

Appendices

Appendix A
Field Sampling and
Analysis Plan
(FSAP)

FIELD SAMPLING AND ANALYSIS PLAN

**Brownfield Cleanup Program
Remedial Investigation
Portion of Former Vacuum Oil Refinery
Site No. C828190**

**City of Rochester
Portion of Former Vacuum Oil Refinery
1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place;
102 Violetta Street; and 1320 S. Plymouth Avenue
Rochester, New York**

October 2015

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1. INTRODUCTION

This Field Sampling and Analysis Plan (FSAP) has been developed by O'Brien & Gere (OBG) on behalf of the City of Rochester (City) to outline procedures to be followed during implementation of field investigation activities to support the Remedial Investigation (RI) at an approximate 15.4 acre portion of the former Vacuum Oil Refinery (1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place; 102 Violetta Street; and 1320 S. Plymouth Avenue) (Site).

This FSAP is a component of the RI Work Plan developed by OBG for the Site. It should be noted that not all of the activities identified in this FSAP are currently identified to be conducted; however, methods and procedures have been provided herein should such sampling be warranted.

1.1 OVERVIEW OF FIELD ACTIVITIES

The following field activities may be completed as part of the RI:

- Utility locating;
- Limited Site clearing;
- Geophysical survey;
- Test pit activities;
- Surface soil sampling;
- Soil boring and subsurface soil sampling;
- Overburden and bedrock monitoring well installation and development;
- Groundwater sampling;
- Hydraulic conductivity testing;
- Soil vapor sampling;
- Decontamination of sampling equipment; and
- Management of Investigation-Derived Waste (IDW).

2. GENERAL FIELD GUIDELINES

2.1 SITE HAZARDS

Generally, potential hazards within the Site will be identified during site reconnaissance by the project team prior to the initiation of RI field activities. Additional safety measures to be undertaken for the work performed as part of the RI will be addressed in the site-specific Health and Safety Plan (HASP).

2.2 UNDERGROUND UTILITIES

New York State law requires that Dig Safely of New York be notified at least two working days, and not more than 10 working days, before subsurface work is conducted. Dig Safely New York (800-272-4480) will be contacted to initiate the locating activities. Companies with subsurface utilities present will locate and mark out subsurface utility lines. However, Dig Safely New York contractors will only locate utilities on public property and rights-of-way.

If utility locations are still unknown at the conclusion, underground utilities within the Site, including electric lines, gas lines, storm and sanitary sewers, and communication lines will need to be identified through a process other than Dig Safely of New York prior to initiation of drilling and other subsurface work. If additional subsurface utility locating is considered necessary, a private locating company will be contracted to locate on-Site utilities that have not been identified by Dig Safely New York contractors or the City.

It may be necessary to alter the proposed locations of soil borings, test pits, and/or monitoring wells due to the location of underground utilities, existing surface or subsurface site features, or topography. Any such modifications will be made at the discretion of the Field Team Leader if the revised proposed sample location is within approximately 10-15 feet (ft.) of the original proposed sample location. Proposed modifications at a further distance than 10-15 ft. from their original intended position will be made in consultation with the City and NYSDEC staff, as appropriate.

2.3 FIELD LOG BOOKS

Field activities will be documented in field log books to provide a record of the activities conducted. Entries will be of sufficient detail that a complete daily record of significant events, observations, and measurements is developed. Accordingly:

- Field books will be assigned a unique identification number;
- Field books will be bound with consecutively numbered pages;
- Field books will be controlled by the Field Manager while fieldwork is in progress;
- Entries will be written with waterproof ink;
- Entries will be signed and dated at the conclusion of each day of fieldwork;
- Erroneous entries made while fieldwork is in progress will be corrected by the person that made the entries. Corrections will be made by drawing a line through the error, entering the correct information, and initialing the correction; and
- Corrections necessary after departing the field will be made by the person who entered the original information. Corrections will be made by drawing a line through the error, entering the correct information, and initialing and dating the time of the correction.

Daily field book entries, for those days when field activities are on-going, will include the following information:

- Location of field activity;
- Date and time of entry;
- Names, titles of any Site visitors, as well as the date and time entering and leaving the Site;
- Weather information, for example: temperature, cloud coverage, wind speed, and direction;

- Purpose of field activity;
- A detailed description of the fieldwork conducted;
- Sample media (*e.g.*, soil, groundwater, etc.);
- Description of sampling point(s);
- Analytical parameters (*e.g.*, volatile organic compounds [VOCs], semi-volatile organic compounds [SVOCs], metals, polychlorinated biphenyls [PCBs], pesticides);
- Date and time of collection;
- Sample identification number(s);
- Field observations;
- Field measurements made (*e.g.*, VOCs using a photoionization detector (PID), pH, temperature, conductivity, water level);
- References for maps and photographs of the sampling site(s); and
- Information pertaining to sample documentation such as:
 - » Bottle lot numbers
 - » Dates and method of sample shipments
 - » Chain-of-custody record numbers
 - » Shippers tracking number.

3. GEOPHYSICAL SURVEY

A limited Site geophysical survey will be conducted to the extent possible (*e.g.*, cleared portions of the Site) with an electromagnetic survey unit to locate magnetic anomalies associated with ferrous objects such as steel tanks. The survey will be performed by moving the electromagnetic survey unit across select portions of the Site.

A limited electromagnetic survey investigation will follow to investigate magnetic anomalies located by the terrain conductivity meter. A letter report will be generated that will include a colored contour map presenting the identified anomalies overlaid on the Site reference grid. Potential subsurface anomalies, such as possible subsurface utilities, tanks, foundations, and pit locations, will be marked for subsequent investigation. The data from the geophysical survey will be used to focus subsequent subsurface investigations.

4. EXPLORATORY TEST PITS / EXCAVATIONS

Test pitting and/or excavating will be conducted during the RI. Test pits will allow for visual characterization of subsurface soil conditions and the collection of grab soil samples. Prior to completing a test pit or excavation, underground utilities should be identified as discussed in Section 2.2 of this document. Should active underground utilities be located in the vicinity of the intended excavation, hand or vacuum excavation methods should be employed, as appropriate, to confirm the location and depth prior to initiating the excavation.

The size and type of excavator and/or backhoe used to complete the test pits will be selected based on the anticipated depth and overall size of the excavation required to meet the project objectives. At no time will field personnel enter a test pit/excavation unless it has been deemed safe to enter by an Excavation Competent person based on training and experience required by 29CFR 1926.652 or the excavation is less than 4 ft. in depth.

Soil removed from the test pits will be managed as follows:

- All soils removed will be placed on poly sheeting adjacent to the test pit so as to not contaminate surface soils at the Site;
- Any drums, non-aqueous phase liquid (NAPL), or free product encountered will be over packed or containerized for appropriate off-Site disposal; and
- If no drums, NAPL, or free product is encountered, the soils staged on poly sheeting will be placed back into the test pit in the same general strata from which it was removed.

The sampling approach from test pits/excavations will be to bring soil samples to the surface using the backhoe or excavator to avoid entry into the test pit/excavation. The field sampler will select a soil sample(s) that is representative of the excavated soil that best targets the zone of interest. Each soil sample will be placed in a re-sealable plastic (*e.g.*, Ziploc®) bag filled approximately half full. The bag will be labeled with the boring number and interval sampled. After allowing the bagged soil to warm to the equivalent of room temperature, the tip of the sample probe attached to the PID will be inserted into the bag to measure the headspace for organic vapors. VOC samples selected for laboratory analyses will not be collected from the sealable plastic bags used for headspace screening. Rather, tentative VOC samples will concurrently be placed in laboratory-supplied containers and placed in a pre-chilled cooler. Upon selection of the interval, the corresponding VOC sample will be kept and the remainder of containerized soils will be managed as IDW.

Soil samples retrieved will be described for: 1) soil type; 2) color; 3) moisture content; 4) texture; 5) grain size and shape; 6) consistency; 7) evidence of staining or other chemically-related impacts; and 8) any other relevant observations. In addition, soil will be screened with a PID to allow evaluation of the bulk volatile organic concentration of each soil sample. Soils will be described in accordance with the Unified Soil Classification System (USCS). Descriptions of the materials encountered in the test pit/excavation will be recorded on the Test Pit Log. An example of the Test Pit Log is provided in [Attachment A](#).

Soil samples selected for analysis will be based on PID screening and/or visual/olfactory indications of potential impacts. Soil samples will be placed in appropriate laboratory supplied jars for the identified analyses. Samples for laboratory analysis will be submitted to an approved New York State Department of Health (NYSDOH) Laboratories Approval Program (ELAP)-certified laboratory under Chain-of-custody procedures. An example Chain-of-custody is included in [Attachment B](#). Analyses will be conducted using United States Environmental Protection Agency (USEPA) methodologies. Samples will be managed in accordance with the Quality Control Document (QCP).

5. SURFACE SOIL SAMPLING PROCEDURES

Surface soil samples will be used to develop an understanding of Site-specific human health exposure and fish and wildlife impact, and to document those conditions. Surface soil samples will also be submitted for laboratory analysis to evaluate soil quality and potential remedial activities, if necessary.

Surface soil samples will be collecting using designated plastic, disposable trowels.

5.1 SURFACE SOIL SAMPLING AND FIELD SCREENING

- A portion of surface soil samples will be collected from a depth of 0-2 inches (in.) below ground surface (bgs), excluding vegetative cover, as defined in Section 3.5.1 of DER-10;
- A portion of surface soil samples will be collected from a depth of 0-2 ft. bgs for historic fill material evaluation purposes;
- Soil samples retrieved will be described for: 1) soil type; 2) color; 3) moisture content; 4) texture; 5) grain size and shape; 6) consistency; 7) evidence of staining or other chemically-related impacts; and 8) any other relevant observations. In addition, soil will be screened with a PID to allow evaluation of the bulk volatile organic concentration of each soil sample;
- Soils will be described in accordance with the USCS. This descriptive information will be recorded on a surface soil sample log form. An example of the typical surface soil sample log form is provided in [Attachment C](#);
- If identified in the RI Work Plan, a PID equipped with a 10.6 eV lamp will be used to screen the soil. Samples for headspace screening will be collected. A representative portion of each soil sample will be placed in a resealable plastic (*e.g.*, Ziploc®) bag filled approximately half full. The bag will be labeled with the boring number and interval sampled. After allowing the bagged soil to warm to the equivalent of room temperature, the tip of the sample probe attached to the PID will be inserted into the bag to measure the headspace for organic vapors;
- VOC samples selected for laboratory analyses will not be collected from the sealable plastic bags used for headspace screening. Rather, tentative VOC samples will concurrently be placed in laboratory-supplied containers and placed in a pre-chilled cooler. Upon selection of the interval, the corresponding VOC sample will be kept and the remainder of containerized soils will be managed as IDW; and
- Samples for laboratory analysis will be submitted to a NYSDOH ELAP-certified laboratory under standard chain-of-custody procedures. An example chain-of-custody is included in [Attachment B](#). Analyses will be conducted using USEPA methodologies. Samples will be managed in accordance with the QCP.

6. SOIL BORING AND SUBSURFACE SAMPLING PROCEDURES

Soil borings will be advanced to facilitate the collection of subsurface soil samples and the installation of monitoring wells. Subsurface soil samples will be used to develop an understanding of site-specific geologic conditions, and to document those conditions. Subsurface soil samples will also be submitted for laboratory analysis to evaluate soil quality and potential remedial activities, if necessary.

Historical site drilling conditions indicate the presence of shallow bedrock and the potential for subsurface structures. As such, soil borings will be advanced using conventional hollow stem auger (HSA) methods to enable a deeper penetration than direct-push methods. Depending on the location and proximity to Site features (*i.e.*, power lines), an alternate drill rig may be utilized to maintain a safe working distance from potential hazards.

6.1 SOIL BORING DRILLING METHOD

The conventional hollow stem auger (HSA) drilling method is typically used to collect shallow and deeper overburden soils and create boreholes for permanent monitoring well installations. This method is advantageous in that it typically allows for the advancement of borings through denser soils, and when coupled with split spoon sampling conducted in accordance with ASTM Method D1586, can provide geotechnical information. The disadvantage of this method is that it is typically more time consuming to drill and sample, and to decontaminate the equipment than direct-push methods. In addition, this method can generate a high volume of soil cuttings that may require off-Site disposal.

6.2 SUBSURFACE SOIL SAMPLING AND FIELD SCREENING

- Soil samples will be collected continuously from the ground surface to the bottom of the borings;
- Soil samples retrieved from the borehole will be described for: 1) percent recovery; 2) soil type; 3) color; 4) moisture content; 5) texture; 6) grain size and shape; 7) consistency; 8) evidence of staining or other chemically-related impacts; and 9) any other relevant observations. In addition, soil will be screened with a PID to allow evaluation of the bulk volatile organic concentration of each soil sample;
- Soils will be described in accordance with the USCS. This descriptive information will be recorded on a soil boring log form. An example of the typical soil boring log form is provided in [Attachment D](#);
- A PID equipped with a 10.6 eV lamp will be used to screen the length of the soil core upon opening of split-spoons. Samples for headspace screening will be collected. A representative portion of each soil sample will be placed in a re-sealable plastic (*e.g.*, Ziploc®) bag filled approximately half full. The bag will be labeled with the boring number and interval sampled. After allowing the bagged soil to warm to the equivalent of room temperature, the tip of the sample probe attached to the PID will be inserted into the bag to measure the headspace for organic vapors;
- VOC samples selected for laboratory analyses will not be collected from the sealable plastic bags used for headspace screening. Rather, tentative VOC samples will concurrently be placed in laboratory-supplied containers and placed in a pre-chilled cooler. Upon selection of the interval, the corresponding VOC sample will be kept and the remainder of containerized soils will be managed as IDW;
- Sample intervals will be selected for soil sample collection based on visual observation, olfactory observation, and/or PID screening;
- Depth determination will be as identified in Section 3.2 of the RI Work Plan; and
- Samples for laboratory analysis will be submitted to a NYSDOH ELAP-certified laboratory under standard chain-of-custody procedures. An example chain-of-custody is included in [Attachment B](#). Analyses will be conducted using USEPA methodologies. Samples will be managed in accordance with the QCP.

6.3 BOREHOLE ABANDONMENT

Boreholes will be abandoned with a Portland cement or a Portland cement and bentonite grout mix.

7. MONITORING WELL INSTALLATION AND DEVELOPMENT

Monitoring wells will be used to evaluate the hydrogeologic conditions and groundwater quality. Monitoring wells will be installed to allow characterization of groundwater levels, groundwater flow systems, and groundwater quality.

7.1 TYPES OF MONITORING WELLS

Permanent groundwater monitoring wells may be installed in overburden and/or bedrock. A Well Completion Log will be completed for each well installed. An example of the Well Completion Log is provided in [Attachment E](#).

7.1.1 Permanent Overburden Monitoring Well Installation and Construction

Permanent monitoring wells will be used when long-term monitoring data or hydraulic conductivity testing is required. Permanent monitoring wells will be installed using HSA drilling methods.

Borings for the monitoring wells will be advanced through the overburden using conventional 4¼ in. inner diameter (ID) HSA drilling methods. Soil samples will be collected continuously through the overburden via 2-in. diameter split-spoons in accordance with ASTM Method D-1586. A geologist will be on-Site to complete boring logs and screen samples with a PID as presented in Section 6.2. In addition, soil samples will be submitted for laboratory analysis from the installation of the groundwater monitoring wells using the procedures identified in Section 6.2.

The groundwater monitoring wells will be constructed of 2 in. polyvinyl chloride (PVC) casing with 10 ft. of #10 slot (0.010 in.) PVC well screen. If free product is suspected, a #20 slot PVC well screen will be substituted. The annulus around the screens will be backfilled with clean silica sand having appropriate size in comparison to the screen slot size. The volume of filter pack required to fill the annular space will be calculated and compared to the volume installed. This information will be recorded in the field log book. The filter pack will be installed in increments as the augers or casings are withdrawn to enable monitoring of progress and to prevent bridging. If bridging occurs, break the bridge before proceeding with installation. The filter pack should extend a minimum of 2 ft. above the top of the screen.

A bentonite chip or pellet seal with a minimum thickness of 2 ft. will be placed above the filter pack. If the seal is installed above the water table, it will be manually hydrated using potable water. The remainder of the annular space will be filled with cement-bentonite grout to ground surface. The grout will be allowed to set for a minimum of 24 hours before wells are developed. The well casing will be left approximately 2 ft. abovegrade and will be completed with a stick up steel protective locking casing set in a concrete pad. An approximate 2-ft. diameter concrete well pad will be installed around the protective casing. The well pad will be sloped away from the protective casing to shed surface water away from the well head. The well identification will be clearly visible on the inside and outside of the lid of the protective casing.

The top of the well casing and ground surface will be marked and surveyed to 0.01 ft., and the elevation will be measured relative to a fixed benchmark or datum. The measuring point on all wells will be on the innermost PVC casing.

Drill cuttings will be containerized in a 12 cubic yard roll-off for later characterization and disposal as set forth in Section 11.

The drilling rig, augers, and drill rod will be decontaminated following the procedures identified in Section 11.

7.1.2 Permanent Bedrock Monitoring Well Installation and Construction

Bedrock monitoring wells will be installed in a manner to minimize the potential for contaminants previously detected in overburden at the Site from vertically migrating downward to the bedrock below (*i.e.*, double cased). The monitoring wells will be installed utilizing a truck or all-terrain vehicle (ATV) mounted drill rig and 6 ¼ in. ID HSA drilling techniques. A geologist will complete a boring log and screen soils with a PID as set forth in Section 6.2. Once the augers reach top of bedrock, the augers will be used to advance a rock socket a minimum of

2 ft. into competent rock and a 4 in. permanent steel casing will be grouted in place to isolate the overburden. The grout will be allowed to set for a minimum of 24 hours before drilling continues. Actual depths of bedrock monitoring wells will be determined in the field, but are assumed to be installed approximately 10 ft. into competent bedrock.

After the grout has cured, continuous rock cores will be collected using an HQ core barrel and water rotary drilling techniques. The cores will be logged by a geologist and the observations will be recorded on the well's boring log. The roller bit will be advanced to the well completion depth, which will be selected at the first significant water bearing fracture based on the core information obtained from the adjacent monitoring well(s) and observations of gain or loss of drilling water during drilling. Drilling water loss or gain during rock coring or rotary drilling will be recorded on the boring logs and in the field notebook.

In the event the surrounding bedrock is found to be friable in nature, PVC well screen and riser will be installed. The wells will be constructed of 2 in. ID, flush joint, schedule 40 PVC riser pipe with 10-20 ft. of #10 slot PVC well screen that will be lowered through the center of the casing. The base of each well will be equipped with threaded bottom plugs and the top of each well will be equipped with a vented, locking J-plug cap. In addition, each well will be labeled using indelible ink and a designated measuring point will be notched into the top of the PVC riser pipe to provide a permanent reference point for subsequent total depth and depth to water measurements.

After setting the PVC screen and riser, sand will be introduced gradually inside the open borehole and steel 4 in. casing to fill the annular space between the screen and the borehole adjacent to the screen. The sand pack will extend from the bottom of the boring to approximately 2 ft. above the top of the screen. The sand pack will consist of clean, graded #1 silica sand. A bentonite pellet seal will be placed above the sand pack and hydrated to form a seal at least 2 ft. thick. A thick cement-bentonite grout will be placed from the top of the bentonite pellet seal to a depth of approximately 2 ft. below the ground surface.

The grout material will consist of Type I Portland cement mixed with either a powdered or granular bentonite. The grout mixture will be prepared in accordance with ASTM D 5092-90, such that approximately 3 to 5 pounds of bentonite will be mixed with 6½ to 7 gallons of water per 94 pound sack of cement. The grout will be introduced via a tremie pipe lowered to just above the top of the bentonite pellet seal. As the grout is pumped into the borehole, the tremie pipe will be lifted so that the grout is pumped into the borehole in a manner to minimize air pockets or voids in the grout.

The well casing will be left approximately 2 ft. abovegrade and will be completed with a stick up steel protective locking casing set in a concrete pad. An approximate 2-ft. diameter concrete well pad will be installed around the protective casing. The well pad will be sloped away from the protective casing to shed surface water away from the well head. The well identification will be clearly visible on the inside and outside of the lid of the protective casing.

The top of the well casing and ground surface will be marked and surveyed to 0.01 ft., and the elevation will be measured relative to a fixed benchmark or datum. The measuring point on all wells will be on the innermost PVC casing.

Drill cuttings and drilling fluids will be containerized in a 12 cubic yard roll-off and 6,900 gallon frac tank, respectively, for later characterization and disposal as set forth in Section 11.

The drilling rig, augers, and drill rod will be decontaminated following the procedures identified in Section 11.

7.1.3 Nested Well Construction

Five proposed nested overburden/bedrock groundwater monitoring well pairs are proposed to be installed as depicted on [Figure 6](#) of the RI Work Plan. One overburden groundwater monitoring well and one bedrock groundwater monitoring well will be installed in separate casings and boreholes from each other; however, these monitoring wells will be installed in close proximity to each other. The screens for the overburden and bedrock groundwater will be designed to obtain groundwater from different aquifers or water-bearing zones

and will be sealed to prevent migration of groundwater between the nested groundwater monitoring wells. Examples of monitoring well construction are depicted on [Figure 9](#) of the RI Work Plan.

7.1.4 Casing Installation

HSA drilling methods will be used to advance the borehole through the overburden to the terminal depth of the casing. A steel casing fitted with an end cap will then be lowered through the auger string. The annular space between the borehole wall and the surface casing will be filled with cement/bentonite grout using a tremie pipe as the auger string is removed. The grout will be allowed to cure for a minimum of 24 hours prior to further borehole advancement. If additional casings are necessary to reach the required terminal depth for well installation, casings will be the correct size to accommodate advancing augers inside the casing.

7.1.5 Temporary Monitoring Well Installation

Temporary groundwater monitoring wells will be constructed of 1 in. PVC casing with 5 ft. of #10 slot (0.010 in.) PVC well screen. If free product is suspected, a #20 slot PVC well screen will be substituted. The annulus around the screens will be backfilled with clean silica sand having appropriate size in comparison to the screen slot size. The volume of filter pack required to fill the annular space will be calculated and compared to the volume installed. This information will be recorded in the field log book. The filter pack will be installed in increments as the augers, rods, or casings are withdrawn to enable monitoring of progress and to prevent bridging. If bridging occurs, break the bridge before proceeding with installation. The filter pack should extend a minimum of 2 ft. above the top of the screen.

A bentonite chip or pellet seal with a minimum thickness of 2 ft. will be placed above the filter pack. If the seal is installed above the water table, it will be manually hydrated using potable water. The remainder of the annular space will be filled with cement-bentonite grout to ground surface.

Upon retrieval of groundwater samples, the temporary monitoring wells will be decommissioned using appropriate procedures.

Soil cuttings will be containerized in a 12 cubic yard roll-off for later characterization and disposal as set forth in Section 11.

The drilling rig, augers, and/or drill rod will be decontaminated following the procedures identified in Section 11.

7.2 MONITORING WELL DEVELOPMENT

Well development will not occur sooner than 48 hours following groundwater monitoring well installation. The groundwater monitoring wells will be developed using conventional bailing and surging techniques. Each monitoring well will be developed prior to groundwater sampling to:

- Remove fine-grained materials from the sand pack and formation;
- Reduce the turbidity of groundwater samples;
- Remove introduced drilling fluids, if any; and
- Increase the yield of the groundwater monitoring well and provide better hydraulic communication with the surrounding formation.

Development will consist of surging the well and removal of five well volumes using either a bailer or pump. In the event that low yielding wells are present, development of those wells will consist of purging dry three times over three days or at another agreed to timeframe. Groundwater parameters will be recorded before, during, and after well development. Parameters monitored will only include turbidity. Well development data will be recorded on a Well Development Log. An example Well Development Log is provided in [Attachment F](#).

Water levels will be measured in each well to the nearest 0.01 ft. prior to development.

The wells will be developed until turbidity is less than 50 nephelometric turbidity units (NTUs). If 50 NTUs is not achievable after three hours of development by low flow (100 milliliters per minute [ml/min]) purging; the

volume of water lost (if any) during well installation plus 5 or more total well volumes have been removed and the turbidity has remained stable; well development will be considered complete. Development water will be managed in accordance with Section 11. If the volume of water to be developed is deemed to be significant by OBG field personnel, the NYSDEC Project Manager will be notified to discuss an alternative approach to well development.

Water and drill cuttings generated during the drilling and development processes will be contained in a 6,900 gallon frac tank and 12 cubic yard roll-off, respectively, for later characterization and disposal as set forth in Section 11.

7.3 MONITORING WELL ABANDONMENT

There may be occasions when monitoring wells will require abandonment. For temporary monitoring wells, the approach will be to pull the PVC well materials from the borehole, and backfill the remaining open portion of the borehole with cement/bentonite grout to approximately 0.5 ft. below the ground surface. The ground surface will be restored to a similar condition as the surrounding grade (*e.g.* topsoil). For permanent monitoring wells, depending on the Site-specific subsurface geologic conditions and nature of contamination, the abandonment approach will be in accordance with NYSDEC Policy CP-43 – Groundwater Monitoring Well Decommissioning Policy. Details regarding the well abandonment will be documented on a Well Decommissioning Record. An example is provided in [Attachment G](#).

8. GROUNDWATER SAMPLING PROCEDURES

Groundwater samples may be collected using various methods depending on specific project objectives. These methods may include hand bailing, pumping, or low-flow purging and sampling.

8.1 LOW FLOW GROUNDWATER SAMPLING METHOD

- Equipment will be decontaminated prior to use at each location;
- Prior to sampling, the static water level and thickness of any light non-aqueous phase liquid (LNAPL) or dense non-aqueous phase liquid (DNAPL) will be measured to the nearest 0.01 ft. from the surveyed well elevation mark on the top of the PVC casing with a decontaminated oil/water interface probe. NAPL thickness will be confirmed using a clear bailer or a weighted string. The measurement will be recorded in the field book;
- Prior to commencing daily sampling activities, the groundwater quality monitoring probes/meters including pH, conductivity, oxidation-reduction potential (ORP), dissolved oxygen, and turbidity will be calibrated in accordance with the manufacturer's instructions. At a minimum, two-point calibrations will be conducted for pH, conductivity, and turbidity. The dissolved oxygen probe will be checked against a zero-dissolved oxygen solution. In addition, the dissolved oxygen calibration will be corrected for local barometric pressure and elevation. Calibration results will be recorded in the field log notebook;
- The intake of the submersible bladder pump will be positioned in the center of the screened interval and the upper end of the tubing will be connected to the flow through cell. Flow rate will be measured during purging with a calibrated container and shall not exceed 0.5 liters/min (500 ml/min). Initially, a flow rate between 100 ml/min and 250 ml/min will be used. The drawdown will be monitored using a water level probe and the flow rate will be reduced if the drawdown exceeds 0.3 ft. Efforts should be made to minimize the generation of air bubbles in the sample tubing by either increasing the flow rate as appropriate, or restricting the flow by clamping the tubing;
- During purging, pH, specific conductivity, temperature, ORP, dissolved oxygen, and turbidity will be monitored and recorded at time intervals sufficient to evacuate the volume of the flow-through cell, generally 3 minutes apart with a small volume (~250 ml) flow through cell. Before commencing purging, the volume of the cell will be calculated;
- Turbidity samples are collected before the flow-through-cell. A "T" connector coupled with a valve is connected between the pump's tubing and flow-through-cell. When a turbidity measurement is required, the valve is opened to allow the groundwater to flow into a container. The valve is closed and the container sample is then placed in the turbidimeter;
- Water quality parameter information along with water level readings to monitor drawdown will be recorded on the Low Flow Groundwater Sampling Log. An example of the Low Flow Groundwater Sampling Log is provided in [Attachment H](#); and
- Well sampling will commence after equilibration of water quality parameters. The equilibration guidelines are as follows:
 - » Temperature ± 3% of measurement
 - » pH ± 0.1 pH units
 - » Specific conductivity ± 3% of measurement
 - » Redox ±10 mV
 - » DO ±10% of measurement
 - » Turbidity ± 10% of measurement.

If the water level will not stabilize even at lower flow rates then the well will not be able to be sampled using the low flow method. In this situation, the well will be pumped to dryness and sample collection may commence once a sufficient volume of water is present in the well to fill the required sample bottles.

- Prior to collecting the sample, the flow-through cell will be disconnected from the tubing. Groundwater will be allowed to flow from the tubing into the sample container carefully so as to limit aeration of the sample. If preservative is present in a container, the container will not be overfilled;
- Keep sample bottles in cooler containing ice with their caps on until they are ready to receive samples. The type of analysis for which a sample is collected determines the type of container, preservative, holding time, and filtering requirement as specified in the QCP. Samples are transferred directly from the bailer to the container. The container should hold any necessary preservative and should be correctly labeled before the sample is transferred to it;
- When ready to fill the bottles, remove them from their transport containers. Prepare them to receive the samples;
- Inspect labels to see that the samples are properly identified;
- Arrange the sampling containers to allow for convenient filling;
- Fill the containers that will undergo analysis for VOCs first. The VOC containers should be filled with zero headspace, and then securely capped;
- Fill each sample container in accordance with the QCP or other sampling outline;
- Return each sample bottle to its proper transport container;
- Record the appearance of the groundwater on the Low Flow Groundwater Sampling Log ([Attachment H](#));
- Samples must not be allowed to freeze;
- Record the date and time;
- Secure the well head;
- Samples for laboratory analysis will be submitted to an approved NYSDOH ELAP-certified laboratory under chain-of-custody procedures. An example chain-of-custody is included in [Attachment B](#). The sample containers will be labeled, placed in a laboratory-supplied cooler, with protective packaging (*i.e.*, bubble wrap) and packed on ice (to maintain a temperature of $<6^{\circ}$ C). The cooler will be shipped no later than 48 hours after sample collection. Analyses will be conducted using USEPA methodologies. Samples will be managed in accordance with the QCP; and
- Purge water will be managed in accordance with Section 11.

9. HYDRAULIC CONDUCTIVITY TESTING

Hydraulic conductivity “slug” tests involve observing the recovery of water levels toward an equilibrium level after an initial perturbation. The perturbation may be either a sudden rise or fall in water level. During a falling head slug test, an inert rod of known volume will be quickly introduced into the well to cause a water level rise. Following equilibration of the water level a rising head slug test can be initiated by removing the slug to lower the water level. Procedures and equipment requirements may vary depending on the rate of the water-level recovery.

A minimum of 10 of the new overburden groundwater monitoring wells (to be selected to evaluate the range of subsurface conditions present at the Site), all five of the new bedrock monitoring wells, and the one existing monitoring well at the Site will be tested in accordance with the following procedures:

Initial Activities and Setup

- Determine the type of test to be performed based on the following:
 - » If the screened interval of the well straddles the water table, only use a rising head test;
 - » If the screened interval of the well is fully submerged below the water, then a rising and falling head test will be conducted;
- Record appropriate data on the Hydraulic Conductivity Test Log including the date of test, well identification, well construction details (*i.e.*, screen length, screen diameter, riser diameter, depth to top of screen, sand pack length, sand pack diameter, and depth to top of sand pack), type of test and names of field personnel. An example of the Hydraulic Conductivity Test Log is provided in [Attachment I](#);
- Measure the static depth to water (only wells which have fully recovered to static level conditions after drilling and development should be tested) and the depth to the bottom of the well to be tested and calculate the length of the water column;
- Clean the downhole equipment (*e.g.*, pressure transducer, associated cable and, if used, the bailer or slug and associated line) following the decontamination procedures provided in Section 11 before initiating test(s) at each well;
- Select a means of displacing water (*e.g.*, inert rod, bailer, etc.); and
- Program the data collection frequency into the data logger/pressure transducer that is suitable for the anticipated permeability of the water-bearing formation. For example, water levels in highly permeable formations will likely recover very quickly, sometimes within tens of seconds. In this case, the data collection interval should small enough to capture the anticipated high rate of recovery. Water levels in low to moderately permeable formations may take tens of minutes to hours to recover. In this case, a variable data collection frequency may be more appropriate where initially data is collected at very small intervals whereas later data collection occurs at larger intervals. This is helpful in reducing the size of the data file and subsequent data manipulation and reduction.

Rising Head Test

- Connect the pressure transducer to the data logger and lower the transducer into the well to a depth that will not interfere with the insertion of the slug but does not exceed the operating range of the transducer;
- Secure the transducer cable such that it does not slip deeper into the well. If the edges of the well casing are sharp, cover them with cloth or duct tape to protect the transducer cable;
- Check the data logger for connectivity and communication with the transducer;
- Monitor the static water level recorded by the transducer for one to two minutes;
- Insert the slug into the well such that the top of the slug is approximately 0.5 ft. below the initial static water level;

- Prior to beginning the rising head test, monitor the water level for a period of time to make sure water levels have reached near-static conditions after the slug has been introduced;
- Begin data logging for 5 to 10 seconds before insertion of the slug;
- Quickly create a water level change by removing the slug from the well. Avoid entanglement of the slug and rope with the transducer cable;
- Monitor water level rise both from the data logger and by periodic hand measurements. Record hand measurements on a Hydraulic Conductivity Test Log. An example Hydraulic Conductivity Test Log is provided in [Attachment I](#);
- Continue to collect data until water level in the well has reached at least 5% of static, after which the test will be terminated; and
- Review the data file and associated data plot to make sure data has been collected in an appropriate manner. The observed initial displacement in the transducer file should be comparable (within 95%) of the anticipated initial displacement based on the slug geometry. If not, the test will be repeated to confirm the data.

Combined Falling Head and Rising Head Test

- Double check data logger settings;
- Begin data logging for 5 to 10 seconds before insertion of the slug;
- Tie a sufficient length of polypropylene rope to the slug;
- Quickly create a water level change by inserting the slug into the well making sure to that the top of the slug has been fully submerged below the static water level, but no more than 1 ft below the static water level to avoid contact with the transducer. Avoid entanglement of the slug and rope with the transducer cable;
- Secure the rope from the slug to the well casing such that the slug will not slip deeper into the well during the test;
- Monitor water level decline both from the data logger and by periodic hand measurements. Record hand measurements on a Hydraulic Conductivity Test Log. An example Hydraulic Conductivity Test Log is provided in [Attachment I](#);
- Continue to collect data until water level in the well has recovered to within 5% of static, after which the test will be terminated;
- Review the data file and associated data plot to make sure data has been collected in an appropriate manner;
- Re-program the data logger/pressure transducer for the start of the rising head test;
- Double check data logger settings;
- Begin data logging for 5 to 10 seconds before removal of the slug;
- Quickly create a water level change by removing the slug from the well. Avoid entanglement of the slug and rope with the transducer cable;
- Monitor water level rise both from the data logger and by periodic hand measurements. Record hand measurements on a Hydraulic Conductivity Test Log. An example Hydraulic Conductivity Test Log is provided in [Attachment I](#);
- Continue to collect data until water level in the well has recovered to within 5% of static, after which the test will be terminated; and

- Review the data file and associated data plot to make sure data has been collected in an appropriate manner. The observed initial displacement in the transducer file should be comparable (within 95%) of the anticipated initial displacement based on the slug geometry. If not, the test will be repeated to confirm the data.

Rising head or combined rising and falling head tests should be repeated at least twice, or ideally three times at each groundwater monitoring well.

10. SOIL VAPOR SAMPLING

10.1 GENERAL

The objective for the soil vapor intrusion (SVI) investigation is to assess the potential for migration of subsurface VOC contaminants in soil vapor off-Site. To accomplish this objective, a subsurface soil vapor sampling program will be completed. As shown on **Figure 6** of the RI Work Plan, subsurface soil vapor samples will be obtained at several locations along the southwestern perimeter of the Site where the Site abuts residential property.

The SVI investigation will be performed in accordance with NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006. The proposed on-Site SVI sampling will be performed at a time when vehicular equipment is not operating in the vicinity of the proposed SVI sample locations. Descriptions of specific components proposed as part of the FSAP are provided in the subsequent sections. In general the specific component includes the completion of a subsurface soil vapor sampling program.

10.2 Soil Vapor Sampling Program

To evaluate the extent of VOCs in soil vapor and to assess whether there is a potential for off-Site vapor migration to the west and southwest near abutting residential properties, eight soil gas samples will be collected for laboratory analysis of VOCs. OBG will install eight temporary soil vapor sampling points (*i.e.*, SV-101 through SV-108) at eight locations along the western/southwestern edge of the Site. The proposed locations where the soil vapor samples will be collected are shown on **Figure 6** of the RI Work Plan.

10.2.1 Soil Vapor Sampling Point Installation

Each soil vapor sampling point will be installed to a depth of approximately 4 ft. bgs. Each temporary sampling point will be installed using a slide hammer to manually drive rods to install the screened implant (*i.e.*, AMS Soil Vapor Probe drive rod tooling or equivalent). As the drive rods are removed, the annular space around the sampling point will be packed with porous, inert backfill material (*i.e.*, glass beads) to a point approximately 6 inches above the screened interval of the implant. The annular space around the sample tubing will be sealed with approximately 0.5 ft. of a dry granular bentonite to prevent water infiltration/infilling across the sample inlet. The remainder of the boring's annular space will be sealed above the sampling zone to ground surface with a bentonite slurry to prevent ambient air infiltration. The sampling points will consist of a stainless steel sample point with a 1 in. wire screen attached to an appropriate length of ¼ in. outside diameter Teflon tubing.

10.2.2 Soil Vapor Sampling and Analysis

Following installation of the soil vapor sample points and prior to the collection of the soil vapor samples, the sampling tubing will be purged of ambient air. A minimum of one and a maximum of three volumes of air will be purged from each sample point prior to sample collection. In addition, tracer gas screening will be used during sampling to evaluate the adequacy of the sampling technique, as described in Section 2.7.5 of the NYSDOH *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006. The tracer gas screening procedure that will be employed at the Site is presented below:

- Helium tracer gas will be retained around the sample location by filling a specially fitted plastic bucket, which is positioned over the sample location.
- The bucket will be sealed to the ground surface using a bentonite slurry.
- Helium tracer gas will be introduced into the top of the bucket through a valved fitting while a valved fitting located at the bottom of the bucket will be opened to let the ambient air out while introducing the helium. The valves will be closed after the bucket is filled with helium.
- A modified bulkhead compression fitting will be present at the top of the bucket to allow the sample tubing to pass through the compression fitting and exit the bucket.
- After the bucket is filled with helium, the sample tube will be attached to a personal air-monitoring pump.

- The pump will be pre-calibrated to extract soil vapor at a rate of 0.1 liters per minute into a 1 liter Tedlar® bag.
- A hand-held helium detector will be attached to the Tedlar® bag to confirm there is no short circuiting of ambient air around the annular space of the borehole (*e.g.*, the presence or absence of helium in soil vapor will confirm the integrity of the borehole seal prior to sampling).
- The soil vapor probe will be purged for a period of three to five minutes to screen for helium/short circuiting (*i.e.*, presence of helium).
- If helium is detected during this procedure, the short-circuit will be corrected and the screening procedure will be repeated until it passes.
- If helium is not detected, the sample tubing will be attached to the sampling equipment and soil vapor sample collection using a stainless steel SUMMA® vacuum canister will be initiated.
- After sample collection is completed, the bucket will be checked using the valve fitting on the bucket to verify that helium is still present in the bucket around the sample probe location.
- Finally, following the completion of sample collection, the personal monitoring pump will be reconnected to the sample tubing, and the Tedlar® bag and helium meter will be used to screen for helium in soil vapor collected from the soil vapor sample tubing to verify that short circuiting had not occurred during sampling. If helium is not detected, the sample will be submitted to the laboratory for analysis. If helium is detected, the NYSDEC project manager will be notified and a decision will be made as to whether or not the sample will be submitted for analysis, or if an additional sample should be obtained following an evaluation of the integrity of the borehole seal.

Following the completion of the soil vapor samples, the location of each sample location will be surveyed for horizontal control.

Soil vapor samples will be collected using batch certified-clean 6-liter stainless steel SUMMA® vacuum canisters equipped with laboratory-calibrated fixed rate flow controllers. The flow controllers will be set to collect soil vapor samples for a period of four hours, resulting in a sample rate of approximately 0.025 liters per minute. Sample collection will be terminated before the canister vacuum is exhausted, and the canister vacuum level at the beginning and end of sample collection will be recorded on an Air/Soil Vapor Sampling Form (an example Air/Soil Vapor Sampling Form is presented in [Attachment J](#)).

After sample collection, the soil vapor sampling lines will be cut, plugged, folded, and buried beneath native soil, and the ground surface restored to pre-existing condition.

The soil vapor samples will be submitted to a NYSDOH ELAP-certified laboratory for VOC analysis using USEPA Method TO-15 under appropriate chain-of-custody protocols. An example chain-of-custody is included in [Attachment B](#). Each SUMMA® canister will be labeled with the sample identification, the start and end time of sample collection, date, project identification, and required laboratory analysis. The same information will be recorded on the Soil Vapor Sample Collection Field Forms. Samples will be analyzed for chlorinated compounds with a reporting limit of 0.25 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) for TCE and 1 $\mu\text{g}/\text{m}^3$ for all other compounds.

Analysis will be conducted using USEPA methodologies. Samples will be managed in accordance with the QCP.

10.2.3 Documentation

Digital photos will be taken of the SUMMA® canister and surrounding area, and noteworthy items. At the time of canister retrieval, noticeable changes in the condition of the sampling area will be noted.

Sample identifications, SUMMA® canister identification numbers, flow controller identification numbers, initial and final vacuum readings, date and time of sample collection, and PID readings will be documented for each air sample on the Air/Soil Vapor Sampling Form provided in [Attachment J](#). Chain-of-custody documentation will be maintained throughout sample collection and analysis in accordance with the QCP.

10.2.4 Quality Assurance/Quality Control

Sampling activities will include appropriate Quality Assurance/Quality Control (QA/QC) during sample collection. For the purposes of this investigation one duplicate soil vapor sample will be collected. The duplicate sample will be collected simultaneously (*i.e.*, over the same time interval) and from the same sample point as the original sample. QA/QC procedures will be followed as outlined in the QCP.

10.2.5 Soil Vapor Analyses

A total of nine subsurface soil vapor (eight original and one duplicate) will be submitted to an ELAP-certified laboratory, certified by NYSDOH for USEPA Method TO-15 analysis. Samples will be analyzed for chlorinated VOCs with a reporting limit of 0.25 $\mu\text{g}/\text{m}^3$ for TCE and 1 $\mu\text{g}/\text{m}^3$ for all other compounds. Note: actual reporting limits may be higher depending on the amount of dilution needed for analysis.

11. FIELD EQUIPMENT DECONTAMINATION AND MANAGEMENT OF INVESTIGATION-DERIVED WASTE

11.1 DECONTAMINATION AREA

One or more temporary decontamination areas lined with polyethylene sheeting will be constructed on-Site for use during decontamination of the drilling equipment. Prior to construction of decontamination areas, the location(s) will be discussed with the NYSDEC. Decontamination fluids will be collected in 55 gallon drums (to be staged on pallets) and then transferred to a 6,900 gallon frac tank and managed as described in Section 11.3. A shipping container may also be staged near the decontamination or IDW area for storage.

If a crushed concrete haul road becomes necessary for better access within the Site for decontamination or IDW transportation purposes, additional details would be discussed with the NYSDEC under separate cover and prior to construction.

11.2 EQUIPMENT DECONTAMINATION

The following procedures will be used to decontaminate equipment used during the RI activities.

- Drilling equipment such as augers, bits, rods, tools, split-spoon samplers, and backhoe/bucket will be cleaned with a high-pressure, hot water pressure washing unit before beginning work, following the completion of borings and groundwater monitoring wells, and prior to exiting the Site;
- Tools, drill rods, and augers will be placed on polyethylene plastic sheets following pressure washing. Direct contact with the ground will be avoided;
- Augers, rods, and tools will be decontaminated between each drilling location according to the above procedures; and
- The back of the drill rig and tools, augers, and rods will be decontaminated at the completion of the work and prior to leaving the Site.

11.2.1 Sampling Equipment Decontamination

Prior to sampling, the non-dedicated sampling equipment (*e.g.*, bowls, spoons, interface probes) will be washed with potable water and soapy water (*e.g.*, Alconox). Decontamination may take place at the sampling location as long as all liquids are contained in pails, buckets, etc.

The sampling equipment will then be rinsed with potable water. Equipment can be placed on polyethylene sheets or aluminum foil, if necessary. At no time will washed equipment be placed directly on the ground.

11.2.2 Personnel Decontamination

All personnel leaving the Site will undergo footwear decontamination prior to leaving the Site. This will consist of a boot wash using a soapy water (*e.g.*, Alconox) brush of footwear, followed by a potable water rinse, or the removal of disposable overboots. The wash and rinse water and/or disposable overboots will be containerized and managed as IDW as detailed in Section 11.3.1. The personnel decontamination area will be located on City-owned land immediately north of Flint Street (a continuation of the 1320 S. Plymouth Avenue tax parcel) as depicted on [Figure 6](#).

11.2.3 Vehicular Decontamination

All vehicles and motorized equipment leaving the Site will undergo decontamination prior to leaving the Site. This will consist of soapy water (*e.g.*, Alconox) followed by a potable water rinse. At a minimum, the tires and/or tracks of the vehicles will be decontaminated along with the bucket of the excavator. In addition, visible soils that may be on an excavator chassis or other locations of the machine will also be decontaminated. During cold weather months when temperatures may be below freezing and the use of water is not feasible, an air compressor may be utilized to remove visible soils. The wash and rinse water, or solids generated from use of the air compressor during winter months, will be containerized and managed as IDW as detailed in Section 11.3.1. The vehicular decontamination area will be located on City-owned land immediately north of Flint Street (a continuation of the 1320 S. Plymouth Avenue tax parcel) as depicted on [Figure 6](#).

11.3 MANAGEMENT OF INVESTIGATION-DERIVED WASTE

IDW produced during this project include soil, groundwater, decontamination water, personal protective equipment (PPE), and dedicated sampling equipment that may be potentially contaminated. IDW will be handled and disposed of in accordance with applicable state and federal regulations. Disposal options will be evaluated after characterization of the wastes. Unless otherwise mentioned, 55 gallon drums will be placed on pallets to allow for more efficient storage and handling.

The following paragraphs describe procedures to be followed for handling each waste material.

11.3.1 Decontamination Fluids

Decontamination fluids associated with drilling and sampling activities will be containerized in 55 gallon drums and then transferred to a 6,900 gallon frac tank and temporarily staged at the Site at a location convenient for transportation to and from the Site. At the conclusion of field activities, these materials will be appropriately characterized described above and, after receiving the necessary approvals, will be transported off-Site for treatment and/or disposal at a permitted facility.

11.3.2 Drilling Cuttings

Drill cuttings generated during the soil boring drilling program and installation of monitoring wells will be contained in 55 gallon drums and then transferred to a 12 cubic yard roll-off, as necessary, and temporarily staged at the Site at a location convenient for transportation to and from the Site. The drill cuttings staged in 55 gallon drums will be moved from drilling locations to the 12 cubic yard roll-off using a skid-steer. The cuttings will be labeled with the borehole identification and the date which the cuttings were initially containerized. This 12 cubic yard roll-off will be stored at a location convenient for transportation to and from the Site. The roll-off will also be covered with a tarp and fastened down when not in use to prevent the volatilization of contamination in the soil, airborne particulate matter (*i.e.*, dust) from wind erosion, collection of rainwater, and the general population from disposing of trash or other material into the container. The final disposition of the cuttings will be identified after the various analytical results from the investigation are available. Depending on the results of the investigation, and one waste characterization sample, it is assumed that various drill cuttings will be transported off-Site for disposal at a permitted facility.

11.3.3 Development and Purge Water

Water generated during this project will be containerized in a 6,900 gallon frac tank except as otherwise noted below. The water will be initially placed into a 55 gallon drum, transported to a central area via use of a skid-steer, and then pumped into the 6,900 gallon frac tank. The water will be temporarily staged at the Site at a location convenient for transportation to and from the Site. The final disposition of the water will be evaluated after the various analytical results from the investigation are available. Depending on the results of the investigation, and waste characterization samples, it is assumed that water will be transported off-Site for disposal at a permitted facility or appropriate permitting obtained for the discharge of the water to the municipal sanitary sewer system with appropriate pre-approval and permit.

If water/fluids are highly contaminated (based on analytical results, visual, and/or olfactory observations) of if NAPL is observed, these water/fluids will be containerized and stored within a separate secondary containment area capable of containing 110% of the volume of the largest container stored in the area. The secondary containment area will be covered with a tarp and/or polysheeting to prevent rain water from collecting.

Development and purge water will initially be containerized in 55 gallon drums (labeled with the date and contents, including well ID) staged near the groundwater monitoring wells.

Following receipt and review of the first round of groundwater sampling analytical results, the purge water may be discharged directly to the ground surface in the vicinity of the respective groundwater monitoring well. This will be dependent on discussion with the NYSDEC Project Manager after the first round of groundwater sampling has been performed. If contamination is present, the staged drums will be transported via skid-steer to the frac tank and then pumped into the frac tank.

11.3.4 Dedicated Sampling Equipment, Personal Protective Equipment (PPE), and General Refuse

Dedicated sampling equipment (*e.g.*, disposable polyethylene bailers, ground plastic, tubing), used PPE, and general refuse associated with the execution of field activities will be containerized in plastic trash bags and disposed of as general refuse in appropriate waste receptacles.

12. FIELD INSTRUMENTS AND CALIBRATION

Field analytical equipment will be calibrated prior to each daily sampling, or more frequently if required. The calibration procedures will conform to manufacturer's standard instructions. Calibration will be conducted in accordance with manufacturer's instructions such that the equipment is functioning within the allowable tolerances established by the manufacturer and required by the project. Instrument calibrations will be documented in the project field book. Records of instrument calibration will be maintained by the Field Team Leader. Copies of the instrument manuals will be maintained on-Site by the Field Team Leader. All changes to instrumentation will be noted in the field log book.

The following field instruments will be used during the investigation:

- Particulate meter;
- PID with 10.6 eV lamp;
- pH probe;
- Specific conductivity probe;
- Temperature probe;
- ORP probe;
- Dissolved oxygen probe; and
- Turbidity probe.

13. ANALYTICAL PROGRAM

13.1 ENVIRONMENTAL SAMPLE ANALYSES

The laboratory samples for each media and the chemical analyses to be performed, including the QA/QC samples are summarized in [Table 5](#) of the RI Work Plan. A more detailed discussion of the analytical methods and procedures is provided in the QCP.

13.2 IDW CHARACTERIZATION

Samples of IDW generated during the investigation will be collected as needed and characterized for disposal based on the requirements of the designated disposal facility.

Attachments

Attachment A

Test Pit Log



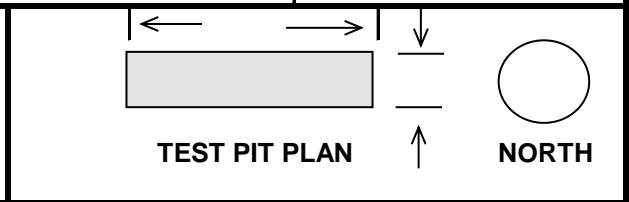
TEST PIT LOG

TEST PIT NO.

PROJECT:	JOB NO.:	
CLIENT:	GROUND ELEV.:	
CONTRACTOR:	DATUM:	
EQUIPMENT:	GROUND WATER DEPTH:	
OPERATOR:	TIME STARTED:	DATE STARTED:
INSPECTOR:	TIME FINISHED:	DATE FINISHED:

Depth Ft.	Sample #	Soil Classification	GEOLOGIC DESCRIPTION	REMARKS
1				
2				
3				
4				
5				
6				

TEST PIT LOCATION AND NOTES:



Attachment B

Chain of Custody



Sampler(s):
(Signature)

Laboratory: _____ **Holding Time:** _____

Package Requirement: _____

EDD Format: _____

Phone: _____

Contact: _____

Address: _____

Phone: _____

Email: _____

Project: _____

Location: _____

Lab Use Only

Project Number: _____

Job Number: _____

Lab ID: _____

Sample Identification		Date	Time	Sample Type (see key)	Sample Matrix (see key)	Number of Containers	Grab (G) or Composite (C)	Field Filtered? (Y / N)	Analysis Required								Reporting Units		
Unique Field Sample ID (sys_sample_code)	Sample Location								Preservatives: (see key at bottom)										
									0	0	0	0	0						
									TCL VOC plus TICs (8260)	TCL SVOC plus TICs (8270)	TAL Metals	Pesticides	PCBs	Herbicides					
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

EXAMPLE

Special Instructions: Per QCD

Relinquished by:	Date	Received by:	Date	Condition:	Other Comments or Notes regarding condition of samples as received:
of:	Time	of:	Time		
Relinquished by:	Date	Received by:	Date	Custody Seals intact?	
of:	Time	of:	Time		
Use this space if shipped via courier (e.g., Fed Ex)	Date	Courier Name:	Date	Cooler Temperature:	
Relinquished by:	Time		Time		

Sample Type: N = Normal env. sample, FD = field duplicate, EB = Equipment Blank, TB = Trip Blank, MS = Lab Matrix Spike, Other (Specify): _____

Sample Matrix: SE = Sediment, SO = Soil, WG = Ground Water, WS = Surface Water, WW = Waste Water, WP = Potable Water, AA = Ambient Air, WQ = Quality Control, Other (Specify): _____

Preservatives Code: 0 = none, 1 = HCL, 2 = HNO3, 3 = H2SO4, 4 = NaOH, 5 = Zn Acetate, 6 = MeOH, 7 = NaHSO4, 8 = other

Attachment C

Surface Soil Sample Log

SURFACE SOIL SAMPLE LOG

Project:	Date:
Project#:	Time:
Sample ID:	Sampler:

Sample Location:

Sample Collection Method _____

Sample Description _____

Sample Headspace (ppm) _____

Sample Analysis _____

Weather

Precipitation: _____

Wind: _____

Temperature: _____

Comments:

Attachment D

Soil Boring Log



SOIL BORING LOG

CLIENT:
PROJECT NAME:
PROJECT LOCATION:
FILE NO.:

Boring Location:
Drilling Equipment:
Sampling Equip.:
Borehole Diameter:
Total Depth: **Refusal: Y / N**
Depth to Groundwater:

Sketch Map

BORING COMPANY:
FOREMAN:
OBG PERSONNEL:

Start date:
Completion date:

DEPTH BELOW GRADE	NO.	SAMPLE INTERVAL (ft bg)	PENETR/ RECOVERY (inches)	ANALYTICAL SAMPLE INTERVAL (ft bg)	Blow Count	SAMPLE DESCRIPTION/ CLASSIFICATION	Field Testing	
							PID (screening) ppm	PID (jar) ppm
0	1	0-4						
1								
2								
3								
4	2	4 - 8						
5								
6								
7								
8	3	8 - 12						
9								
10								
11								
12	4	12 - 16						
13								
14								
15								
16								

Notes:

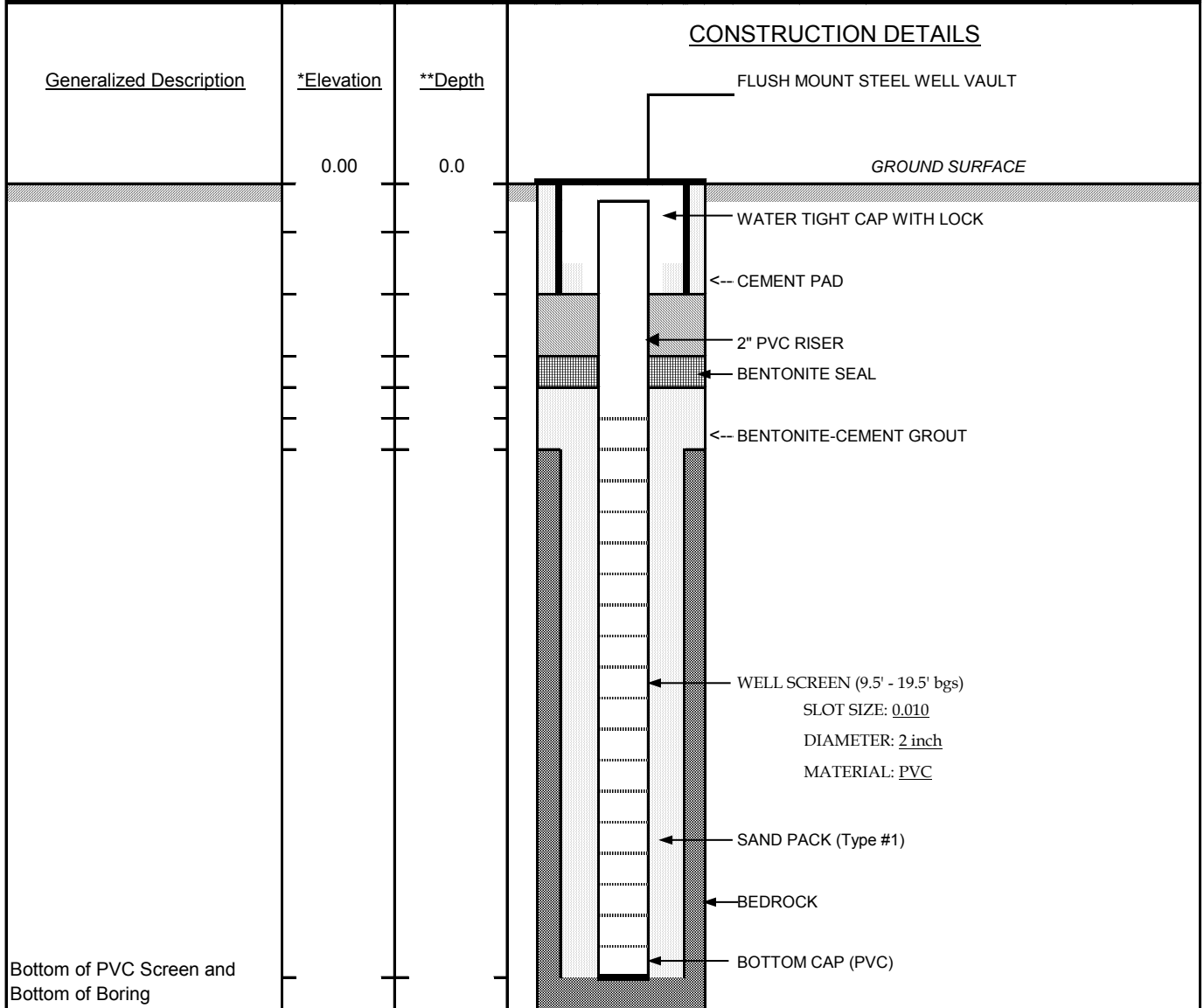
Signature:

Attachment E

Well Completion Log

MONITORING WELL CONSTRUCTION LOG

Project Name & Location		Project No.		Site Elevation Datum (feet) *		
Drilling Company		Foreman		Sampler	Fall	Hammer
Surveyor							Ground Elevation (feet)
Start Date:		Geologist		Top of Flush Mount Well Vault Elevation (feet)		
End Date:				Top of 4" Steel Riser Pipe Elevation (feet)		



REMARKS _____

** Depth in feet below ground surface (bgs).

Attachment F

Well Development Log

Attachment G

*Well Decommissioning
Record*

WELL DECOMMISSIONING RECORD

Site Name:	Well I.D.:
Site Location:	Driller:
Drilling Co.:	Inspector:
	Date:

DECOMMISSIONING DATA (Fill in all that apply)	WELL SCHEMATIC*
<p><u>OVERDRILLING</u></p> <p>Interval Drilled <input style="width: 100%;" type="text"/></p> <p>Drilling Method(s) <input style="width: 100%;" type="text"/></p> <p>Borehole Dia. (in.) <input style="width: 100%;" type="text"/></p> <p>Temporary Casing Installed? (y/n) <input style="width: 100%;" type="text"/></p> <p>Depth temporary casing installed <input style="width: 100%;" type="text"/></p> <p>Casing type/dia. (in.) <input style="width: 100%;" type="text"/></p> <p>Method of installing <input style="width: 100%;" type="text"/></p> <p><u>CASING PULLING</u></p> <p>Method employed <input style="width: 100%;" type="text"/></p> <p>Casing retrieved (feet) <input style="width: 100%;" type="text"/></p> <p>Casing type/dia. (in.) <input style="width: 100%;" type="text"/></p> <p><u>CASING PERFORATING</u></p> <p>Equipment used <input style="width: 100%;" type="text"/></p> <p>Number of perforations/foot <input style="width: 100%;" type="text"/></p> <p>Size of perforations <input style="width: 100%;" type="text"/></p> <p>Interval perforated <input style="width: 100%;" type="text"/></p> <p><u>GROUTING</u></p> <p>Interval grouted (FBLs) <input style="width: 100%;" type="text"/></p> <p># of batches prepared <input style="width: 100%;" type="text"/></p> <p>For each batch record:</p> <p>Quantity of water used (gal.) <input style="width: 100%;" type="text"/></p> <p>Quantity of cement used (lbs.) <input style="width: 100%;" type="text"/></p> <p>Cement type <input style="width: 100%;" type="text"/></p> <p>Quantity of bentonite used (lbs.) <input style="width: 100%;" type="text"/></p> <p>Quantity of calcium chloride used (lbs.) <input style="width: 100%;" type="text"/></p> <p>Volume of grout prepared (gal.) <input style="width: 100%;" type="text"/></p> <p>Volume of grout used (gal.) <input style="width: 100%;" type="text"/></p>	<p>Depth (feet)</p>

EXAMPLE

COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor _____

Department Representative _____

Attachment H

*Low Flow Groundwater
Sampling Log*

Attachment I

*Hydraulic Conductivity
Test Log*

Project Number: _____

Date: _____ Site Name: _____ Site Location: _____

Personnel: _____ Weather: _____ Piezometer: _____

Slug type: _____ solid PVC length _____ ft _____ water length _____ ft
 _____ compressed air

Transducer: type: _____ serial #: _____ depth set below top of casing: _____

Data Logger: manufacturer: _____ model #: _____ serial #: _____

Timing device: manufacturer: _____ model #: _____ serial #: _____

Test Objective: _____

Test Limitations: _____

Correlatable Data Bases: _____

Piezometer Condition: _____ obstructions: _____ siltation: _____

Screen Interval: depth to top of screen from top of casing: _____ ft screen length: _____ ft
 screened lithology: _____

Static Head: initial: _____ ft with transducer: _____ ft
(below top of casing)

Total depth of piezometer: _____ ft Length of water column: _____ ft
 screen fully submerged: _____ partially submerged: _____

Test Method: _____ rising head _____ falling head

Head Change: feet of head change during test: _____ ft sufficient for test: _____ yes _____ no

Data Logging Interval(s), in seconds or minutes: early _____ middle _____ end _____

Well Recovery % at end of test: _____%

Was preliminary data evaluation completed? _____ yes _____ no

Was the instantaneous head change sufficient to observe a meaningful water level response? _____ yes _____ no

Were sufficient data points collected to define the water level recovery for the slug test? _____ yes _____ no

Is the test consistent with pre-test expectations? _____ yes _____ no

Was the slug test successful? _____ yes _____ no

Test data copied to disk and labeled: _____ yes _____ no filename: _____

If the test was not successful, reevaluate test design and complete new test.

Attachment J

*Air/Soil Vapor Sampling
Form*



Air/Soil Vapor Sampling Form

Project # _____ Date _____

Project Name _____ Collector _____

Type of sample:
(Circle one)

Indoor air

Substructure soil gas

Ambient air

Soil gas

Sample Location

Canister Record

Canister ID _____
Flow controller ID _____
Sample duration _____
Sampling rate _____

Sample ID _____

Date/Time start _____

Start pressure _____

Date/Time end _____

End pressure _____

Complete all that apply:

Air temperature (°F) _____ PID meter ID _____ % O₂ _____

Barometric pressure _____ FID meter ID _____ % CO₂ _____

PID reading (ppmv) _____ Gas analyzer ID _____ % CH₄ _____

FID reading (ppmv) _____ Ft. tubing used _____

For indoor location:

Noticeable odor _____

Floor slab depth _____

Intake height above floor (ft) _____

Intake depth below floor (ft) _____

Ground surface type _____

Potential vapor entry points observed _____

Room _____

Story/level _____

For outdoor location:

Noticeable odor _____

Distance to road (ft) _____

Direction to closest building (degrees) _____

Distance to closest building (ft) _____

Intake height above ground level (ft) _____

Intake depth below ground level (ft) _____

Soil type _____

Comments: _____

Analytical method required EPA Method TO-15

Laboratory used _____

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Appendix B
Quality Control Plan

QUALITY CONTROL PLAN

**Brownfield Cleanup Program
Remedial Investigation
Portion of Former Vacuum Oil Refinery
Site No. C828190**

**City of Rochester
Portion of Former Vacuum Oil Refinery
1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place;
102 Violetta Street; and 1320 S. Plymouth Avenue
Rochester, New York**

October 2015

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QCP DOCUMENT DISTRIBUTION

- 1) Frank Sowers - NYSDEC
- 2) Joseph Biondolillo – City of Rochester
- 3) Kevin Ignaszak – O’Brien & Gere
- 4) Janice Jaeger – ALS Group USA Corp (ALS) – Laboratory Manager
- 5) Data Validation will be performed by Ms. Linda Yates (independent WBE), Ms. Jodi Zimmerman (independent WBE), or Ms. Karen Storne (OBG) depending on availability.

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- 2-2B.** Laboratory limits and regulatory limits for VOCs in soil samples
- 2-2C.** Volatile organic compounds using USEPA Method TO-15 Quality Control Requirements and Corrective Actions
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- 2-3A.** Laboratory limits and regulatory limits for SVOCs in aqueous samples
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1. INTRODUCTION

This Quality Control Plan (QCP) has been developed by O'Brien & Gere (OBG) on behalf of the City of Rochester (City) for the Remedial Investigation (RI) at a portion of the former Vacuum Oil Refinery consisting of eight City-owned parcels 1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place; 102 Violetta Street; and 1320 S. Plymouth Avenue (Site) located in Rochester, New York.

Data gaps remain for the purpose of further evaluating the horizontal and vertical extent of contamination and characterizing surface and subsurface impacts on the Site.

The objective of the RI Work Plan includes, but is not limited to the following;

- Delineation of the horizontal and vertical extent of contamination at the Site;
- Characterization of the surface and subsurface impacts to the Site;
- Identification of the source(s) of contamination, migration pathways, and actual or potential receptors of contaminants;
- Evaluation of the actual or potential threats to public health and environment;
- Production of data of sufficient quantity and quality to support the evaluation of proposed remedial alternatives.

The City has entered the BCP as a Volunteer, and as such, the delineation and extent of off-Site contamination is not required; however, the contaminants migrating off-Site, the location(s), and environmental media will be evaluated.

Additional RI Work Plan Addenda will be prepared and implemented, as needed, to achieve the objectives of the RI.

The information will be used to identify if remedial measures are necessary and to allow for future redevelopment of the Site to occur.

This QCP presents the investigation objectives and quality assurance/quality control (QA/QC) activities and associated work efforts associated with sampling and analysis of environmental samples at the Site. The procedures in this QCP are designed to be followed by personnel participating in the field investigation and in the laboratory analyses of environmental samples and the data validation performed on the samples.

2. PROJECT BACKGROUND AND DESCRIPTION

This section presents the project Site location, description, and brief Site history.

2.1 PROJECT BACKGROUND

The Site is located at 1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place; 102 Violetta Street; and 1320 S. Plymouth Avenue in Rochester, Monroe County, New York and encompasses approximately 15.4 acres.

The Site is bordered by the Genesee River to the east/southeast/south beyond a narrow strip of New York State-owned land, residential property to the west, vacant land (formerly a junkyard addressed as 15 Flint Street) to the northwest, and Flint Street with commercial land to the north across Flint Street. Vacant land addressed as 5 Flint Street and containing a single, three-story building is also located near the north end of the Site. Although 5 Flint Street is located on the northern side of the Site, the Site also wraps around 5 Flint Street in a “U” shape.

The Site was historically operated as a part of a petroleum refinery blending and bulk oil storage facility from approximately 1866 to 1930. Crude oil, kerosene, naphtha, finished lubricants, and containers for these products (*e.g.*, wooden barrels, tin cans, and drums) were manufactured and stored on Site. Operations and facilities that formerly occupied the Site include former canal beds, rail yard including tank car use and cleaning, barrel manufacturing plant, numerous storage areas, and underground facilities that previously serviced Site operations (*e.g.*, utilities, sewers, and piping).

While most of the abovegrade structures have been demolished and removed, some remnants of former structures remain. It is unknown as to what subsurface structures remain. Based on historic aerial photographs, the structures were removed sometime between 1926 and 1958. An asphalt-paved bicycle/walking path runs through the entire eastern side of the Site from the north end of the property to the south of the property and beyond in both directions. An approximate 1.2 acre grass-covered area is located on the eastern boundary of the Site along the Genesee River. The rest of the Site is undeveloped (with the exception of the historic items mentioned above) and consists of wooded and vegetative areas.

Subsurface environmental investigations were conducted at the Site by ExxonMobil in 2008 to evaluate surface soil, subsurface soil, and groundwater conditions. These investigations were conducted on approximately 27 acres of the Vacuum Oil Site and included properties owned by both the City (approximately 15.4 acres) and private individuals. The investigations identified the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and polychlorinated biphenyls (PCBs) in both soil and groundwater.

The Site was subsequently entered into the Brownfield Cleanup Program on April 6, 2015 as Site No. C828190.

2.2 PROJECT SCOPE

Data gaps remain for the purpose of further evaluating the horizontal and vertical extent of contamination and characterizing surface and subsurface impacts on the Site.

The objective of the RI Work Plan includes, but is not limited to the following;

- Delineation of the horizontal and vertical extent of contamination at the Site;
- Characterization of the surface and subsurface impacts to the Site;
- Identification of the source(s) of contamination, migration pathways, and actual or potential receptors of contaminants;
- Evaluation of the actual or potential threats to public health and environment;
- Production of data of sufficient quantity and quality to support the evaluation of proposed remedial alternatives.

The City has entered the BCP as a Volunteer, and as such, the delineation and extent of off-Site contamination is not required; however, the contaminants migrating off-Site, the location(s), and environmental media will be evaluated.

Additional RI Work Plan Addenda will be prepared and implemented, as needed, to achieve the objectives of the RI.

The information will be used to identify if remedial measures are necessary and to allow for future redevelopment of the Site to occur.

Sampling locations are presented in the RI Work Plan.

2.2.1. Laboratory Analysis

The surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater samples will be submitted to ALS located in Rochester, New York for the analyses listed in [Table 2-1](#). ALS is an Environmental Laboratory Approval Program (ELAP)-certified and National Environmental Laboratory Accreditation Program/Conference (NELAP)-certified laboratory (Certification Number 10145).

[Table 2-1](#) presents the analytical methods, sample collection containers and volumes, preservation, holding times, and associated quality control sample frequency.

The target analytes are listed in [Table 2-2A](#), [Table 2-2B](#), [Table 2-2E](#), [Table 2-3A](#), [Table 2-3B](#), [Table 2-4A](#), [Table 2-4B](#), [Table 2-5A](#), [Table 2-5B](#), [Table 2-6A](#), and [Table 2-6B](#).

The QC requirements and corrective actions listed in [Tables 2-6](#) through [2-11](#), which supplement the method requirements, are to be followed by the laboratory.

ALS will perform the analyses for this project and will be responsible for the quality control of the data reported for this project.

ALS will evaluate non-detected results for surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater to the method detection limits (MDLs) and report the non-detected results referencing the quantitation limit (QL).

The QL concentration is established by the lowest standard in the instrument calibration. For the remaining data, results that are less than the QLs but greater than or equal to the MDLs will be reported using the "J" flag. For example, for a target analyte with a QL of 10 micrograms per liter ($\mu\text{g}/\text{L}$) and an MDL of 2 $\mu\text{g}/\text{L}$, a non-detected result is reported as 10 $\mu\text{g}/\text{L}$ "U", indicating that a concentration greater than or equal to the MDL was not detected by the laboratory. A detected concentration of 6 $\mu\text{g}/\text{L}$ is reported as 6 "J" and a detected concentration of 23 $\mu\text{g}/\text{L}$ is reported without a laboratory flag. The laboratory must include both QLs and MDLs on the sample result sheet reported to the data user.

Where applicable, the QLs and MDLs listed in [Table 2-2A](#), [Table 2-2B](#), [Table 2-2E](#), [Table 2-3A](#), [Table 2-3B](#), [Table 2-4A](#), [Table 2-4B](#), [Table 2-5A](#), [Table 2-5B](#), [Table 2-6A](#), and [Table 2-6B](#), or the most recent MDLs and QLs, will be reported by the laboratory.

The laboratory will provide sample containers for the investigation, prepared in accordance with method requirements.

Communications with the Consultant or City personnel will be documented by the laboratory in the data packages.

The analytical data will be reported in NYSDEC Analytical Services Protocol (ASP) Category B deliverable format, including the forms described in the NYSDEC guidance, in both hardcopy and electronic data format.

2.2.2. Data Validation

Following completion of investigation activities and receipt of final laboratory data, data validation will be performed in accordance with this QCP applying current NYSDEC Data Usability Summary Report (DUSR) guidance.

2.2.3. Documentation

Laboratory analytical data will be provided in electronic data deliverable (EDD) format, in accordance with the laboratory's internal protocol for deliverable requirements for electronic data. NYSDEC requires that all data submitted to the Department of Environmental Remediation (DER) must be in a NYSDEC-approved EDD. The EDD will be submitted within 90 days of receipt of validated laboratory analytical data.

Associated data validation qualifiers will be manually entered into a spreadsheet by the validator and then imported into EQUiS™ by OBG prior to NYSDEC submission.

Electronic records will be incorporated into the final project files for the samples. The field logs, data packages, and records will be included in the project files, which will be archived by the Consultant for a period of ten years.

3. DATA QUALITY OBJECTIVES AND CRITERIA

The Data Quality Objective (DQO) Process, as it has been applied to this RI, comprises the following steps, consistent with guidance presented in the United States Environmental Protection Agency (USEPA) Guidance for the Data Quality Objectives Process (EPA QA/G-4), February 2006. The DQO process establishes the acceptance criteria, which serve as the basis for collecting data of sufficient quality and quantity to support the goals of the project activities.

3.1. DQO PROCESS

The process consists of the following seven iterative steps for the DQO process:

- 6) **Step 1** - State the Problem – Additional investigations are required to evaluate the extent of contamination in surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater for the purpose of evaluating remedial options that are consistent with its future use.
- 7) **Step 2** - Identify the Goal of the Study –
 - » Evaluate the presence, concentrations, and extent of VOCs, SVOCs, metals, PCBs, and pesticides in surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater.
 - » Evaluate potential receptors and exposure pathways of contaminants that are present at the Site
- 8) **Step 3** - Identify information inputs (the data types that will be required before project decisions can be made) - The primary required data types will be analytical results from surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater results from the Site.
- 9) **Step 4** - Define the Boundaries of the Study (the spatial and temporal features pertinent for decision making).
- 10) **Step 5** - Develop the analytic approach (how will the study results be analyzed and conclusions made from the data) - Based on the results of previous investigations, additional RI activities are necessary to fill the data gaps that remain to fully characterize the Site.
- 11) **Step 6** - Specify performance or acceptance criteria (performance or acceptance criteria that the collected data will need to achieve) - Data must be of known quality relative to its intended purpose. Completeness is the measure of the amount of valid data obtained from a measurement system compared to the amount expected to be obtained under normal conditions. If the completeness objective of 95 percent is not met, additional sampling may be justified.

- 12) Step 7** - Develop the plan for obtaining data - The surface soil, subsurface soil, soil vapor, overburden and bedrock groundwater samples will be collected and analyzed as described in the Work Plan and this QCP.

The following remediation criteria will be utilized to evaluate data from the sampling events:

- Surface and subsurface soil data will be compared to one or more applicable values, including, but not limited to the following:
 - » Unrestricted Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(a), dated December 14, 2006;
 - » Residential Use SCOs referenced in Part 375, Table 375-6.8(b);
 - » Restricted Residential Use SCOs referenced in Part 375, Table 375-6.8(b);
 - » Protection of Groundwater SCOs referenced in Part 375, Table 375-6.8(b);
 - » Protection of Ecological Resources SCOs referenced in Part 375, Table 375-6.8(b);
 - » Residential Use Supplemental SCOs (SSCOs) referenced in the NYSDEC Commissioners Policy/51 (CP-51) Soil Cleanup Guidance Document, Table 1, issued October 21, 2010;
 - » Restricted Residential Use SSCO referenced in CP-51 Table 1;
 - » Protection of Groundwater SSCO referenced in CP-51 Table 1; and
 - » Protection of Ecological Resources SSCO referenced in CP-51 Table 1.
- Overburden and bedrock groundwater data will be compared to applicable values provided in the New York State Ambient Water Quality Standards and Guidance values, referenced in Table 1 of the NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 document titled Ambient Water Quality Standard and Guidance Values and Groundwater Effluent Limitations (TOGS 1.1.1) dated June 1998 (as amended by addendum dated April 2000 and June 2004). Overburden and bedrock groundwater will be compared to the class "GA."

4. PROJECT ORGANIZATION AND RESPONSIBILITY

The consultant will be responsible for project management, sample collection, data validation and data reporting. ALS will perform sample analyses for surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater. Responsibilities for key project team members are summarized below.

4.1. REGULATORY AGENCY AND CLIENT KEY PERSONNEL

4.1.1. NYSDEC PROJECT MANAGER

Mr. Frank Sowers is the NYSDEC Project Manager for the Site. As such, he will be responsible for reviewing submissions and overseeing project activities on behalf of NYSDEC.

4.1.2. CITY PROJECT MANAGER

Mr. Joseph Biondolillo is the City Project Manager for the Site. As such, he will be responsible for reviewing submissions and overseeing project activities.

4.2. CONSULTANT KEY PERSONNEL

4.2.1. Consultant Project Officer

The Consultant Project Officer will be Doug Crawford and has overall responsibility for meeting the stated project objectives. In addition, he is responsible for providing the Project Manager with access to consultant resources.

4.2.2. Consultant Project Manager

The Consultant Project Manager will be Deborah Wright and is responsible for implementing the project and has the authority to commit the resources necessary to meet project objectives and requirements. The primary function of the Project Manager is to meet the technical, financial, and scheduling objectives and will provide direction to Project Team.

4.2.3. QA Officer

The QA Officer (QAO) for this project will be Karen Storne and will manage and be responsible for QA/QC review of data generated during the sample collection activities. Data processing and validation will be overseen and reviewed by the Consultant QAO. If QA problems or deficiencies requiring special action are identified, the Consultant QAO, Project Manager, and Project Officer will determine the appropriate corrective action. The QAO will then be responsible for follow-up and oversight of corrective action implementation, to the satisfaction of IFR Development and the NYSDEC.

The QAO may perform data validation activities or designate additional data validators to work under their direction. Data validators will be responsible for review of laboratory data for compliance with the project-specific DQOs and for such parameters as precision, accuracy, representativeness, comparability, sensitivity and completeness. Data validators will notify the QAO of any major QA deficiencies.

4.2.4. Field Investigation Manager

The Field Investigation Manager, Anthony DiNardo, will be responsible for directing and coordinating the day-to-day activities while field activities are underway.

The Field Investigation Manager's responsibilities include:

- Communicate and coordinate with the City and the laboratory prior to sample collection and during shipment of sample coolers to the laboratory;
- Develop and implement field-related sampling plans and schedule;
- Coordinate and manage field staff;
- Supervise or act as the field sample custodian;
- Implement QC for technical data, including field measurements;

- Adhere to work schedules;
- Coordinate and oversee technical efforts of subcontractors assisting the field team;
- Identify problems at the field team level and resolve difficulties; and
- Implement and document corrective action procedures.

4.2.5. Field Sampling Personnel

Field sampling personnel will be responsible for collection, packaging, preservation, and shipping of environmental samples in accordance with the QCP and applicable NYSDEC requirements. Field sampling personnel will also collect field data and monitor Site health and safety. Mr. Dennis Peck, City Division of Environmental Quality (DEQ) Technician, will assist O'Brien & Gere field sampling personnel with several tasks.

4.2.6. Health and Safety Coordinator

The Health & Safety Coordinator will be responsible for monitoring Site health and safety during the sampling events.

4.3. LABORATORY MANAGEMENT

ALS will analyze surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater samples collected during the sampling activities and submitted for the majority of the analyses.

The laboratory shipping addresses and National Environmental Laboratory Accreditation Conference (NELAC) Certification numbers are as follows: #10145.

4.3.1. Laboratory Project Manager

Ms. Janice Jaeger is the Laboratory Project Manager for ALS. The Laboratory Project Manager will be responsible for:

- Coordinating laboratory analysis;
- Supervising in-house chain-of-custody documents;
- Scheduling sample analysis;
- Overseeing data review; and
- Overseeing preparation of analytical reports.

It will be the responsibility of the Laboratory Project Manager to approve final analytical reports prior to submission to the consultant.

5. CHAIN-OF-CUSTODY AND SAMPLING HANDLING PROCEDURES

5.1. FIELD AND LABORATORY CUSTODY PROCEDURES

Chain-of-custody procedures will be instituted and followed throughout the investigation. These procedures include field custody, laboratory custody, and evidence files. Samples are physical evidence and will be handled according to strict chain-of-custody protocols. The QAO must be prepared to produce documentation that traces the samples from the field to the laboratory and through analysis. USEPA has defined custody of evidence as follows:

- In actual possession;
- In view after being in physical possession;
- In a locked laboratory; and
- In a secure, restricted area.

5.2. SAMPLE CONTAINERS AND FIELD STORAGE

ALS will supply appropriate sample containers for surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater samples in coolers as well as preservatives (as presented in [Table 2-1](#)). QA measures for these samples will begin with the sample containers; pre-cleaned containers will be purchased from a USEPA-certified manufacturer (I-Chem 200 or equivalent).

Immediately after collection, samples will be transferred to properly labeled sample containers, and properly preserved. [Table 2-1](#) lists the proper sample container, sample volumes, preservation, and holding times.

Samples requiring refrigeration for preservation will be promptly transferred to coolers packed with wet ice and/or ice packs. If field storage is required, the samples will be stored in a secured storage facility and a cooler temperature of $4\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$ will be maintained.

5.3. FIELD DOCUMENTATION

The field sampler is personally responsible for the care and custody of the sample until transferred.

The field logbook will be used to note information regarding collection of samples and any observations. All entries will be signed and dated. Field logbooks will be waterproof and bound. The logbook will be dedicated to the project and pages will not be removed. Corrections will be made by drawing a single line through the incorrect data and initialing and dating the correction that was made to the side of the error. An initialed diagonal line will be used to indicate the end of an entry or the end of the day's activities.

The following information will be recorded in the field logbook by the field sampling team:

- Name and title of author, date, and time of site entry, and physical/environmental conditions during the field activity;
- Project number, client name, and Site name;
- Name and title of field crew members;
- Sample media;
- Sample collection method, including equipment utilized;
- Number and volume of samples collected;
- Description of sample locations;
- Date and start and end time of sample collection;
- Diagrams of sampling process;
- Sample and QA/QC identification numbers;

- Sample distribution;
- Field observations;
- Field measurements made and equipment used;
- Calculations, results, and calibration data for field sampling and measurements;
- References for maps and photographs of the sample location;
- Bottle lot numbers; and
- Dates and method of sample shipments.

A completed sample identification label or tag that will be sequentially numbered, will be attached to each investigative or QC sample and the sample placed in a shipping container. The identification on the label/tag must be sufficient to enable cross-reference with the logbook. The sample label/tag will be recorded using waterproof, non-erasable ink and will be attached to the sample container using adhesive.

The sample labels/tags will contain the following information:

- Sample location/number identification;
- Site/Project name;
- Date and time of sample collection;
- Designation of the sample as a grab or composite;
- Type of sample matrix;
- Name/initials of the sampler;
- Whether the sample is preserved or unpreserved;
- Space for laboratory sample number (only on the sample tag); and
- General types of analysis to be performed.

5.4. FIELD CUSTODY PROCEDURES AND DOCUMENTATION

For surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater samples, chain-of-custody records will be kept starting at the time that sample containers are placed in the coolers for transportation to the laboratory. One completed chain-of-custody record must be kept with each sample cooler at all times. Example chain-of-custody forms are provided in the laboratory's Quality Assurance Manual (QAM).

The following measures will be taken when completing a chain-of-custody record:

- Chain-of-custody forms will be completed in waterproof, non-erasable ink;
- Chain-of-custody forms will be completed neatly using printed text. If a simple mistake is made, the error will be lined out with a single line and initialed and dated;
- Each separate sample entry will be sequentially numbered;
- The use of "Ditto" or quotation marks to indicate repetitive information in columnar entries should be avoided. If numerous repetitive entries must be made in the same column, a continuous vertical arrow will be used between the first entry and the next different entry;
- When more than one chain-of-custody form is used for a single shipment, each form will be consecutively numbered using the "Page ___ of ___" format;
- If necessary, additional instructions will be placed directly onto the chain-of-custody form; and
- Acronyms used on a chain-of-custody form will be defined.

For surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater samples, the chain-of-custody form will contain the following information:

- Project identification and number;
- Sample description/location;
- Required analysis;
- Date and time of sample collection;
- Type and matrix of sample;
- Number of sample containers;
- Analysis requested/comments;
- Sampler signature/date/time;
- Date and signature of the field representative;
- Date and signature of the laboratory representative;
- Carrier used to ship coolers; and
- Air bill number (if shipped by a commercial carrier).

In the case that high concentrations are suspected to be present in the samples, a note to that effect will be included on the chain-of-custody form.

Environmental samples will be packed prior to shipment using the following procedures (where applicable):

- Select a sturdy cooler in good repair and clean. Secure and tape the drain plug with fiber or duct tape.
- Be sure the lids on all bottles are tight (will not leak) and baggies are sealed.
- Where applicable, add ice that has been placed in heavy-duty polyethylene bags and properly sealed on top of or between the samples. Pack samples securely to eliminate breakage during shipment with ice packs to maintain the inside temperature at approximately $4\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$.
- Sampling containers will be packed with packing materials. When possible, sample container preparation and packing for shipment will be completed in a well-organized and clean area. Sample containers will be prepared for shipment by wiping containers clean of debris/water using paper towels. Paper towels will be disposed with the personal protective equipment (PPE).
- Place chain-of-custody record into a Ziploc® plastic bag, tape the bag to the inner side of the cooler lid, and close the cooler and securely tape (preferably with fiber tape) the top of the cooler shut. Two custody seals will be affixed to the latch and lid of the cooler. The number of the security seal will be recorded on the chain-of-custody form. The custody seals will consist of adhesive-backed tape that easily rips if it is disturbed. The field sampler will initial and date the seal. The seals must be broken to open the cooler and will indicate tampering if the seal is broken before receipt at the laboratory.
- A label containing the name and address of the shipper will be placed on the outside of the container.

5.5. SAMPLE TRANSPORTATION

ALS will provide a laboratory courier for sample pick up at the Site. Prior to shipment of sample coolers, the field sampling team will contact the laboratory to notify the laboratory of the shipment.

Samples will remain in the custody of the sampler until transfer of custody is completed. Transfer consists of:

- Delivery of samples to the client or Laboratory Sample Custodian; and/or
- Signature of the Laboratory Sample Custodian on the chain-of-custody form as receiving the samples and signature of sampler as relinquishing the samples.

The field sampling team will hand deliver coolers or arrange for laboratory courier pick up at the Site.

The chain-of-custody document will be completed by the field sampler and provided for each sample cooler or box. When transferring the possession of samples, individuals relinquishing and receiving will sign, date, and note the time on the chain-of-custody. Custody of samples must be continuous between parties and time gaps must not be present. Each shipment of samples to the laboratory must have its own chain-of-custody record with the contents of the shipment, method of shipment, name of courier, and other pertinent information written on the record. The original record accompanies the shipment and the copies are kept with the field logbook and distributed to the Consultant Project Manager. The laboratory will be notified daily of each sample shipment.

Samples must be sent to the laboratory as soon as practicable. Generally, samples should be received by the laboratory within 72 hours of sampling.

5.6. LABORATORY CUSTODY PROCEDURES

Laboratory custody procedures continue when the samples are received by the laboratory. When the samples arrive at the laboratory, the Laboratory Sample Custodian will note the cooler temperature on the chain-of-custody form, where applicable. If the cooler temperature is greater than 6 °C, the Consultant Project Manager will be notified.

The Laboratory Sample Custodian's duties and responsibilities upon sample receipt will be to:

- Document receipt of samples by signing the record with the date and time of sample receipt;
- Note the cooler temperature on the chain-of-custody form;
- Inspect sample shipping containers for the presence or absence of custody seals (only if shipped via overnight courier) and for container integrity;
- Sign the appropriate forms or documents, verify, and record the agreement or disagreement of information on sample documents and, if there are discrepancies, record the problem and notify the Consultant Project Manager;
- Assign a number for each sample upon receipt. That sample number will be placed on the sample label which will remain attached to the sample container;
- Log sample information into the laboratory sample tracking system;
- Label sample with a unique, sequential laboratory sample number; and
- Place samples in the walk-in cooler or sample storage area that is a secure, limited-access storage.

If QC samples have not been properly identified during sample collection, the Laboratory Project Manager will contact the Consultant Project Manager to assign QC samples prior to the start of sample analysis.

The laboratory will immediately contact the Consultant Project Manager if issues pertaining to sample condition or documentation are detected (*e.g.*, broken security seal; broken, open, or otherwise compromised sample containers; chain-of-custody information in disagreement with sample labels).

5.7. FINAL EVIDENCE FILES

The final evidence file will be the central repository for documents that constitute evidence relevant to sampling and analysis activities as described in this QCP. Consultant is the custodian of the evidence file and maintains the contents of evidence files for the Site, including relevant records, reported, logs, field notebooks, pictures, subcontractor reports, and data reviews.

Copies of the laboratory data packages will be stored by the laboratory for incorporation into the sample file. The Laboratory Project Manager will be responsible for laboratory data packages.

Upon completion of the analyses, the Consultant Project Manager will begin assimilating the field and laboratory data. In this way, the file for the samples will be generated. The final file for the sample will be stored by the Consultant and will consist of the following:

- Laboratory data packages, including summary and raw data from the analysis of environmental and QC samples, chromatograms, mass spectra, calibration data, work sheets, and sample preparation log;
- Chain-of-custody records;
- Data validation reports;
- Field notebooks and data;
- Field collection report;
- Pictures and drawings, if applicable;
- Progress and QA reports;
- Contractor and subcontractor reports; and
- Correspondence.

The evidence file must be maintained in a secured, limited access area until submittals for the project have been reviewed and approved, and for a minimum of 10 years past the submittal date of the final report.

6. LABORATORY SAMPLE STORAGE AND HANDLING

At the laboratory, the analysts will be required to log samples and extracts in and out of storage as the analysis proceeds.

There must not be a lapse in the custody for the sample containers and exchanges of custody must be documented on the form. Samples will be returned to secure storage at the close of business. Care must be exercised to properly complete, date, and sign records needed to generate the data package.

Procedures to be followed by the laboratory include:

- Samples will be handled by the minimum number of people possible;
- The laboratory will set aside a secured sample storage area consisting of a clean, dry, refrigerated, isolated room;
- A specific person will be designated sample custodian. Incoming samples will be received by the custodian who will indicate receipt by signing the chain-of-custody form;
- The custodian will ensure that samples which are heat-sensitive, light-sensitive, radioactive, or which require special handling in other ways, are properly stored and maintained prior to analysis;
- The analytical area will be restricted to authorized personnel only; and
- After sample analyses are complete, the analytical data will be kept secured and released to authorized personnel only.

7. ANALYTICAL METHODS, TARGET ANALYTES AND REGULATORY CRITERIA

Table 2-2A, Table 2-2B, Table 2-2E, Table 2-3A, Table 2-3B, Table 2-4A, Table 2-4B, Table 2-5A, Table 2-5B, Table 2-6A, and Table 2-6B present the analytical methods, target analytes, detection limits and regulatory criteria for the sampling activities.

7.1. ANALYTICAL METHODS AND LABORATORY ANALYSIS

To obtain data of a quality sufficient to meet the project DQOs, the following methods will be used for analysis of the samples collected for the RI, if the analyses are identified in the RI Work Plan:

- VOCs and SVOC analyses by gas chromatography/mass spectrometry (GC/MS);
- PCBs by GC;
- Metals by inductively coupled plasma (ICP);
- Pesticides by GC;
- Mercury by cold-vapor atomic absorption; and
- Total cyanide by colorimetric technique.

The laboratory will adhere to the specific analyses and QA/QC requirements in the analytical methods listed in **Table 2-1** and additional requirements listed in this QCP. The most recent laboratory control limits for accuracy and precision, will be used to evaluate the sample data. In addition, the QC requirements and corrective actions listed in **Tables 2-6 to 2-11**, which augment the method requirements, will be followed by the laboratory.

In the event of an analytical system failure, the Laboratory Project Manager will identify the situation and provide corrective action guidance. The Consultant QAO will be notified and the situation will be documented in the data package case narrative.

Matrix interferences will be identified and documented during the analytical process. Samples may be diluted only if analytes of concern generate responses in excess of the linear range of the instrument. MDLs and QLs may only be achieved in an undiluted sample free of matrix interferences or of high concentrations of target analytes. If matrix interferences are encountered or if high concentrations of target compounds are present, established MDLs and QLs may not be achievable without impacting the instrument quality. If the laboratory has taken appropriate actions and matrix interferences prevent the laboratory from achieving the specified detection limits, the Consultant QAO will be contacted as soon as the situation is identified. The Laboratory Project Manager will document, in the data package case narrative, how the laboratory demonstrated good analytical practices in order to attempt to achieve the specified reporting detection limits.

Blanks will not be subtracted from target analyte results.

The generated data will be input into the laboratory database management system.

Complete descriptions of analytical procedures to be used in the laboratory are described in the methods, the QC requirements and corrective actions listed in this QCP and the laboratory SOPs. The laboratory SOPs and QAM are available upon request.

7.2. TARGET ANALYTES AND DETECTION LIMITS

The MDL is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix containing the analyte. The QL is the lowest concentration that can be reliably quantified within specified limits of precision and accuracy during routine laboratory operations.

ALS will evaluate non-detected results for surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater to the MDLs and report the non-detected results referencing the QL. The QL concentration is established by the lowest standard in the instrument calibration.

For the remaining data, results that are less than the QLs but greater than or equal to the MDLs will be reported using the "J" flag. For example, for a target analyte with a QL of 10 µg/L and an MDL of 2 µg/L, a non-detected result is reported as 10 µg/L "U", indicating that a concentration greater than or equal to the MDL was not detected by the laboratory. A detected concentration of 6 µg/L is reported as 6 "J" and a detected concentration of 23 µg/L is reported without a laboratory flag. The laboratory must include both QLs and MDLs on the sample result sheet reported to the data user.

The QLs and MDLs listed in [Table 2-2A](#), [Table 2-2B](#), [Table 2-2E](#), [Table 2-3A](#), [Table 2-3B](#), [Table 2-4A](#), [Table 2-4B](#), [Table 2-5A](#), [Table 2-5B](#), [Table 2-6A](#), and [Table 2-6B](#), or the most recent MDLs and QLs, will be reported by the laboratory on the sample result sheets. Laboratories periodically update the MDL and QL values as part of internal laboratory policy.

The lowest calibration standard will establish the QLs for the target analytes that will be reported by the laboratory.

7.3. REGULATORY CRITERIA

[Table 2-2A](#), [Table 2-2B](#), [Table 2-2E](#), [Table 2-3A](#), [Table 2-3B](#), [Table 2-4A](#), [Table 2-4B](#), [Table 2-5A](#), [Table 2-5B](#), [Table 2-6A](#), and [Table 2-6B](#) present the applicable regulatory criteria which will be used to evaluate analytical data for the sampling activities. The following remediation standards are applicable to the RI activities and will be utilized to evaluate data from the sampling events:

- Surface and subsurface soil data will be compared to one or more applicable values, including, but not limited to the following:
 - » Unrestricted Use Soil SCOs in Part 375;
 - » Residential Use SCOs referenced in Part 375, Table 375-6.8(b);
 - » Restricted Residential Use SCOs referenced in Part 375, Table 375-6.8(b);
 - » Protection of Groundwater SCOs referenced in Part 375, Table 375-6.8(b);
 - » Protection of Ecological Resources SCOs referenced in Part 375, Table 375-6.8(b);
 - » Residential Use SSCOs referenced in CP-51 Table 1;
 - » Restricted Residential Use SSCOs referenced in CP-51 Table 1;
 - » Protection of Groundwater SSCOs referenced in CP-51 Table 1; and
 - » Protection of Ecological Resources SSCOs referenced in CP-51 Table 1.
- Overburden and bedrock groundwater data will be compared to applicable values provided in the New York State Ambient Water Quality Standards and Guidance values, referenced in Table 1 of TOGS 1.1.1. Overburden and bedrock groundwater will be compared to the class "GA" source of drinking water values.

8. QUALITY CONTROL REQUIREMENTS AND MEASUREMENT PERFORMANCE CRITERIA

The overall effectiveness of a QA/QC program depends on operating in the field and laboratory according to a program that systematically ensures the precision and accuracy of analyses by detecting errors and preventing their recurrence or measuring the degree of error inherent in the methods applied.

Quality Assurance is an integrated system of activities involving planning, quality assessment, reporting and quality improvement to ensure that a program meets defined standards of quality with a stated level of confidence. Quality Control involves the technical activities that measure the quality of a program so that it meets the needs of users.

The following sections describe the QC checks that will be utilized in the field and laboratory during this project.

8.1. LABORATORY QA/QC CHECKS

Tables 2-2C, 2-2D, and 2-6 to 2-11 summarize the laboratory QC checks, frequency of analysis, control limits, and laboratory corrective actions for the analytical method to be used in this project. A brief description of laboratory QA/QC analyses is presented in the following subsections.

8.1.1. GC/MS Tuning

Tuning and performance criteria are established to verify mass resolution, identification, and to some degree, instrument sensitivity. These criteria are not sample specific; conformance is determined using standard materials. Therefore, these criteria should be met in all circumstances.

8.1.2. Calibration

Compliance requirements for satisfactory instrument calibration are established to verify that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of analysis, and continuing calibration and performance checks document satisfactory maintenance and adjustment of the instrument on a day-to-day basis.

8.1.3. Blanks

Several types of blanks will be analyzed by the laboratory. Corrective action procedures will be implemented for blank analyses if target compounds are detected at concentrations greater than the applicable criteria. The criteria for evaluation of blanks apply to any blank associated with a group of samples collected, prepared and/or analyzed at the same time, where applicable. If problems with a blank exist, data associated with the project must be carefully evaluated to determine whether or not there is an inherent variability in the data for the project, or if the problem is an isolated occurrence not affecting other data.

For surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater samples, a method blank is an analyte-free blank that undergoes the preparation procedures applied to a sample. These samples are analyzed to examine whether sample preparation and analysis techniques result in sample contamination. The laboratory will prepare and analyze a method blank with each group of samples that are extracted, digested, or analyzed at the same time.

Field blanks are analyzed to assess contamination introduced during field sampling procedures and sample shipment. Field blank collection begins with two sets of identical bottles; one set filled with target analyte-free water provided by the laboratory, and one empty set of bottles identical to those provided for aqueous sample collection. At the field location, the water is passed from the full set of bottles directly into the empty set of bottles. This will constitute identical bottle to bottle transfer. The field blank samples will be subject to the same analyses as the environmental samples. One field blank will be collected during each sampling event.

Equipment blanks are analyzed to assess contamination introduced during field sampling procedures when equipment is reused following decontamination. Equipment blank collection begins with two sets of identical bottles; one set filled with target analyte-free water provided by the laboratory, and one empty set of bottles identical to those provided for aqueous sample collection.

At the field location, in an area suspected to be contaminated, the water is passed from the full set of bottles through the field-decontaminated sampling device(s) and into the empty set of bottles. This will constitute identical bottle to bottle transfer.

The equipment blank samples will be subject to the same analyses as the environmental samples. For surface soil and subsurface soil, one equipment blank will be collected per 20 samples. For overburden and bedrock groundwater, one equipment blank will be collected per 20 samples. Equipment blanks are not necessary for soil vapor samples.

Trip blanks will be prepared and submitted for VOC analysis with field samples and will contain analyte-free water or preservative, as appropriate. A trip blank will be prepared by the laboratory, using the same preservation technique as that used to prepare the sample containers, from the same source as the method blank water, and sent to the Site in the cooler with the other sample containers. The trip blank will undergo shipment from the sampling site to the laboratory in coolers with the environmental samples to be analyzed for VOCs. Trip blanks will be analyzed for VOCs to determine if contamination has taken place during sample handling and/or shipment. Trip blanks will be included in sample coolers at a frequency of one trip blank per shipment.

8.1.4. Internal Standards Performance

Internal standards, which are compounds not found in environmental samples, will be spiked into samples, blanks, MS/MSDs, and laboratory control samples (LCSs) at the time of sample preparation. Internal standards must meet retention time and performance criteria specified in the analytical method or the sample will be reanalyzed.

8.1.5. Surrogate Recovery

Accuracy and matrix biases for individual samples are monitored for organic analyses using surrogate additions. Surrogates are compounds similar in nature to the target analytes; the surrogates are spiked into aqueous and solid samples, blanks, and QC samples prior to sample preparation for organic analyses. The evaluation of the results of these surrogate spikes is not necessarily straightforward. The sample itself may produce effects due to such factors as interferences and high concentrations of analytes. Since the effects of the sample matrix are frequently outside the control of the laboratory and may present relatively unique problems, the review and validation of data based on specific sample results is frequently subjective.

8.1.6. Laboratory Control Samples

LCSs are standard solutions that consist of known concentrations of the complete list of target analytes spiked into laboratory analyte-free water or sand. They are prepared or purchased from a certified manufacturer from a source independent from the calibration standards to provide an independent verification of the calibration procedure. These QC samples are then prepared and analyzed following the same procedures employed for environmental sample analysis to assess method accuracy independently of sample matrix effects. The laboratory will prepare and analyze a LCS with each group of samples of similar matrix that are extracted, digested, or analyzed at the same time. For VOC analysis, one LCS will be analyzed with each analytical sequence in a 12-hour period for each matrix. Percent recoveries will be evaluated to assess the efficiency of the preparation and analysis method independent of sample matrix effects.

8.1.7. MS/MSD Samples

MS/MSD data are generated to determine long-term precision and accuracy of the analytical method with respect to sample matrices. Generally, the MS/MSD data alone are not used to evaluate the precision and accuracy for associated organic samples since data may reflect specific matrix effects only present within one sample.

One set of MS/MSD samples will be collected for every 20 samples per matrix (minimum frequency of 5%) or one per matrix for less than 20 samples. If less than 20 samples are collected, one MS/MSD set will be collected. Whenever possible, MS/MSD samples will be prepared and analyzed within the same batch as the environmental samples. MS/MSD samples will be spiked at the laboratory with the complete list of target analytes.

8.1.8. Compound Identification and Quantitation

The objective of the qualitative criteria is to minimize the number of erroneous identifications of compounds.

An erroneous identification can either be a false positive (reporting a compound present when it is not) or a false negative (not reporting a compound that is present). The identification criteria can be applied much more easily in detecting false positives than false negatives. Negatives, or non-detect compounds on the other hand, represent an absence of data and are therefore much more difficult to assess. The objective for quantitative requirements is to maximize the accuracy of data and sensitivity of the instrument. Unless sample screening indicates the presence of high concentration target analytes, samples will be analyzed undiluted to maximize sensitivity. Samples must be reanalyzed at the appropriate dilution when concentrations exceed the linear calibration range to maximize accuracy. Matrix interferences will be identified and documented. Samples may be diluted only if analytes of concern generate responses in excess of the linear range of the instrument.

8.2. FIELD QA/QC CHECKS

In order to evaluate data quality, QA/QC samples will be collected during the sampling activities. [Table 2-1](#) lists the environmental samples and corresponding QC samples to be collected by analysis.

8.2.1. Field Duplicate Samples

Collection of field duplicate samples provides for the evaluation of the laboratory's precision performance by comparing analytical results of two samples from the same location. They are also collected to evaluate field sample collection precision procedures. Samples are collected from one location and sent to the laboratory blind (with two different sample identifications).

Duplicates of solid samples submitted for VOC analysis are obtained from discrete locations without mixing. Duplicates for the remaining analyses require homogenization by filling a decontaminated stainless steel tray or bowl with the sample and mixing it with a decontaminated stainless steel instrument. The mixed sample is divided in half and scooped alternatively from each half to fill the sample container. For surface soil and subsurface soil, one field duplicate will be collected for every 20 samples. For soil vapor, one field duplicate will be collected for every 20 samples. For overburden and bedrock groundwater, one field duplicate will be collected for every 20 samples or one per sampling event (for less than 20 samples).

8.2.2. MS/MSDs

MS/MSD samples are duplicate samples that are collected in the field and have spiking solutions added at the laboratory during sample preparation. MS/MSD samples are considered identical to the original sample. The percent recovery of the spiked amount indicates the accuracy of the extraction as well as interferences caused by the matrix. Relative percent differences (%RPD) between spike sample recoveries or between duplicate samples will indicate the precision of the data. One MS/MSD sample set will be collected for every 20 environmental samples per matrix submitted to the laboratory (minimum frequency of 5%) or one MS/MSD for less than 20 samples per matrix.

8.2.3. Equipment Blanks

Equipment blanks will only be required when sampling equipment is decontaminated and reused for sample collection. Equipment blanks are not required for disposable equipment that is only used for one sample (*i.e.*, disposable sterile plastic scoops). As presented in Section 8.1.3, for surface soil and subsurface soil analysis, one equipment blank will be collected per 20 soil samples. One equipment blank will be collected per 20 samples of overburden and bedrock groundwater.

8.2.4. Field Blanks

As presented in Section 8.1.3, one field blank will be collected per 20 samples or once per day, whichever is more conservative.

8.2.5. Trip Blanks

Trip blanks, presented in Section 10.1.3, will be included in sample coolers at a frequency of either one trip blank per cooler, consistent with Consultant's internal policy, or one trip blank per shipment of samples sent to the laboratory for VOCs.

8.2.6. Temperature Blanks

Temperature blanks will consist of vials of water that have undergone shipment from the sampling site to the laboratory in coolers with the environmental samples to be analyzed for the sampling program. The temperature of these blanks will be measured at the laboratory upon receipt of the sample cooler to verify compliance with the cooler temperature requirement.

8.3. CORRECTIVE ACTION

Generally, the following corrective actions may be taken by the laboratory. When analytical parameters that are within the control of the laboratory, including calibration, instrument performance, and blank criteria, are not met, the cause of the problem will be located and corrected. The analytical system will then be recalibrated. Sample analysis will not begin until calibration, instrument performance, and blank criteria are met. When matrix spike, standard, or duplicate analyses are out of control, samples analysis will cease. The problem will be investigated. Depending on the results of the overall QC program for the sample set, the data may be accepted, accepted with qualification, or determined to be unusable.

If, through the application of the corrective actions listed in this QCP, the data is determined to be unusable, the QC analysis will be re-prepared and reanalyzed. If QC criteria are met upon reanalysis, only the new results are reported. If QC criteria are still not met upon reanalysis, both sets of sample results will be reported and the Consultant QAO will be notified of the situation at the time of sample analysis.

If matrix interferences are suspected, the Consultant QAO will be contacted. Unless sample screening indicates the presence of high concentration target analytes, samples may be diluted in the analysis only if analytes of concern generate responses in excess of the linear range of the instrument.

If the laboratory has taken appropriate actions and matrix interferences prevent the laboratory from achieving the specified detection limits, the Consultant QAO will be contacted as soon as the situation is identified. The Laboratory Project Manager will document, in the data package case narrative, how the laboratory demonstrated good analytical practices in order to attempt to achieve the specified reporting detection limits.

9. DATA DELIVERABLES

Definitive data will be generated in the laboratory. The laboratory-generated data will be entered into the laboratory database management system (DBMS) and presented in data packages. The laboratory will perform the data review process, including a minimum of 10 percent check of the data back to raw data in the secondary review by a laboratory supervisor. Validation of the sample data will be performed as described in this QCP.

Laboratory analytical data will be provided in EDD format, in accordance with the laboratory's internal protocol for NYSDEC deliverable requirements for electronic data as outlined in the NYSDEC Electronic Data Deliverable Manual (NYSDEC, 2013) and subsequent updates. The generated EDD must be reviewed by the laboratory with software specifically developed for this task called Electronic Data Processor (EDP). EDP, a program that compares NYSDEC valid values to EDD values prior to submittal, and the database management software are both distributed by EarthSoft and is called EQUIS™. EDDs populated by the laboratory will include Sample_v3, TestResult_v3, and Batch_v3 (or latest versions). Other tables will be prepared upon NYSDEC request.

Data will be managed by the consultant in a relational DBMS or EQUIS™. Laboratory analytical data will be provided in electronic disk deliverable format for direct upload into the DBMS or EQUIS™.

Records will be incorporated into the final project files. Field logs, data packages, and records will be included in the Consultant project file which will be archived for a period of ten years.

The laboratory is responsible for providing an EDD that matches the hardcopy and electronic data package for sample and analysis information. The EDD records must be the same format (*i.e.*, flat file format). The EDD files will be populated by the laboratory with NYSDEC valid values in effect at the time of file generation. Field samples that are not collected from the project site should not be included in the laboratory report or EDD.

The DBMS will be used to provide custom queries and reports to support data validation, data analysis, and report preparation. Data validation qualifiers will be entered into the DBMS by hand. The DBMS will be checked independently to minimize data transmittal error and loss.

Generally, the information flow will include the following steps:

- Samples will be collected in the field and transported to the laboratory;
- Samples will be analyzed at the laboratory and data generated;
- The laboratory data will be sent to the data validator for evaluation and to the Project Manager for preliminary evaluation;
- Qualified data will be sent to data management personnel and entered into the DBMS;
- The final data set from the DBMS will be provided to the Project Manager for data evaluation in terms of project goals; and
- Project decisions based on results of the data analysis will be reported to the client.

Records will be incorporated into the final project files for the samples. The field logs, data packages, and records will be included in the project files. The project files will be archived by the Consultant for a period of ten years.

10. DATA VALIDATION AND USABILITY

Data validation will be performed on the data from the surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater sampling activities. The data validator must meet the requirements identified in NYSDEC *DER-10/Technical Guidance for Site Investigation and Remediation* dated May 3, 2010. Current USEPA Region II validation guidance and NYSDEC DUSR guidance (NYSDEC, 2010) will be applied as described in the following section.

Upon request by the data validator, the laboratory will provide additional or supplemental information within three working days of the request.

10.1. VALIDATION PROCEDURES

Data Validation is a process of determining the suitability of a measurement system for providing useful analytical data. Data validation is essentially a three-step process in which the analytical data's QA/QC information is first compared to a series of QA/QC criteria. Based on the results of this comparison, the analytical data are then assigned qualifiers, which provide an indication of the data's usability. Finally, an overall evaluation of the data's usability is performed.

Full validation will be performed on the surface soil, subsurface soil, soil vapor, and overburden and bedrock groundwater data generated for this project for each analytical method.

Data will be evaluated during validation using the QA/QC criteria established in the analytical methods, the quality control requirements and corrective actions listed in [Tables 2-6 to 2-11](#) and laboratory established control limits.

Full data validation consists of a review of data summary forms and raw analytical data that are provided in the data packages. During the full validation, data validators will recalculate selected laboratory sample calculations using raw data when verifying sample results. In addition, data validators will review raw data to verify that compound identification was performed correctly and transcription errors are not present.

Utilizing the DUSR process as guidance, the following questions will be considered during the validation:

1. Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA Contract Laboratory Program (CLP) deliverables?
2. Have the holding times been met?
3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, duplicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
4. Have the data been generated using established and agreed upon analytical protocols?
5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?
6. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?
7. Have any QC exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

The following parameters will be included in the full data validation for organic and inorganic analyses, where applicable for each analysis method, unless otherwise noted:

- QCP compliance;
- Chain-of-custody records;

- Sample collection and sample preservation;
- Percent solids;
- Holding times;
- GC/MS tuning criteria;
- Instrument performance;
- Calibration;
- Analytical sequence;
- Blank analysis;
- Surrogate recovery;
- MS/MSD analysis;
- Laboratory duplicate analysis;
- Field duplicate analysis;
- LCS analysis;
- ICP interference check sample analysis;
- ICP serial dilution analysis;
- Internal standards performance;
- Target analyte identification, quantitation, and QLS;
- Confirmation analysis; and
- Deliverables and documentation completeness.

Unless requested by the Project Manager, TICs for VOC and SVOC analyses will not be evaluated as part of the validation process.

10.2. ASSIGNMENT OF QUALIFIERS

Data affected by excursions from the QA/QC criteria will be qualified using the following USEPA Region II data validation guidance documents or the most current documents and professional judgment.

- USEPA. 2006c. USEPA Region II Data Validation SOP of PCBs by Gas Chromatography SW-846 Method 8082A, SOP HW-45 Revision 1. New York, NY;
- USEPA. 2008a. Reviewed 2009. USEPA Region II Validating Volatile Organic Compounds by SW-846 Method 8260B, SOP HW-24 Revision 2. New York, NY;
- USEPA. 2008b. Reviewed 2009. USEPA Region II Validating Semivolatile Organic Compounds by SW-846 Method 8270, SOP HW-22 Revision 4. New York, NY;
- USEPA. 2012a. USEPA Region II Evaluation of Metals Data for the CLP Program, SOP HW-2a Revision 15. Albany, New York; and
- USEPA. 2012b. USEPA Region II Mercury and Cyanide Data Validation, SOP HW-2c Revision 15. Albany, New York.

The application of these validation guidelines will be modified to reflect method and QCP requirements. Analytical laboratory qualifiers will be provided at the time of reporting.

10.3. DATA USABILITY EVALUATION

The specific data quality requirements including precision, accuracy, representativeness, comparability, sensitivity, and completeness will be assessed during data validation. Data usability with respect to the DQOs

and data uses will be compared to the project requirements. In the event that the completeness objective of 95 percent is not achieved, samples may be recollected at the discretion of the Consultant Project Manager.

Based on the QA/QC information review and the qualifiers assigned to the analytical data, an overall evaluation of the data's usability will be performed. Data usability is defined as the percentage of data that remains unqualified or is qualified as approximate or non-detected due to blank contamination, divided by the data reported by the laboratory times 100. The percent usability excludes the data qualified as rejected due to major QA/QC excursions. The non-usable data is defined as the percentage of the data qualified as rejected divided by the data reported by the laboratory times 100. The data usability will be provided for each type of analysis performed.

The data usability evaluation considers the data parameters of precision, sensitivity, accuracy, representativeness, comparability, and completeness which are described as follows:

- Precision is evaluated through the review of field duplicate samples, laboratory duplicates, and MS/MSD samples;
- Sensitivity is evaluated through the review of reported detection limits;
- Accuracy is evaluated through the review of MS/MSD samples, internal standards, surrogate recoveries, LCS recoveries, calibration, and instrument performance checks;
- Representativeness is evaluated through the review of holding times, sample preparation, blank analysis, and target compound identification and quantification;
- Comparability is evaluated through the review of the analytical methods and reporting procedures for consistency; and
- Completeness is defined as the overall percentage of sample results that are determined to be usable.

10.4. DATA VALIDATION REPORT

The DUSR will contain separate QA sections in which data quality information collected during the investigation is summarized.

The DUSR will include the following:

- Guidelines used to evaluate the data;
- Summary of samples collected and analyses performed;
- Data qualifiers applied to sample results;
- Narrative that identifies major and minor analysis and QC excursions detected for each parameter evaluated for each analysis;
- Additional issues and information that may be beneficial to the data user are discussed;
- Data summary forms; and
- Data usability.

The DUSR will be prepared under the direction of the QAO.

11. REFERENCES

- AWWA, APHA and WEF. 1998. *Standard Methods for the Examination of Water and Wastewater, 20th Edition*. Washington, D.C
- NYSDEC. 2010. *DER-10 Technical Guidance for Site Investigation and Remediation*. Albany, NY.
- NYSDEC. 2013. *NYSDEC Electronic Data Deliverable Manual*. April 1, 2013. Albany, NY.
- NYSDOH. *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006.
- USEPA. 1992. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, Update I*. Washington D.C.
- USEPA. 1994. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, Update II*. Washington D.C.
- USEPA. 1995. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, Update IIB*. Washington D.C.
- USEPA, 1999. *Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition Compendium Method TO-15 Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/ Mass Spectrometry (GC/MS)*. Cincinnati, Ohio.
- USEPA. 2002-2006. *SW-846*. Washington D.C.
- USEPA. 2004. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IIIB*. Washington D.C.
- USEPA, 2006a. *EPA Requirements for Quality Assurance Project Plans for Environmental Data Operations (EPA QA/R-5)*. Washington, D.C.
- USEPA. 2006b. USEPA Region II Validating Pesticide Compounds Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B. HW-44 Revision 1. Reviewed 2009. Albany, New York.
- USEPA, 2006c. *Guidance for the Data Quality Objectives Process (EPA QA/G-4)*. Washington, D.C.
- USEPA. 2006d. *USEPA Region II Data Validation SOP of PCBs by Gas Chromatography SW-846 Method 8082A, SOP HW-45 Revision 1*. New York, NY.
- USEPA. 2006e. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846*. Washington D.C.
- USEPA. 2007. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IV*. Washington D.C.
- USEPA. 2008a. Reviewed 2009. *USEPA Region II Validating Volatile Organic Compounds by SW-846 Method 8260B, SOP HW-24 Revision 2*. New York, NY.
- USEPA. 2008b. Reviewed 2009. *USEPA Region II Validating Semivolatile Organic Compounds by SW-846 Method 8270, SOP HW-22 Revision 4*. New York, NY.
- USEPA. 2012a. *USEPA Region II Evaluation of Metals Data for the CLP Program, SOP HW-2a Revision 15*. Albany, New York.
- USEPA. 2012b. *USEPA Region II Mercury and Cyanide Data Validation, SOP HW-2c Revision 15*. Albany, New York.

Table 2-1. Field sampling summary

Parameter (Method)	Matrix	Sample Containers And Volumes	Preservation	Holding Times	Number of Investigative Samples	Field Duplicate	Trip Blank	MS/MSD And Spike Duplicate	Field Blank	Equipment Blank
VOCs Low Level (USEPA Methods 5035A/8000C/8 260C) ¹	Surface Soil, Subsurface Soil	Encore sampler in accordance with USEPA Method 5035A.	≤6°C Sealed and Headspace Free	At the laboratory within 48 hours of collection: Add methanol solution to 5 grams of sample in accordance with USEPA Method 5035A. 14 days from collection to analysis	147	One per 20 samples or one per matrix (for less than 20 samples)	1 each in cooler with VOC samples	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix
VOCs (USEPA Methods 5035A/8000C/8 260C) ¹	Groundwater	3- 40 milliliter glass vials with Teflon®-lined septum caps	≤6°C HCL to pH2 FC Sealed and Headspace Free	Analysis within 14 days from collection for preserved samples. Analysis within 7 days from collection for samples not acid preserved	81	One per 20 samples or one per matrix (for less than 20 samples)	1 each in cooler with VOC samples	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix
VOCs (USEPA Method TO15)	Soil Vapor	6.0 Liter SUMMA® vacuum canisters	None	Analysis within 30 days from collection to analysis. Used and un-used canisters must be returned to the laboratory within 15 days of shipment of the canisters to the sampling location.	8	One per 20 samples or one per matrix (for less than 20 samples)	NA	NA	One per 20 samples or one per sampling event as required for each matrix	NA

Table 2-1. Field sampling summary

Parameter (Method)	Matrix	Sample Containers And Volumes	Preservation	Holding Times	Number of Investigative Samples	Field Duplicate	Trip Blank	MS/MSD And Spike Duplicate	Field Blank	Equipment Blank
Vinyl chloride, Styrene (USEPA Methods 5035A/8000C/8260C) ^{2A}	Groundwater	3- 40 milliliter glass vials with Teflon®-lined septum caps	≤6°C Unpreserved	Analysis within 7 days from collection for unpreserved samples.	81	One per 20 samples or one per matrix (for less than 20 samples)	1 each in cooler with VOC samples	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix
SVOCs (USEPA Methods 3510C/8000C/8270D) ²	Groundwater	2-one liter amber glass container with Teflon® lined screw caps	≤6°C	7 days from collection to extraction; 40 days from extraction to analysis.	72	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix
SVOCs (USEPA Methods 3541/3550C/8000C/8270D) ²	Surface Soil, Subsurface Soil	250 milliliter wide mouth glass container with Teflon® lined lid. 100 grams sample volume required	≤6°C	14 days from collection to extraction; 40 days from extraction to analysis For SPLP: 14 days from collection to extraction, 7 days from extraction to extraction. 40 days from extraction to analysis	161	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix

Table 2-1. Field sampling summary

Parameter (Method)	Matrix	Sample Containers And Volumes	Preservation	Holding Times	Number of Investigative Samples	Field Duplicate	Trip Blank	MS/MSD And Spike Duplicate	Field Blank	Equipment Blank
PCBs (USEPA Methods 8000C/8082A) ²	Groundwater	2-one liter amber glass containers with Teflon® lined screw caps	≤6°C	Method holding time: None Project Holding Time: 7 days from collection to extraction; 40 days from extraction to analysis	72	One per 10 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 10 samples or one per sampling event as required for each matrix
PCBs (USEPA Methods 8000C/8082A) ²	Surface Soil, Subsurface Soil	250 milliliter wide mouth glass container with Teflon® lined lid. 100 grams sample volume required	≤6°C	Method holding time: None Project Holding Time: 14 days from collection to extraction; 40 days from extraction to analysis	112	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 10 samples or one per sampling event as required for each matrix
Organochlorine Pesticides (USEPA Methods 3510C/3520C/8081A/8081B) ⁴	Groundwater	1-one liter amber glass container with Teflon® lined screw caps	<6°C	7 days from collection to extraction; 40 days from extraction to analysis	72	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix
Organochlorine Pesticides (USEPA Methods 3541/3550B/8081A/8081B) ⁴	Surface Soil, Subsurface Soil	250 milliliter wide mouth glass container with Teflon® lined lid. 100 grams sample volume required	<6°C	14 days from collection to extraction; 40 days from extraction to analysis	66	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix

Table 2-1. Field sampling summary

Parameter (Method)	Matrix	Sample Containers And Volumes	Preservation	Holding Times	Number of Investigative Samples	Field Duplicate	Trip Blank	MS/MSD And Spike Duplicate	Field Blank	Equipment Blank
Total Metals (USEPA Methods 3010A/6010C) ²	Groundwater	1-1000 milliliter polyethylene or fluorocarbon (TFE or PFA) container. 500 milliliters sample volume required.	HNO ₃ to pH<2 ≤6°C	180 days from collection to analysis	72	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix
Total Metals (USEPA Methods 3050B/6010C) ²	Surface Soil, Subsurface Soil	4 ounce wide mouth polyethylene or fluorocarbon (TFE or PFA) container. 50 grams sample volume required.	≤6°C	180 days from collection to analysis For SPLP: 180 days from collection to extraction, 180 days from extraction to analysis	153	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix
Mercury (USEPA Method 7470A) ³	Groundwater	1-1000 milliliter polyethylene or fluorocarbon (TFE or PFA) container. 500 milliliters sample volume required.	≤6°C HNO ₃ to pH<2	28 days from collection to analysis	72	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix

Table 2-1. Field sampling summary

Parameter (Method)	Matrix	Sample Containers And Volumes	Preservation	Holding Times	Number of Investigative Samples	Field Duplicate	Trip Blank	MS/MSD And Spike Duplicate	Field Blank	Equipment Blank
Mercury (USEPA Method 7471B) ²	Surface Soil, Subsurface Soil	4 ounce wide mouth polyethylene or fluorocarbon (TFE or PFA) container. 50 grams sample volume required.	≤6°C	28 days from collection to analysis For SPLP: 28 days from collection to extract generation, 28 days from extraction to analysis	153	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix
Total Cyanide (USEPA Method 9012B) ⁴	Groundwater	1-1000 milliliter polyethylene or fluorocarbon (TFE or PFA) container. 500 milliliters sample volume required.	<6°C NaOH to pH≥12 OA	14 days from collection to analysis	72	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix
Total Cyanide (USEPA Method 9012B) ⁴	Surface Soil, Subsurface Soil	4 ounce wide mouth polyethylene or fluorocarbon (TFE or PFA) container. 50 grams sample volume required.	<6°C	14 days from collection to analysis	153	One per 20 samples or one per matrix (for less than 20 samples)	NA	One per 20 samples or one per matrix (for less than 20 samples)	One per sampling event for each matrix	One per 20 samples or one per sampling event as required for each matrix

Table 2-1. Field sampling summary

Parameter (Method)	Matrix	Sample Containers And Volumes	Preservation	Holding Times	Number of Investigative Samples	Field Duplicate	Trip Blank	MS/MSD And Spike Duplicate	Field Blank	Equipment Blank
TCLP (USEPA Method 1311) ⁵	Soil	250 milliliter wide mouth glass container with Teflon [®] lined lid. 100 grams sample volume required	NA	NA	NA	NA	NA	NA	NA	NA
Percent Solids (SM20 2540G) ⁶	Soil	100 milliliter wide mouth glass container with Teflon [®] lined lid. 100 grams sample volume required	4°C	NA	NA	NA	NA	NA	NA	NA

NOTES:

MS/MSD indicates matrix spike/matrix spike duplicate sample for organic analyses. Spike duplicate may be performed for inorganic analyses.

Field blank is not required if disposable equipment is used.

NA indicates Not Applicable.

VOCs indicate volatile organic compounds.

SVOCs indicates semi-volatile organic compounds.

PCBs indicates polychlorinated biphenyls.

TCLP indicates toxicity characteristic leaching procedure.

Number of Investigative Samples depicts the first and second round of groundwater sampling.

Method references:

- 1- USEPA. 2006. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition*. Washington D.C.
- 2- USEPA. 2007. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IV*. Washington D.C.
- 3- USEPA. 1994. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update II*. Washington D.C.
- 4- USEPA. 1995. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, Update IIB*. Washington D.C.
- 5- USEPA. 1992. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, Update I*. Washington D.C.
- 6- AWWA, APHA and WEF. 1998. *Standard Methods for the Examination of Water and Wastewater, 20th Edition*. Washington, D.C

Source: O'Brien & Gere

Table 2-2A. Laboratory limits and regulatory limits for VOCs in aqueous samples

Target Analyte	USEPA Method	Laboratory Aqueous QL (µg/L)	Laboratory Aqueous MDL (µg/L)	New York State Class GA Groundwater Standards (µg/L)
1,1,1-Trichloroethane	8260C	5	0.36	*
1,1,2,2-Tetrachloroethane	8260C	5	0.25	*
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	5	0.31	*
1,1,2-Trichloroethane	8260C	5	0.34	1
1,1-Dichloroethane	8260C	5	0.2	*
1,1-Dichloroethene	8260C	5	0.57	*
1,2,3-Trichlorobenzene	8260C	5	0.82	*
1,2,4-Trichlorobenzene	8260C	5	0.23	*
1,2-Dibromo-3-chloropropane	8260C	5	0.74	0.04
1,2-Dibromoethane	8260C	5	0.24	0.0006
1,2-Dichlorobenzene	8260C	5	0.21	3
1,2-Dichloroethane	8260C	5	0.36	0.6
1,2-Dichloropropane	8260C	5	0.2	1
1,3-Dichlorobenzene	8260C	5	0.2	3
1,4-Dichlorobenzene	8260C	5	0.2	3
2-Butanone	8260C	10	0.81	50
2-Hexanone	8260C	10	1.7	50
4-Methyl-2-pentanone	8260C	10	0.67	NL
Acetone	8260C	10	1.2	50
Benzene	8260C	5	0.2	1
Bromochloromethane	8260C	5	0.32	*
Bromodichloromethane	8260C	5	0.32	50
Bromoform	8260C	5	0.42	50
Bromomethane	8260C	5	0.29	*
Carbon disulfide	8260C	10	0.22	60
Carbon tetrachloride	8260C	5	0.45	5
Chlorobenzene	8260C	5	0.29	*
Chloroethane	8260C	5	0.24	*
Chloroform	8260C	5	0.25	7
Chloromethane	8260C	5	0.21	*
cis-1,2-Dichloroethene	8260C	5	0.3	*
cis-1,3-Dichloropropene	8260C	5	0.24	0.4
Cyclohexane	8260C	10	0.25	NL
Dibromochloromethane	8260C	5	0.31	50
Dichlorodifluoromethane	8260C	5	0.46	*
Ethylbenzene	8260C	5	0.2	*
Isopropylbenzene	8260C	5	0.2	*
Methyl acetate	8260C	10	0.43	NL
Methyl tert-butyl ether	8260C	5	0.29	10
Methylcyclohexane	8260C	10	0.27	NL
Methylene chloride	8260C	5	0.32	*
Styrene	8260C	5	0.2	*
Tetrachloroethene	8260C	5	0.3	*
Toluene	8260C	5	0.2	*

Table 2-2A. Laboratory limits and regulatory limits for VOCs in aqueous samples

Target Analyte	USEPA Method	Laboratory Aqueous QL (µg/L)	Laboratory Aqueous MDL (µg/L)	New York State Class GA Groundwater Standards (µg/L)
trans-1,2-Dichloroethene	8260C	5	0.33	*
trans-1,3-Dichloropropene	8260C	5	0.2	0.4
Trichloroethene	8260C	5	0.22	*
Trichlorofluoromethane	8260C	5	0.2	*
Vinyl chloride	8260C	5	0.32	2
Xylene-m,p	8260C	5	0.33	*
Xylene-o	8260C	5	0.2	*
Xylenes (total)	8260C	5	0.53	*
Other Analytes				
1,2,4-Trimethylbenzene	8260C	5	0.20	*
1,3,5-Trimethylbenzene	8260C	5	0.39	*
n-Butylbenzene	8260C	5	0.21	*
n-Propylbenzene	8260C	5	0.20	*
sec-Butylbenzene	8260C	5	0.27	*
tert-Butylbenzene	8260C	5	0.20	*
p-Isopropyltoluene	8260C	5	0.20	*

Notes:

QLs indicates quantitation limits.

MDLs indicate method detection limits.

µg/L indicates microgram per liter.

NL indicates not listed.

MDLs and QLs provided by ALS, current as of June 2015.

NA indicates not applicable.

Highlighted cells indicate Lab MDL cannot meet regulatory criteria.

VOC target analyte list source:

USEPA. 2007. Statement of Work For Organic Superfund Methods, Multi-Media, Multi-Concentration (SOM02.1). Washington, D.C.

Method reference

USEPA. 2006. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846. Washington D.C.

Regulatory Criteria:

*The principle organic contaminant standard for ground water of 5 µg/L applies to this compound.

**New York State Department of Environmental Conservation, Technical and Operational Guidance Series (T.O.G.S. 1.1.1), Class GA Standards and Guidance Values, Revised June 2004.

Table 2-2B. Laboratory limits and regulatory limits for VOCs in soil samples

Target Analyte	USEPA Method	Laboratory Solid Low Level QLS (µg/Kg)	Laboratory Solid Low Level MDLs (µg/Kg)	Unrestricted Use SCOs ¹ (µg/Kg)	Residential Use SCOs ² (µg/Kg)	Restricted Residential Use SCOs ³ (µg/Kg)	Protection of Groundwater SCOs ⁴ (µg/Kg)	Protection of Ecological Resources ⁴ (µg/Kg)
1,1,1-Trichloroethane	8260C	5	0.73	680	100,000	100,000	680	NL
1,1,2-Tetrachloroethane	8260C	5	0.81	NL	NL	NL	600	NL
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	5	1.2	NL	NL	NL	6,000	NL
1,1,2-Trichloroethane	8260C	5	0.73	NL	NL	NL	NL	NL
1,1-Dichloroethane	8260C	5	1.3	270	19,000	26,000	270	NL
1,1-Dichloroethene	8260C	5	1.3	330	100,000	100,000	330	NL
1,2,3-Trichlorobenzene	8260C	5	0.62	NL	NL	NL	NL	20,000
1,2,4-Trichlorobenzene	8260C	5	0.59	3,600	NL	NL	3,400	20,000
1,2-Dibromo-3-chloropropane	8260C	5	1.9	NL	NL	NL	NL	NL
1,2-Dibromoethane	8260C	5	1.2	NL	NL	NL	NL	NL
1,2-Dichlorobenzene	8260C	5	0.61	1,100	100,000	100,000	1,100	NL
1,2-Dichloroethane	8260C	5	0.61	20	2,300	3,100	20	10,000
1,2-Dichloropropane	8260C	5	0.97	NL	NL	NL	NL	700,000
1,3-Dichlorobenzene	8260C	5	0.63	2,400	17,000	49,000	2,400	NL
1,4-Dichlorobenzene	8260C	5	0.56	1,800	9,800	13,000	1,800	20,000
2-Butanone	8260C	5	2.3	120	NL	100,000	120	100,000
2-Hexanone	8260C	5	1.2	NL	NL	NL	NL	NL
4-Methyl-2-pentanone	8260C	5	0.98	NL	NL	NL	1,000	NL
Acetone	8260C	5	2.8	50	100,000	100,000	50	2,200
Benzene	8260C	5	2.9	60	2,900	4,800	60	70,000
Bromochloromethane	8260C	5	1.4	NL	NL	NL	NL	NL
Bromodichloromethane	8260C	5	0.61	NL	NL	NL	NL	NL
Bromoform	8260C	5	0.93	NL	NL	NL	NL	NL
Bromomethane	8260C	5	1.4	NL	NL	NL	NL	NL
Carbon disulfide	8260C	5	1.2	NL	NL	NL	2,700	NL
Carbon tetrachloride	8260C	5	0.92	760	1,400	2,400	760	NL
Chlorobenzene	8260C	5	0.29	1,100	100,000	100,000	1,100	40,000
Chloroethane	8260C	5	2.9	NL	NL	NL	1,900	NL
Chloroform	8260C	5	1.3	370	10,000	4,900	370	12,000
Chloromethane	8260C	5	0.4	50	NL	NL	50	NL
cis-1,2-Dichloroethene	8260C	5	0.95	250	59,000	100,000	250	NL
cis-1,3-Dichloropropene	8260C	5	0.9	NL	NL	NL	NL	NL
Cyclohexane	8260C	5	1.4	NL	NL	NL	NL	NL
Dibromochloromethane	8260C	5	0.73	NL	NL	NL	NL	10,000
Dichlorodifluoromethane	8260C	5	1.9	NL	NL	NL	NL	NL
Ethylbenzene	8260C	5	0.23	1,000	30,000	4,100	1,000	NL
Isopropylbenzene	8260C	5	0.67	NL	NL	NL	2,300	NL
Methyl acetate	8260C	5	1.8	NL	NL	NL	NL	NL
Methyl tert-butyl ether	8260C	5	0.94	930	62,000	100,000	930	NL
Methylcyclohexane	8260C	5	1.2	NL	NL	NL	NL	NL
Methylene chloride	8260C	5	0.57	50	51,000	100,000	50	12,000
Styrene	8260C	5	0.3	NL	NL	NL	NL	300,000
Tetrachloroethene	8260C	5	0.88	1,300	5,500	19,000	1,300	2,000
Toluene	8260C	5	0.67	700	100,000	100,000	700	36,000
trans-1,2-Dichloroethene	8260C	5	0.86	190	100,000	100,000	190	NL
trans-1,3-Dichloropropene	8260C	5	0.2	NL	NL	NL	NL	NL
Trichloroethene	8260C	5	1	470	10,000	21,000	470	2,000
Trichlorofluoromethane	8260C	5	0.66	NL	NL	NL	NL	NL
Vinyl chloride	8260C	5	1.8	20	210	900	20	NL
Xylene-m,p	8260C	10	1.1	NL	100,000	NL	NL	NL
Xylene-o	8260C	5	0.48	NL	100,000	NL	NL	NL
Xylenes (total)	8260C	5	1.6	260	100,000	100,000	1,600	260

Table 2-2B. Laboratory limits and regulatory limits for VOCs in soil samples

Target Analyte	USEPA Method	Laboratory Solid Low Level QLS (µg/Kg)	Laboratory Solid Low Level MDLs (µg/Kg)	Unrestricted Use SCOs ¹ (µg/Kg)	Residential Use SCOs ² (µg/Kg)	Restricted Residential Use SCOs ³ (µg/Kg)	Protection of Groundwater SCOs ⁴ (µg/Kg)	Protection of Ecological Resources ⁴ (µg/Kg)
Other Analytes								
1,2,4-Trimethylbenzene	8260C	5	0.54	3,600	47,000	52,000	NL	3,600
1,3,5-Trimethylbenzene	8260C	5	0.79	8,400	47,000	52,000	NL	8,400
n-Butylbenzene	8260C	5	0.98	12,000	100,000	NL	NL	NL
n-Propylbenzene	8260C	5	0.78	3,900	100,000	100,000	NL	3,900
sec-Butylbenzene	8260C	5	0.72	11,000	100,000	100,000	NL	11,000
tert-Butylbenzene	8260C	5	0.58	5,900	100,000	100,000	NL	5,900
p-Isopropyltoluene	8260C	5	0.87	NL	NL	NL	NL	10,000

Notes:

QLs indicates quantitation limits.

MDLs indicate method detection limits.

µg/Kg indicates microgram per kilogram.

NL indicates not listed.

MDLs and QLS provided by ALS, current as of June 2015.

NA indicates not applicable.

Method Reference:

USEPA. 2007. Statement of Work For Organic Superfund Methods, Multi-Media, Multi-Concentration (SOM02.1). Washington, D.C.

Regulatory Criteria:

1- Unrestricted SCOs indicates Unrestricted Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(a), December 14, 2006.

2 - Residential Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(b), December 14, 2006.

3 - Restricted Residential Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(b), December 14, 2006.

4 - Protection of Groundwater and Ecological Resources SCOs referenced in Table 375-6.8(b) current as of July 2014; or NYSDEC Commissioners Policy/51 (CP-51) Soil Cleanup Guidance Document, issued October 21, 2010, Table 1.

Table 2-2C
Volatile organic compounds using USEPA Method TO-15 Quality Control Requirements and Corrective Actions

Audit	Frequency	Control Limits	Corrective Action
Holding Times	Samples must be analyzed within holding time.	For VOCs analyze within 30 days of sample collection. The laboratory will provide information upon request that supports the holding time of 30 days from collection.	1. If holding times are exceeded for initial or any re-analyses required due to quality control excursions, notify Quality Assurance Officer immediately since re-sampling may be required. 2. Document corrective action in the case narrative.
Canister Cleaning	1. Canisters must be clean and free of any contaminants before sample collection. 2. Canisters may be batch or individually certified. It is recommended that canisters are individually certified for low level, indoor air samples (<0.5 ug/m3).	Preservation of sample containers is not required. 1. Canisters are cleaned using either humid zero air cleaning procedures as described in USEPA Method TO-15 or the canisters are heated in an isothermal oven or by use of heating bands. 2. Batch certified: 10% of the canisters per batch are analyzed by TO-15; 3. Individual certified: each canister is analyzed by TO-15. 4. Clean canisters do not contain analytes above or equal to the PQL. 5. Any canister that has not tested clean will not be used.	Not Applicable
Canister Leak Check	Canisters must be leak tested by pressurizing or evacuating them.	1. The initial pressure or vacuum is measured, the canister valve is closed, and the final pressure or vacuum is checked after 24 hours. If acceptable, the pressure should not vary more than ± 13.8 kPa (± 2 psig) over the 24 hour period.	Not Applicable
MS Tuning	Once every 24 hours prior to initial calibration and calibration verification.	1. Tune key ions and abundance criteria listed in USEPA Method TO-15 must be met for all ions and analyses must be performed within 24 hours of injection of the tune. 2. Part of the tune peak will not be background subtracted to meet tune criteria. 3. Documentation of all tune analyses and evaluations must be included in the data packages.	1. Tune the mass spectrometer. 2. Document corrective action in the case narrative - samples cannot be analyzed until control limit criteria have been met.



Table 2-2C
Volatile organic compounds using USEPA Method TO-15 Quality Control Requirements and Corrective Actions

Audit	Frequency	Control Limits	Corrective Action
Analytical Sequence	Analytical sequence is defined as analyses performed within a 24-hour period.	Not Applicable	Not Applicable
Initial Calibration	Prior to sample analysis and when calibration verification criteria are not met. Initial calibration will contain all target analytes in each standard.	<ol style="list-style-type: none"> 1. At a minimum five concentrations bracketing expected concentration range for all compounds of interest. One standard must be at the practical quantitation limit or lower. 2. The %RSD must be less than or equal to 30 for all target analytes. 3. The RRT for each target analyte at each calibration level must be within 0.06 RRT units of the mean RRT for the compound. 4. The retention time shift for each of the internal standards at each calibration level must be within 20 seconds of the mean retention time over the initial calibration range for each internal standard. 	<ol style="list-style-type: none"> 1. Identify and correct problem. 2. Recalibrate instrument; samples must not be analyzed until initial calibration criteria are met.
Calibration Verification	Every 24 hours, following tune. Calibration verification will contain all target analytes in each standard at a concentration that is representative of the midpoint of the initial calibration.	<ol style="list-style-type: none"> 1. The percent difference must be less than or equal to 30 for all target analytes. 	<ol style="list-style-type: none"> 1. Reanalyze. 2. If criteria are still not met, identify and correct problem, recalibrate; samples cannot be analyzed until continuing calibration criteria are met.



Table 2-2C
Volatile organic compounds using USEPA Method TO-15 Quality Control Requirements and Corrective Actions

Audit	Frequency	Control Limits	Corrective Action
Method Blank Analysis	Prepared with each analytical sequence of 24-hour period. The method blank is an unused, certified canister that has not left the laboratory. The blank canister is pressurized with humidified, ultra-pure zero air and carried through the same analytical procedure as a field sample. The injected aliquot of the blank must contain the same amount of internal standards that are added to each sample.	<ol style="list-style-type: none"> 1. The laboratory method blank must be analyzed after the calibration standard and before any samples are analyzed. 2. The blank can not contain any target analyte at a concentration greater than its practical quantitation limit or analytes with elution characteristics and mass spectral features that would interfere with identification and measurement of a method analyte. 	<ol style="list-style-type: none"> 1. Reanalyze blank. 2. If limits are still exceeded, investigate and correct problem. Otherwise, flag data indicating blank contamination was detected. 3. Document corrective action in the case narrative.
Equipment Blank Analysis	Laboratory-supplied clean SUMMA canister filled with zero air to be included with each batch of canisters.	Less than practical quantitation limit.	<ol style="list-style-type: none"> 1. Investigate problem. 2. Document in the case narrative.
Internal Standards	All samples, blanks and quality control samples. Add sufficient internal standard equivalent to 10 ppbv in the sample.	<ol style="list-style-type: none"> 1. The area response for each internal standard must be within ± 40 percent of the mean area response of the internal standard in the most recent valid calibration. 2. The retention time for each of the internal standards in the blanks must be within ± 0.33 minutes between the analysis and the most recent valid calibration. 3. The retention time for the internal standard in the samples or QC analyses must be within 20 seconds from the calibration verification standard. 	<ol style="list-style-type: none"> 1. Reanalyze. 2. If recovery is still outside criteria, report both analyses. 3. Document corrective action in the case narrative.
Laboratory Control Sample	Every 24 hours, following CCV. Laboratory control sample (LCS) will contain all target analytes in each calibration standard, using a second source, at a concentration that is near a midpoint calibration standard.	<ol style="list-style-type: none"> 1. The percent recovery 70 to 130% for all target analytes. 	<ol style="list-style-type: none"> 1. Reanalyze. 2. If criteria are still not met, discuss corrective actions with O'Brien & Gere QA Manager.



Table 2-2C
Volatile organic compounds using USEPA Method TO-15 Quality Control Requirements and Corrective Actions

Audit	Frequency	Control Limits	Corrective Action
Laboratory Control Sample Duplicate	Every 24 hours, following LCS analysis. Laboratory control sample will contain all target analytes in each calibration standard, using a second source, at a concentration that is near a midpoint calibration standard.	1. The percent recovery 70 to 130% for all target analytes. 2. Within 25 relative percent difference (RPD).	1. Reanalyze. 2. If criteria are still not met, discuss corrective actions with O'Brien & Gere QA Manager.
Field Dup. Analysis	One per sample collection batch.	Within 25 RPD for air samples. For sample results that are less than or equal to five times the practical quantitation limit, the criterion of plus or minus two times the practical quantitation limit will be applied to evaluate field duplicates.	No corrective action required of the laboratory since the laboratory will not know the identity of the field duplicate samples. If these criteria are not met, sample results will be evaluated on a case-by-case basis.
Sample Batching	The laboratory will batch project samples together along with QC samples specified from the project. Non-project information will not be included in the data packages.	Not Applicable	Not Applicable
Sample Analysis	All canister samples should be at temperature equilibrium with the laboratory.	Not Applicable	Not Applicable
Laboratory Control Limits	1. Generated with results for an analyte from a minimum of 20 sample analyses. The average of the sample results and the standard deviation are calculated. The internal warning limits are established at 2 times the standard deviation and the control limits are established at 3 times the standard deviation. The control limits are updated annually.	Not Applicable	Not Applicable



Table 2-2C
Volatile organic compounds using USEPA Method TO-15 Quality Control Requirements and Corrective Actions

Audit	Frequency	Control Limits	Corrective Action
Deliverables	1. CLP-like deliverables must be provided to document each audit item for easy reference and inspection. 2. An example calculation will be provided for each analysis, for each type of matrix in the data package using samples from the project. 3. Any laboratory abbreviations or notations presented in the raw data or summary information will be explained or referenced in the case narrative. 4. Final spiking concentrations will be presented in summary form. 5. Standard tracing information will be provided. 6. Cooler temperatures will be provided in the data packages. 7. Run logs will be provided in the data packages.	Not Applicable	Provide missing or additional deliverables for validation purposes.

Notes:

Data validation will be performed in accordance with QA/QC criteria established in these tables and the analytical methods. Excursions from QA/QC criteria will be qualified based on guidance provided in this QCP.

Communications with the QAO will be documented and included in the data packages.

Source: O'Brien & Gere Engineers, Inc.



Table 2-2D
Canister Requirements for VOCs using USEPA Method TO-15

Audit	Frequency	Control Limits	Corrective Action
Sample Canister Preparation For 6 Liter canisters	<ol style="list-style-type: none"> 1. Canisters must be equipped with a laboratory preset regulator, pressure gauge, critical orifice, stainless steel frit dust filter over the orifice, and specially prepared interior surfaces. 2. The flow controller (regulator) is preset at the laboratory for sample collection periods specified by the client and the collection period is clearly identified for each canister. 3. Canisters are shipped to the investigator at subatmospheric pressure approximating negative 30 inches of mercury. 4. The laboratory must record the actual subatmospheric pressure of each canister prior to shipping and upon receipt. 5. Hard seat metal valves are required for the shutoff valves on the canisters. Soft-seated valves are not acceptable. 6. The laboratory must record the current and actual temperature and barometric (atmospheric) pressure of the room at the time the canisters (with the regulators) are prepared for shipment. 7. All 6-Liter canisters must be provided with sample collection regulators. 8. The maximum sampling time will be 24 hours for 6-Liter canisters. 9. It is the laboratory's responsibility to preset the regulators for the sample collection time frames specified and to clearly identify each canister's regulator preset sample collection time. 	Not Applicable	Not Applicable
Sample collection using canisters	<ol style="list-style-type: none"> 1. The maximum flow rate for the collection of soil gas using a canister is 200 milliliters per minute. 2. A 6-Liter canister with a preset flow rate of 200 milliliters per minute and a critical orifice of 0.0060 inches, and not drawing against backpressure constraints, will fill in approximately 30 minutes. 3. The backpressure is primarily a factor of the length of the tubing from the sampling point to the canister, the interior diameter of the tubing, the construction of the sampling probe, and the soil type. 4. If the backpressure constraint is greater than the vacuum in the canister, sample collection will not occur. 5. When possible, the system backpressure should be evaluated prior to sampling. 6. The method by which the ambient pressure and temperature will be obtained must be either weather station or portable instrument for exterior samples. 	Not Applicable	Not Applicable



Table 2-2D
Canister Requirements for VOCs using USEPA Method TO-15

Audit	Frequency	Control Limits	Corrective Action
Canister Cleaning	1. Canisters must be clean and free of any contaminants before sample collection. 2. Canisters will be batch certified. 3. The actual level to which the canisters are certified to must be provided for on the reporting form for clean canister certification. The laboratory must document which canisters are associated with each batch certification. 4. The GC/MS documentation for clean canister certification is to be included in the Data Package.	1. Canisters are cleaned using either humid zero air cleaning procedures as described in NJDEP Method TO-15 or the canisters are heated in an isothermal oven or by use of heating bands. 2. Batch certified: 10% of the canisters per batch are analyzed by NJDEP Method TO-15. 3. The clean canister certification level for the 6-Liter canisters used for soil gas sampling must be down to 0.2 ppbv except for acetone, tetrahydrofuran, 1,4-dioxane, tert-butyl alcohol and xylenes which have higher maximum clean canister certification levels as listed in NJDEP Method TO-15.	1. If the canister used for the batch certification exceeds these levels, the entire batch must be re-cleaned and recertified. 2. Any canister associated with a batch that does not meet certification criteria will not be used.
Canister Leak Check	Canisters must be leak tested by pressurizing or evacuating them.	1. The initial pressure or vacuum is measured, the canister valve is closed, and the final pressure or vacuum is checked after 24 hours. If acceptable, the pressure should not vary more than ± 13.8 kPa (± 2 psig) over the 24 hour period.	Not Applicable

Notes:

Data validation will be performed in accordance with QA/QC criteria established in these tables and the analytical methods. Excursions from QA/QC criteria will be qualified based on guidance provided in this QCP.

Communications with the QAO will be documented and included in the data packages.

Source: O'Brien & Gere Engineers, Inc.



Table 2-2E
USEPA Method TO-15 Compound List

Compound	CAS Number	Molecular Weight	Reporting Limit (ppbv)	Reporting Limit ($\mu\text{g}/\text{m}^3$)	Full TO-15
Acetone (2-propanone)	67-64-1	58.08	TBD	TBD	X
Benzene	71-43-2	78.11	TBD	TBD	X
Bromodichloromethane	75-27-4	163.83	TBD	TBD	X
Bromoethene	593-60-2	106.96	TBD	TBD	X
Bromoform	75-25-2	252.75	TBD	TBD	X
Bromomethane (Methyl bromide)	74-83-9	94.95	TBD	TBD	X
1,3-Butadiene	106-99-0	60.14	TBD	TBD	X
2-Butanone (Methyl ethyl ketone)	78-93-3	72.11	TBD	TBD	X
Carbon disulfide	75-15-0	76.14	TBD	TBD	X
Carbon tetrachloride	56-23-5	153.84	TBD	TBD	X
Chlorobenzene	108-90-7	112.56	TBD	TBD	X
Chloroethane	75-00-3	64.52	TBD	TBD	X
Chloroform	67-66-3	119.39	TBD	TBD	X
Chloromethane (Methyl chloride)	74-87-3	50.49	TBD	TBD	X
3-Chloropropene (allyl chloride)	107-05-1	76.53	TBD	TBD	X
2-Chlorotoluene (o-Chlorotoluene)	95-49-8	126.59	TBD	TBD	X
Cyclohexane	110-82-7	84.16	TBD	TBD	X
Dibromochloromethane	124-48-1	242.74	TBD	TBD	X
1,2-Dibromoethane	106-93-4	187.88	TBD	TBD	X
1,2-Dichlorobenzene	95-50-1	147.01	TBD	TBD	X
1,3-Dichlorobenzene	541-73-1	147.01	TBD	TBD	X
1,4-Dichlorobenzene	106-46-7	147.01	TBD	TBD	X
Dichlorodifluoromethane (Freon 12)	75-71-8	120.92	TBD	TBD	X
1,1-Dichloroethane	75-34-3	98.97	TBD	TBD	X
1,2-Dichloroethane	107-06-2	98.96	TBD	TBD	X
1,1-Dichloroethene	75-35-4	96.95	TBD	TBD	X
1,2-Dichloroethene (cis)	156-59-2	96.95	TBD	TBD	X
1,2-Dichloroethene (trans)	156-60-5	96.95	TBD	TBD	X
1,2-Dichloropropane	78-87-5	112.99	TBD	TBD	X
cis-1,3-Dichloropropene	10061-01-5	110.98	TBD	TBD	X
trans-1,3-Dichloropropene	10061-02-6	110.98	TBD	TBD	X
1,2-Dichlorotetrafluoroethane (Freon 114)	76-14-2	170.93	TBD	TBD	X
Ethylbenzene	100-41-4	106.16	TBD	TBD	X
4-Ethyltoluene (p-Ethyltoluene)	622-96-8	120.2	TBD	TBD	X
n-Heptane	142-82-5	101.2	TBD	TBD	X
Hexachlorobutadiene	87-68-3	260.76	TBD	TBD	X
n-Hexane	110-54-3	86.18	TBD	TBD	X
Methylene chloride	75-09-2	84.94	TBD	TBD	X
4-Methyl-2-pentanone (MIBK)	108-10-1	100.16	TBD	TBD	X
MTBE (Methyl tert-butyl ether)	1634-04-4	88.15	TBD	TBD	X
Styrene	100-42-5	104.14	TBD	TBD	X
Tertiary butyl alcohol (TBA)	75-65-0	74.122	TBD	TBD	X
1,1,2,2-Tetrachloroethane	79-34-5	167.86	TBD	TBD	X
Tetrachloroethene (PCE)	127-18-4	165.85	TBD	TBD	X
Toluene	108-88-3	92.13	TBD	TBD	X
1,2,4-Trichlorobenzene	120-82-1	181.46	TBD	TBD	X
1,1,1-Trichloroethane	71-55-6	133.42	TBD	TBD	X
1,1,2-Trichloroethane	79-00-5	133.42	TBD	TBD	X
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon TF)	76-13-1	187.38	TBD	TBD	X
Trichloroethene (TCE)	79-01-6	131.4	TBD	TBD	X
Trichlorofluoromethane (Freon 11)	75-69-4	137.38	TBD	TBD	X
1,2,4-Trimethylbenzene	95-63-6	120.19	TBD	TBD	X
1,3,5-Trimethylbenzene	108-67-8	120.19	TBD	TBD	X

Table 2-2E

USEPA Method TO-15 Compound List

Compound	CAS Number	Molecular Weight	Reporting Limit (ppbv)	Reporting Limit ($\mu\text{g}/\text{m}^3$)	Full TO-15
2,2,4-Trimethylpentane	540-84-1	132.38	TBD	TBD	X
Vinyl chloride	75-01-4	62.5	TBD	TBD	X
Xylenes (m&p)	1330-20-7	106.16	TBD	TBD	X
Xylenes (o)	95-47-6	106.16	TBD	TBD	X
1,2-Dichloroethene (total)	540-59-0	96.95	TBD	TBD	X
1,4-Dioxane	123-91-1	88.11	TBD	TBD	X
Isopropyl Alcohol	67-63-0	61.09	TBD	TBD	X
Methyl Butyl Ketone	591-78-6	100.16	TBD	TBD	X
Methyl methacrylate (upon request only)	80-62-6	100.1	TBD	TBD	X
Naphthalene (upon request only)	91-20-3	142.2	TBD	TBD	X
Tetrahydrofuran	109-99-9	72.11	TBD	TBD	X

Notes:

TBD indicates To Be Determined.

Table 2-3A. Laboratory limits and regulatory limits for SVOCs in aqueous samples

Target Analyte	USEPA Method	Laboratory Aqueous QL (µg/L)	Laboratory Aqueous MDL (µg/L)	New York State Class GA Groundwater Standards (µg/L)
1,1'-Biphenyl	8270D	10	1	**
1,2,4,5-Tetrachlorobenzene	8270D	10	1.8	**
2,3,4,6-Tetrachlorophenol	8270D	10	1.9	NL
2,4,5-Trichlorophenol	8270D	10	1.7	2*
2,4,6-Trichlorophenol	8270D	10	1.3	NL
2,4-Dichlorophenol	8270D	10	1.2	**
2,4-Dimethylphenol	8270D	10	1.5	50
2,4-Dinitrophenol	8270D	50	19.4	10
2,4-Dinitrotoluene	8270D	10	1.6	**
2,6-Dinitrotoluene	8270D	10	1.7	**
2-Chloronaphthalene	8270D	10	1	10
2-Chlorophenol	8270D	10	1	2*
2-Methylnaphthalene	8270D	10	1	NL
2-Methylphenol	8270D	10	1	2*
2-Nitroaniline	8270D	50	9.1	**
2-Nitrophenol	8270D	10	1.4	2*
3 & 4 - Methylphenol	8270D	10	2	2*
3,3'-Dichlorobenzidine	8270D	10	4.4	**
3-Nitroaniline	8270D	50	7.6	**
4,6-Dinitro-2-methylphenol	8270D	50	10.6	2*
4-Bromophenyl phenyl ether	8270D	10	2.1	NL
4-Chloro-3-methylphenol	8270D	10	1.1	2*
4-Chloroaniline	8270D	10	1.4	**
4-Chlorophenyl phenyl ether	8270D	10	1.1	NL
4-Nitroaniline	8270D	50	7.7	**
4-Nitrophenol	8270D	50	5.9	2*
Acenaphthene	8270D	10	1	NL
Acenaphthylene	8270D	10	1	NL
Acetophenone	8270D	10	1.6	NL
Anthracene	8270D	10	1	50
Atrazine	8270D	10	2.7	7.5
Benzaldehyde	8270D	50	3.3	NL
Benzo[a]anthracene	8270D	10	1	0.002
Benzo[a]pyrene	8270D	10	1	NL
Benzo[b]fluoranthene	8270D	10	1	0.002
Benzo[g,h,i]perylene	8270D	10	1	NL
Benzo[k]fluoranthene	8270D	10	1	0.002
bis(2-Chloroethoxy)methane	8270D	10	2.2	**
bis(2-chloroethyl)ether	8270D	10	1.3	1
bis(2-chloroisopropyl)ether	8270D	10	1	**
bis(2-Ethylhexyl)phthalate	8270D	10	1.2	5
Butyl benzyl phthalate	8270D	10	2.4	NL

Table 2-3A. Laboratory limits and regulatory limits for SVOCs in aqueous samples

Target Analyte	USEPA Method	Laboratory Aqueous QL (µg/L)	Laboratory Aqueous MDL (µg/L)	New York State Class GA Groundwater Standards (µg/L)
Caprolactam	8270D	10	1.8	NL
Carbazole	8270D	10	1.1	NL
Chrysene	8270D	10	1	0.002
Dibenz[a,h]anthracene	8270D	10	1.2	NL
Dibenzofuran	8270D	10	1	NL
Diethyl phthalate	8270D	10	1	50
Dimethyl phthalate	8270D	10	1	50
Di-n-butyl phthalate	8270D	10	1	50
Di-n-octyl phthalate	8270D	10	1.2	50
Fluoranthene	8270D	10	1	50
Fluorene	8270D	10	1	50
Hexachlorobenzene	8270D	10	1	0.04
Hexachlorobutadiene	8270D	10	1.2	0.5
Hexachlorocyclopentadiene	8270D	10	1	**
Hexachloroethane	8270D	10	1.2	**
Indeno[1,2,3-cd]pyrene	8270D	10	1.2	0.002
Isophorone	8270D	10	1	50
Naphthalene	8270D	10	1	10
Nitrobenzene	8270D	10	1.6	0.4
N-Nitroso-di-n-propylamine	8270D	10	1.3	NL
N-Nitrosodiphenylamine	8270D	10	1	NL
Pentachlorophenol	8270D	50	6.9	2*
Phenanthrene	8270D	10	1	50
Phenol	8270D	10	1	2*
Pyrene	8270D	10	1	50
Pyridine	8270D	50	15	50
Other Analytes				
m-cresol	8270D	100	2	NL
o-cresol	8270D	10	1	NL
p-cresol	8270D	coelutes	see m-cresol	NL
Benzidine	8270D	100	90	5

Notes:

- QLs indicates quantitation limits.
- MDLs indicate method detection limits.
- µg/L indicates microgram per liter.
- NL indicates not listed.
- MDLs and QLs provided by ALS, current as of June 2015.
- Highlighted cells indicate Lab MDL cannot meet regulatory criteria.
- NA indicates not applicable.

Method Reference:

1. USEPA. 2007. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IV. Washington D.C.

Regulatory Criteria:

- *Applies to the sum of these substances.
- ** The principle organic contaminant standard for ground water of 5 µg/L applies to this compound.
- ***New York State Department of Environmental Conservation, Technical and Operational Guidance Series (1.1.1), Class GA Standards and Guidance Values, Revised June 2004.

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Table 2-3B. Laboratory limits and regulatory limits for SVOCs in soil samples

Target Analyte	USEPA Method	Laboratory Solid QLS (µg/Kg)	Laboratory Solid MDLs (µg/Kg)	Unrestricted Use SCOs ¹ (µg/Kg)	Residential Use SCOs ² (µg/Kg)	Restricted Residential Use SCOs ³ (µg/Kg)	Protection of Groundwater SCOs ⁴ (µg/Kg)	Protection of Ecological Resources SCOs ⁴ (µg/Kg)
1,1'-Biphenyl	8270D	330	42	NL	NL	NL	NL	NL
1,2,4,5-Tetrachlorobenzene	8270D	330	93	NL	NL	NL	NL	NL
2,3,4,6-Tetrachlorophenol	8270D	330	36	NL	NL	NL	NL	NL
2,4,5-Trichlorophenol	8270D	330	49	NL	NL	NL	100	4,000
2,4,6-Trichlorophenol	8270D	330	33	NL	NL	NL	NL	10,000
2,4-Dichlorophenol	8270D	330	40	NL	NL	NL	400	20,000
2,4-Dimethylphenol	8270D	330	41	NL	NL	NL	NL	NL
2,4-Dinitrophenol	8270D	1700	245	NL	NL	NL	200	20,000
2,4-Dinitrotoluene	8270D	330	48	NL	NL	NL	NL	NL
2,6-Dinitrotoluene	8270D	330	46	NL	NL	NL	1,000	NL
2-Chloronaphthalene	8270D	330	43	NL	NL	NL	NL	NL
2-Chlorophenol	8270D	330	44	NL	NL	NL	NL	800
2-Methylnaphthalene	8270D	330	33	NL	NL	NL	36,400	NL
2-Methylphenol	8270D	330	207	330	NL	NL	330	NL
2-Nitroaniline	8270D	1700	436	NL	NL	NL	400	NL
2-Nitrophenol	8270D	330	54	NL	NL	NL	300	7,000
3 & 4 - Methylphenol	8270D	330	152	NL	NL	NL	NL	NL
3,3'-Dichlorobenzidine	8270D	330	52	330	NL	NL	330	NL
3-Nitroaniline	8270D	1700	582	NL	NL	NL	500	NL
4,6-Dinitro-2-methylphenol	8270D	1700	245	NL	NL	NL	NL	NL
4-Bromophenyl phenyl ether	8270D	330	48	NL	NL	NL	NL	NL
4-Chloro-3-methylphenol	8270D	330	48	NL	NL	NL	NL	NL
4-Chloroaniline	8270D	330	63	NL	NL	NL	NL	NL
4-Chlorophenyl phenyl ether	8270D	330	54	NL	NL	NL	NL	NL
4-Nitroaniline	8270D	1700	498	NL	NL	NL	NL	NL
4-Nitrophenol	8270D	1700	614	NL	NL	NL	100	7,000
Acenaphthene	8270D	330	41	36	100,000	100,000	98,000	20,000
Acenaphthylene	8270D	330	36	100,000	100,000	100,000	107,000	NL
Acetophenone	8270D	330	55	NL	NL	NL	NL	NL
Anthracene	8270D	330	53	100,000	100,000	100,000	1,000,000	NL
Atrazine	8270D	330	104	NL	NL	NL	NL	NL
Benzaldehyde	8270D	1700	56	NL	NL	NL	NL	NL
Benzo[a]anthracene	8270D	330	36	1,000	1,000	1,000	1,000	NL
Benzo[a]pyrene	8270D	330	41	1,000	1,000	1,000	22,000	2,600
Benzo[b]fluoranthene	8270D	330	34	1,000	1,000	1,000	1,700	NL
Benzo[g,h,i]perylene	8270D	330	46	100,000	100,000	100,000	1,000,000	NL
Benzo[k]fluoranthene	8270D	330	33	800	1,000	3,900	1,700	NL
bis(2-Chloroethoxy)methane	8270D	330	64	NL	NL	NL	NL	NL
bis(2-chloroethyl)ether	8270D	330	43	NL	NL	NL	NL	NL
bis(2-chloroisopropyl)ether	8270D	TBD	TBD	NL	NL	NL	NL	NL
bis(2-Ethylhexyl)phthalate	8270D	330	43	NL	NL	NL	435,000	239,000
Butyl benzyl phthalate	8270D	330	47	NL	NL	NL	122,000	NL
Caprolactam	8270D	330	55	NL	NL	NL	NL	NL
Carbazole	8270D	330	35	NL	NL	NL	NL	NL
Chrysene	8270D	330	39	1,000	1,000	3,900	1,000	NL
Dibenz[a,h]anthracene	8270D	330	47	330	330	330	1,000,000	NL
Dibenzofuran	8270D	330	34	7,000	14,000	59,000	6,200	NL
Diethyl phthalate	8270D	330	53	NL	NL	NL	7,100	100,000
Dimethyl phthalate	8270D	330	35	NL	NL	NL	27,000	200,000
Di-n-butyl phthalate	8270D	330	51	NL	NL	NL	8,100	14
Di-n-octyl phthalate	8270D	330	33	NL	NL	NL	120,000	NL
Fluoranthene	8270D	330	45	100,000	100,000	100,000	1,000,000	NL
Fluorene	8270D	330	44	30,000	100,000	100,000	386,000	30,000
Hexachlorobenzene	8270D	330	45	330	NL	NL	1,400	NL
Hexachlorobutadiene	8270D	330	33	NL	NL	NL	NL	NL
Hexachlorocyclopentadiene	8270D	330	73	NL	NL	NL	NL	10,000
Hexachloroethane	8270D	330	33	NL	NL	NL	NL	NL
Indeno[1,2,3-cd]pyrene	8270D	330	37	500	500	500	8,200	NL
Isophorone	8270D	330	35	NL	NL	NL	4,400	NL
Naphthalene	8270D	330	34	12,000	100,000	100,000	12,000	NL
Nitrobenzene	8270D	330	35	NL	NL	15,000	170	40,000
N-Nitroso-di-n-propylamine	8270D	330	36	NL	NL	NL	NL	NL
N-Nitrosodiphenylamine	8270D	330	37	NL	NL	NL	NL	NL
Pentachlorophenol	8270D	1700	336	800	2,400	6,700	800	800
Phenanthrene	8270D	330	45	100,000	100,000	100,000	1,000,000	NL
Phenol	8270D	330	37	330	100,000	100,000	330	30,000

Table 2-3B. Laboratory limits and regulatory limits for SVOCs in soil samples

Target Analyte	USEPA Method	Laboratory Solid QLS (µg/Kg)	Laboratory Solid MDLs (µg/Kg)	Unrestricted Use SCOs ¹ (µg/Kg)	Residential Use SCOs ² (µg/Kg)	Restricted Residential Use SCOs ³ (µg/Kg)	Protection of Groundwater SCOs ⁴ (µg/Kg)	Protection of Ecological Resources SCOs ⁴ (µg/Kg)
Pyrene	8270D	330	44	100,000	100,000	100,000	1,000,000	NL
Pyridine	8270D	1700	261	NL	NL	NL	NL	NL
Other Analytes								
m-cresol	8270D	330	152	330	100,000	100,000	330	NL
o-cresol	8270D	330	207	330	100,000	100,000	330	NL
p-cresol	8270D	coelutes	see m-cresol	330	34,000	100,000	330	NL
Benzidine	8270D	3300	1714	NL	NL	NL	NL	NL

Notes:

QLs indicates quantitation limits.
 MDLs indicate method detection limits.
 µg/Kg indicates microgram per kilogram.
 NL indicates not listed.
 MDLs and QLs provided by ALS, current as of June 2015.
 TBD indicates To Be Determined.
 NA indicates not applicable.

Method Reference:

USEPA. 2007. Statement of Work For Organic Superfund Methods, Multi-Media, Multi-Concentration (SOM02.1). Washington, D.C.

Regulatory Criteria:

- 1 - Unrestricted SCOs indicates Unrestricted Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(a), December 14, 2006.
- 2 - Residential Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(b), December 14, 2006.
- 3 - Restricted Residential Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(b), December 14, 2006.
- 4 - Protection of Groundwater and Ecological Resources SCOs referenced in Table 375-6.8(b) current as of July 2014; or NYSDEC Commissioners Policy/51 (CP-51) Soil Cleanup Guidance Document, issued October 21, 2010, Table 1.

Table 2-4A. Laboratory limits and regulatory limits for PCBs in aqueous samples

Target Analyte	USEPA Method	Laboratory Aqueous QL (µg/L)	Laboratory Aqueous MDL (µg/L)	New York State Class GA Groundwater Standards (µg/L)*
Aroclor 1016	8082A	0.05	0.05	0.09
Aroclor 1221	8082A	0.05	0.05	0.09
Aroclor 1232	8082A	0.05	0.05	0.09
Aroclor 1242	8082A	0.05	0.05	0.09
Aroclor 1248	8082A	0.05	0.05	0.09
Aroclor 1254	8082A	0.05	0.05	0.09
Aroclor 1260	8082A	0.05	0.05	0.09
Aroclor 1262	8082A	TBD	TBD	0.09
Aroclor 1268	8082A	0.05	0.05	0.09

Notes:

PCBs indicates polychlorinated biphenyls.

QLs indicates quantitation limits.

MDLs indicate method detection limits.

µg/L indicates micrograms per liter.

MDLs and QLs provided by ALS, current as of June 2015.

TBD indicates To Be Determined.

* Applies to the sum of these substances.

Method Reference:

1. USEPA. 2007. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IV. Washington D.C.

Regulatory Criteria:

New York State Department of Environmental Conservation, Technical and Operational Guidance Series (1.1.1), Class GA Standards and Guidance Values, Revised June 2004.

Table 2-4B. Laboratory limits and regulatory limits for PCBs in soil samples

Target Analyte	USEPA Method	Laboratory Solid QLS (µg/Kg)	Laboratory Solid MDLs (µg/Kg)	Unrestricted Use SCOs ¹ (µg/Kg)	Residential Use SCOs ² (µg/Kg)	Restricted Residential Use SCOs ³ (µg/Kg)	Protection of Groundwater SCOs ⁴ (µg/Kg)	Protection of Ecological Resources SCOs ⁴ (µg/Kg)
Aroclor 1016	8082A	33	17	100	1,000	1,000	3,200	1,000
Aroclor 1221	8082A	67	34	100	1,000	1,000	3,200	1,000
Aroclor 1232	8082A	33	17	100	1,000	1,000	3,200	1,000
Aroclor 1242	8082A	33	17	100	1,000	1,000	3,200	1,000
Aroclor 1248	8082A	33	17	100	1,000	1,000	3,200	1,000
Aroclor 1254	8082A	33	19	100	1,000	1,000	3,200	1,000
Aroclor 1260	8082A	33	17	100	1,000	1,000	3,200	1,000
Aroclor 1262	8082A	33	17	100	1,000	1,000	3,200	1,000
Aroclor 1268	8082A	33	18	100	1,000	1,000	3,200	1,000

Notes:

PCBs indicates polychlorinated biphenyls.

QLs indicates quantitation limits.

MDLs indicate method detection limits.

µg/Kg indicates microgram per kilogram.

MDLs and QLs provided by ALS, current as of June 2015.

Method Reference:

1. USEPA. 2007. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IV. Washington D.C.

Regulatory Criteria:

1- Unrestricted SCOs indicates Unrestricted Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(a), December 14, 2006. (Applies to the sum of these substances).

2 - Residential Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(b), December 14, 2006. (Applies to the sum of these substances).

3 - Restricted Residential Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(b), December 14, 2006. (Applies to the sum of these substances).

4- Protection of Groundwater and Ecological Resources SCOs referenced in Table 375-6.8(b) current as of July 2014; or NYSDEC Commissioners Policy/51 (CP-51) Soil Cleanup Guidance Document, issued October 21, 2010, Table 1. (Applies to the sum of these substances).

Table 2-5A. Laboratory limits and regulatory limits for Pesticides in aqueous samples

Target Analyte	USEPA Method	Laboratory Aqueous QL (µg/L)	Laboratory Aqueous MDL (µg/L)	New York State Class GA Groundwater Standards (µg/L)
4,4'-DDE	8081B	0.05	0.025	0.2
4,4'-DDT	8081B	0.05	0.025	0.2
4,4'-DDD	8081B	0.05	0.039	0.3
Aldrin	8081B	0.05	0.025	0.001*
Alpha BHC	8081B	0.05	0.025	0.01
Beta BHC	8081B	0.05	0.028	0.04
Alpha Chlordane	8081B	0.05	0.025	0.05
Gamma Chlordane	8081B	0.05	0.025	0.05
Delta BHC	8081B	0.05	0.025	0.04
Dieldrin	8081B	0.05	0.025	0.004
Endosulfan I	8081B	0.05	0.025	NA
Endosulfan II	8081B	0.05	0.025	NA
Endosulfan Sulfate	8081B	0.05	0.025	NA
Endrin	8081B	0.05	0.025	ND
Endrin Aldehyde	8081B	0.05	0.025	5
Endrin Ketone	8081B	0.05	0.025	5
Gamma BHC (Lindane)	8081B	0.05	0.025	0.05
Heptachlor	8081B	0.05	0.025	0.04
Heptachlor Epoxide	8081B	0.05	0.025	0.03
Methoxychlor	8081B	0.05	0.025	35
Toxaphene	8081B	0.5	0.26	0.06

Notes:

QLs indicates quantitation limits.

MDLs indicate method detection limits.

µg/L indicates micrograms per liter.

MDLs and QLs provided by ALS, current as of June 2015.

Highlighted cells indicate Lab MDL cannot meet regulatory criteria.

* Applies to the sum of Aldrin and Dieldrin.

Method Reference:

USEPA. 2007. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IV. Washington D.C.

Regulatory Criteria:

New York State Department of Environmental Conservation, Technical and Operational Guidance Series (T.OG.S. 1.1.1), Class GA Standards and Guidance Values, Revised June 2004.

Table 2-5B. Laboratory limits and regulatory limits for Pesticides in soil samples

Target Analyte	USEPA Method	Laboratory Solid QLs (µg/Kg)	Laboratory Solid MDLs (µg/Kg)	Unrestricted Use SCOs ¹ (µg/Kg)	Residential Use SCOs ² (µg/Kg)	Restricted Residential Use SCOs ³ (µg/Kg)	Protection of Groundwater SCOs ⁴ (µg/Kg)	Protection of Ecological Resources SCOs ⁴ (µg/Kg)
4,4'-DDE	8081B	1.7	0.84	3.3	1,800	8,900	17,000	3.3
4,4'-DDT	8081B	1.7	0.84	3.3	1,700	7,900	136,000	3.3
4,4'-DDD	8081B	1.7	0.84	3.3	2,600	13,000	14,000	3.3
Aldrin	8081B	1.7	0.84	5	19	97	190	140
Alpha BHC	8081B	1.7	0.84	20	97	480	20	40
Beta BHC	8081B	1.7	0.84	36	72	360	90	600
Alpha Chlordane	8081B	1.7	0.84	94	910	4,200	2,900	1,300
Gamma Chlordane	8081B	1.7	1.23	NL	NL	NL	14,000	NL
Delta BHC	8081B	1.7	0.84	40	100,000	100,000	250	40
Dieldrin	8081B	1.7	0.84	5	39	200	100	6
Endosulfan I	8081B	1.7	0.84	2,400	4,800	24,000	102,000	NL
Endosulfan II	8081B	1.7	0.84	2,400	4,800	24,000	102,000	NL
Endosulfan Sulfate	8081B	1.7	0.84	2,400	4,800	24,000	1,000,000	NL
Endrin	8081B	1.7	0.84	14	2,200	11,000	60	14
Endrin Aldehyde	8081B	1.7	0.84	NL	NL	NL	NL	NL
Endrin Ketone	8081B	1.7	0.84	NL	NL	NL	NL	NL
Gamma BHC (Lindane)	8081B	1.7	0.84	100	280	1,300	100	6,000
Heptachlor	8081B	1.7	0.84	42	420	2,100	380	140
Heptachlor Epoxide	8081B	1.7	0.84	NL	NL	NL	20	NL
Methoxychlor	8081B	1.7	0.84	NL	NL	NL	900,000	1,200
Toxaphene	8081B	17	16	NL	NL	NL	NL	NL

Notes:

PCBs indicates polychlorinated biphenyls.
 QLs indicates quantitation limits.
 MDLs indicate method detection limits.
 µg/Kg indicates microgram per kilogram.
 MDLs and QLs provided by ALS, current as of June 2015.

Method Reference:

USEPA. 2004. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IIIB. Washington D.C.

Regulatory Criteria:

- 1- Unrestricted SCOs indicates Unrestricted Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(a), December 14, 2006.
- 2 - Residential Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(b), December 14, 2006.
- 3 - Restricted Residential Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(b), December 14, 2006.
- 4 - Protection of Groundwater and Ecological Resources SCOs referenced in Table 375-6.8(b) current as of July 2014; or NYSDEC Commissioners Policy/51 (CP-51) Soil Cleanup Guidance Document, issued October 21, 2010, Table 1.

Table 2-6A. Laboratory limits and regulatory limits for metals and total cyanide in aqueous samples

Target Analyte	USEPA Method	Method Reference	Laboratory Aqueous QL (µg/L)	Laboratory Aqueous MDL (µg/L)	New York State Class GA Groundwater Standards (µg/L)
Aluminum	6010C	1	100	8	NL
Antimony	6010C	1	60	4.6	3
Arsenic	6010C	1	10	2.1	25
Barium	6010C	1	20	0.75	1,000
Beryllium	6010C	1	3	0.16	3
Cadmium	6010C	1	5	0.17	5
Calcium	6010C	1	1000	40	NL
Chromium	6010C	1	10	0.35	50
Cobalt	6010C	1	50	0.54	NL
Copper	6010C	1	20	2.3	200
Iron	6010C	1	100	9	300
Lead	6010C	1	50	1.3	25
Magnesium	6010C	1	1000	9	35,000
Manganese	6010C	1	10	1.7	300
Mercury	7470A	3	0.2	0.03	0.7
Nickel	6010C	1	40	0.92	100
Potassium	6010C	1	2000	44	NL
Selenium	6010C	1	10	4	10
Silver	6010C	1	10	0.57	50
Sodium	6010C	1	1000	38	20,000
Thallium	6010C	1	10	2.1	0.5
Vanadium	6010C	1	50	3.6	NL
Zinc	6010C	1	20	6.2	2,000
Other Analytes					
Total Cyanide	9012B	2	0.01	0.003	200

Notes:

QLs indicates quantitation limits.

MDLs indicate method detection limits.

µg/L indicates micrograms per liter.

MDLs and QLs provided by ALS, current as of June 2015.

Highlighted cells indicate Lab MDL cannot meet regulatory criteria.

NL indicates not listed.

Method references:

1. USEPA. 2007. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IV. Washington D.C.
2. USEPA. 2004. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IIIB. Washington D.C.
- 3- USEPA. 1995. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, Update IIB. Washington D.C.

Regulatory Criteria:

*New York State Department of Environmental Conservation, Technical and Operational Guidance Series (T.O.G.S. 1.1.1), Class GA Standards and Guidance Values, Revised June 2004.

Table 2-6B. Laboratory limits and regulatory limits for metals and total cyanide in soil samples

Target Analyte	USEPA Method	Method Reference	Laboratory Solid QLs (µg/Kg)	Laboratory Solid MDLs (µg/Kg)	Unrestricted Use SCOs ¹ (µg/Kg)	Residential Use SCOs ² (µg/Kg)	Restricted Residential Use SCOs ³ (µg/Kg)	Protection of Groundwater SCOs ⁴ (µg/Kg)	Protection of Ecological Resources SCOs ⁴ (µg/Kg)
Aluminum	6010C	1	10	4.7	NL	NL	NL	NL	10,000,000
Antimony	6010C	1	6	0.42	NL	NL	NL	NL	12,000
Arsenic	6010C	1	1	0.28	13,000	16,000	16,000	16,000	13,000
Barium	6010C	1	2	0.11	350,000	350,000	400,000	820,000	433,000
Beryllium	6010C	1	0.3	0.017	7,200	14,000	72,000	47,000	10,000
Cadmium	6010C	1	0.5	0.022	2,500	2,500	4,300	7,500	4,000
Calcium	6010C	1	100	9.9	NL	NL	NL	NL	10,000,000
Chromium	6010C	1	1	0.12	1,000/30,000	22,000/36,000	110,000/180,000	19,000/NL	1,000/41,000
Cobalt	6010C	1	5	0.063	NL	NL	NL	NL	20,000
Copper	6010C	1	2	0.2	50,000	270,000	270,000	1,720,000	50,000
Iron	6010C	1	10	0.86	NL	NL	NL	NL	NL
Lead	6010C	1	5	0.12	63,000	400,000	400,000	450,000	63,000
Magnesium	6010C	1	100	0.35	NL	NL	NL	NL	NL
Manganese	6010C	1	1	0.061	1,600,000	2,000,000	2,000,000	2,000,000	1,600,000
Mercury	7471B	2	33	2	180	810	810	730	180
Nickel	6010C	1	4	0.12	30,000	140,000	310,000	130,000	30,000
Potassium	6010C	1	200	7	NL	NL	NL	NL	NL
Selenium	6010C	1	1	0.36	3,900	36,000	180,000	4,000	3,900
Silver	6010C	1	1	0.065	2,000	36,000	180,000	8,300	2,000
Sodium	6010C	1	100	11	NL	NL	NL	NL	NL
Thallium	6010C	1	50	0.27	NL	NL	NL	NL	NL
Vanadium	6010C	1	5	0.04	NL	NL	NL	NL	39,000
Zinc	6010C	1	2	0.13	109,000	2,200,000	10,000,000	2,480,000	109,000
Other Analytes									
Total Cyanide	9012B	2	0.10	0.015	27,000	27,000	10,000	40,000	NL

Notes:

- QLs indicates quantitation limits.
- MDLs indicate method detection limits.
- µg/Kg indicates microgram per kilogram.
- NL indicates not listed
- MDLs and QLs provided by ALS, current as of June 2015.
- NA indicates not applicable.

Method Reference:

- USEPA. 2007. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IV. Washington D.C.
- USEPA. 2004. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, SW-846, 3rd Edition, Update IIIB. Washington D.C.

Regulatory Criteria:

- Unrestricted SCOs indicates Unrestricted Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(a), December 14, 2006.
- Residential Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(b), December 14, 2006.
- Restricted Residential Use Soil Cleanup Objectives (SCOs) referenced in the NYSDEC General Remedial Program Requirements, presented in the New York State Codes, Rules and Regulations; Title 6, Chapter IV, Subpart 375 (Part 375), Table 375-6.8(b), December 14, 2006.
- Protection of Groundwater and Ecological Resources SCOs referenced in Table 375-6.8(B) current as of July 2014; or NYSDEC Commissioners Policy/51 (CP-51) Soil Cleanup Guidance Document, issued October 21, 2010, Table 1.

Table 2-7. VOCs using USEPA Methods 8000C/8260C quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Holding times	Samples must be analyzed within holding time.	<p>For aqueous and solid samples: Analyze within 14 days from collection for preserved samples. Analysis within 7 days from collection to analysis for aqueous samples not acid preserved.</p> <p>For vinyl chloride, styrene - analyze within 7 days from collection.</p> <p>For TCLP - 14 days from collection to extraction. 14 days from extraction to analysis.</p>	<ol style="list-style-type: none"> 1. If holding times are exceeded for initial or any re-analyses required due to QC excursions. 2. Notify QAO since re-sampling may be required. 3. Document corrective action in the case narrative.
MS Tuning	<p>Once every 12 hours prior to initial calibration and calibration verifications.</p> <p>Analytical sequence must be completed within 12 hours of the GC/MS Instrument Performance Check</p>	<ol style="list-style-type: none"> 1. Bromofluorobenzene (BFB) key ions and abundance criteria listed in the method Table 3 must be met for all 9 ions and analyses must be performed within 12 hours of injection of the BFB. 2. Part of the BFB peak will not be background subtracted to meet tune criteria. 3. Documentation of all bromofluorobenzene analyses and evaluation must be included in the data packages. 	<ol style="list-style-type: none"> 1. Tune the mass spectrometer. 2. Document corrective action in the case narrative. 3. Samples cannot be analyzed until control limit criteria have been met.

Table 2-7. VOCs using USEPA Methods 8000C/8260C quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
<p>Initial Calibration</p>	<p>Prior to sample analysis and when calibration verifications criteria are not met.</p> <p>Initial calibration will contain all target analytes in each standard.</p> <p>Quantitation of analyses will utilize the initial calibration results.</p>	<ol style="list-style-type: none"> 1. Five concentrations bracketing expected concentration range for all compounds of interest. 2. One second-source standard must be analyzed immediately following the initial calibration at the mid-calibration concentration. This standard must be within 30% recovery or within laboratory control limits. It is also recommended that a separate standard at the MDL level be analyzed after calibration is complete to check sensitivity. 3. Response factor (RF) as listed in Table 4, Method 8260C, with remaining RFs factor ≥ 0.050 except for ketones with allowable response factor ≥ 0.010. 4. For compound with %RSD >20, quantitation must be performed using a separate calibration curve and the Coefficient of Determination (COD) must be ≥ 0.99. If linear regression is used for the calibration curve, the low initial calibration standard should be evaluated for accuracy using criteria of %D $<30\%$ from true value. 5. Relative retention time (RRT) for each target analyte in each calibration standard must agree within ± 0.06 RRT units 	<ol style="list-style-type: none"> 1. Identify and correct problem. 2. If criteria are still not met, recalibrate. 3. Document corrective action in the case narrative. 4. Samples should not be analyzed until calibration control limit criteria are met. 5. Contact QAO to discuss problem target analytes before proceeding with analysis.
<p>Calibration Verification</p>	<p>Every 12 hours, following BFB.</p> <p>The calibration verification will contain all target analytes in each standard at a concentration that is representative of the midpoint of the initial calibration.</p>	<ol style="list-style-type: none"> 1. Within percent drift or percent difference (%D) ≤ 20 for compounds, RF same as listed in initial calibration. 2. The internal standards areas and retention times must meet the method criteria. 	<ol style="list-style-type: none"> 1. Reanalyze. 2. If criteria are still not met, identify and correct problem, recalibrate. 3. Document corrective action in the case narrative; samples should not be analyzed until calibration control limit criteria are met.

Table 2-7. VOCs using USEPA Methods 8000C/8260C quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Preparation Blank Analysis	Every 12 hours, following calibration verification	Methylene chloride less than 3 times QL and 2-butanone and acetone less than 5 times QL remaining analytes less than QL will be provided along with the preparation blank results.	<ol style="list-style-type: none"> 1. Reanalyze blank. 2. If limits are still exceeded, clean instrument, recalibrate analytical system, and reanalyze all samples if detected for same compounds as in blank. 3. Document corrective action in the case narrative - samples cannot be analyzed until blank criteria have been met.
Field Blank Analysis	Collected one per sampling equipment and after every 20 samples.	Methylene chloride less than 3 times QL and 2-butanone and acetone less than 5 times QL remaining analytes less than QL will be provided along with the preparation blank results.	<ol style="list-style-type: none"> 1. Investigate problem. 2. Document in the case narrative.
Trip Blank	1 per cooler containing VOC samples.	Methylene chloride less than 3 times QL and 2-butanone and acetone less than 5 times QL remaining analytes less than QL will be provided along with the preparation blank results.	<ol style="list-style-type: none"> 1. Investigate problem. 2. Document in the case narrative.
Laboratory Control Sample Analysis	<p>Each analytical batch (every 12 hours).</p> <p>Prepared independently from calibration standards.</p> <p>Spike must contain all target analytes and should be at a concentration, which is in the lower 1/2 of the calibration curve.</p>	<p>Recovery within laboratory control limits. For compounds without established laboratory control limits, 70-130% recovery will be used.</p> <p>The lowest acceptable control limits for recovery will be 10%.</p>	<ol style="list-style-type: none"> 1. If recovery failures are above control limits and these compounds are not detected in the associated samples, corrective action is not required. 2. If recovery failures are below control limits, reanalyze LCS and examine results of other QC analyses. 3. If other QC criteria have not been met, stop analysis, locate and correct problem, recalibrate instrument and reanalyze samples since last satisfactory LCS. 4. Document corrective action in the case narrative.

Table 2-7. VOCs using USEPA Methods 8000C/8260C quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Internal Standards	All samples and blanks (including MS/MSD)	<ol style="list-style-type: none"> Response -50% - +200% of internal standards from continuing calibration of the day. RT must be ± 30 sec. from associated calibration verification standard of that sequence. 	<ol style="list-style-type: none"> Reanalyze. If still outside of the limits, report both analyses. Document corrective action in the case narrative.
Surrogate Spike	All samples and blanks (including MS/MSD)	Recovery within laboratory control limits. The lowest acceptable control limits for recovery will be 10%.	<ol style="list-style-type: none"> Reanalyze any environmental or QC sample with surrogates that exceed control limits. If still outside of the limits, report both analyses. Document corrective action in the case narrative.
Matrix Spike/ Matrix Spike Dup. (MS/MSD) Analysis	Collected one per 20 samples or one per matrix (for less than 20 samples) Samples from the investigation must be used for MS/MSD analysis. Spike must contain complete list of target analytes.	Recovery and RPD within laboratory control limits. For compounds without established laboratory control limits, 70-130% recovery will be used. The lowest acceptable control limits for recovery will be 10%.	<ol style="list-style-type: none"> Reanalyze if <10%. If reanalysis is still <10%, report both analyses and document in the case narrative. If >10% and LCS criteria are met, document in case narrative; no additional corrective action required. If LCS criteria are exceeded also, examine other QC data for source of problem; <i>i.e.</i>, surrogate recoveries for extraction efficiency and calibration data for instrument performance issues. Reanalyze samples and associated MS/MSD and LCSs as required. Document corrective action in the case narrative

Table 2-7. VOCs using USEPA Methods 8000C/8260C quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Field Dup. Analysis	<p>Collected one per 20 samples or one per matrix (for less than 20 samples)</p> <p>Field duplicate will not be identified to the laboratory.</p>	<p>Validation criteria: 50% RPD for waters, 100% RPD for solids.</p> <p>For sample results that are less than or equal to five times the QL, the criterion of plus or minus two times the QL will be applied to evaluate field duplicates.</p>	<p>No corrective action required of the laboratory since the laboratory will not know the identity of the field duplicate samples. If these criteria are not met, sample results will be evaluated on a case-by-case basis.</p>
Target Analyte Identification	<p>As required for identification of target analytes</p>	<ol style="list-style-type: none"> 1. The intensities of the characteristic ions of a compound maximize in the same scan or within one scan of each other. Selection of a peak by a data system target compound search routine where the search is based on the presence of a target chromatographic peak containing ions specific for the target compound at a compound-specific retention time will be accepted as meeting this criterion. 2. The relative retention time (RRT) of the sample component is within ± 0.06 RRT units of the RRT of the standard component. 3. The relative intensities of the characteristic ions agree within 30% of the relative intensities of these ions in the reference spectrum. (Example: For an ion with an abundance of 50% in the reference spectrum, the corresponding abundance in a sample spectrum can range between 20% and 80%.) 4. Structural isomers that produce very similar mass spectra should be identified as individual isomers if they have sufficiently different GC retention times 5. Identification is hampered when sample components are not resolved chromatographically and produce mass spectra containing ions contributed by more than one analyte. When gas chromatographic peaks obviously represent more than one sample component (i.e., a broadened peak with shoulder(s) or a valley between two or more maxima), appropriate selection of analyte spectra and background spectra is important. 	<p>Not applicable</p>

Table 2-7. VOCs using USEPA Methods 8000C/8260C quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Target Analyte Identification	As required for identification of target analytes	Examination of extracted ion current profiles of appropriate ions can aid in the selection of spectra, and in qualitative identification of compounds. When analytes co-elute (i.e., only one chromatographic peak is apparent), the identification criteria may be met, but each analyte spectrum will contain extraneous ions contributed by the co-eluting compound.	Not applicable
Target Analyte Quantitation	Apply USEPA Method 8000C for medium level extraction technique	Moisture correction in accordance with USEPA Method 8000C will be applied to the complete set of solid samples, regardless of the percent moisture content..	Not applicable
Tentatively Identified Compound	If required, perform for each sample and blank analysis. Non-target compounds will be reported using a Mass Spectral Library search.	Not applicable	Not applicable
Dilutions	<ol style="list-style-type: none"> 1. When target analyte concentration exceeds upper limit of calibration curve. 2. When matrix interference is demonstrated by the lab and documented in the case narrative (highly viscous samples or a large number of non-target peaks on the chromatogram). 3. It is recommended that a reagent blank be analyzed if an analyte saturates the detector or if highly concentrated analytes are detected. Otherwise data impacted from carryover cannot be used. 4. Laboratory will note in the data deliverables which analytical runs were reported. 	<ol style="list-style-type: none"> 1. The reagent blank will meet the method blank criteria. 	<ol style="list-style-type: none"> 1. Reanalyze reagent blank until method blank criteria are met. 2. Document corrective action in the case narrative.
pH Determination	Once sample aliquot is taken from the VOC vial, the pH of water samples must be determined.	Record pH and report in the case narrative.	Not applicable
Sample Batching	The laboratory will batch project samples together along with QC samples specified from the project. Non-project information will not be included in the data packages.	Not applicable	Not applicable

Table 2-7. VOCs using USEPA Methods 8000C/8260C quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Laboratory control limits	Generated with results for an analyte from a minimum of 20 sample analyses. The average of the sample results and the standard deviation are calculated. The internal warning limits are established at 2 times the standard deviation and the control limits are established at 3 times the standard deviation. The control limits are updated annually.	Not applicable	Not applicable
Deliverables	<ol style="list-style-type: none"> 1. Full CLP-like deliverables must be provided to document each audit item for easy reference and inspection. 2. An example calculation will be provided for each analysis, for each type of matrix in the data package using samples from the project. 3. Any laboratory abbreviations or notations presented in the raw data or summary information will be explained or referenced in the case narrative. 4. Final spiking concentrations will be presented in summary form. 5. Standard tracing information will be provided. 6. Cooler temperatures and any observations of bubbles in sample containers will be provided in the data packages. 7. Run logs will be provided in the data packages. 	Not applicable	Provide missing or additional deliverables for validation purposes.
Method and QCP requirements	The laboratory will perform the method as presented in this QCP and will adhere to the QCP requirements presented herein. Otherwise the laboratory will specifically note any procedures that differ from the method or the QCP in the data package case narrative.	Not applicable	Not applicable

Notes:

Data validation will be performed in accordance with QA/QC criteria established in these tables and the analytical methods. Excursions from QA/QC criteria will be qualified based on guidance provided in this QCP.

Communications with O'Brien & Gere will be documented and included in the data packages.

Source: O'Brien & Gere

Table 2-8. SVOCs using USEPA Methods 8000C/8270D quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Holding Times	Samples must be extracted and analyzed within holding time.	Extract within 7 days from collection for aqueous samples; 14 days for soil samples. Analyze extracts within 40 days of extraction. For TCLP: 14 days from collection to extraction, 7 days from extraction to extraction. 40 days from extraction to analysis	If holding times are exceeded for initial or any re-analyses required due to QC excursions, notify the QAO since re-sampling may be required.
GC/MS Instrument Performance Check	Once every 12 hours prior to initial calibration and calibration verification. Must contain 50ng/uL of 4,4-DDT, pentachlorophenol, and benzidine. Analytical sequence must be completed within 12 hours of the GC/MS Instrument Performance Check	1. Decafluorotriphenylphosphine (DFTPP) key ions and abundance criteria listed in the method must be met for all 13 ions and analyses must be performed within 12 hours of injection of the DFTPP. 2. Part of the DFTPP peak will not be background subtracted to meet tune criteria. 3. Documentation of all DFTPP analyses and evaluations must be included in the data packages. 4. Degradation of 4,4-DDT <20%. Peak tailing must not be evident.	1. Tune the mass spectrometer. 2. Document corrective action in the case narrative - samples cannot be analyzed until control limit criteria have been met.

Table 2-8. SVOCs using USEPA Methods 8000C/8270D quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Initial Calibration	<p>Prior to sample analysis and when calibration verification criteria are not met.</p> <p>Initial calibration will contain all target analytes in each standard.</p> <p>Quantitation of analyses will utilize the initial calibration results.</p>	<ol style="list-style-type: none"> Five concentrations bracketing expected concentration range for all compounds of interest with one standard at or less than the QL One second-source standard should be analyzed immediately following the initial calibration at the mid-calibration concentration. This standard must be within 30% recovery or within laboratory control limits. It is also recommended that a separate standard at the MDL level be analyzed after calibration is complete to check sensitivity. RFs must meet criteria listed in Method 8270D; remaining RFs must be 0.05 with RF of 0.01 for n-nitroso-di-n-propylamine and 2,4-dimethylphenol. For compounds with %RSD >20, quantification must be performed using a separate calibration curve and the COD must be ≥ 0.990. If linear regression is used for the calibration curve, the low level initial calibration standard should be evaluated for accuracy using criteria of %D < 30% from the true value. Relative retention for each target analyte in each calibration standard must agree within + 0.06 units. 	<ol style="list-style-type: none"> Identify and correct problem. If criteria are still not met, recalibrate. Document corrective action in the case narrative - samples should not be analyzed until calibration control limit criteria are met.
Calibration Verification	<p>Every 12 hours, following DFTPP.</p> <p>Calibration verification will contain all target analytes in each standard at a concentration that is representative of the midpoint of the initial calibration.</p>	<ol style="list-style-type: none"> Within method specified criteria, percent drift or percent difference (%D) ≤ 20 for all compounds. Response factor requirements as listed in initial calibration. The internal standards areas and retention times must meet the method criteria. 	<ol style="list-style-type: none"> Reanalyze. If criteria are still not met, identify and correct problem, recalibrate. Document corrective action in the case narrative - samples should not be analyzed until calibration control limit criteria are met.
Preparation Blank Analysis	<p>Prepared with each extraction batch of no more than 20 analytical samples.</p>	<ol style="list-style-type: none"> Common laboratory contaminants (phthalate) less than 5 x QL. Remaining analytes less than QL. 	<ol style="list-style-type: none"> Reanalyze blank. If limits are still exceeded, clean

Table 2-8. SVOCs using USEPA Methods 8000C/8270D quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
		2. QLs and MDLs will be provided along with the preparation blank results.	instrument, recalibrate analytical system and re-extract and reanalyze all samples if detected for same compounds as in the blank. 3. Document corrective action in the case narrative - samples should not be analyzed until blank criteria have been met.
Field Blank Analysis	Collected one per 20 samples or one per sampling event.	1. Common laboratory contaminants (phthalate) less than 5 x QL. Remaining analytes less than QL. 2. QLs and MDLS will be provided along with the blank results.	1. Investigate problem. 2. Document in the case narrative.
Laboratory Control Sample (LCS) or Matrix Spike Blank (MSB) Analysis	Prepared with each extraction batch, of no more than 20 analytical samples. Prepared independently from calibration standards. LCS or MSB must contain all target compounds and should be at a concentration that is approximately in the lower 1/2 of the calibration curve.	Recovery within laboratory control limits. For compounds without established laboratory control limits, 70 to 130% recovery will be used. The lowest acceptable control limits for recovery will be 10%.	1. If recovery failures are above control limits and these compounds are not detected in the associated samples, no corrective action is required. 2. If recovery failures are below the control limits, reanalyze LCS and examine results of other QC analyses. 3. If other QC criteria have not been met, stop analysis, locate and correct problem, recalibrate instrument and reanalyze samples since last satisfactory LCS. 4. Document corrective action in the case narrative.
Internal Standards	All samples and blanks (including MS/MSD).	1. Response -50% - +200% of the internal standards from the continuing cal of the day. 2. RT must be ± 30 sec. from calibration verification of that sequence.	1. Reanalyze. 2. If recovery is still outside criteria, report both analyses. 3. Document corrective action in the case narrative.

Table 2-8. SVOCs using USEPA Methods 8000C/8270D quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Surrogate Spike	All samples and blanks (including MS/MSD).	Recovery within laboratory control limits. The lowest acceptable control limits for recovery will be 10%.	<ol style="list-style-type: none"> 1. Reanalyze if more than 1 AE or 1 BN fails, or if any one surrogate recovery is < 10%. 2. If recovery meets criteria, report both analyses. 3. If re-analysis recovery fails and if the recovery is <10%, re-extract sample if within holding time and re-analyze. 4. If re-analysis recovery fails and if the recovery is >10%, report both analyses. 5. Document corrective action in the case narrative.
Matrix Spike/ Matrix Spike Dup. (MS/MSD) Analysis	Collected one per 20 samples or one per matrix (for less than 20 samples) Samples from the investigation must be used for MS/MSD analysis. Spike must contain complete list of target analytes.	Recovery and RPD within laboratory control limits. For compounds without established laboratory control limits, 70-130% recovery will be used. The lowest acceptable control limits for recovery will be 10%.	<ol style="list-style-type: none"> 1. Reanalyze if <10%. 2. If reanalysis is < 10%, report both analyses and document in the case narrative. 3. If reanalysis is >10%, and LCS criteria are met, document in the case narrative. 4. If LCS criteria are exceeded also, examine other QC data for source of problem; i.e. surrogate recoveries for extraction efficiency and calibration data for instrument performance issues; re-extract or reanalyze samples and associated MS/MSD and LCSs as required.

Table 2-8. SVOCs using USEPA Methods 8000C/8270D quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Field Duplicate Analysis	Collected one per 20 samples or one per matrix (for less than 20 samples) Field duplicate will not be identified to the laboratory.	Validation criteria: 50% RPD for waters, 100% RPD for solids. For sample results that are less than or equal to five times the QL, the criterion of plus or minus two times the QL will be applied to evaluate field duplicates.	No corrective action required of the laboratory since the laboratory will not know the identity of the field duplicate samples. sample results will be evaluated on a case-by-case basis.
Percent solids	For soil/ samples, the percent solids will be determined and sample results will be corrected for percent solids.	Not applicable	Not applicable
Target Analyte Identification	As required for identification of target analytes	<ol style="list-style-type: none"> 1. The intensities of the characteristic ions of a compound maximize in the same scan or within one scan of each other. Selection of a peak by a data system target compound search routine where the search is based on the presence of a target chromatographic peak containing ions specific for the target compound at a compound-specific retention time will be accepted as meeting this criterion. 2. The relative retention time (RRT) of the sample component is within ± 0.06 RRT units of the RRT of the standard component. 3. The relative intensities of the characteristic ions agree within 30% of the relative intensities of these ions in the reference spectrum. (Example: For an ion with an abundance of 50% in the reference spectrum, the corresponding abundance in a sample spectrum can range between 20% and 80%.) 4. Structural isomers that produce very similar mass spectra should be identified as individual isomers if they have sufficiently different GC retention times. 5. Identification is hampered when sample components are not resolved chromatographically and produce mass spectra containing ions contributed by more than one analyte. When gas chromatographic peaks obviously represent more than one sample component (i.e., a broadened peak with shoulder(s) or a valley between two or more maxima), appropriate selection of analyte spectra and background spectra is important. 	Not applicable

Table 2-8. SVOCs using USEPA Methods 8000C/8270D quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
		6. Examination of extracted ion current profiles of appropriate ions can aid in the selection of spectra, and in qualitative identification of compounds. When analytes coelute (i.e., only one chromatographic peak is apparent), the identification criteria may be met, but each analyte spectrum will contain extraneous ions contributed by the co-eluting compound.	
Cleanup	Gel permeation chromatography should be performed for water extracts with high molecular weight contaminants.	Calibrate according to method. Criteria must be met as listed in method for calibration and blank analysis.	Clean GPC column or replace.
Tentatively Identified Compound (where applicable)	Report 30 SVOCs for each sample and blank analysis. Non-target compounds will be reported using a Mass Spectral Library search.	Not applicable	Not applicable
Sample Batching	The laboratory will batch project samples together along with QC samples specified from the project. Non-project information will not be included in the data packages.	Not applicable	Not applicable
Dilutions	<ol style="list-style-type: none"> 1. When target analyte concentration exceed upper limit of calibration curve. 2. When matrix interference demonstrated by lab and documented in the case narrative (highly viscous samples or a large number of non-target peaks on the chromatogram). 3. Samples should be cleaned up during sample preparation/extraction procedure using appropriate methods when matrix interference is present. 4. Laboratory will note in the data deliverables which analytical runs were reported. 	Not applicable	Not applicable

Table 2-8. SVOCs using USEPA Methods 8000C/8270D quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Laboratory control limits	1. Generated with results for an analyte from a minimum of 20 sample analyses. The average of the sample results and the standard deviation are calculated. The internal warning limits are established at 2 times the standard deviation and the control limits are established at 3 times the standard deviation. The control limits are updated annually.	Not applicable	Not applicable
Deliverables	1. Full CLP-like deliverables must be provided to document each audit item for easy reference and inspection. 2. An example calculation will be provided for each analysis, for each type of matrix in the data package using samples from the project. 3. Any laboratory abbreviations or notations presented in the raw data or summary information will be explained or referenced in the case narrative. 4. Final spiking concentrations will be presented in summary form. 5. Standard tracing information will be provided. 6. Cooler temperatures will be provided in the data packages. 7. Run logs will be provided in the data packages.	Not applicable	Provide missing or additional deliverables for validation purposes.
Method and QCP requirements	The laboratory will perform the method as presented in this QCP and will adhere to the QCP requirements presented herein. Otherwise the laboratory will specifically note any procedures that differ from the method or the QCP in the data package case narrative.	Not applicable	Not applicable

Notes: Data validation will be performed in accordance with QA/QC criteria established in these tables and the analytical methods. Excursions from QA/QC criteria will be qualified based on guidance provided in this QCP. Communications with O'Brien & Gere will be documented and included in the data package

Source: O'Brien & Gere

Table 2-9. PCBs using Methods 8000C/8082A quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Laboratory Corrective Actions (Applies to both primary and confirmation columns)
Holding Times	Samples must be extracted and analyzed within holding time.	Method holding time: None Project holding time: Extract within 7 days from collection for aqueous samples and 14 days from collection for solid samples. Analyze extracts within 40 days of extraction.	<ol style="list-style-type: none"> 1. If holding times are exceeded for initial or any re-analyses required due to QC excursions, notify the QAO immediately. 2. Document corrective action in the case narrative.
Initial Calibration	<p>Prior to start up and when criteria are exceeded for continuing calibration.</p> <p>Calibrations must contain all target analytes.</p> <p>Quantitation of analyses will utilize the initial calibration results.</p>	<ol style="list-style-type: none"> 1. Minimally five concentrations for Aroclor 1016/1260 (one point calibration for the remaining Aroclors), one calibration standard must be at concentration less than or equal to the QL. 2. Recommended that if results are reported below the QL, a separate standard at the MDL level analyzed after calibration is complete to check sensitivity. 3. If $RSD \leq 20\%$, the average relative response factor (internal calibration) or average calibration factor (external calibration) is used for quantitation. If $RSD > 20\%$, a linear regression calibration that does not pass through the origin with a correlation coefficient (r) ≥ 0.990 is used for quantitation; or a nonlinear first or second order calibration curve with a coefficient of determination (COD) of ≥ 0.990 is used for quantitation. 	<ol style="list-style-type: none"> 1. Identify and correct problem. 2. Recalibrate instrument; samples should not be analyzed until initial calibration criteria are met. 3. Document corrective action in the case narrative.

Table 2-9. PCBs using Methods 8000C/8082A quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Laboratory Corrective Actions (Applies to both primary and confirmation columns)
Calibration Verification	<p>Calibration standards must contain Aroclor 1016/1260 at the mid-range concentration.</p> <p>Calibration verification standards must be analyzed every 20 samples and must bracket each end of the sample sequence. In the case that Aroclors are detected above the MDL concentration in the associated samples, the identified Aroclor must be analyzed within the same 48 hour period as the sample in a valid analytical sequence.</p>	<p>Calibration verification response %D ≤ 20%.</p> <p>RT for each target analyte must be within established RT windows.</p>	<ol style="list-style-type: none"> 1. Reanalyze. 2. If criteria are still not met, identify and correct problem, recalibrate; reanalyze samples back to last compliant calibration standard. Samples must be bracketed by compliant calibration standards. 3. Document corrective action in the case narrative.
Retention Time Windows	<p>Retention time windows (absolute retention time) must be established in accordance with USEPA Method 8000B/8000C or relative retention times must be used if internal standards are employed.</p>	<p>Compounds must be within established retention time windows or within laboratory established relative retention time criteria for the succeeding calibration standards.</p> <p>Retention time windows must be provided for each calibration verification. Retention times for each surrogate analyzed for samples and QC samples must be provided on a summary form.</p>	<ol style="list-style-type: none"> 1. Reanalyze. 2. If criteria are still not met, identify and correct problem, recalibrate; reanalyze samples back to last compliant calibration standard. 3. Document corrective action in the case narrative.
Method Blank Analysis	<p>Method Blank : 1 per 20 samples of similar matrix extracted at the same time and undergo same cleanup procedures as samples or a separate cleanup blank must be prepared and analyzed.</p>	<p>Compound concentrations must be <QL.</p>	<ol style="list-style-type: none"> 1. Reanalyze. 2. If limits are still exceeded, re-extract and reanalyze method blank and associated samples. Samples must not be analyzed until method blank criteria are met. 3. Document corrective action in the case narrative.
Blank Analysis	<p>Instrument blank: Must be analyzed at the beginning of 12 hour sequence, following the initial calibration verification standard.</p>	<p>Compound concentrations must be <QL.</p>	<ol style="list-style-type: none"> 1. Reanalyze. 2. If limits are still exceeded, re-extract and reanalyze method blank and associated samples. Samples must not be analyzed until method blank criteria are met. 3. Document corrective action in the case narrative.

Table 2-9. PCBs using Methods 8000C/8082A quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Laboratory Corrective Actions (Applies to both primary and confirmation columns)
<p>Laboratory Control Sample Or Matrix Spike Blank Analysis</p>	<p>1 per 20 samples of similar matrix extracted at the same times.</p> <p>LCS must be spiked with the Aroclor suspected to be at the site at concentrations near the low end of the calibration curve. Otherwise, Aroclor 1016/1260 or other Aroclors may be used in the LCS analysis.</p>	<p>Percent recoveries must be within laboratory control limits.</p> <p>For compounds without established laboratory control limits, 70-130% recovery will be used.</p> <p>The lowest acceptable control limits for recovery will be 10%.</p>	<ol style="list-style-type: none"> 1. Reanalyze and examine results of other QC analyses. 2. If the percent recovery is above laboratory control limits and the affected compound is not detected in the associated samples, corrective action is not required; document in case narrative. 3. If percent recovery is below laboratory control limits or <10%, reanalyze LCS. If recoveries remain below limits and other QC criteria have been met, report both analyses and document in case narrative report. 4. If recoveries are below laboratory control limits and additional QC excursions are observed, locate and correct problem, recalibrate instrument and re-extract and/or re-analyze samples since last satisfactory LCS. 5. Document corrective action in the case narrative.
<p>MS/MSD Analysis</p>	<p>1 per 20 samples of similar matrix extracted at the same times.</p> <p>MS/MSDs must be spiked with the Aroclor suspected to be at the site at concentrations near the low end of the calibration curve. Otherwise, Aroclor 1016/1260 or other Aroclors may be used.</p> <p>Samples from the investigation must be used for MS/MSD analysis.</p>	<p>Recovery and RPD within laboratory control limits.</p> <p>For compounds without established laboratory control limits, 70-130% recovery will be used.</p> <p>The lowest acceptable control limits for recovery will be 10%.</p>	<ol style="list-style-type: none"> 1. Reanalyze if <10%. 2. If reanalysis is still <10%, report both analyses and document in the case narrative. 3. If re-analysis is >10% and LCS criteria are met, document in case narrative; no additional corrective action required. 4. If LCS criteria are exceeded also, examine other QC data for source of problem; i.e., surrogate recoveries for extraction efficiency and calibration data for instrument performance issues. 5. Re-extract or reanalyze samples and associated MS/MSD and LCSs as required. 6. Document corrective action in the case narrative.

Table 2-9. PCBs using Methods 8000C/8082A quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Laboratory Corrective Actions (Applies to both primary and confirmation columns)
Surrogate Spike	Samples, blanks, MS/MSDs, and LCSs must be spiked with method specified surrogate compounds on each column used in the analysis.	<p>Recovery within laboratory control limits.</p> <p>Corrective action is not required if one of the four surrogates (for two columns) has recovery outside of control limits if the recovery is >10% and the remaining three surrogates are within control limits.</p> <p>Surrogate recoveries for each surrogate on each column must be provided in a summary form.</p> <p>The lowest acceptable control limits for recovery will be 10%.</p>	<ol style="list-style-type: none"> 1. Reanalyze. 2. If reanalysis recovery fails criteria but is >10%, report both analyses and document in case narrative report. 3. If reanalysis recovery is <10%, re-extract and reanalyze the sample. 4. Special Circumstances. 5. If matrix interference is present (as documented in the case narrative): 6. Reanalyze sample; may be at a higher dilution. 7. Report both analyses. 8. Document corrective action in the case narrative.
Identification	Samples, blanks, and QC data.	<p>Retention times must be within established retention time windows or must meet relative retention time criteria.</p> <p>Confirmation analysis is required.</p> <p>Retention time windows must be provided for each calibration verification.</p> <p>USEPA CLP Form 10 Summary form, providing the percent difference and retention times for all detected analytes in samples and QC samples, will be provided.</p> <p>Percent difference calculation:</p> <p>Difference between Primary column concentration and the Confirmation column divided by the Primary column times 100.</p>	<ol style="list-style-type: none"> 1. Investigate problem; reanalyze calibration standards to check for retention time shift. 2. Document corrective action in the case narrative.

Table 2-9. PCBs using Methods 8000C/8082A quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Laboratory Corrective Actions (Applies to both primary and confirmation columns)
Quantitation	Samples, blanks, and QC data.	<p>Confirmation analysis is required.</p> <p>Internal or external standard method may be used. Verify concentration is within linear calibration range of standards.</p> <p>Aroclor concentration is determined using response factor for each of the characteristic peaks and then averaging the five concentrations.</p> <p>Peak areas from a minimum of three Aroclor peaks unique to the target Aroclor will be used to quantitate the Aroclor concentration.</p> <p>Every effort must be made to meet specified QL requirements.</p> <p>Lab must state the technique used for quantitation of results for the samples.</p>	<ol style="list-style-type: none"> 1. If concentration is above linear calibration range, dilute sample and reanalyze. Dilution should result in concentration in the upper calibration range of the instrument. 2. Document corrective action in the case narrative.
Field/ Equipment Blank Analysis	Collected one per sampling equipment and after every 20 samples.	Compounds concentrations must be <QL.	<ol style="list-style-type: none"> 1. Investigate problem; reanalyze to verify laboratory cross contamination is not a factor. 2. Document in the case narrative.
Field Duplicate Analysis	Collected 1 per matrix type; every 20 samples of similar matrix.	<p>Validation criteria:</p> <p>50% RPD for waters and 100% RPD for solids.</p> <p>For sample results that are less than or equal to five times the QL, the criterion of plus or minus two times the QL will be applied to evaluate field duplicates.</p>	No corrective action required of the laboratory since the laboratory will not know the identity of the field duplicate samples. If these criteria are not met, sample results will be evaluated on a case-by-case basis during the validation process.
Chromatography Presentation	For each standard, sample and QC sample analysis.	Copies of chromatograms provided in the data package must be large enough to view during validation; detail of each peak involved in the Aroclor identification, including peak shape and associated baseline. In the case that matrix interference is detected or manual integration is performed, enlarged copies of those manipulations will be included in the data package for review.	<ol style="list-style-type: none"> 1. Provide requested information.

Table 2-9. PCBs using Methods 8000C/8082A quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Laboratory Corrective Actions (Applies to both primary and confirmation columns)
Sample Batching	<p>The laboratory will batch project samples together along with QC samples specified from the project. Non-project information will not be included in the data packages.</p> <p>USEPA Form 8 Summary form, providing the date, time of analysis of samples and QC samples, surrogate retention times and surrogate retention time window, will be provided.</p>	Not applicable	Not applicable
Confirmation Analysis	<p>Dual column quantitation and qualitative confirmation will be performed.</p> <p>The information presented in CLP Form 10 will be provided in the data package for evaluation.</p>	Not Applicable	Not Applicable
Laboratory control limits	<p>Generated with results for an analyte from a minimum of 20 sample analyses. The average of the sample results and the standard deviation are calculated. The internal warning limits are established at 2 times the standard deviation and the control limits are established at 3 times the standard deviation. The control limits are updated annually.</p>	Not applicable	Not applicable
Percent solids	<p>For solids samples, the percent solids will be determined and sample results will be corrected for percent solids.</p>	Not applicable	Not applicable

Table 2-9. PCBs using Methods 8000C/8082A quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Laboratory Corrective Actions (Applies to both primary and confirmation columns)
Dilutions	<ol style="list-style-type: none"> 1. When target analyte concentration exceed upper limit of calibration curve. 2. When matrix interference demonstrated by lab and documented in the case narrative (highly viscous samples or a large number of non-target peaks on the chromatogram). 3. Samples should be cleaned up during sample preparation/extraction procedure using appropriate methods when matrix interference is present. 4. Laboratory will note in the data deliverables which analytical runs were reported. 	<ol style="list-style-type: none"> 1. The reagent blank will meet the method blank criteria. 	<ol style="list-style-type: none"> 1. Reanalyze reagent blank until method blank criteria are met.

Table 2-9. PCBs using Methods 8000C/8082A quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Laboratory Corrective Actions (Applies to both primary and confirmation columns)
Deliverables	<ol style="list-style-type: none"> 1. Full CLP-like deliverables must be provided to document each audit item for easy reference and inspection. 2. An example calculation will be provided for each analysis, for each type of matrix in the data package using samples from the project. 3. Any laboratory abbreviations or notations presented in the raw data or summary information will be explained or referenced in the case narrative. 4. Final spiking concentrations will be presented in summary form. 5. Standard tracing information will be provided. 6. Cooler temperatures will be provided in the data packages. 7. Run logs will be provided in the data packages. 	Not applicable	Provide missing or additional deliverables for validation purposes.
Method and QCP requirements	The laboratory will perform the method as presented in this QCP and will adhere to the QCP requirements presented herein. Otherwise the laboratory will specifically note any procedures that differ from the method or the QCP in the data package case narrative.	Not applicable	Not applicable

NOTES:

Data validation will be performed in accordance with QA/QC criteria established in these tables and the analytical methods that are currently used by the laboratory. Excursions from QA/QC criteria will be qualified based on guidance provided in this QCP. Communications with the QAO will be documented and included in the data packages.

Source: O'Brien & Gere

Table 2-10. Organochlorine Pesticides using USEPA Methods 8000C/8081B quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Corrective Action (Applies to both primary and confirmation columns)
Holding Times	Samples must be extracted and analyzed within holding time.	Organochlorine Pesticides - Extract within 7 days from collection for aqueous samples and 14 days from collection for solid samples. Analyze extracts within 40 days of extraction.	<ol style="list-style-type: none"> 1. If holding times are exceeded for initial or any re-analyses required due to QC excursions, notify the Project Manager immediately since re-sampling may be required. 2. Document any observations and corrective action in the case narrative.
Initial Calibration	<p>Prior to start up and when criteria are exceeded for continuing calibration.</p> <p>Calibrations must contain all target analytes.</p> <p>Quantitation of analyses will utilize the initial calibration results.</p>	<ol style="list-style-type: none"> 1. Minimally five concentrations for each single component analyte. One calibration standard must be at concentration less than or equal to the QL. 2. It is recommended that if results are reported below the QL, a separate standard at the MDL level analyzed after calibration is complete to check sensitivity. 3. Toxaphene requires a single point calibration. If detected in samples, the samples are re-analyzed behind a five-point calibration for each detected analyte. 4. If RSD \leq20% the average relative response factor (internal calibration) or average calibration factor (external calibration) is used for quantitation. If RSD $>$20% a linear regression calibration that does not pass through the origin with a correlation coefficient (r) \geq0.990 is used for quantitation; or a nonlinear first or second order calibration curve with a coefficient of determination (COD) of \geq0.990 is used for quantitation. 5. 8081B- Degradation of 4,4'-DDT/ endrin to 4,4'-DDE, 4,4'-DDD/ endrin ketone, endrin breakdown must be less than 15%. 	<ol style="list-style-type: none"> 1. Identify and correct problem. 2. Recalibrate instrument; samples should not be analyzed until initial calibration criteria are met. 3. Document any observations and corrective action in the case narrative.
Calibration Verification	<p>Single component analyte calibration standards must contain each target analyte at mid-range concentration. Calibration verification standards must be analyzed at the beginning of 12 hour sequence and every 20 samples (every 10 samples is recommended), and at the close of the sequence.</p> <p>Pesticides- A standard containing 4,4-DDT and endrin must be analyzed at the beginning of each 12 hour sequence.</p> <p>Calibration verification standards must be analyzed every 20</p>	<p>Calibration verification response (% difference) or concentration (% drift) \leq 20%.</p> <p>Pesticides- Degradation for 4,4-DDT and endrin must be $<$15%.</p> <p><i>Method 8081B- Degradation of 4,4'-DDT/ endrin to 4,4'-DDE, 4,4'-DDD/ endrin ketone, endrin breakdown must be less than 15%.</i></p>	<ol style="list-style-type: none"> 1. Reanalyze. 2. If criteria are still not met, identify and correct problem, recalibrate; reanalyze samples back to last compliant calibration standard. Samples must be bracketed by compliant calibration standards. 3. Document any observations and corrective action in the case narrative.

Table 2-10. Organochlorine Pesticides using USEPA Methods 8000C/8081B quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Corrective Action (Applies to both primary and confirmation columns)
	<p>samples and must bracket each end of the sample sequence. In the case that Aroclors are detected above the MDL concentration in the associated samples, the identified Aroclor must be analyzed within the same 48 hour period as the sample in a valid analytical sequence.</p>		
<p>Retention Time Windows</p>	<p>Retention time windows (absolute retention time) must be established in accordance with USEPA Method 8000B/8000C or relative retention times must be used if internal standards are employed.</p>	<p>Compounds must be within established retention time windows or within laboratory established relative retention time criteria for the succeeding calibration standards.</p> <p>Retention time windows must be provided for each calibration verification. Retention times for each surrogate analyzed for samples and QC samples must be provided on a summary form.</p>	<ol style="list-style-type: none"> 1. Reanalyze. 2. If criteria are still not met, identify and correct problem, recalibrate; reanalyze samples back to last compliant calibration standard. 3. Document any observations and corrective action in the case narrative.
<p>Blank Analysis</p>	<p>Method Blank : 1 per 20 samples of similar matrix extracted at the same time and undergo same cleanup procedures as samples or a separate cleanup blank must be prepared and analyzed. Instrument blank: Must be analyzed at the beginning of 12 hour sequence, following the initial calibration verification standard.</p>	<p>Compound concentrations must be <QL.</p>	<ol style="list-style-type: none"> 1. Reanalyze. 2. If limits are still exceeded, re-extract and reanalyze method blank and associated samples. Samples must not be analyzed until method blank criteria are met. 3. Document any observations and corrective action in the case narrative.
<p>Laboratory Control Sample Or Matrix Spike Blank Analysis</p>	<p>1 per 20 samples of similar matrix extracted at the same times.</p> <p>LCSs must be spiked with each of the single component analyte at concentrations near the low end of the calibration curve.</p>	<p>Percent recoveries must be within laboratory control limits.</p> <p>For compounds without established laboratory control limits, 70-130% recovery will be used.</p> <p>The lowest acceptable control limits for recovery will be 10%.</p>	<ol style="list-style-type: none"> 1. Reanalyze and examine results of other QC analyses. 2. If the percent recovery is above laboratory control limits and the affected compound is not detected in the associated samples, corrective action is not required; document in case narrative. 3. If percent recovery is below laboratory control limits or <10%, reanalyze LCS. If recoveries remain below limits and other QC criteria have been met, report both analyses and document in case narrative report. 4. If recoveries are below laboratory control limits and additional QC excursions are observed, locate and correct problem, recalibrate instrument and re-extract and/or re-analyze samples since last satisfactory LCS. 5. Document any observations and corrective action in the case narrative.

Table 2-10. Organochlorine Pesticides using USEPA Methods 8000C/8081B quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Corrective Action (Applies to both primary and confirmation columns)
MS/MSD Analysis	<p>1 per 20 samples of similar matrix extracted at the same times.</p> <p>MS/MSDs must be spiked with each of the single component analyte at concentrations near the low end of the calibration curve.</p> <p>Samples from the investigation must be used for MS/MSD analysis. If samples were not designated as MS/MSD samples, contact QAO upon receipt of samples at the laboratory.</p>	<p>Recovery and RPD within laboratory control limits.</p> <p>For compounds without established laboratory control limits, 70-130% recovery will be used.</p> <p>The lowest acceptable control limits for recovery will be 10%.</p>	<ol style="list-style-type: none"> 1. Reanalyze if <10%. 2. If reanalysis is still <10%, report both analyses and document in the case narrative. 3. If re-analysis is >10% and LCS criteria are met, document in case narrative; no additional corrective action required. 4. If LCS criteria are exceeded also, examine other QC data for source of problem; <i>i.e.</i>, surrogate recoveries for extraction efficiency and calibration data for instrument performance issues. 5. Re-extract or reanalyze samples and associated MS/MSD and LCSs as required. 6. Document any observations and corrective action in the case narrative.
Surrogate Spike	<p>Samples, blanks, MS/MSDs, and LCSs must be spiked with method specified surrogate compounds on each column used in the analysis.</p>	<p>Recovery within laboratory control limits.</p> <p>Corrective action is not required if one of the four surrogates (for two columns) has recovery outside of control limits if the recovery is >10% and the remaining three surrogates are within control limits.</p> <p>Surrogate recoveries for each surrogate on each column must be provided in a summary form.</p> <p>The lowest acceptable control limits for recovery will be 10%.</p>	<ol style="list-style-type: none"> 1. Reanalyze. 2. If reanalysis recovery fails criteria but is >10%, report both analyses and document in case narrative report. 3. If reanalysis recovery is <10%, re-extract and reanalyze the sample. <p>Special Circumstances. If matrix interference is present (as documented in the case narrative):</p> <ol style="list-style-type: none"> 1. Reanalyze sample; may be at a higher dilution. 2. Report both analyses. <p>Document any observations and corrective action in the case narrative.</p>
Internal Standards	<p>Where applicable: All samples and blanks (including MS/MSD)</p>	<p>Response -50% - +50% of internal standards from continuing calibration of the day.</p> <p>RT must be ± 30 sec. from associated calibration verification standard of that sequence.</p>	<ol style="list-style-type: none"> 1. Reanalyze. 2. If still outside of the limits, report both analyses. 3. Document any observations and corrective action in the case narrative.
Identification	<p>Samples, blanks, and QC data.</p>	<p>Retention times must be within established retention time windows or must meet relative retention time criteria.</p> <p>Duel column confirmation (quantitative and qualitative) analysis is required.</p>	<ol style="list-style-type: none"> 1. Investigate problem; reanalyze calibration standards to check for retention time shift. 2. Document any observations and corrective action in the case narrative.

Table 2-10. Organochlorine Pesticides using USEPA Methods 8000C/8081B quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Corrective Action (Applies to both primary and confirmation columns)
		<p>Retention time windows must be provided for each calibration verification.</p> <p>USEPA CLP Form 10 Summary form, providing the percent difference and retention times for all detected analytes in samples and QC samples, will be provided.</p> <p>Percent difference must be less than 25 %D. %D calculation: Difference between Higher concentration of sample and Lower concentration of sample divided by the Lower concentration of sample times 100.</p>	
Quantitation	Samples, blanks, and QC data.	<p>Confirmation analysis is required.</p> <p>Internal or external standard method may be used. Verify concentration is within linear calibration range of standards.</p> <p>Every effort must be made to meet specified QL requirements.</p> <p>Lab must state the technique used for quantitation of results for the samples.</p>	<ol style="list-style-type: none"> 1. If concentration is above linear calibration range, dilute sample and reanalyze. Dilution should result in concentration in the upper calibration range of the instrument. 2. Document any observations and corrective action in the case narrative.
Field Blank Analysis	Field collected - One per sampling equipment and after every 20 samples.	Compounds concentrations must be <QL.	<ol style="list-style-type: none"> 1. Investigate problem; reanalyze to verify laboratory cross contamination is not a factor. 2. Document any observations and in the case narrative.
Field Duplicate Analysis	Field collected – One for each matrix type, every 20 samples of similar matrix.	<p>Validation criteria: 50% RPD for waters and 100% RPD for solids. For sample results that are less than or equal to five times the QL, the criterion of plus or minus two times the QL will be applied to evaluate field duplicates.</p>	No corrective action required of the laboratory since the laboratory will not know the identity of the field duplicate samples. If these criteria are not met, sample results will be evaluated on a case-by-case basis during the validation process.
Chromatography Presentation	For each standard, sample and QC sample analysis.	Copies of chromatograms provided in the data package must be large enough to view during validation; detail of each peak involved in the Aroclor identification, including peak shape and associated baseline. In the case that matrix interference is detected or manual integration is performed, enlarged copies of those manipulations will be included in the data package for review.	<ol style="list-style-type: none"> 1. Provide requested information.

Table 2-10. Organochlorine Pesticides using USEPA Methods 8000C/8081B quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Corrective Action (Applies to both primary and confirmation columns)
Cleanup	GPC must be performed for all pesticide solids or water extracts with high molecular weight contaminants. Sulfur must be performed for all sample extracts contaminated with sulfur. Florisil cartridge cleanups are mandatory for all pesticide extracts.	Calibrate according to method. Criteria must be met as listed in method.	For GPC, perform column maintenance, recalibrate. For florisil, obtain a new lot of cartridges.
Sample Batching	The laboratory will batch project samples together along with QC samples specified from the project. Non-project information will not be included in the data packages. USEPA Form 8 Summary form, providing the date, time of analysis of samples and QC samples, surrogate retention times and surrogate retention time window, will be provided.	Not applicable	Not applicable
Confirmation Analysis	Dual column quantitation and qualitative confirmation will be performed. The information presented in CLP Form 10 will be provided in the data package for evaluation.	Not Applicable	Not Applicable
Laboratory control limits	Generated with results for an analyte from a minimum of 20 sample analyses. The average of the sample results and the standard deviation are calculated. The internal warning limits are established at 2 times the standard deviation and the control limits are established at 3 times the standard deviation. The control limits are updated annually.	Not applicable	Not applicable
Percent solids	For solids samples, the percent solids will be determined and sample results will be corrected for percent solids.	Not applicable	Not applicable
Dilutions	<ol style="list-style-type: none"> When target analyte concentration exceed upper limit of calibration curve. When matrix interference demonstrated by lab and documented in the case narrative (highly viscous samples or a large number of non-target peaks on the chromatogram). Samples should be cleaned up during sample preparation/extraction procedure using appropriate methods when matrix interference is present. Laboratory will note in the data deliverables which analytical runs were reported. 	<ol style="list-style-type: none"> The reagent blank will meet the method blank criteria. 	<ol style="list-style-type: none"> Reanalyze reagent blank until method blank criteria are met.
Deliverables	<ol style="list-style-type: none"> Full deliverables must be provided to document each audit item for easy reference and inspection. An example calculation will be provided for each analysis, for each type of matrix in the data package using samples from the project. 	Not applicable	Provide missing or additional deliverables for validation purposes.

Table 2-10. Organochlorine Pesticides using USEPA Methods 8000C/8081B quality control requirements and corrective actions

Audit	Frequency (Applies to both primary and confirmation columns)	Control Limits (Applies to both primary and confirmation columns)	Corrective Action (Applies to both primary and confirmation columns)
	<ol style="list-style-type: none"> 3. Any laboratory abbreviations or notations presented in the raw data or summary information will be explained or referenced in the case narrative. 4. Final spiking concentrations will be presented in summary form. 5. Standard tracing information will be provided. 6. Cooler temperatures will be provided in the data packages. 7. Run logs will be provided in the data packages. 		
Method and QCP requirements	The laboratory will perform the method as presented in this QCP and will adhere to the QCP requirements presented herein. Otherwise the laboratory will specifically note any procedures that differ from the method or the QCP in the data package case narrative.	Not applicable	Not applicable

Notes:

Data validation will be performed in accordance with QA/QC criteria established in these tables and the analytical methods that are currently used by the laboratory. Excursions from QA/QC criteria will be qualified based on guidance provided in this QCP.

Communications with the QAO will be documented and included in the data packages.

Source: O'Brien & Gere

Table 2-11. Metals using USEPA Method 6010C, mercury using USEPA Methods 7470A/7471B and total cyanide using USEPA Method 9012B quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
Holding Times	Samples must be digested and analyzed within holding time.	Metals: 180 days from collection to analysis. TCLP: 180 days from collection to extraction, 180 days from extraction to analysis. Mercury: 28 days from collection to analysis. TCLP: 28 days from collection to extract generation, 28 days from extraction to analysis Total Cyanide: 14 days from collection to analysis.	If holding times are exceeded for initial or any re-analyses required due to QC excursions. Notify QAO since re-sampling may be required. Document corrective action in the case narrative.
Initial Calibration Verification and Continuous Calibration Verification (ICV, CCV)	Two point calibration for ICP consisting of one standard and one blank. Five point calibration for remaining methods, with one standard at the QL level. Calibrate each time instrument is set up. After calibration, Initial calibration verification (ICV) is performed. The ICV is from a source independent of the calibration standards. A continuing calibration verification (CCV) is analyzed at the beginning of the run, at 10% or every 2 hours. Also verify at the end of each run.	ICV, CCV - 90% to 110% of expected value for ICP, cold vapor AA and colorimeter ICV for Mercury – 90% to 110% of expected true value. CCV for Mercury - 80% to 120% of expected true value. Correlation coefficient for first or second order curve must be ≥ 0.998 for ICP and ≥ 0.995 for mercury.	Reanalyze. If criteria are still not met, identify and correct problem, recalibrate. Document corrective action in the case narrative - samples should not be analyzed until calibration control limit criteria have been met.

Table 2-11. Metals using USEPA Method 6010C, mercury using USEPA Methods 7470A/7471B and total cyanide using USEPA Method 9012B quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
<p>Contract Required Detection Limit (CRDL) Standard for ICP CRI) and AA (CRA)</p>	<p>CRDL is the QL concentration at the beginning of each run for all elements at the QL level</p> <p>The CRDL shall be run for every wavelength used for analysis</p>	<p>The percent recovery of the CRDL must meet the control limits of 70-130% for ICP and 50-150% for mercury.</p>	<p>The CRDL shall be re-analyzed immediately for those analytes; if the results of the re-analysis for those analytes fall within the control limits, no further corrective action is required.</p> <p>ICP: If the results of the re-analysis for those analytes do not fall within the control limits, the analysis shall be terminated, the problem corrected, the instrument recalibrated, the CRDL analyzed, and the samples associated with the CRDL re-analyzed.</p> <p>Mercury: If the results of the re-analysis for those analytes do not fall within the control limits, recovery of low calibration standard is evaluated. If recovery of reporting limit standard is 50-150%, data may be reported but occurrence is notated in case narrative. If reporting limit is not verified from calculated concentration of lowest calibration standard, samples associated with the CRDL re-analyzed.</p> <p>Document corrective action in case narrative.</p>
<p>Initial and Continuing Calibration Blank (ICB/CCB)</p>	<p>After ICV, CCV, at beginning and end of run and at a rate of 10% or every 2 hours during run.</p>	<p>The absolute value of the ICB and CCB must not exceed the QL.</p>	<p>Identify and correct problem.</p> <p>If criteria are still not met, recalibrate and reanalyze affected samples.</p> <p>Document corrective action in the case narrative - samples should not be analyzed until blank control limit criteria have been met.</p>
<p>Preparation Blank Analysis</p>	<p>1 per batch of samples digested, or 1 in 20, whichever is greater.</p>	<p>The absolute value of the method blank must not exceed the QL.</p>	<p>Reanalyze blank.</p> <p>If limits are still exceeded, clean instrument and</p>

Table 2-11. Metals using USEPA Method 6010C, mercury using USEPA Methods 7470A/7471B and total cyanide using USEPA Method 9012B quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
	<p>PB shall be carried through the complete procedure and contain the same acid concentration in the final solution as the sample solution used for analysis.</p>		<p>recalibrate analytical system and re-preparation and reanalyze affected samples if detected.</p> <p>Document corrective action in the case narrative - samples cannot be analyzed until blank criteria are met.</p>
Field Blank Analysis	<p>Collected one per 20 samples or once per sampling event.</p>	<p>Less than QL</p>	<p>Investigate problem.</p> <p>Document in the case narrative.</p>
Laboratory Control Sample (LCS)	<p>Every 20 samples or each digestion batch.</p> <p>Prepared independently from calibration standards.</p> <p>LCS or MSB must contain all target analytes.</p>	<p>Recovery within laboratory control limits.</p> <p>Liquid Samples: Control limits are 85-115% recovery.</p> <p>Solid Samples: Solid LCS is purchased from ERA. Control limits are those provided by manufacturer.</p> <p>The lowest acceptable control limits for recovery will be 10%.</p>	<p>Reanalyze LCS and examine results of other QC analyses.</p> <p>If recovery is still outside limits, and other QC criteria are met, report both runs.</p> <p>If other QC criteria have not been met, stop analysis, locate and correct problem, recalibrate instrument and reanalyze samples since last satisfactory LCS.</p> <p>Document corrective action in the case narrative.</p>
Serial Dilution Analysis for ICP (Metals)	<p>Required once per analytical batch when analyte concentration is >50 times the instrument detection limit (IDL) (or MDL if applicable).</p> <p>Samples from the investigation must be used for Serial dilution analysis.</p>	<p>An analysis of a 1:5 dilution of the sample should provide a result with 90% to 110% of the original determination (for concentrations 50x the IDL (or MDL if applicable)).</p>	<p>Report results.</p> <p>Document corrective action in the case narrative.</p>

Table 2-11. Metals using USEPA Method 6010C, mercury using USEPA Methods 7470A/7471B and total cyanide using USEPA Method 9012B quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
<p>Interference Check Sample Analysis for ICP (Metals)</p>	<p>Beginning and end of each analytical run or twice during every 8 hours, whichever is more frequent for ICP.</p> <p>Solution A consists of the interferences, and Solution AB consists of the analytes mixed with the interferences.</p>	<p>Results for the ICS Solution AB (ICSAB) during the analytical runs shall fall within the control limit of ± 2 times the QL of the true value or $\pm 20\%$ of the true value, whichever is greater, for the analytes included in the ICSAB</p>	<p>Reanalyze.</p> <p>If limits are still exceeded, adjust instrument.</p> <p>Restart analytical run and reanalyze samples analyzed since last satisfactory ICS.</p> <p>Document corrective action in the case narrative.</p>
<p>Matrix Spike Analysis</p>	<p>Collected one per 20 samples or one per matrix (for less than 20 samples)</p> <p>Samples from the investigation must be used for MS/MSD analysis.</p>	<p>Recovery within laboratory control limits or 75-125%, or in-house laboratory limits. Recovery does not apply if sample concentration > 4 X spike concentration.</p> <p>Spike must contain all analytes. The lowest acceptable laboratory control limits for recovery will be 10%.</p>	<p>Analyze post-digestion/post-distillation spike.</p> <p>Document corrective action in the case narrative.</p>
<p>Post-Digestion Spike (Recommended for Metals)</p>	<p>Spike must contain all target elements.</p> <p>Performed every 20 samples as necessary.</p>	<p>Recovery within 75-125% of true value.</p>	<p>Dilute sample and reanalyze.</p> <p>If recovery is outside limits, document in the case narrative.</p> <p>Standard additions may be used to compensate for matrix effects.</p>
<p>Internal standard (Metals)</p>	<p>May be used for each sample instead of post-digestion spike.</p>	<p>Internal Standard counts must be within 30% of Internal Standard counts of calibration blank.</p>	<p>If internal standard counts are outside 30% of calibration blank internal standard counts matrix interference is suspected. Dilute sample and reanalyze so that counts are within limits.</p>
<p>Laboratory Duplicate</p>	<p>Collected one per 20 samples or one per matrix</p>	<p>Laboratory control limit or 20% for RPD shall be</p>	<p>Investigate problem and reanalyze.</p>

Table 2-11. Metals using USEPA Method 6010C, mercury using USEPA Methods 7470A/7471B and total cyanide using USEPA Method 9012B quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
or Matrix Spike Duplicate Analysis	(for less than 20 samples) Samples from the investigation must be used for Laboratory Duplicate and MSD analysis	used for original and duplicate sample values greater than or equal to five times the QL. A control limit of the QL value shall be used if either the sample or duplicate value is less than five times the CRQL.	Document corrective action in the case narrative.
Field Dup. Analysis	Collected 1 per matrix; every 20 samples of similar matrix. The field duplicate identification will not be provided to the laboratory.	Validation criteria:50% RPD for waters and 100% RPD for solids. For sample results that are less than or equal to five times the QL, the criterion of plus or minus two times the QL will be applied to evaluate field duplicates.	No corrective action required of the laboratory since the laboratory will not know the identity of the field duplicate samples. If these criteria are not met, sample results will be evaluated on a case-by-case basis.
Percent solids	For solid samples, the percent solids will be determined and sample results will be corrected for percent solids.	Not applicable	Not applicable
Laboratory control limits	Generated with results for an analyte from a minimum of 20 sample analyses. The average of the sample results and the standard deviation are calculated. The internal warning limits are established at 2 times the standard deviation and the control limits are established at 3 times the standard deviation. The control limits are updated annually.	Not applicable	Not applicable
IDL Determination for ICP	Recommended within 30 days of the start of analysis and semiannually.	Not applicable	Not applicable
Analyte quantitation	Concentrations for ICP, cyanide and mercury analysis are reported based on dry weight of the sample. If interference is detected, elements impacted are flagged to indicate percentage interference	Not applicable	Not applicable

Table 2-11. Metals using USEPA Method 6010C, mercury using USEPA Methods 7470A/7471B and total cyanide using USEPA Method 9012B quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
	correction applied to the data or an uncorrected interference because of the equation used for quantitation.		
MDL Determination	Before any field samples are analyzed, the MDLs shall be determined for non-prepared analyses, each digestion procedure and instrument used, prior to the start of analyses, and annually thereafter.	Not applicable	Not Applicable
Linear Range Analysis for ICP	Every 6 months.	Not applicable	Not applicable
Interelement Correction For ICP	Within 6 months of the start of analysis and annually. Correction factors for Al, Ca, Fe, and Mg must be reported and for others if they are applied.	Not applicable	Not applicable
Sample Batching	The laboratory will batch project samples together along with QC samples specified from the project. Non-project information will not be included in the data packages	Not applicable	Not applicable
Dilutions	<p>When target analyte concentration exceed upper limit of calibration curve.</p> <p>When matrix interference demonstrated by lab and documented in the case narrative.</p> <p>Laboratory will note in the data deliverables which analytical runs were reported.</p>	Not applicable	Not applicable
Deliverables	Full CLP-like deliverables must be provided to document each audit item for easy reference and inspection.	Not applicable	Provide missing or additional deliverables for validation purposes.

Table 2-11. Metals using USEPA Method 6010C, mercury using USEPA Methods 7470A/7471B and total cyanide using USEPA Method 9012B quality control requirements and corrective actions

Audit	Frequency	Control Limits	Corrective Action
	<p>An example calculation will be provided for each analysis, for each type of matrix in the data package using samples from the project.</p> <p>Any laboratory abbreviations or notations presented in the raw data or summary information will be explained or referenced in the case narrative.</p> <p>Final spiking concentrations will be presented in summary form.</p> <p>Standard tracing information will be provided.</p> <p>Cooler temperatures will be provided in the data packages.</p> <p>Run logs will be provided in the data packages.</p>		
<p>Method and QCP requirements</p>	<p>The laboratory will perform the method as presented in this QCP and will adhere to the QCP requirements presented herein. Otherwise the laboratory will specifically note any procedures that differ from the method or the QCP in the data package case narrative.</p>	<p>Not applicable</p>	<p>Not applicable</p>
<p>Notes: Data validation will be performed in accordance with QA/QC criteria established in these tables and the analytical methods. Excursions from QA/QC criteria will be qualified based on guidance provided in this QCP. Communications with O'Brien & Gere will be documented and included in the data packages. Source: O'Brien & Gere</p>			

Appendix C
Health & Safety Plan (HASP)
(includes Community Air
Monitoring Plan [CAMP])

HEALTH & SAFETY PLAN

**Brownfield Cleanup Program
Remedial Investigation
Portion of Former Vacuum Oil Refinery
Site No. C828190**

**City of Rochester
Portion of Former Vacuum Oil Refinery
1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place;
102 Violetta Street; and 1320 S. Plymouth Avenue
Rochester, New York**

October 2015

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1. INTRODUCTION

This Health and Safety Plan (HASP) has been developed to provide both general procedures and specific requirements to be followed by O'Brien & Gere Engineers, Inc. (OBG) personnel while performing Remedial Investigation (RI) activities at a portion of the former Vacuum Oil Refinery consisting of eight City-owned parcels 1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place; 102 Violetta Street; and 1320 S. Plymouth Avenue (Site) located in Rochester, New York.

This HASP describes the responsibilities, training requirements, protective equipment, and standard operating procedures to be used by OBG personnel to address potential health and safety hazards while in investigation areas. This plan specifies procedures and equipment to be used OBG personnel during work activities and emergency response to minimize exposures of OBG personnel to hazardous materials.

The health and safety considerations of subcontractors to OBG will be set forth in HASPs provided by each subcontractor. Documentation of the subcontractor's HASP will be obtained prior to the start of the subcontractor's work.

1.1 SITE LOCATION AND DESCRIPTION

The Site is located at 1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place; 102 Violetta Street; and 1320 S. Plymouth Avenue in Rochester, Monroe County, New York and encompasses approximately 15.4 acres. A Site Location map is presented as [Figure 1](#).

The subject property is bordered by the Genesee River to the east/southeast/south beyond a narrow strip of New York State-owned land, residential property to the west, vacant land (formerly a junkyard addressed as 15 Flint Street) to the northwest, and Flint Street with commercial land to the north across Flint Street. Vacant land addressed as 5 Flint Street and containing a single, three-story building is also located near the north end of the Site. Although 5 Flint Street is located on the northern side of the Site, the Site also wraps around 5 Flint Street in a "U" shape.

The Site was historically operated as a part of a refinery, blending, and bulk oil storage facility from approximately 1866 to 1930. Crude oil, kerosene, naphtha, finished lubricants, and containers for these products (*e.g.*, wooden barrels, tin cans, and drums) were manufactured and stored on-Site. Operations and facilities that formerly occupied the Site include former canal beds, rail yard including tank car use and cleaning, barrel manufacturing plant, numerous storage areas, and underground facilities that previously serviced Site operations (*e.g.*, utilities, sewers, and piping).

While most of the abovegrade structures have been demolished and removed, some remnants of former structures remain. It is unknown as to what subsurface structures remain. Based on historic aerial photographs, the structures were removed sometime between 1926 and 1958. An asphalt-paved bicycle/walking path runs through the entire eastern side of the Site from the north end of the property to the south of the property and beyond in both directions. An approximate 1.2 acre grass-covered area is located on the eastern boundary of the subject property along the Genesee River. The rest of the Site is undeveloped (with the exception of the historic items mentioned above) and consists of wooded and vegetative areas.

Subsurface environmental investigations were conducted at the Site by ExxonMobil in 2008 to evaluate soil and groundwater conditions. These investigations were conducted on approximately 27 acres of the Vacuum Oil Site and included properties owned by both the City (approximately 15 acres) and private individuals. The investigations identified the presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, and polychlorinated biphenyls (PCBs) in both soil and groundwater.

The Site was subsequently entered into the Brownfield Cleanup Program on April 6, 2015 as Site No. C828190.

1.2 IMPLEMENTATION OF HEALTH AND SAFETY PLAN

The requirements and guidelines presented in this HASP are based on a review of available information and an evaluation of potential hazards. This HASP incorporates by reference the applicable Occupational Safety and Health Administration (OSHA) requirements in 29 CFR Part 1910 and 29 CFR Part 1926. The protective

equipment selection was made according to Subpart I of 29 CFR 1910. OBG personnel are required to read this HASP before beginning work. This HASP will be available for inspection and review by OBG employees while work activities are underway.

When conducting the RI activities listed in the Work Plan, OBG personnel will comply with this HASP. On Site OBG personnel will notify the OBG Site Safety and Health Coordinator (SSHC) of matters of health and safety. The SSHC is responsible to the Project Manager for monitoring activities, monitoring compliance with the provisions of this HASP, and for modifying this HASP to the extent necessary if conditions change.

This HASP is specifically intended for guiding the conduct of OBG activities defined in the RI Work Plan in the areas of the Site specified for these work activities. Although this HASP can be made available to interested persons for informational purposes, OBG does not assume responsibility for the interpretations or activities of any persons or entities other than employees of OBG.

The health and safety considerations of subcontractors to OBG will be set forth in HASPs provided by each subcontractor to OBG. Documentation of the subcontractor's HASP will be obtained prior to the start of the subcontractor's work. OBG will review each subcontractor's HASP and evaluate for adequacy; however, OBG will not be responsible for subcontractor health and safety while on-Site.

1.3 PROJECT ORGANIZATION

Personnel involved in the RI activities at the Site implicitly have a part in implementing the HASP. Among them, the Project Officer, the Project Manager, the Corporate Health and Safety Manager, the SSHC, and the Site Supervisor have specifically designated responsibilities. Their names and telephone numbers are listed in [Table 1-1](#) (below). Other key OBG project personnel, the project's organization, and other primary contacts for the project are presented in the RI Work Plan.

Key project personnel and their responsibilities with regard to the sampling activities are discussed below.

Project Officer

Douglas M. Crawford, P.E. is the Project Officer. The Project Officer is responsible for the overall administration and technical execution of the project. The Project Officer is responsible for providing upper level management support for health and safety. The Project Officer will provide sufficient authority and resources to the Construction Supervisor and SSHC to fully implement health and safety requirements as outlined in this HASP, contract documents, and regulatory requirements. The Project Officer will provide this support to the entire project while the Construction Project Officer will provide additional attention and support to site remediation activities.

Project Manager

Deborah Wright, CPG, is the Project Manager. The Project Manager reports to the Project Officer and is directly responsible for the technical progress and financial control of the project. The Project Manager will have overall responsibility for implementing HASP requirements for the duration of the project. The Project Manager will be the primary liaison to and from the City for health and safety.

Corporate Health and Safety Manager

Mr. Jeffrey R. Parsons, C.I.H. is the Corporate Health and Safety Manager. The OBG Corporate Health and Safety Manager will make safety-related recommendations regarding the work area to the SSHC and engage ongoing support from OBG Corporate Safety Department as necessary. Inspections will periodically be conducted to monitor worker health and safety and will address issues such as subcontractor pre-qualification, site safety orientation programs and documentation, implementation of permit programs (confined space, hot work, etc.) safety planning, accident investigations, meetings with client, adequacy of personal protective equipment (PPE), air monitoring needs, and general construction safety issues. The OBG Corporate Health and Safety Manager will approve procedural changes and modifications to this HASP and will prepare a Monthly Safety Report to be provided to Project Manager and the City.

OBG Corporate Health and Safety Specialist

Mr. Steven M. Thompson, CHST will act as the OBG Corporate Health & Safety Specialist (HSS) on this project and will assist the OBG Manager of Corporate Health and Safety in the implementation of the Corporate Health and Safety program. General support tasks related to the implementation of the OBG Corporate Health and Safety Program include safety audits, air monitoring, training, accident investigations, etc.

Site Safety and Health Coordinator

The OBG Site Safety and Health Coordinator (SSHC) for this investigation will be Anthony DiNardo. The SSHC for OBG reports to the OBG Project Manager, coordinates his activities with the OBG Corporate Associate for Safety and Health, and establishes operating standards and coordinates overall project safety and health activities associated with implementation of the RI field activities. The SSHC reviews project plans and revisions to plans to determine that safety and health procedures are maintained throughout the investigation. The SSHC audits the effectiveness of the HASP on a continuing basis and suggests changes, if necessary, to the Project Manager.

Specifically, the SSHC is responsible for the conducting the following actions:

- Provide a complete copy of the HASP before the start of activities;
- Familiarize workers with the HASP;
- Conduct health and safety training and briefing sessions;
- Document the availability, use, and maintenance of personal protective and other safety or health equipment;
- Maintain safety awareness among OBG employees and communicating safety and health matters to them;
- Review field activities for performance in a manner consistent with OBG policy and this HASP;
- Monitor health and safety conditions during field activities;
- Coordinate with emergency response personnel and medical support facilities;
- Notify the Project Manager of the need to initiate corrective actions in the event of an emergency, an accident, or identification of a potentially unsafe condition;
- Notify the Project Manager of an emergency, an accident, the presence of a potentially unsafe condition, a health or safety problem encountered, or an exception to this HASP;
- Recommend improvements in safety and health measures to the Project Manager; and,
- Conduct safety and health performance and system audits.

The SSHC has the authority to recommend that the Project Manager take the following actions:

- Suspend field activities or otherwise limit exposures if the health or safety of any OBG employee appears to be endangered;
- Notify OBG personnel to alter work practices that the SSHC deems to not protect them; and,
- Suspend an OBG employee from field activities for violating the requirements of this HASP.

Site Supervisor

The Site Supervisor, designated by and reporting to the OBG Project Manager, will be Anthony DiNardo and is responsible for coordinating project requirements in the field. The Site Supervisor oversees daily activities and is, therefore, responsible for implementing health and safety requirements on a daily basis in the field. The Site Supervisor is also responsible for conducting daily safety inspections and coordinating timely correction of observed deficiencies with any sub-contractor. The Site Supervisor shall be qualified to also serve as the OBG Site SSHC with respect to OBG's scope of work.

Asbestos-Containing Material (ACM) Inspector

The ACM Inspector will be Logan Reid. If suspect ACM is encountered during any of the excavation activities, work will cease and the ACM inspector will be contacted. The ACM inspector will collect a sample of the suspect ACM for laboratory analysis to confirm ACM is present. If positive, the ACM material will need to be remediated,

managed, and disposed of in accordance with Industrial Code Rule 56, prior to completion of the investigation activities at that location.

Table 1-1 Project Personnel

Name and Title	Telephone
Douglas M. Crawford, P.E. Project Officer Syracuse, New York	(315) 956-6442 (office)
Deborah Wright, CPG Project Manager Rochester, New York	(315) 956-6377 (office)
Anthony M. DiNardo, P.E. Site Supervisor Rochester, New York	(585) 295-7707 (office)
Logan S. Reid ACM Inspector Rochester, New York	(585) 295-7717 (office)
Jeffrey R. Parsons, C.I.H. Corporate Health and Safety Manager Liverpool, New York	(315) 956-6070 (office)
Steven Thompson, CHST Health and Safety Specialist Liverpool, New York	(315) 560-5018 (office)
NYSDEC Key Personnel Frank Sowers Project Manager Region 8 – Avon, New York	(585) 226-2466 (office)

2. HAZARD ANALYSIS

General chemical and environmental hazards that may be encountered while implementing the RI field activities are summarized in Section 2.1. Specific health and safety considerations for field tasks detailed in the RI Work Plan are presented in the Job Safety Analyses (JSAs) provided in [Appendix A](#) of this HASP.

Both the potential health and safety hazards and the hazard and contaminant control procedures for each task of the RI are discussed in the sections below.

2.1 GENERAL RI FIELD ACTIVITY HAZARDS

2.1.1 Chemical Hazards

Chemical hazards that may be encountered during the RI field implementation are related to inhalation, ingestion, and skin exposure to constituents of concern (COC's). COC's may include PCBs, VOCs, SVOCs, Pesticides, and Metals. ACM may also be encountered during field work activities including soil boring advancement and test pit excavation. Note, if suspect ACM is confirmed, work shall be halted in the vicinity and appropriate measures will be discussed with the City DEQ Project Manager and NYSDEC Project Manager. A scope of work addendum will be prepared and implemented in accordance with New York State Department of Labor (NYS DOL) Industrial Code Rule 56 regulations to address the ACM.

The potential for unprotected personnel for inhalation of constituents during intrusive RI field activities is low to moderate. The potential for unprotected personnel for dermal contact with soils or water containing COCs during drilling and sampling operations is moderate to high. Proper use of personnel protective equipment is intended to reduce potential exposure to contaminants.

2.1.2 Potential Environmental and Physical Hazards

Prior to initiating activity, the work conditions will be discussed with all employees. Hazards will be identified and protective measures will be explained.

Environmental hazards, in addition to contaminants, include fauna and flora. Aggressive fauna, such as ticks, fleas, mosquitoes, bees, wasps, spiders, and snakes may be present. Poison ivy and poison oak are abundant at the Site.

Physical Hazards involved with RI field activities are primarily associated with the work environment. The work area presents hazards of slips, trips, and falls from equipment and irregular walking surfaces. Weather related hazard include wet, muddy, slick, walking surfaces and unstable soil, sunburn, lightning, rain, snow, ice, and heat and cold related illnesses. There exists a potential for incidents involving personnel struck by or struck against objects resulting in fractures, cuts, punctures, or abrasions. Walking and working surfaces during activities may involve slip, trip, and fall hazards. Dense tree cover, brush, old utilities and subsurface structures, ponded water, and fallen trees also present potential physical hazards at the Site.

Materials handling and manual site preparation work associated with the RI field activities may cause blisters, sore muscles, and joint and skeletal injuries; and may present eye, contusion and laceration hazards. A common type of accident that occurs in material handling operations is the "caught between" situation when a load is being handled and a finger or toe gets caught between two objects. Extreme care must be taken when loading and unloading material. Proper lifting technique must be employed. Clearing around the Site to access sampling points will be conducted by the subcontractor. Chainsaws, weed trimmers, saws, and cutters may be utilized, all capable of causing eye, contusion, and laceration hazards.

Working surfaces that are slippery can increase the likelihood of back injuries, overexertion injuries, and slips and falls. All personnel should frequently inspect working surfaces and keep working surfaces clear of debris and moisture.

2.1.3 Hazard and Contaminant Control

For each field task, Level D PPE is to be worn initially. Safety-toe boots with metatarsal protection are a minimum requirement for work. Overboots or boot covers should also be used to minimize the potential of

tracking COCs from the work zone to other areas of the Site. Eye protection will be worn to minimize splashing into eyes. The specific requirements for Level D PPE are presented in Section 4.

If odors are observed during field activities, air monitoring with a PID should be conducted to evaluate the concentrations that are present. Action levels for upgrading PPE are presented in the JSAs provided in [Appendix A](#).

Field equipment will be inspected and in proper working condition. Mechanical assistance will be provided for large lifting tasks. Ground Fault Circuit Interrupter (GFCI) will be used on all electric power tools and extension cords in outdoor work locations. Electrical extension cords will be protected or guarded from damage (*i.e.*, cuts from other machinery) and be maintained in good condition.

OBG personnel will not operate chainsaws; however, subcontractors will be reminded of safe operating practices. Face shields, cut resistant gloves, and safety glasses will be required for all chain saws, weed trimmers, and similar tools. Kevlar chaps and jackets will be required for chainsaw work.

2.2. TASK HAZARDS

Hazard controls for task hazards will identify PPE as described in more detail in Section 4 of this HASP. Other safety controls and safety procedures will also be referenced as necessary to mitigate task hazards.

2.2.1 Soil Boring Advancement, Test Pitting Activities, Surface Soil Sampling, Soil Vapor Sampling, and Groundwater Monitoring Well Installation Field Activities

Field operations will consist of well and soil boring advancement, test pit excavations, surface soil sampling, soil vapor sampling, and sampling for groundwater and sub-surface soil samples. The physical hazards of this operation are primarily associated with operation of the coring equipment, drilling equipment, and contact with material brought up from the subsurface during drilling.

Drill cuttings will temporarily be placed in a 55 gallon drum at the drilling location. The drum will then be moved using a skid-steer and the soils will be containerized in a 12 cubic yard roll-off and temporarily staged at the Site at a location convenient for transportation to and from the Site. At the conclusion of field activities, these materials will be appropriately characterized and, after receiving the necessary approvals, will be transported off Site for treatment and/or disposal at a permitted facility.

Potential health hazards and contaminants

Hazards generally associated with coring and drilling operations include noise levels exceeding the OSHA PEL of 90 dBA that are both a hazard and a hindrance to communication, carbon monoxide from the drill rig, and overhead electrical and telephone wires which can be hazardous when the drill rig boom is in the upright position. Moving parts on the drill rig may catch clothing. Free or falling parts from the cat head may cause head injury. High pressure hydraulic lines and air lines used on drill rigs are hazardous when they are in disrepair or incorrectly assembled. There may be underground utilities in the area where drilling is being performed.

During the retrieval of augers/drilling rods, the possibility exists for splashing of exposed subsurface materials onto the workers and release of dust containing PCBs and volatile materials onto workers' bodies and into the workers' breathing zones.

There is the potential for arm and back strain during the purging of the groundwater monitoring wells.

Operation of gas-powered drilling rigs or other equipment without proper controls and/or venting may cause a build-up of carbon monoxide and other gasses that may be hazardous.

OBG personnel will not enter excavations until a daily inspection has been performed by a qualified Excavation competent person that has National Underground Utility Contractors Association (NUCA) training or equivalent and is authorized by OBG as such. The daily inspection must confirm that sloping or shoring meets OSHA requirements and is documented in writing using OBG's Daily Excavation Checklist. Unless a soil analysis is performed and documented on OBG's "Soil Analysis Checklist" (or equivalent), soil is assumed Type C with a required sloping of 1.5H:1V. OBG personnel shall not enter an excavation greater than 4 ft. deep unless walls are

sloped so that persons can easily walk in or out of the excavation. Excavations greater than 4 ft. deep which are not sloped so that persons can easily walk in or out will be classified as confined spaces. These excavations will be considered by OBG as permit-required confined space unless re-classified in accordance with OBG's confined space entry procedure. The subcontractor is responsible for utility clearance. Maintain a safe distance from moving/operating machinery during oversight of excavation.

OBG's Corporate Health, Safety & Environment Manual (Appendix B, Safe Work Procedures, Excavation) section on Excavation will be reviewed by field personnel prior to start of work. The Daily Excavation Checklist ([Attachment 3](#)) to be used as a tool to evaluate & document entry conditions for OBG personnel.

Hazard and contaminant control

General PPE requirements presented in Section 4 apply to this task. Personnel must wear Level D PPE including ear muffs and/or ear plugs when working near operating heavy machinery. Modified Level D PPE will be worn during drilling and when there is a need to handle or work with potentially impacted soil or liquid. Prior to approaching a drill rig, loose clothing will be secured and the boom position will be checked.

When outdoor activities are completed, personnel will remain upwind from the vehicle exhausts unless required by sampling work. Wet methods should be used when coring concrete or other hard surfaces. During drilling, if wet methods are not used, air in the breathing zone of the worker will be monitored for total dust using a real-time air meter (RAM) at approximately five-minute intervals. Air will be screened for volatile organic vapors using a PID at approximately five-minute intervals. Subsequent monitoring and respirator wear will be in accordance with Section 3 of this HASP.

The drilling subcontractor will be required to inspect chains, lines, cables, and high-pressure lines daily for weak spots, frays, and other signs of wear. The drilling subcontractor will be required to make repairs as necessary. To avoid contact with overhead lines, the drilling subcontractor will be required to lower the drill rig boom prior to moving the rig. The drilling subcontractor will be required to verify the location of underground utilities with the local power and utility companies prior to drilling. Overhead and underground utilities will be considered "live" until verified otherwise.

Back strain can be prevented by employing proper lifting and bailing techniques. Heavy equipment, such as pumps and generators, will only be lifted with the legs, preferably using two or three personnel.

Equipment that is potentially contaminated will be cleaned to the satisfaction of the Field Operations Manager or SSHO. The field sampling equipment will be cleaned and decontaminated using the equipment decontamination procedures outlined in the Field Sampling and Analysis Plan (FSAP). The field decontamination wastes will be collected and disposed of properly according to the FSAP.

2.2.2 Groundwater Sampling

Monitoring wells will be installed in accordance with the RI Work Plan and FSAP. Potentially contaminated groundwater will be generated during groundwater sampling activities. The water will initially be placed in a 55 gallon drum, then will be moved using a skid-steer and the water will be containerized in a 6,900 gallon frac tank and temporarily staged at the Site at a location convenient for transportation to and from the Site. At the conclusion of field activities, these materials will be appropriately characterized described above and, after receiving the necessary approvals, will be transported off Site for treatment and/or disposal at a permitted facility.

Potential health hazards and contaminants:

Potential health hazards and contaminants are consistent with those identified in previous sections. Additional exposures include contact with preservatives in laboratory sample bottles during the collection of groundwater water samples.

Hazard and contaminant control:

Hazards and contaminant control are consistent with those in previous sections. Initially, Modified Level D PPE, to prevent contact with groundwater, sample bottle preservatives, will be provided.

Employing proper lifting and bailing techniques while developing wells and sampling wells will prevent back strain. Heavy equipment, such as pumps and generators, will only be lifted with the legs, preferably using two or three personnel.

3. PERSONNEL TRAINING

3.1 FIELD WORKERS

OBG employees and subcontractors performing the activities listed in the RI Work Plan must have completed a training course of at least 40 hours meeting the requirements of 29 CFR 1910.120(e) for safety and health at hazardous waste operations. If the course was completed more than 12 months before the date of work, completion of an approved, 8 hour, refresher course on health and safety at hazardous waste operations is required.

3.2 MANAGEMENT AND SUPERVISORS

In addition to the requirements described in Section 3.1 for OBG field workers, OBG field supervisors performing on-Site operations must have completed a training course of at least 8-hr meeting the requirements of 29 CFR 1910.120(e) on supervisor responsibilities for safety and health at hazardous waste operations.

3.3 EMERGENCY RESPONSE PERSONNEL

OBG employees who respond to emergency situations involving health and safety hazards must be trained in how to respond to such emergencies in accordance with the provisions of 29 CFR 1910.120(l). Skills such as cardiopulmonary resuscitation (CPR), mouth-to-mouth rescue breathing, and basic first aid skills may be necessary. Personnel who respond to emergencies on-Site will be briefed on potential hazards by the SSHC before being permitted to enter the buffer and exclusion zones.

3.4 PROJECT SPECIFIC TRAINING

Project-specific training will be provided to each OBG employee and reviewed before implementing field assignments. OBG personnel will be briefed daily by the Site Supervisor or by the SSHC as to the potential hazards that may be encountered during that day. Topics will include:

- Availability of this HASP;
- General hazards and specific hazards in the work areas;
- Selection, use, testing, and care of the body, eye, hand, foot and respiratory protective equipment being worn and the limitations of each;
- Emergency response procedures and requirements;
- Emergency notification procedures and evacuation routes to be followed; and,
- Procedures for obtaining emergency assistance and medical attention.

3.5 TRAINING CERTIFICATION

A record of employee training completion will be maintained by the SSHC for each OBG employee who is trained. This record will include the dates of the completion of worker training, supervisor training, refresher training, emergency response training, and specific training for on Site OBG employees. Copies of OSHA certificates will also be obtained from prevailing wage subcontractors entering the Site and kept on file.

4. PERSONNEL PROTECTION

The basic level of personal protective equipment (PPE) to be used during field activities associated with implementation of the RI is OSHA Level D. PPE may be upgraded based on air monitoring results or at the discretion of the Project Manager and based on the SSHC's recommendations. A downgrade of PPE must be approved by the SSHC and the Project Manager.

If the SSHC determines that field measurements or observations indicate that a potential exposure is greater than the protection afforded by the equipment or procedures specified in this or other sections of this HASP, the work will be stopped. OBG personnel will be removed from the Site until the exposure has been reduced or the level of protection has been increased.

OBG employees who are required to wear respiratory protection on this project will have been medically approved, fit tested for, and trained in the use of the assigned respiratory protection equipment. Respirators issued are approved for protection against dust and organic vapors by the National Institute for Occupational Safety and Health (NIOSH). Respirators are issued for the exclusive use of one worker and will be cleaned and disinfected after each use by the worker. Respirator users must check the fit of the respirator before each day's use to see that it seals properly. The respirator must seal against the face so that the wearer receives air only through the air purifying cartridges attached to the respirator. No facial hair that interferes with the effectiveness of a respirator will be permitted on personnel required to wear respiratory PPE. Cartridges and filters for air-purifying respirators in use will be changed at the end of each workday that an air-purifying respirator is worn, unless the SSHC determines that a more frequent changeout schedule is necessary, as in the case of high concentrations leading to breakthrough or saturation of the filters.

4.1 PROTECTIVE EQUIPMENT DESCRIPTION

The level of PPE is categorized as Level A, B, C, or D, based upon the degree of protection required. For each level, hard hats will be required if dangers related to overhead objects may be present. For drilling and test pitting activities, hard hats will be worn at all times. For other tasks, hard hats will be worn, as necessary. The following is a brief summary of the PPE levels that may be used on this site.

Level C - The concentration(s) and type(s) of airborne substance(s) is known and the criteria for using air-purifying respirators are met. The following constitute Level C equipment:

- NIOSH approved full-face air purifying respirator with organic vapor/acid gases cartridges and P100 filters;
- Chemical-resistant clothing (polyethylene coated overalls, chemical-splash suit, disposable chemical-resistant overalls) with ankles and cuffs taped closed;
- Gloves, outer, nitrile, chemical-resistant;
- Gloves, inner, nitrile, chemical-resistant;
- Shoes, with safety-toe and shank meeting ANSI requirements plus metatarsal protection;
- Boots, outer neoprene or chemical resistant (latex or neoprene) boot covers;
- Hearing protection, if necessary
- Hard hat, if necessary; and,
- Face shield when not wearing a full-face respirator.

Modified Level D - A work uniform providing additional skin protection when respiratory protection is not necessary. The following constitute Modified Level D equipment:

- Chemical-resistant clothing (polyethylene coated overalls, chemical-splash suit, disposable chemical-resistant overalls) with ankles and cuffs taped closed;
- Gloves, outer, nitrile, chemical-resistant;
- Gloves, inner, nitrile, chemical-resistant;

- Shoes, with steel toe and shank meeting ANSI requirements plus metatarsal protection;
- Boots, outer neoprene or chemical resistant (latex or neoprene) boot covers;
- Hearing protection, if necessary
- Hard hat, if necessary;
- Escape mask (optional);
- Face shield when not wearing other eye protection; and
- Filtering respirator (*i.e.*, dust mask) voluntary use.

Level D - A work uniform affording minimal protection, used for nuisance contamination only. The following constitute Level D equipment:

- Coveralls or other appropriate work clothing;
- Shoes, with safety toe and shank meeting ANSI requirements plus metatarsal protection;
- Optional chemical resistant boot covers;
- Safety glasses or chemical splash goggles;
- Gloves, nitrile if handling wet materials;
- Hearing protection, if necessary;
- Hard hat, if necessary;
- Escape mask (optional); and
- Filtering respirator (*i.e.*, dust mask) voluntary use.

4.2 PROTECTIVE EQUIPMENT FAILURE

If an individual experiences a failure or other alteration of PPE that may affect its protective ability, that person is to leave the work area immediately. The Project Manager or the SSHC must be notified and, after reviewing the situation, is to determine the effect of the failure on the continuation of on-going operations. If the Project Manager or the SSHC determine that the failure affects the safety of workers, the work site, or the surrounding environment, workers are to be evacuated until corrective actions have been taken. The SSHC will not allow re-entry until the equipment has been repaired or replaced and the cause of the failure has been identified.

5. MEDICAL MONITORING

5.1 MEDICAL SURVEILLANCE PROGRAM

OBG has implemented a medical monitoring program in accordance with 29 CFR 1910.120. The OBG program is designed to monitor and reduce health risks to employees potentially exposed to hazardous materials and to provide baseline medical data for each employee involved in work activities. It is also designed to determine the employee's ability to wear personal protective equipment such as chemical resistant clothing and respirators.

Medical examinations are administered on a post-employment and annual basis and as warranted by symptoms of exposure or specialized activities. The examining physician is required to make a report to OBG of any medical condition that would increase the employee's risk when wearing a respirator or other PPE. OBG maintains site personnel medical records as required by 29 CFR 1910.120 and by 29 CFR 1910.1020, as applicable.

OBG employees performing the activities listed in the RI Work Plan of this document have or will receive medical tests as regulated by 29 CFR 1910.120. Where medical requirements of 29 CFR 1910.120 overlap those of 29 CFR 1910.134, the more stringent of the two will be enforced.

5.2 RESPIRATOR CLEARANCE

Employees who wear or may wear respiratory protection have been provided respirators as required by 29 CFR 1910.134. This standard requires that an individual's ability to wear respiratory protection be medically certified before performing designated duties.

6. AIR MONITORING

Field activities associated with the investigation may cause potentially hazardous conditions, through the volatilization of hazardous substances. These substances may be in the form of vapors, dusts, or mists that can enter the body through ingestion, inhalation, adsorption and direct contact. Monitoring of these substances will be performed to ensure appropriate personal protective measures are employed during Site activities.

Action levels have been established for activity cessation, Site evacuation, emergency response, and determination of personal protection levels. Section 4 discusses the minimal personal protection required for specific Site activities. **Tables 6-4(a)** and **6-4(b)** below lists action levels, airborne concentrations, and associated personal protection levels. Changes to these specified levels are dependent on the results of air monitoring, as described below and must be approved by the Corporate Associate for Safety and Health.

Personal monitoring must be conducted in the breathing zone and, if workers are wearing respiratory protective equipment, outside the face piece.

6.1 FIELD INSTRUMENTATION AND SAMPLING

Field health and safety air sampling for the RI field investigation will consist of organic vapor monitoring using a photoionization detector (PID) according to provisions of Section 2. In addition, during intrusive activities, a dust meter shall be used to monitor for the presence of total particulates. Dust monitors shall be placed upwind and downwind of work activities, and within the work zone. Dust meters will be capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating readings over a period of 15-minutes for comparison to the airborne particulate action level. In addition, dust generation and migration will be visually assessed during work activities.

Periodic organic monitoring will be conducted in the breathing zone and, if workers are wearing respiratory protective equipment, outside the face piece. The monitoring strategies may change if work tasks or operations change. Monitoring instruments will be checked for appropriate response, in accordance with the manufacturer's instructions, before use each sampling day.

6.2 ACTION LEVELS

Work zone monitoring action levels and Community Air Monitoring Plan (CAMP) action levels are provided below and in the JSA provided in **Appendix A**.

6.3 WORK ZONE MONITORING

The following work zone monitoring will be implemented during intrusive RI field activities, which will include exploratory test pits/excavations, drilling of soil borings, and installation of groundwater monitoring wells. An example Air Monitoring Log is presented as **Attachment 1**.

The breathing zone will be monitored periodically for VOCs. Should this monitoring indicate sustained VOC levels in the breathing zone above 5 ppm above background, then the monitoring will be increased to a continuous frequency, and the CAMP detailed in Section 6.4 will be implemented. Actions such as keeping the sampling upwind of motors and fuel areas will be implemented to reduce potential interference due to vapors that may be associated with motor operation. PPE will be upgraded to Level C which includes air purifying respirators and chemical resistant clothing (Section 4) when the VOC concentration in the respective breathing zone exceeds 5 ppm above background as indicated on the PID. If the measured VOC concentration is greater than or equal to 50 ppm above background, the workers will leave that work area. The breathing zone will also be monitored periodically for airborne particulates. Should this monitoring indicate sustained particulate concentrations above 100 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), then monitoring will be increased to a continuous frequency, and the CAMP will be implemented. In addition, particulate control measures will be initiated. Action levels for organic vapors and particulate emissions are outlined in the JSA as well as on **Table 6-4(a)** (below).

6.4 COMMUNITY AIR MONITORING PLAN

The following CAMP is provided and will be implemented during intrusive RI field activities, which will include exploratory test pits/excavations, drilling of soil borings, and installation of groundwater monitoring wells. An example Air Monitoring Log is presented as [Attachment 1](#).

The upwind and downwind perimeter of the exclusion zone will be monitored during intrusive work. A PID will monitor total organic vapors while a particulate meter will monitor particulate concentrations. The monitors will be equipped with audible and visual alarms, have recorders and display 15 minute time weighted averages. The equipment will not be connected remotely to smart phones, pagers, or the internet. All readings will be downloaded and available for New York State Department of Health (NYSDOH) and NYSDEC personnel to review upon request. Action levels for organic vapors and particulate emissions are outlined in the following subsections as well as in the JSA and on [Table 6-4\(b\)](#) (below).

6.4.1 Organic Vapors

If the 15-minute average VOC level remains below 5 ppm above background, intrusive work activities may continue. If the 15-minute average VOCs level exceeds 5 ppm above background, intrusive work activities will be suspended. Monitoring will continue under the provisions of the Vapor Emission Response Plan described below. If the 15-minute average VOCs level exceeds 25 ppm above background, intrusive work will be stopped and the Major Vapor Emissions Plan described below will be activated. Monitoring will continue under the provisions of the Major Vapor Emission Plan described below.

Vapor Emission Response Plan

If the vapor levels increase above 5 ppm above background at the downwind perimeter of the exclusion zone but remain below 25 ppm above background, work can resume provided:

- The source of the vapors has been identified and corrective actions have been taken to abate the emissions. These actions must reduce the exclusion zone perimeter emissions below 5 ppm;
- The organic vapor level 200 feet downwind of the work area or half of the distance to the nearest residential or commercial structure, whichever is less, is less than 5 ppm over background. If the distance to the nearest occupied building is less than 20 feet, the monitor will be placed at the perimeter of the work area; and
- Continuous monitoring continues.

Major Vapor Emission Plan

If organic levels greater than 5 ppm over background are identified 200 feet downwind from the work area or half of the distance to the nearest residential or commercial property, whichever is less, all work activities at the Site will be halted.

If, following the cessation of the work activities, the downwind organic levels persist above 5 ppm above background, then the air quality must be monitored within 20 feet of the perimeter of the nearest residential or commercial structure (20-Foot Zone).

If efforts to abate the emission source are unsuccessful and if organic vapors persist at levels ≥ 5 ppm for more than 30 minutes or any level ≥ 10 ppm in the 20-foot Zone, then the following actions will be taken:

- 1) Monitoring will be conducted continuously in the "20 foot zone" until VOC levels are below 5 ppm. All intrusive site activities will be halted during this time;
- 2) The City will be notified; and
- 3) The NYSDEC will be notified.

6.4.2 Dust/Particles

When the 15-minute average dust level remains below 0.1 milligrams per cubic meter (mg/m^3) above background, intrusive work activities may continue.

If the downwind PM-10 particulate level is 0.1 mg/m^3 greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed.

If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 0.15 mg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 0.15 mg/m^3 of the upwind level and in preventing visible dust migration.

Particulate Emission Response Plan

If the particulate levels increase above 0.1 mg/m^3 over background at the downwind perimeter of the exclusion zone but remain below 0.15 mg/m^3 above background, work can resume provided dust suppression techniques are employed and no visible dust is migrating from the work area.

If the particulate levels increase above 0.15 mg/m^3 over background at the downwind perimeter of the exclusion zone, work can resume provided dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 micrograms per cubic meter ($\mu\text{g/m}^3$) of the upwind level and in preventing visible dust migration.

Table 6-4(a) WORK ZONE ACTION LEVELS

Contaminant (equipment/method)	Frequency	Breathing Zone Action Levels*	SSHC Action/Response
<p>Volatile Organic Vapors</p> <p>Odor observations and PID (PID with 10.6 eV lamp)</p>	<p>1. Continuously in breathing zone during intrusive work activities.</p> <p>2. When observations of any unusual odors are reported to the SSHC.</p>	<p><5 ppm</p>	<p>1. Level D PPE (General PPE).</p> <p>2. Work may continue.</p>
		<p>≥5 ppm</p>	<p>1. STOP work.</p> <p>2. Implement additional engineering (minimize open area) or administrative controls (await dissipation) to reduce contaminant concentrations below action level(s). Alternatively, work may also continue with air purifying respirators with organic vapor/P100 filters and an upper threshold for their use (Benzene permissible exposure limit 1.0 ppm x protection factor of 10 = 10 ppm).</p> <p>3. Work may continue if readings are <5 ppm and additional vapor controls have been implemented.</p> <p>4. Monitoring must continue at the exclusion zone perimeter for as long as VOC levels are ≥5 ppm.</p>
		<p>>50 ppm</p>	<p>1. STOP work.</p> <p>2. Vacate area.</p> <p>3. Notify the OBG Project Manager, City Division of Environmental Quality (DEQ) Project Manager, and NYSDEC representative.</p>
<p>Dust</p> <p>Observations and Dust Meter (Dust Trak)</p>	<p>1. Continuously in breathing zone during intrusive work activities.</p> <p>2. When observations of any visible dust are reported to the SSHC.</p>	<p><0.1 mg/m³</p>	<p>1. Level D PPE (General PPE).</p> <p>2. Work may continue.</p>
		<p>0.1 – 0.15 mg/m³</p>	<p>1. STOP work.</p> <p>2. Implement additional engineering (minimize open area) or administrative controls (await dissipation) to reduce particulate concentrations below action level(s).</p> <p>3. Work may continue if readings are <0.1 mg/m³ and additional dust controls have been implemented.</p> <p>4. Monitoring must continue for as long as particulate levels are 0.1 – 0.15 mg/m³.</p>
		<p>>0.15 mg/m³</p>	<p>1. STOP work and evaluate alternate work methods or dust controls.</p> <p>2. Work may continue if readings are <0.15 mg/m³ and additional dust controls have been implemented.</p> <p>3. Immediately notify the OBG Project Manager, OBG Manager of Corporate Health and Safety, City DEQ Project Manager, and NYSDEC representative.</p> <p>4. Resume work if the cause of the elevated dust levels has been evaluated and corrective action has been identified.</p>

Table 6-4(b) COMMUNITY AIR MONITORING ACTION LEVELS

Contaminant (equipment/method)	Frequency	Downwind Action Levels*	SSHC Action/Response
Volatile Organic Vapors Odor observations and PID (PID with 10.6 eV lamp)	1. Continuously downwind during intrusive work activities. 2. When observations of any unusual odors are reported to the SSHC.	<5 ppm (at the exclusion zone perimeter)	1. Work may continue. 2. Readings shall be recorded and made available for NYSDEC/NYSDOH review.
		5 ppm (at the exclusion zone perimeter)	1. STOP work. 2. Move to a location 200' downwind or at half the distance between the exclusion zone and nearest dwelling (but not closer than 20') and continue air monitoring and recording readings at this location. If the VOC level at the downwind location is <5 ppm, return to the exclusion zone perimeter and take additional VOC readings. 3. Work may continue if exclusion zone perimeter readings are <5 ppm and additional vapor controls have been implemented. 4. Monitoring must continue at the exclusion zone perimeter for as long as VOC levels are ≥5 ppm.
		25 ppm (at the exclusion zone perimeter)	1. STOP work. 2. Implement additional vapor emission controls to reduce VOC levels below 5 ppm (at the exclusion zone perimeter). 3. Notify the OBG Project Manager, City DEQ Project Manager, and NYSDEC representative.
Dust Observations and Dust Meter (Dust Trak)	1. Continuously downwind during intrusive work activities. 2. When observations of any visible dust are reported to the SSHC.	<0.1 mg/m ³ (at the exclusion zone perimeter)	1. Work may continue. 2. Readings shall be recorded and made available for NYSDEC/NYSDOH review.
		0.1 – 0.15 mg/m ³ (at the exclusion zone perimeter)	1. Work may continue but use dust suppression controls.
		>0.15 mg/m ³ (at the exclusion zone perimeter)	1. STOP work. 2. Work may continue if exclusion zone dust readings are <0.15 mg/m ³ and additional dust controls have been implemented. 3. Immediately notify the OBG Project Manager, OBG Manager of Corporate Health and Safety, City DEQ Project Manager, and NYSDEC representative. 4. Work will not restart until the cause of the elevated dust levels has been evaluated and corrective action identified.

* Sustained readings for 1-minute above background. Background readings are taken at upwind locations relative to exclusion zones.

7. SITE CONTROL

7.1 SITE SECURITY

Site security will be monitored and controlled by the Project Manager, the Site Supervisor, and the SSHC. Their duties will include limiting access to the work area to authorized personnel, overseeing project equipment and materials, and overseeing work activities. The procedures specified below will be followed to control access to each work site to prevent persons who may be unaware of site conditions from exposure to hazards. Work area control procedures may be modified as required by site conditions.

7.2 SITE CONTROL

Portions of the Site have access to the Bicycle Path. Encountering pedestrians utilizing the Bicycle path or walking trails are a possibility. Signage will be used to detour pedestrians if drilling is to be performed or equipment is to be driven or moved on or near the pathway. Traffic cones and signage will be utilized around the drill rig or machinery to warn pedestrians if in an active pathway.

Work zones will be required during Site activities identified in this HASP. The following two categories of work zones will be established at each sampling point: an exclusion zone and a buffer zone. The remainder of the Site will be the support zone.

7.2.1 Exclusion Zone

The exclusion zone is where sampling activities are conducted. The SSHC will identify this zone. It must be at least 30 ft. in diameter and centered on the work activities.

7.2.2 Buffer Zone

The buffer zone contains personnel and equipment decontamination stations and staging areas for samples. The buffer zone will be located upwind of the work activities. It will only be large enough to contain equipment and personnel necessary to keep potentially contaminated media and materials in the immediate work area.

7.2.3 Support Zone

The remainder of the area is defined as the support zone. The support zone contains support facilities, extra equipment, transport vehicles, and additional personnel and equipment necessary to manage and perform work activities.

7.3 WORK ZONE ACCESS PROCEDURES

Work zone access during field activities will be limited to those personnel required. Such personnel are anticipated to include, but will not necessarily be limited to, OBG employees or subcontractors, City of Rochester personnel involved in the project, and those representatives as designated by the NYSDEC or local agencies. Site access will be monitored by the SSHC, who will maintain a log-in sheet (presented as [Attachment 2](#)). The log will include OBG and other personnel on the Site, their arrival and departure times and their destination on the Site.

7.4 SITE COMMUNICATIONS

A cellular telephone will be used during activities to facilitate communications for emergency response and other purposes and to serve as the primary off-Site communication network.

7.5 CONFINED SPACE ENTRY

No entry of permit required confined spaces is expected while OBG personnel perform the tasks listed in the RI Work Plan. A confined space is defined as a space that has limited or restricted means for entry (for example tanks, vessels, silos, storage bins, hoppers, vaults, and pits), is not designed for continuous employee occupancy, and large enough to enter.

8. DECONTAMINATION

8.1 PERSONNEL DECONTAMINATION PROCEDURES

Decontamination procedures are required only if the work being performed results in contaminated protective equipment, and will be required for footwear of all personnel leaving the Site. OBG personnel leaving an exclusion zone will decontaminate their protective equipment within the buffer zone before entering the support zone. Decontamination involves removal of contaminated disposable protective garments and/or scrubbing with a non-phosphate detergent and potable water solution followed by a rinse with potable water.

All personnel leaving the Site will undergo footwear decontamination prior to leaving the Site. This will consist of a boot wash using a soapy water (*e.g.*, Alconox) brush of footwear, followed by a potable water rinse. The wash and rinse water will be containerized and managed as IDW as detailed in Section 11.3.1 of the FSAP. The personnel decontamination area will be located on City-owned land immediately north of Flint Street (a continuation of the 1320 S. Plymouth Avenue tax parcel) as depicted on [Figure 6](#). A shipping container may also be staged near the decontamination or IDW area for storage.

Decontamination will take place on a decontamination pad. Dirt or other foreign materials that are visible will be removed from surfaces. Scrubbing with a brush may be required to remove materials that adhere to the surfaces. Waste waters from personnel decontamination will be handled with the waste waters from equipment decontamination. The decontamination procedures will be modified based on the potential level of contamination. The SSHC will be responsible for determining the appropriate level of decontamination.

Disposable protective equipment generated during the field activities will be containerized in a lined waste receptacle and subsequently disposed of properly. Personnel will wash hands thoroughly prior to eating or drinking in the support zone.

8.2 EMERGENCY DECONTAMINATION PROCEDURES

The extent of emergency decontamination depends on the severity of the injury or illness and the nature of the contamination. Minimum decontamination will consist of detergent washing, rinsing and removal of contaminated outer clothing and equipment. If time does not permit the completion of all of these actions, it is acceptable to remove the contaminated clothing without washing it. If the situation is such that the contaminated clothing cannot be removed, the person should be given required first aid treatment, and then wrapped in a blanket prior to transport to medical care. If heat stress is a factor in the victim's illness/injury, outer clothing will be removed from the victim immediately.

8.3 MONITORING EQUIPMENT DECONTAMINATION PROCEDURES

Non-disposable or non-dedicated monitoring equipment will be cleaned of visible contamination and debris before initial use on Site, between uses, and after final use. Non-disposable or non-dedicated monitoring equipment that contacts the soil or groundwater will be decontaminated after each use by scrubbing with a non-phosphate detergent and potable water solution followed by rinses with potable water and distilled water, as required.

Decontamination procedures for heavy equipment used for the drilling and installation of monitoring wells will be performed at a location designated by the Project Manager or SSHC. Decontamination involves potable water or steam cleaning on a decontamination pad that will contain rinse water and overspray. Heavy equipment will be thoroughly cleaned and inspected by the SSHC prior to leaving the Site.

Decontaminated or clean equipment not in use will be stored in a designated storage area in the support zone.

8.4 DECONTAMINATION SUPPLIES

The following supplies will be available on site for the decontamination of personnel and equipment:

- Plastic drop cloths;
- Plastic bags or DOT-approved fiberboard drums to collect non-reusable protective clothing;
- Plastic wash tubs;
- Soft bristled long-handle brushes;
- DOT-approved drums or appropriate other containers, to collect wash and rinse water;
- Hand spray units for decontamination;
- Non-phosphate detergent;
- Potable and distilled water;
- Soap, water, alcohol wipes, and paper towels to wash hands, faces, and respirators; and
- Washable tables and benches or chairs.

8.5 COLLECTION AND DISPOSITION OF CONTAMINATED MATERIALS

PPE and other investigation-derived wastes are to be collected, drummed, and disposed of in accordance with the procedures in the FSAP. Investigation derived waste will be managed as described in the FSAP.

8.6 GENERAL REFUSE DISPOSAL

General refuse such as food and beverage containers, paper, cardboard, and plastic products that do not contain hazardous substances from the Site or the Site work will be bagged or otherwise contained and will be properly disposed.

9. EMERGENCY RESPONSE

9.1 NOTIFICATION OF SITE EMERGENCIES

In an emergency, Site personnel will signal distress either by yelling or with three blasts from a horn (vehicle horn, air horn and so forth). The SSHC, Site Supervisor, or the Project Manager will immediately be notified of the nature and extent of the emergency.

Hospital Route directions and emergency telephone numbers are provided in the JSA ([Appendix A](#)).

9.2 RESPONSIBILITIES

The SSHC is responsible for responding to or coordinating the response of emergency personnel to emergencies and will notify the Project Manager and Project Coordinator immediately of emergencies. In the event of an emergency, the SSHC will direct notification and response, and will arrange follow-up actions. Upon notification of an exposure incident, the SSHC will dial the appropriate telephone number listed in [Table 1-1](#) and request hospital, fire, and/or police emergency personnel be dispatched to the location of the emergency.

Response personnel will, as necessary, recommend medical diagnosis, treatment, and provide transportation to the hospital. Before work may resume following an emergency, used emergency equipment must be recharged, refilled, or replaced and government agencies must be notified as required.

9.3 ACCIDENTS, INJURIES, AND NEAR MISSES

In the event of an accident or injury, workers will immediately implement emergency isolation measures to assist those who have been injured and to protect others from hazards. Upon notification of any accident or injury, the SSHC will immediately contact the Project Manager, and the Project Manager will notify the Project Coordinator. If necessary, immediate medical care will be provided by personnel trained in first aid procedures.

Near-miss incidents must also be reported immediately to the Project Manager. Near-miss incidents are cases in which no injury or property damage occurred. However, an injury or property damage could have occurred under similar conditions.

The Project Manager, assisted by the SSHC, must investigate the accident, injury, or near-miss as soon as possible. The Project Manager will assess accident, injury, or near-miss, the cause, and the means to prevent similar incidents. The resulting report must be signed and dated by the Project Manager and the SSHC. In addition, the OBG Corporate Associate for Safety and Health will be notified within 24-hours of an accident involving OBG personnel and/or its subcontractors.

9.4 SAFE REFUGE

Before commencing Site activities, the SSHC will identify the location that will serve as the place of refuge for OBG workers in case of an emergency evacuation. During an emergency evacuation, personnel in the exclusion zone should evacuate the work area both for their own safety and to prevent hampering rescue efforts. Following an evacuation, the SSHC will account for site personnel.

9.5 FIRE FIGHTING PROCEDURES

A fire extinguisher meeting the requirements of 29 CFR Part 1910 Subpart L, as a minimum, will be available in the support zone during on site activities. This is intended to control small fires. When a fire cannot be controlled with the extinguisher, the exclusion zone will be evacuated, and the fire department will be contacted immediately. The SSHC or the Site Supervisor will determine when to contact the fire department.

9.6 EMERGENCY EQUIPMENT

The following equipment, selected based on potential site hazards, will be maintained in the support zone for safety and emergency response purposes:

- Cell phone;

- Fire extinguisher (when fuel-powered engines or other flammable materials are present); and
- First aid kit with eye wash bottles.

9.7 EMERGENCY SITE COMMUNICATIONS

Hand and verbal signals will be used at the site. Portable telephones will be available during site activities for emergency response communications.

9.8 SECURITY AND CONTROL

Work zone security and control during emergencies, accidents, and incidents will be monitored by the SSHC or the Site Supervisor. The duties of the SSHC or the Site Supervisor include limiting access to the work zones to authorized personnel and overseeing emergency response activities.

10. SPECIAL PRECAUTIONS AND PROCEDURES

The activities listed in the RI Work Plan may expose personnel to both chemical and physical hazards. The hazards associated with specific site activities are discussed in Section 2 and the attached JSA ([Appendix A](#)). The potential for exposure to hazardous situations will be significantly reduced through the use of air monitoring, PPE, hazard awareness training, and administrative and engineering controls. Other general hazards that may be present on a hazardous waste work site are discussed below.

10.1 COLD STRESS

The Project Manager and the SSHC will establish an appropriate work-warming regimen to avoid excessive exposure to cold temperatures that could result in cold stress. Employees can work in very cold conditions as long as they have the proper clothing and good areas to warm themselves frequently. Cold stress for extended periods of time can result in hypothermia. Hypothermia is a result of a drop in body temperature from 98.6°F (normal oral body temp.) to 96.8°F or below. Severe hypothermia can result in death. Employees must be trained in cold stress, take breaks when symptoms of cold stress are observed, and not return to work after the onset of cold stress unless fully recovered.

The most obvious symptoms of cold stress include pain in one's finger tips, toes and extremities and severe shivering; these symptoms can be alleviated by taking breaks in a warming area. More serious symptoms, which require medical attention prior to returning to work, include clouded consciousness, progressive loss of consciousness, stop of shivering, breathing decreases, unconsciousness and/or heart attack.

It is important to recognize the effect of wind speed on the perceived decrease in air temperature felt by the body on exposed skin. The table below provides estimated wind chill temperatures based on air temperature and wind speed. Wind chill must be taken into account when following the procedures to prevent cold stress provided below.

Minimum procedures to be followed to prevent cold stress include the following:

- If an employee becomes immersed in water or their clothing becomes wet during cold temperatures (below 35°F/2°C), then the employee should immediately get a new change of clothing and be evaluated for hypothermia;
- If an employee gets wet feet when the temperature is below 50°F, then they should get dry foot apparel as soon as possible;
- If the air temperature (taking wind chill into account based on the table below) falls below 32°F (0°C), insulating gloves should be used; and
- If prolonged work in 20°F (-7°C) temperatures (or below) is necessary, a work-warming regimen shall be established.

Table 10-1: Wind Chill Chart (Temperature vs. Wind Speed)

Wind Speed-mph							
Calm	5	10	15	20	25	30	35
Temperature (°F)	Wind Chill						
45	43	34	29	26	23	21	20
40	37	28	23	19	16	13	12
35	32	22	16	12	8	6	4
30	27	16	9	4	1	-2	-4
25	22	10	2	-3	-7	-10	-12
20	16	3	-5	-10	-15	-18	-20
15	11	-3	-11	-17	-22	-25	-27
10	6	-9	-18	-24	-29	-33	-35
5	0	-15	-25	-31	-36	-41	-43
0	-5	-22	-31	-39	-44	-49	-52
-5	-10	-27	-38	-46	-51	-59	-64
-10	-15	-34	-45	-51	-59	-64	-67
-15	-21	-40	-51	-60	-66	-71	-74
-20	-26	-46	-58	-67	-74	-79	-82
-25	-31	-52	-65	-74	-81	-86	-89

10.2 HEAT STRESS

The Project Manager and the SSHC will establish an appropriate work regimen to avoid excessive exposure to hot temperatures that could result in heat stress. Employees should be aware of the symptoms of heat stress with themselves and co-workers. Some symptoms associated with heat stress are:

- An elevated heart rate, lack of concentration, difficulty focusing on a task, fatigue;
- Irritability and/or sickness;
- Cramps, rash, headache;
- Loss of desire to drink water;
- Fainting;
- Skin clammy, moist and pale (severe heat exhaustion); and
- Skin extremely dry and red (heat stroke).

To help prevent heat stress, employees should intake plenty of water throughout the work day (sometimes as much as a quart per worker per hour) and employees should know where drinking water is located. Employees should adjust their work pace and expectations on how much work can be done during periods of high heat. If possible, heavy work should be scheduled during the cooler parts of the day (*i.e.*, early morning) and rest periods should be taken in cool areas for longer periods. Employees using PPE (*e.g.*, Tyvek® suits or other equipment which may retain heat) can be more susceptible to heat stress due to the fact that heat/sweat often cannot escape the suits and/or the equipment.

For instances of *mild heat stress*: Immediately bring employee to a cool place and have them rest and drink liquids. Provide off Site medical attention for employees who do not fully recover within one hour. For instances of *severe heat stress/heat stroke*: If an employee faints, experiences coordination problems or appears confused or disoriented, then immediately contact emergency services. If employee is suspected of heat stroke, soak employee in their clothes in cool water and contact emergency services.

It is important to recognize the effect of humidity on the perceived increase in air temperature felt by the body. The body cools itself through the evaporation of sweat. Humidity reduces the evaporation rate, which results in

lower rates of heat removal from the body. The table below provides estimated heat index temperatures based on air temperature and relative humidity. Workers must be aware of heat index and heat-related disorders.

Table 10-2: Heat Index Chart
Temperature (°F) vs. Relative Humidity

	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%
115	111	115	120	127	135	143	151								
110	105	108	112	117	123	130	137	143	151						
105	100	102	105	109	113	118	123	129	135	142	149				
100	95	97	99	101	104	107	110	115	120	126	132	136	144		
95	90	91	93	94	96	98	101	104	107	110	114	119	124	130	136
90	85	86	87	88	90	91	93	95	96	98	100	102	106	109	113
85	80	81	82	83	84	85	86	87	88	89	90	91	93	95	97
80	75	76	77	77	78	79	79	80	81	81	82	83	85	86	86
75	70	71	72	72	73	73	74	74	75	75	76	76	77	77	78

Heat Index/Heat Disorders	
Heat Index	Possible heat disorders for people in higher risk groups
DANGER 130 or higher	Heatstroke/sunstroke highly likely with continued exposure. <ul style="list-style-type: none"> • Moderate and strenuous outdoor activity prohibited
WARNING 105-130	Sunstroke, heat cramps or heat exhaustion likely, and heat stroke possible with prolonged exposure and/or physical activity. <ul style="list-style-type: none"> • Strenuous outdoor activity while wearing Tyvek is prohibited without the use of personal cooling devices. • Workers must drink every 15 minutes or more frequently at their discretion • Air conditioned break areas must be available.
CAUTION 90-105	Sunstroke, heat cramps and heat exhaustion possible with prolonged exposure and/or physical activity. <ul style="list-style-type: none"> • Strenuous outdoor activity while wearing Tyvek is prohibited above a HSI of 99 without the use of personal cooling devices and is recommended for lower HSI. • SSHC to monitor employees for symptoms of heat stress. • Workers must drink every 30 minutes or more frequently at their discretion. • Air conditioned break areas must be made available for morning, lunch, and afternoon breaks.
CONCERN 75-90	Fatigue possible with prolonged exposure and/or physical activity. <ul style="list-style-type: none"> • SSHC to monitor employees for symptoms of heat stress. • Workers must drink every 60 minutes or more frequently at their discretion. • Shaded break areas must be made available for morning, lunch, and afternoon breaks. Air conditioning is recommended.

Source: National Weather Service [Modified – The initial HSI for the lowest (“CONCERN”) heat stress category was reduced from 80 to 75 because of the potential for increased heat stress when wearing Tyvek.]

10.3 NATURAL HAZARDS

Lightning storms, hurricanes, tornadoes, and severe snow storms, all of which are obviously unavoidable and uncontrollable, may be treated as a natural disaster. In the event of severe weather conditions, Site work will be halted by the SSHC or designee. Site evacuation may take place and the Site shall be secured to the extent possible.

10.4 HEAVY EQUIPMENT / MACHINERY

OBG employees performing Site activities may use or work near operating heavy equipment and machinery and must be familiar with and review OBG’s Corporate Health, Safety & Environment Manual (Appendix B, Safe Work Procedures, Excavation) section on Excavation. Since protective equipment may reduce peripheral vision,

hearing or general awareness of the wearer, OBG personnel should exercise extreme caution in the vicinity of operating equipment and machinery to avoid physical injury to themselves or others. Cell phones will not be used while operating heavy equipment and machinery or by workers on the ground in the area of heavy equipment and machinery operations to avoid physical injury to themselves or others.

Site Personnel working near heavy equipment will be exposed to "struck-by" injuries and "crush" injuries if caught between heavy equipment (or counterweights) and a fixed object. Hydraulic line pressures may be as high as 6,000 pounds per square inch (psi). Special care should be taken when handling hydraulic hoses. Hoses lying on the ground shall be marked by cones to minimize the tripping hazard.

All equipment must be secured after hours. Keys must be removed from equipment and secured away from the equipment. Mobile equipment that does not require an ignition key shall be disabled. All vehicles and heavy equipment must be turned off when left unattended.

Subcontractors shall submit a letter on company letterhead that designates which of their employees is competent and authorized to operate each type of equipment present on this project. Forklift and lull operators must have a license or certificate that indicates they have passed a written test and "road" test for the type of forklift they will be operating.

Operators will use seatbelts if so equipped. Heavy equipment will be equipped with overhead and rollover protection whenever feasible. Operators will inspect equipment daily and document leaks, damage, and other necessary repairs.

Heavy equipment must be equipped with backup alarms, horns, and other safety devices installed by the manufacturer. Vehicles operated at night must have headlights, tail lamps, and reflectors. Safety devices must not be disabled.

10.5 ADDITIONAL SAFETY PRACTICES

The following are important safety precautions that will be enforced during the completion of the activities listed in Section 2:

- Eating, drinking, chewing gum or tobacco, smoking, or any practice that increases that probability of hand-to-mouth transfer and ingestion of material is prohibited in exclusion zone and buffer zones;
- Working under the influence of any illegal drug, prescription medication that may affect your ability to work, alcohol, or an illness that affects your ability to work or could potentially infect others on site is prohibited;
- Hands must be thoroughly washed before eating or drinking;
- No firearms may be brought on-Site;
- Contact with potentially-contaminated surfaces should be avoided whenever possible;
- Activities in an exclusion zone will be conducted using the "buddy system." The "buddy" is another worker fully dressed in the appropriate PPE who can perform the following activities:
 - » Provide partner with assistance
 - » Observe partner for sign of chemical or heat exposure
 - » Periodically check the integrity of partner's PPE
 - » Notify others if emergency help is needed
- Avoid breathing chemical odors;
- Do not expose skin to water, chemicals, or soil. If one becomes dirty or wet with contaminated fluids, clean up immediately using plenty of water;
- Unsafe or inoperable equipment left unattended will be identified by a "DANGER, DO NOT OPERATE" tag; and
- The HASP will be reviewed frequently for its applicability to the current and upcoming operations and

activities.

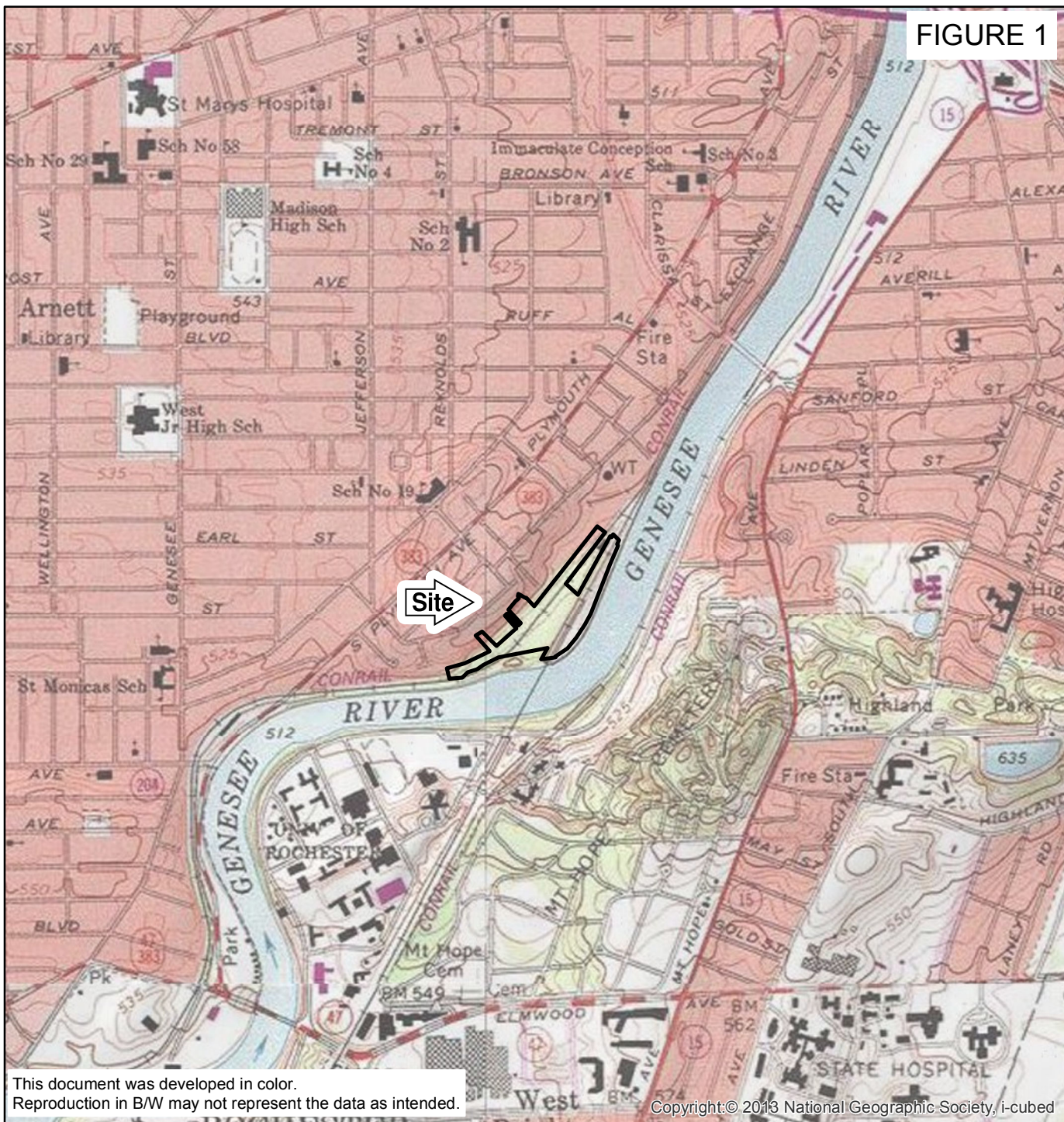
10.6 DAILY LOG CONTENTS

The Project Manager and the SSHC will establish a documentation system that will record, at a minimum, the following information:

- OBG personnel and other personnel conducting the site activities, their arrival and departure times, and their destination at the investigation areas;
- Incidents and unusual activities that occur on the site such as, but not limited to, accidents, breaches of security, injuries, equipment failures and weather related problems;
- Changes to the RI Work Plan and the HASP; and
- Daily Information such as:
 - » Pre-Task Planner
 - » Work accomplished and the current site status
 - » Air monitoring results.

Figures

FIGURE 1

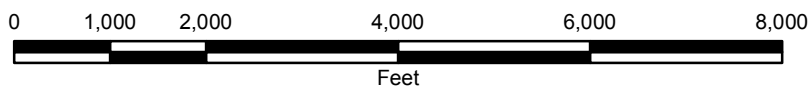


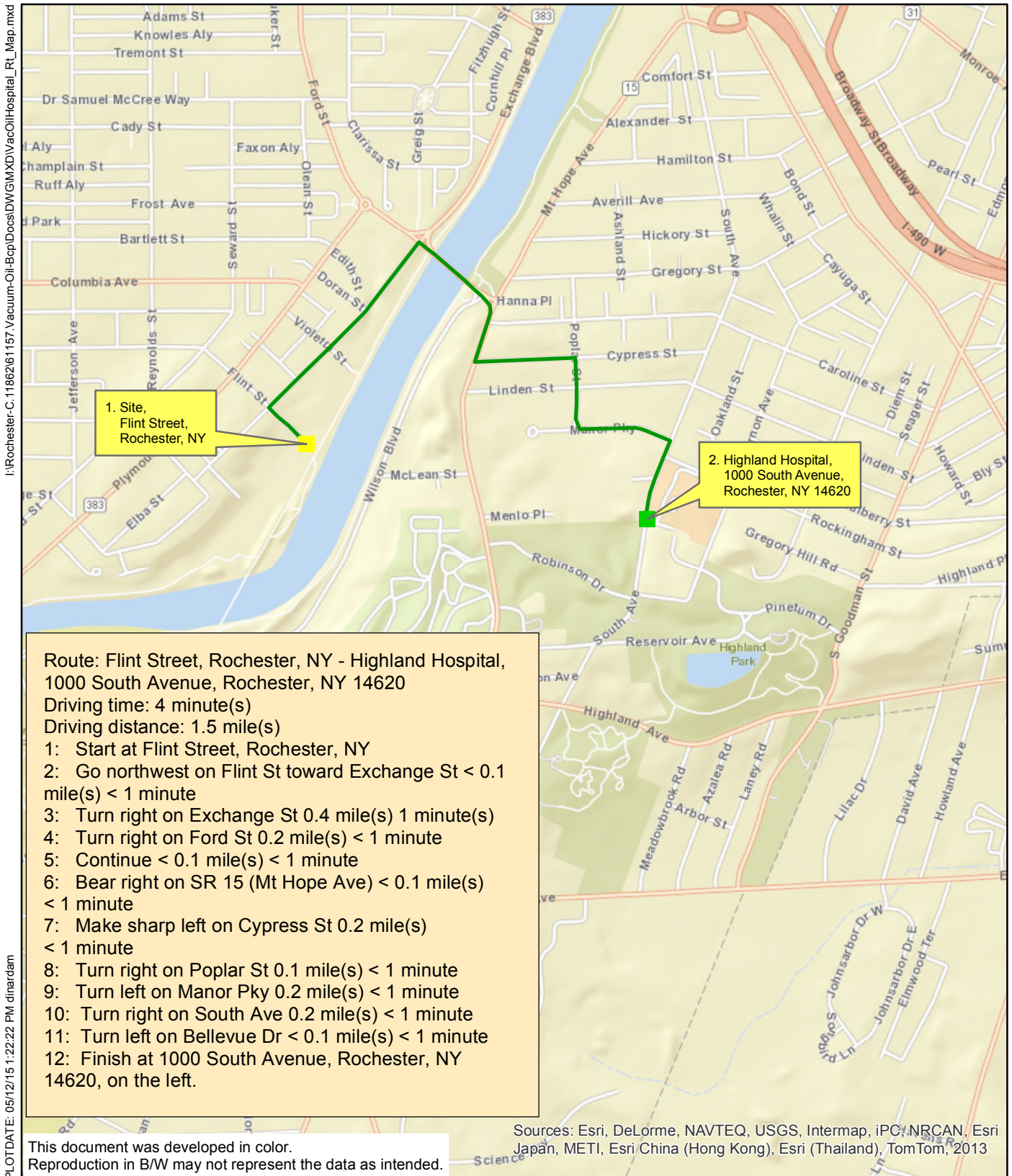
ADAPTED FROM: ROCHESTER EAST USGS QUADRANGLE

**BROWNFIELD CLEANUP PROGRAM
 REMEDIAL INVESTIGATION WORK PLAN
 CITY OF ROCHESTER
 PORTION OF FORMER VACUUM OIL
 REFINERY
 ROCHESTER, NEW YORK**



SITE LOCATION

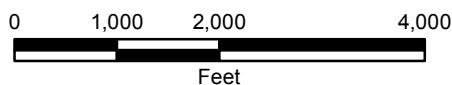




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BROWNFIELD CLEANUP PROGRAM
 REMEDIAL INVESTIGATION WORK PLAN
 CITY OF ROCHESTER
 PORTION OF FORMER VACUUM OIL REFINERY
 ROCHESTER, NEW YORK

HOSPITAL EVACUATION ROUTE



Appendix A
Job Safety Analysis

Safety to Zero (S₂0) – Safety Planning Is Critical To Our Ultimate Goal Of Zero Injuries

Project Name:	Brownfield Cleanup Program Remedial Investigation	OBG Project Officer:	Doug Crawford
Project Number:	61157	OBG Project Manager (PM):	Deborah Wright
JSA Title:	Remedial Investigation Program	OBG Site Supervisor:	Anthony DiNardo
JSA Revision Date:	October 21, 2015	OBG Site Safety Coordinator:	Anthony DiNardo
JSA Prepared By:	Amanda Young/Helena Dickerson		
Client Name:	City of Rochester	Subcontractor Company Name:	<input type="checkbox"/> NA) Various, TBD
Project Location:	Rochester, New York	Subcontractor Project Manager:	TBD
Project Phone No.:	585-295-7709	Subcontractor Superintendent:	TBD
Project Fax No.:	585-263-2869	Sub Safety Competent Person:	TBD
Scope of Work covered by this JSA (identify subcontractors covered by this JSA)	<p>Excavation/Test pit installation, Soil boring, monitoring well installation, and collection of surface soil, soil boring, soil vapor, and groundwater samples. Groundwater quality monitoring and groundwater sample collection. Hydraulic conductivity testing.</p> <p>Decontamination procedures will be implemented to minimize the potential for cross-contamination between drilling and testing locations, and to minimize tracking of subsurface contaminants across the site. All tools and equipment, machinery, pumps, PPE, etc. that has been in contact with contaminated soils/groundwater will undergo decontamination. In addition, drill rigs and support vehicles will be decontaminated prior to entry to the site, and prior to leaving the site. Clean water will be used for all decontamination procedures.</p> <p>On-Site subcontractors include: TBD</p>		
References (existing safety plans, manuals, spec's, etc.)	[REMINDER – Update PAF to reflect a completed JSA. Place copy in PM/H&S folder.]		
Key Hazards (focus on highly hazardous tasks)	Exposure/contact with contaminated (VOCs, SVOCs, Metals, PCBs, Pesticides, and potentially ACM) materials/ impacted soil and groundwater, heat/cold stress, slips trips falls, overhead utilities, ground penetrating radar, hand-tool use, pedestrian interference or exposure to loud noises, spinning augers and other moving parts of drill rig, pinch points.		
Personal Protective Equipment Summary	<p><i>(additional safety equipment may be required for specific hazards identified in the following sections)</i></p> <p><input checked="" type="checkbox"/> Hard Hat <input checked="" type="checkbox"/> Safety Glasses <input checked="" type="checkbox"/> Safety Shoes <input checked="" type="checkbox"/> Cut-Resistant Gloves <input checked="" type="checkbox"/> Ear Protection</p> <p>Other (specify):</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> High Visibility Vests (required for work on roads and in many construction & remediation sites) <input checked="" type="checkbox"/> Ear Protection (heavy equipment, loud power tools, etc.) <input type="checkbox"/> Fall Protection Harness & Lanyard (falls >6') <input checked="" type="checkbox"/> Respiratory Protection (<input type="checkbox"/> N95 dust mask, <input checked="" type="checkbox"/> half face, <input type="checkbox"/> full-face) (as needed organic vapor/P100 cartridges per Action Levels described in further detail below) Cartridges to be changed out daily if used. <input type="checkbox"/> Tyvek or other chemical protective coverall: (when there is the potential for contact with contaminated materials / biological hazards.) <input type="checkbox"/> Face Shield and chemical goggles for chemical handling, line breaks, pressure washing <input checked="" type="checkbox"/> Nitrile Gloves (<input type="checkbox"/> Surgical Type and/or <input type="checkbox"/> "Dishwashing" Type) <input checked="" type="checkbox"/> Cut-resistant gloves are required when handling sharp or cutting materials/objects 		
Pre-Work Documentation & Certifications (Refer to JSA content for additional certifications and documentation that may be required.)	Documentation and Certifications		To Be Submitted or Provided By.....
	<input type="checkbox"/> Drug Testing (<input type="checkbox"/> alcohol testing is also required)		
	<input checked="" type="checkbox"/> Project Safety Plan or Job Safety Analysis (JSA)		Project Manager – Deborah Wright
	<input type="checkbox"/> Client/Facility Contractor Safety Orientation		
	<input checked="" type="checkbox"/> Project Safety Orientation (JSA Review)		O'Brien & Gere Site Safety Coordinator – A. DiNardo
	<input checked="" type="checkbox"/> Daily Safety Meetings (Daily Pre-Task Planner)		O'Brien & Gere Site Safety Coordinator – A. DiNardo
	<input checked="" type="checkbox"/> Verification of Hazwoper Medical Surveillance		O'Brien & Gere Site Safety Coordinator – A. DiNardo
<input checked="" type="checkbox"/> OSHA 40-hr Hazwoper w/ current 8-hr Refresher		On Site O'Brien & Gere and Subcontractor personnel	

PRE-WORK JSA FOR ENVIRONMENTAL INVESTIGATIONS

	<input checked="" type="checkbox"/> Respirator Training, Fit Test, and Resp. Medical	O'Brien & Gere and Drilling Contractor (TBD) (for persons working in Level C Work Areas)
	<input type="checkbox"/> Confined Space Entry Certification (necessary for permit-required entry or non-permit designations)	
	<input checked="" type="checkbox"/> Excavation Competent Person designation	Required for excavations at a depth of >4-ft. Excavation entry is not permitted at this depth.
	<input type="checkbox"/> Heavy Equipment "Acceptance Inspections"	
	<input type="checkbox"/>	
Permits & Inspections applicable to scope of work	<input type="checkbox"/> Confined Space Entry Permit <input type="checkbox"/> Hot Work Permit <input type="checkbox"/> Energized Electrical Work Permit (from sub)	<input checked="" type="checkbox"/> Daily Excavation Inspection Checklist <input type="checkbox"/> Daily Heavy Equipment Inspection Checklist <input type="checkbox"/>

Individuals must sign the "Pre-Work Briefing" form on the last page after reviewing this JSA.

HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
ELEVATED WORK	
<input checked="" type="checkbox"/> NA FALLS > 6' or within 15' of a ROOF OR MEZZANINE EDGE where the fall is >6'	<input type="checkbox"/> Existing Guardrails <input type="checkbox"/> Hole Covers Marked "HOLE" <input type="checkbox"/> Fall Restraint <input type="checkbox"/> Temporary Guardrails <input type="checkbox"/> Manlifts used for elevated work <input type="checkbox"/> _____ <input type="checkbox"/> Warning Line 15' from Edge <input type="checkbox"/> Fall Arrest w/ harness/lanyard (identify tie-off points) Fall Protection Comments (describe equipment used):
<input checked="" type="checkbox"/> NA LADDERS / STAIRS <input type="checkbox"/> Extension Ladders <input type="checkbox"/> Step Ladders <input type="checkbox"/> Fixed Ladders <input type="checkbox"/> Stairs	<input type="checkbox"/> Employees training in safe ladder use at toolbox safety meeting <input type="checkbox"/> Extension ladders are properly footed, secured at top, and setup at proper angle <input type="checkbox"/> Stepladders are set on level ground or properly shimmed with spreaders locked. <input type="checkbox"/> Stairs have proper rise over run and stairs >4 steps or 4' have guardrails. LADDERS/STAIRS COMMENTS:
EXCAVATIONS / TRENCHING	
<input type="checkbox"/> NA <input type="checkbox"/> Max Depth ≥ 20' <input checked="" type="checkbox"/> Max Depth ≥ 5' <input type="checkbox"/> Max Depth <5' with potential cave-in hazard <input type="checkbox"/> Potential permit-required confined space at depth ≥ 4' <input type="checkbox"/> Underground utilities <input type="checkbox"/> Structures/foundations <input type="checkbox"/> Falls into excavations <input checked="" type="checkbox"/> Other: A total of 49 test pits will be completed with a conventional rubber-tired backhoe capable of excavating 10-ft. to 15-ft. below grade	<input checked="" type="checkbox"/> Excavation Competent Person Name: <u>TBD</u> Company <u>TBD</u> <input type="checkbox"/> Sloping & shoring for excavations ≥20' are approved by a professional engineer <input checked="" type="checkbox"/> Sloping & shoring for excavations ≥5' when persons are exposed to cave-in. (specify below) <input checked="" type="checkbox"/> Sloping & shoring for shallow (<5') excavations with cave-in hazard (specify below) <input type="checkbox"/> O'Brien & Gere <i>Daily Excavation Checklist</i> to be completed by the Competent Person. <input type="checkbox"/> Excavations ≥ 4' are classified as a non-permit confined space <input type="checkbox"/> Excavations ≥ 4' are classified as Alternate Entry or Permit-Required (see confined space) <input checked="" type="checkbox"/> Underground utilities have been identified and marked. <input checked="" type="checkbox"/> Local "dig safe" organization has been notified for utility locations in public areas or rights of way. Number: _____ Date: _____ <input type="checkbox"/> Hand digging within 3' of utility locations. <input type="checkbox"/> Soft-dig/vacuum dig within ____' of utility locations. <input checked="" type="checkbox"/> Excavations are protected by perimeter fencing (not barricade tape): <input type="checkbox"/> rigid fence - chain link or wood <input type="checkbox"/> safety fence 6' from edge.) EXCAVATION COMMENTS: <ul style="list-style-type: none"> Subcontractor is responsible to provide an Excavation Competent Person to evaluate and maintain appropriate sloping and shoring) for excavations. OBG will also perform daily excavation inspections using the attached excavation checklist. O'Brien & Gere personnel shall not enter an excavation >4' deep unless walls are sloped so that persons can easily walk in or out of the excavation. O'Brien & Gere personnel will not enter excavations. Daily inspection will be performed to confirm that sloping or shoring meets OSHA requirements and is documented in writing using O'Brien & Gere's Daily Excavation Checklist. Unless a soil analysis is performed and

HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
	<p>documented on O'Brien & Gere's "Soil Analysis Checklist" (or equivalent), soil is assumed Type C with a required sloping of 1.5H:1V.</p> <ul style="list-style-type: none"> Excavations >4' deep which are not sloped so that persons can easily walk in or out will be classified as confined spaces. These excavations will be considered by O'Brien & Gere as permit-required confined space unless re-classified in accordance with O'Brien & Gere's confined space entry procedure. O'Brien & Gere's Corporate Health & Safety Manual section on Excavation will be reviewed by field personnel prior to start of work <i>Daily Excavation Checklist</i> to be used as a tool to evaluate & document entry conditions for O'Brien & Gere personnel. Contractor is responsible for utility clearance. Maintain a safe distance from moving/operating machinery during oversight of excavation. If a subsurface utility is contacted (e.g., electric or gas) notify appropriate emergency responders (if needed), utility company and project manager. Vacate area and equipment as needed for high hazard utilities (e.g., natural gas). Maintain a safe distance from edge of excavations at all times. When required to obtain confirmatory soil samples from/near excavations, access must be provided per OSHA requirements (i.e., suitable means of ingress/egress in stable excavation <4 feet in depth), and all equipment/machinery must cease operations in the immediate vicinity of the sampling, through the duration of the sampling. Although excavations >5' are not anticipated, should excavations >5' become necessary, they will be sloped as Type C soil at 1.5H:1V or a trench box installed. If a trench box is used, "tabulated data" for the trench box will be on site. The excavation contractor will notify O'Brien & Gere if depths >5' are necessary so that additional safety precautions can be reviewed with site personnel in a Toolbox Safety Meeting.

CONFINED SPACES

<p><input type="checkbox"/> No <u>Serious</u> Hazards</p> <p><input type="checkbox"/> Toxic Atmosphere</p> <p style="padding-left: 20px;"><input type="checkbox"/> carbon monoxide</p> <p style="padding-left: 20px;"><input type="checkbox"/> hydrogen sulfide</p> <p style="padding-left: 20px;"><input type="checkbox"/></p> <p><input type="checkbox"/> Flammable Atmosphere</p> <p><input type="checkbox"/> Low Oxygen</p> <p><input type="checkbox"/> Combustible dust</p> <p><input type="checkbox"/> Drowning - high water level or <u>potential</u> for sudden changes in flow or level</p> <p><input type="checkbox"/> Other Serious Hazard:</p> <p><input checked="" type="checkbox"/> NA</p>	<p><input type="checkbox"/> Confined space is altered so that it is no longer a confined space. (describe below)</p> <p><input type="checkbox"/> Confined space is downgraded to a non-permit confined space. (identify which spaces below)</p> <p><input type="checkbox"/> Alternate Entry is used. (Identify which space qualify for confined space entry below)</p> <p><input type="checkbox"/> Full permit-required confined space entry is used due to presence of serious hazards.</p> <p><input type="checkbox"/> Rescue team has been notified (<input type="checkbox"/> Paid FD <input type="checkbox"/> Volunteer FD <input type="checkbox"/> Plant Rescue)</p> <p>Rescue Team: _____ Phone Number: _____</p> <p><input type="checkbox"/> All entrants and attendants for Alternate Entry and Permit-Required Entry have confined space entry training.</p> <p><input type="checkbox"/> Refer to "Manual Lifting" section of this JSA for manhole cover removal safety.</p> <p>CONFINED SPACE COMMENTS:</p>
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OVERHEAD POWERLINES

<p><input type="checkbox"/> OVERHEAD POWER LINES</p> <p>_____ KV</p> <p>_____ ft above ground</p> <p>_____ KV</p> <p>_____ ft above ground</p> <p><input type="checkbox"/> NA</p>	<p><input type="checkbox"/> Request to de-energize lines will be submitted for work within 20' of power lines. Request sent to: _____ Date: _____</p> <p><input type="checkbox"/> No one will be permitted to work <10' to power lines without lines being de-energized.</p> <p><input checked="" type="checkbox"/> Project persons are informed of 20' safety zone around energized power lines.</p> <p><input type="checkbox"/> Project persons are informed of additional restrictions required when working ≤20' but >10':</p> <p style="padding-left: 20px;"><input type="checkbox"/> Dedicated spotter for all elevated work or operation of equipment that can contact lines</p> <p style="padding-left: 20px;"><input type="checkbox"/> Barricades setup at 20' from base of power lines to establish a "restricted work area."</p> <p style="padding-left: 20px;"><input type="checkbox"/> "Power Line Safety Permit" required to work within 20' of power lines.</p> <p style="padding-left: 20px;"><input type="checkbox"/> Power lines are shielded and/or marked with high visibility material</p> <p>POWER LINE COMMENTS:</p>
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HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
DRILLING / BORING - All self-propelled rigs including trailer-mounted drilling/boring equipment	
<p>Struck By, Run-Over, Caught In Between (pinch points), Roll Over, Hot Work (open flame) Fluid Leaks</p> <p><input checked="" type="checkbox"/> Drilling/Boring Rig: specify type(s) below: <u>Track/Truck mounted drill rig, hollow-stem auger</u> _____ _____</p> <p><input type="checkbox"/> NA</p>	<p><input checked="" type="checkbox"/> Qualified persons operate all drilling/boring equipment. Qualifications were determined by: <input checked="" type="checkbox"/> Work Experience Summary on company letterhead or email with company email address. <input type="checkbox"/> Other (describe): _____</p> <p><input checked="" type="checkbox"/> Equipment will be inspected upon mobilization by: <u>Drilling subcontractor</u>. NOTE - Inspections will include (but not be limited to) the following: leaks, defective safety equipment, and loose/unsecured parts that could fall during operation)</p> <p><input checked="" type="checkbox"/> Operators will be reminded of seatbelt use by: <u>OBG Site supervisor</u></p> <p><input checked="" type="checkbox"/> High visibility vests are required for: <u>all On-Site activities</u></p> <p><input checked="" type="checkbox"/> Cut-resistant gloves are required when handling cable, rods, and other sharp or "splintery" materials</p> <p><input checked="" type="checkbox"/> Chemical-resistant gloves and clothing are required while handling grout, cement, chemicals, or contaminated materials including soil or groundwater. (Refer to "Environmental Hazards" section for more information.)</p> <p><input checked="" type="checkbox"/> Operators and helpers will maintain a safe distance to moving parts. All those working near moving or rotating parts will secure loose hair, clothing, and equipment. All those working near the rods/casings are instructed to not put themselves in a position where they could get hurt if the rods/casings should turn or drop.</p> <p><input checked="" type="checkbox"/> Drill rods, casings, and other equipment will be stored neatly when not in use and secured to prevent them from falling on, or rolling into, site personnel.</p> <p><input checked="" type="checkbox"/> The area will be cleared of rope, cords, weed-block fabric, or similar material that could become wrapped around the auger, entangle someone and then pull them into the auger.</p> <p><input type="checkbox"/> Fall protection will be worn whenever (if) the drilling/boring mast must be climbed above 6'. (Tie-off Points are specified: <input type="checkbox"/> in "Comments" below <input type="checkbox"/> in the "Fall Protection" section)</p> <p><input type="checkbox"/> Masts located within 20' of an overhead power line will only be lowered or raised with a dedicated spotter. (Refer to the "Overhead Powerlines" section of this JSA for additional safety precautions)</p> <p><input checked="" type="checkbox"/> Drill rigs will only be moved with masts lowered.</p> <p><input checked="" type="checkbox"/> Masts will be erected with outriggers fully extended when equipped with outriggers.</p> <p><input checked="" type="checkbox"/> Outriggers will be placed on a firm, stable surface or will be cribbed to prevent sinking of outriggers and collapse of the drilling/boring rig.</p> <p><input type="checkbox"/> Drilling on sloped surfaces will be conducted such that the drilling/boring equipment remains stable and otherwise in accordance with requirements outlined below in Drilling/Boring comments.</p> <p><input checked="" type="checkbox"/> Damage to underground utilities will be prevented by cribbing outriggers to spread the load or relocated outriggers so they are not placed on utilities.</p> <p><input checked="" type="checkbox"/> Procedures for responding to natural gas emissions (explosive vapors) are: <input checked="" type="checkbox"/> Outlined in "Comments" below. <input type="checkbox"/> Outlined in an attached procedure.</p> <p><input type="checkbox"/> Procedures for drilling/boring from a barge or otherwise working over water are: <input type="checkbox"/> Outlined in "Comments" below. <input type="checkbox"/> in the "Working Over Water" section.</p> <p><input checked="" type="checkbox"/> Drilling/boring equipment will be de-energized and locked-out prior to maintenance.</p> <p><input checked="" type="checkbox"/> Site personnel working in the area surrounding the drilling/boring rig have will be informed where the emergency shutoff in the event of an emergency. Specify the location of the shutoff in the "Comments" section below.</p> <p><input checked="" type="checkbox"/> Spill equipment is available for fuel and hydraulic fluid leaks. Location; <u>Driller Site vehicle</u></p> <p>DRILLING/BORING COMMENTS: If a subsurface facility is contacted (e.g., electric or gas) notify appropriate emergency responders (if needed), utility company and project manager. Vacate area and equipment as needed for high hazard utilities (e.g., natural gas) . Keep distance from rig while operating on slopes; NEVER be downhill of rig while it is in operation/on a slope (e.g. soil berm).</p>
HEAVY EQUIPMENT (other than cranes)	
<p><input type="checkbox"/> Struck By, Run-Over, Caught In Between (pinch points), Roll</p> <p><input type="checkbox"/> NA</p>	<p><input checked="" type="checkbox"/> Qualified persons operate all heavy equipment. Qualifications were determined by: <input type="checkbox"/> Work Experience Summary on company letterhead or email w/ company email</p>

HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
<p>Over, Fluid Leaks</p> <p><input type="checkbox"/> Excavator</p> <p><input type="checkbox"/> Dump Truck</p> <p><input checked="" type="checkbox"/> mini Skid Steer (bobcat)</p> <p><input type="checkbox"/> mini Excavator</p> <p><input type="checkbox"/> Gator/Off-Road Vehicle</p> <p><input checked="" type="checkbox"/> Other: <u>Field Vehicle</u></p> <p><input checked="" type="checkbox"/> Other: <u>Bulldozer, backhoe</u></p> <p><input type="checkbox"/> Manlift - specify type(s):</p>	<p>address.</p> <p><input checked="" type="checkbox"/> Other (describe): <u>Work experience verified by subcontractor.</u></p> <p><input type="checkbox"/> "Acceptance Inspection" for heavy equipment upon mobilization documented on an inspection checklist by: _____ (Mgmt representative).</p> <p><input type="checkbox"/> Daily Heavy Equipment Inspections by Operators documented on an inspection checklist</p> <p><input type="checkbox"/> Preventative Maintenance performed on all heavy equipment on site >30 days (required)</p> <p><input checked="" type="checkbox"/> Operators are required to wear seatbelts for all equipment provided with seatbelts.</p> <p><input checked="" type="checkbox"/> High visibility vests are required for: <u>All on Site work.</u></p> <p><input type="checkbox"/> Operators will review manufacturer's safety guidelines for all equipment operated on slopes including Gators® and similar ATVs/4x4's. (In the "Comments" section below, specify the maximum slope for each piece of equipment that will be operated on slopes. This may be completed upon mobilization.)</p> <p><input type="checkbox"/> Dump trucks, 4x4's, or other haul vehicles will not be loaded beyond manufacturer capacities or weight limits established by state and local authorities for transportation.</p> <p><input type="checkbox"/> Counterweight swing radius will be barricaded.</p> <p><input type="checkbox"/> Spotters are required when trucks or other heavy equipment are backing up. Clarify procedure in "Comments" below.</p> <p><input checked="" type="checkbox"/> Operators and helpers will maintain a safe distance to moving parts. All those working near moving or rotating parts will secure loose hair, clothing, and equipment.</p> <p><input type="checkbox"/> Fall protection will be worn by all those in manlifts (scissor lifts are excepted: <input type="checkbox"/> Yes <input type="checkbox"/> NO)</p> <p><input checked="" type="checkbox"/> Spill equipment is available for fuel and hydraulic fluid leaks. Location; <u>Subcontractor vehicle/ field support vehicle.</u></p> <p>HEAVY EQUIPMENT COMMENTS:</p> <p>Personnel to remain upwind of heavy equipment exhausts whenever possible.</p> <p>Locations will be inspected prior to mobilization of the heavy equipment.</p> <p>Sloped areas, saturated ground surfaces and heavily rutted areas will be avoided if possible.</p> <p>Personnel should exercise extreme caution in the vicinity of operating equipment and machinery to avoid physical injury to themselves or others.</p> <p>Cell phones will not be used while operating heavy equipment and machinery or by workers on the ground in the area of heavy equipment and machinery operations to avoid physical injury to themselves or others.</p>

POWER TOOLS, HAND TOOLS, and EXTENSION CORDS

<p><input type="checkbox"/> NA</p> <p>eye injury, hand/arm cuts, electrical shock, strains, foot injuries, dust</p> <p><input checked="" type="checkbox"/> Misc Handtools (shovels, hammers, trowels, etc.)</p> <p><input checked="" type="checkbox"/> Chainsaws (Clearing & Grubbing)</p> <p><input checked="" type="checkbox"/> Sharp hand-tools (knives, cutters, scissors)</p> <p><input type="checkbox"/> Electrofishing (Fish Shocking) Equipment</p> <p><input checked="" type="checkbox"/> Hand Augers - Iwan or Spiral type</p> <p><input checked="" type="checkbox"/> Hand Sampler - Split Spoon or Thin Wall</p> <p><input type="checkbox"/> Hand Probe (GeoProbe) with ____ lb weight</p> <p><input type="checkbox"/> Manual Cathead Hoist with ____ lb weight</p> <p><input type="checkbox"/> Motorized Cathead Hoist with ____ lb weight</p> <p><input type="checkbox"/> Light-weight Motorized Auger drills (not truck-mounted)</p>	<p><input checked="" type="checkbox"/> All tools and electrical cords in-use will be inspected daily by:</p> <p><input checked="" type="checkbox"/> Users <input type="checkbox"/> Site Supervisor/Safety Coordinator <input type="checkbox"/> Other: _____</p> <p><input checked="" type="checkbox"/> Only the right tools will be used in a manner for which they were designed.</p> <p><input checked="" type="checkbox"/> GFCIs will be used on all extension cords and 120v power tools.</p> <p><input checked="" type="checkbox"/> All extension cords are in good condition with no cuts through outer insulation, ground plugs are present, and no "vinyl tape" repairs. (Only <u>12 gauge</u> extension cords may be repaired.)</p> <p><input type="checkbox"/> Face shield and chemical goggles used required for chemical splash hazards</p> <p><input checked="" type="checkbox"/> Face shield and safety glasses required for all chain saws, weed trimmers, and similar tool</p> <p><input checked="" type="checkbox"/> Kevlar chaps and jacket are required for all chainsaw work.</p> <p><input type="checkbox"/> Kevlar chaps are required for chop saws, weed trimmers with blades, and similar tools</p> <p><input checked="" type="checkbox"/> Cut-resistant gloves are worn whenever cutting tools are used.</p> <p><input type="checkbox"/> Safety cutters or scissors are required for all cutting activities (no fixed-blade knives).</p> <p><input checked="" type="checkbox"/> Hearing protection required for which tools or areas: <u>Power tools/ equipment that generates sustained noise over 85 db.</u></p> <p><input checked="" type="checkbox"/> All hand augers and sampling probes will be inspected and verified to be in good conditions with ALL parts required by the manufacturer. Inspections will be completed by:</p> <p><input checked="" type="checkbox"/> Users <input type="checkbox"/> Site Supervisor/Safety Coordinator <input type="checkbox"/> Other: _____</p> <p><input type="checkbox"/> Persons using sampling probes equipped with manual slide hammers are physically capable of handling the weight without difficulty and keep hands clear of pinch-points.</p> <p><input type="checkbox"/> Persons using manual and motorized cathead hoists have been trained on how to operate them in accordance with manufacturer guidelines. (Identify qualified persons by name in the "Comments" Section below.)</p>
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HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
<input type="checkbox"/> Manhole Lifting Devices (specify in Comments) <input type="checkbox"/> Other (specify):	<input type="checkbox"/> Electrofishing equipment will be inspected and verified to be in good conditions with ALL parts required by the manufacturer and exterior cords have no cuts through outer insulation and no "vinyl tape" repairs. Inspections will be completed by: <input type="checkbox"/> Users <input type="checkbox"/> Site Supervisor/Safety Coordinator <input type="checkbox"/> Other: _____ <input type="checkbox"/> Persons using Electrofishing Equipment have been trained on how to operate it in accordance with manufacturer guidelines. (Identify qualified persons by name in the "Comments" Section below.) <input type="checkbox"/> Electrofishing will be discontinued if the public approaches within 100' <input type="checkbox"/> Electrofishing boats will be marked with " Danger Electricity " signs (or equivalent) that can be read at a distance of 150' . <input type="checkbox"/> All electrofishing team members wear electrically-rated rubber gloves that are inspected daily by users and replaced every 6 months. Use leather or other cut-resistant gloves to protect the rubber gloves. (Similar to NFPA 70E requirements.) <input type="checkbox"/> All electrofishing team members wear chest or hip waders to insulate the wearer from electrical shock. <input type="checkbox"/> Net handles for nets used during electrofishing will be nonconductive and long enough to keep hands out of the water. <input type="checkbox"/> The positive electrode (anode) on portable electroshockers is equipped with a manual switch that stops the current when released and is not "bypassed" with a hold-down mechanism (i.e., tape) <input type="checkbox"/> At least two (2) persons on each Electrofishing boat or location are trained in CPR . <input type="checkbox"/> All persons involved in electrofishing know the location of the emergency shutoff switch . <input type="checkbox"/> Backpack electrofishing equipment is equipped with a tilt switch that stops the current if the operator falls. POWER TOOLS, HAND TOOLS & AUGERS, EXTENSION CORDS, & ELECTROFISHING COMMENTS: Anticipated tools to be used may include but are not limited to: hammers, wrenches, screwdrivers, power drills/impact drivers, knives/cutting implements, pry bars, shovels, drum dollies, hand auger, hand sampler. OBG personnel will not operate chainsaws; however, subcontractors should be reminded of safe operating practices. Use care when using utility knife or box cutter to open coolers, sample jar boxes etc. Use of open blade knife or box cutter should be avoided and alternatively an appropriate tubing cutter and scissors should be available in the on-site tool kit.

WORKING OVER/NEAR WATER OR ON ICE

<input type="checkbox"/> drowning, hypothermia (winter months), spills to surface waterways, fall through ice <input type="checkbox"/> Barge-mounted drilling/boring rigs <input type="checkbox"/> Sampling from a boat <input type="checkbox"/> Boat required for site access <input type="checkbox"/> Work on an ice covered body of water <input checked="" type="checkbox"/> Other: Working nearby water, Genesee River NOTE – See “Walking Surfaces” section of JSA for slipping hazards on icy surfaces.	<input type="checkbox"/> 100% Fall Protection while working over water or when otherwise exposed to a drowning hazard. (Describe how fall protection will be implemented, Tie-off points, and the equipment that will be used. <input type="checkbox"/> in "Comments" below <input type="checkbox"/> in the "Fall Protection" section) <input type="checkbox"/> A " safety observer " will remain on shore with the ability to contact emergency response personnel and communicate with those on boats/barges. <input type="checkbox"/> USG-approved flotation vests will be used. <input type="checkbox"/> Ring-buoy with 90' of rope and placed within 100' of site personnel. <input type="checkbox"/> Rescue skiff will be staged such that one person can immediately launch the skiff. <input type="checkbox"/> At least one person will be available to launch and operate the rescue skiff. NOTE - "Safety Observer" may launch rescue skiff after making emergency response notification(s). <input type="checkbox"/> Ice Safety - Core samples will be taken every 100' on lakes or 50' on rivers to evaluate the thickness and quality of ice (i.e., <i>clear/blue ice</i> = best quality, <i>white/opaque ice</i> = moderate quality/use caution, <i>gray/slushy ice</i> = poor quality/unsafe). <input type="checkbox"/> Ice Safety - Conservative load estimates are established for static and/or moving loads as appropriate for the type of work being conducted. Load estimates are explained: <input type="checkbox"/> in "Comments" below <input type="checkbox"/> in an attached document <input type="checkbox"/> Spill Control - Floating booms will be used around barges, shore-based heavy equipment, or other locations where hydraulic fluid may leak from equipment into surface water. <input type="checkbox"/> Spill Control - Silt curtains will be suspended below floating booms.
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HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
	<input type="checkbox"/> Boats and Barges will not be operated above their weight capacity . <input type="checkbox"/> Boats and barges operated (or potentially operated) in bad weather will be operated below their weight capacity by _____% (suggest at least 25%). <input type="checkbox"/> Boat and barge emergency calls - Weather resistant radios that broadcast on Coast Guard frequencies (Channel 16 VHF/FM or 2182 MHZ) will be available for emergency calls. <input type="checkbox"/> Boat or barge-based operations will be discontinued when NOAA issues a small craft advisory or when sustained wind speeds of 20 mph are observed and create dangerous wave or boat/barge handling conditions. <input type="checkbox"/> NOAA Weather Radio Receiver will be used to monitor weather conditions that may affect boat or barge-based activities. WORKING NEAR WATER COMMENTS: Care will be taken to ensure workers do not cross over wall between Site and the River.

MANUAL MATERIAL HANDLING & STORAGE / HOUSEKEEPING / WALKING SURFACES
 (includes manhole covers, heavy lifting, slippery surfaces, and steep slopes)

<input type="checkbox"/> NA	back or shoulder strain, struck by falling objects, trips and falls, incompatible materials (fire or explosion) <input checked="" type="checkbox"/> heavy manual lifting (>50 lbs) <input type="checkbox"/> chemical storage <input checked="" type="checkbox"/> compressed gas storage <input type="checkbox"/> Tall storage greater than 2 pallets stacked. <input checked="" type="checkbox"/> Material & equipment laydown areas <input checked="" type="checkbox"/> Trash & debris removal <input type="checkbox"/> Manhole Cover Removal <input checked="" type="checkbox"/> Tripping Hazard (cords, hoses, uneven surfaces) <input checked="" type="checkbox"/> Slipping Hazard (icy, muddy, oily, etc.) <input checked="" type="checkbox"/> Steep sloped surfaces	<input checked="" type="checkbox"/> Mechanical lifting equipment used to reduce manual material handling: (<input type="checkbox"/> Forklift/Lull <input checked="" type="checkbox"/> Heavy Equipment <input checked="" type="checkbox"/> Dolly <input type="checkbox"/> _____) <input checked="" type="checkbox"/> Manual lifting more than 75 lbs by a single person will be avoided. <input type="checkbox"/> Good manual lifting techniques will be reviewed with the following trades/persons prior to site work: _____ <input type="checkbox"/> Incompatible chemicals will be separated by 20' or a concrete block wall. <input type="checkbox"/> Secondary containment will be provided for the following chemicals: _____ <input type="checkbox"/> Safety equipment will be located near chemical storage. <input type="checkbox"/> Spill Kit <input type="checkbox"/> Emergency Shower <input type="checkbox"/> Eyewash <input type="checkbox"/> Drench Hose <input type="checkbox"/> Splash PPE <input type="checkbox"/> Flammable gases and oxygen will be separated by 20'. <input checked="" type="checkbox"/> All compressed gas cylinders will be transported vertically and secured upright. <input checked="" type="checkbox"/> Equipment and materials will be stacked in laydown areas with aisles as necessary for safe access. All un-used equipment & materials will be returned to laydown areas daily. Designated laydown areas: _____ <input type="checkbox"/> Materials will not be stacked greater than 2 pallets high without being secured. <input checked="" type="checkbox"/> Trash and debris will be removed daily and placed in designated containers. Specify debris segregation and location of disposal containers in field book, daily. Any trash or debris not originating from investigation/sampling work is to be left on-site. <input type="checkbox"/> Hoses & Cords will be run out of walkways (e.g., within 6" of walls or 7.5' overhead) <u>whenever possible</u> or will be clearly marked by cones or barricades. <input type="checkbox"/> All chemical containers will be labeled per Hazard Communication requirements. <input type="checkbox"/> Manhole covers will ONLY be removed with tools specifically designed to remove them including J-hooks that are at least 30" long. No pry bars, shovels, or screw drivers. <input type="checkbox"/> "Stuck" manhole removal equipment and procedures are described in "comments." <input type="checkbox"/> "Paved-over" manhole removal equipment and procedures are described in "comments." <input checked="" type="checkbox"/> Slippery surface – work area inspected for icy surfaces which will be salted/sanded. <input checked="" type="checkbox"/> Slippery surface –YakTrax® or similar slip-on traction devices will be used for icy areas. MATERIAL HANDLING & HOUSEKEEPING COMMENTS: Proper lifting techniques will be employed (e.g., two-man lift, bending at the knees, limited pivoting at the waist). Heavy manual lifting may include but is not limited to: generators, submersible pumps/control boxes.
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ROADWAY, RAILROAD, & SIDEWALK OBSTRUCTION

<input type="checkbox"/> NA	<input type="checkbox"/> Vehicle accidents <input checked="" type="checkbox"/> Pedestrians struck by vehicles or heavy equipment <input checked="" type="checkbox"/> Pedestrians falls <input checked="" type="checkbox"/> Pedestrian struck-by falling objects	<input type="checkbox"/> DOT signal devices will be used to re-route vehicles around excavations or busy site entrances/exits that affect road traffic. <input type="checkbox"/> Roadway Flaggers will be used and have DOT Flagger Training <input type="checkbox"/> Procedures for work vehicles to enter/exit traffic work zones are required when work zones are setup in high speed roadways or when potential blind-spots exist. Explain in "Comments." <input checked="" type="checkbox"/> Pedestrian traffic will be safely routed around or over excavations. Cone and/or signs will
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HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
<input type="checkbox"/> Railroad accidents	<p>be posted to indicate construction activities.</p> <input checked="" type="checkbox"/> Pedestrian traffic will be safely routed around or under overhead work. Cone and/or signs will be posted to indicate construction activities. <input type="checkbox"/> Railroad owner notified for permission to work on the railroad right-of-way. <input type="checkbox"/> Railroad flagger is required for work in the right-of-way. <input type="checkbox"/> Equipment, materials, and personnel may not be closer than 15' to the nearest railroad rail if the railroad flagger or the flagger's signal is not visible. <input type="checkbox"/> Derailer(s)/bumper(s) will be installed on railroad tracks to isolate the work area. <p>ROADWAY, RAILROAD, & SIDEWALK COMMENTS: Encountering pedestrians on/nearby the walking trails are a possibility. Signage and/or cones will be used to detour pedestrians if drilling is to be performed in/near trail way. Cones are required around drill rig to warn pedestrians if in an active walking area. Any persons loitering will be asked to leave the Site. If loitering continues or suspicious activity takes place- call 911 to have disturbance removed.</p>

BIOLOGICAL HAZARDS

<p>Infection, Lyme Disease, West Nile Virus, Eastern Equine Encephalitis (EEE), Severe Rash, Allergic Reaction, Venom effects</p> <input checked="" type="checkbox"/> Ticks <input checked="" type="checkbox"/> Mosquitoes (EEE, WNV, etc) <input type="checkbox"/> Venomous Snakes <input type="checkbox"/> Venomous Spiders <input checked="" type="checkbox"/> Poison Ivy, Oak, or Sumac <input checked="" type="checkbox"/> Bees & Wasps <input type="checkbox"/> Fire Ants <input type="checkbox"/> Other (identify below): <p><input type="checkbox"/> NA</p>	<input checked="" type="checkbox"/> Use DEET (25%-98%) repellent on skin for protection against mosquitoes, ticks, and similar insects. Use higher concentrations for heavily infested areas. <input checked="" type="checkbox"/> Use Permethrin repellent on clothing in areas heavily infested with ticks, chiggers, etc. <input type="checkbox"/> Persons working in tick-infested overgrown areas instructed to wear spun-poly or Tyvek coveralls [required for all persons in ESR and working in the NE region plus NJ, & PA.] <input type="checkbox"/> Persons returning from work in tick-infested areas instructed to perform periodic field checks for ticks and a thorough tick inspection as soon as they get home. <input type="checkbox"/> Employees (only) instructed to call WorkCare for embedded ticks from fieldwork. <input type="checkbox"/> All site personnel will be instructed on how to identify poison ivy, sumac, and oak . (O'Brien & Gere Field Identification Guide or equiv. has been posted? <input type="checkbox"/> YES <input type="checkbox"/> NO) <input type="checkbox"/> Poison ivy barrier creams (e.g., Ivy Block) will be used on exposed skin prior to the workday. <input checked="" type="checkbox"/> Poison ivy neutralizing wipes or rubbing alcohol will be used on hands and exposed skin following work activities or incidents where contact with poison ivy/oak/sumac is suspected. <input checked="" type="checkbox"/> Protective coveralls (such as Tyvek™) will be used to prevent contact with ticks or poison ivy. <input type="checkbox"/> All site personnel will be instructed on how to identify venomous snakes indigenous to the area. List venomous snakes of concern in the "Comments" section below. (O'Brien & Gere Field Identification Guide or equiv. has been posted? <input type="checkbox"/> YES <input type="checkbox"/> NO) <input type="checkbox"/> All field personnel with a potential to encounter venomous snakes will wear: <input type="checkbox"/> Snake Chaps AND/OR <input type="checkbox"/> High Leather Safety Boots (NOT ankle-high boots/shoes) <input type="checkbox"/> All site personnel will be instructed on how to identify venomous spiders indigenous to the area. List venomous spiders of concern in the "Comments" section below. (O'Brien & Gere Field Identification Guide or equiv. has been posted? <input type="checkbox"/> YES <input type="checkbox"/> NO) <input checked="" type="checkbox"/> Site personnel with known allergies to bee/wasp stings, fire ant bites, or other insect bites carry an "EpiPen" or equivalent medication prescribed for treating allergic reaction. <p>BIOLOGICAL HAZARDS COMMENTS: Use of DEET or Permethrin will be voluntary and based on need. Site Safety Coordinator will be notified by personnel with allergies. <u>Deer Ticks:</u> Early summer in wooded areas is prominent for ticks. All employees must wear tick-repellent clothing and chemical repellent during on-site work. Work in tick infested areas requires DEET (>20%) on skin around the ankles, cuffs, neck, etc. and permethrin on outer clothing.</p>
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HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
	<div data-bbox="544 199 1055 577" data-label="Image"> </div> <ol style="list-style-type: none"> 1. Avoid/ minimize time spent in tall grassy and woodland areas with rank vegetation and leaf litter. If possible, keep tall grassy weeds trimmed away from regular work sites and stay on trails or roads to avoid brushing the tips of tall grass. 2. Wear long sleeved shirts, long pants tucked into socks, elastic gaiters wrapped around where pants and boots meet, boots, and a hard hat or hood. 3. Applying insect repellent containing greater than or equal to 20% DEET to skin will help repel ticks & mosquitoes. The most effective tick repellent is a permethrin-based spray (such as Repel, Permanone, or similar preparation) applied to outer clothing & allow to dry overnight. Do not apply Permethrin spray to skin. Use both in combination in heavily infested areas. 4. Check and shake clothing before entering a vehicle or building. Also check your hairline. If ticks are encountered, remove them with some sort of sticky tape or tick remover. 5. Shower as soon as possible when leaving the field & check hairlines, arm pits, crotch, ankles & between toes for ticks. 6. If a tick is attached to your skin, grasp tick close to skin with proper tick removal tools. Pull tick straight out, use antiseptic on skin, disinfect tweezers, & wash hands thoroughly. 7. Do not grasp, squeeze or twist body of the tick. Do NOT use a match or coat the tick with nail polish or paint or other material in an attempt to remove it. 8. Always see a physician for possible diagnosis, testing & treatment as soon as possible if you suspect the tick as been embedded >48 hours. 9. Improper tick removal increase chances of infection. 10. Report embedded ticks. (Don't worry...they are not treated as an "incident" unless subsequent infection or disease occurs.) <p><u>Bee Sting Treatment:</u></p> <ol style="list-style-type: none"> 1. Remove the stinger. Don't use tweezers, use a dull straight edge. 2. Use a cool compress or ice. 3. Minimize allergic reaction by using Benadryl, see a Doctor if severe allergic reaction occurs. <p><u>Poison Ivy:</u></p> <div data-bbox="544 1522 852 1827" data-label="Image"> </div> <p>Avoid contact with poison ivy plants and apply barrier cream (e.g., Ivy Block) prior to work if needed. Clean exposed skin immediately with IPA or appropriate ivy wipes if contact has been made. Use cold water rinse. Warm soapy water should not be used to wash the suspect contact area as soap spreads the toxin.</p>

HAZARD	HAZARD CONTROLS (check all that apply and comment as required)														
ENVIRONMENTAL HAZARDS / HAZARDOUS WASTE SITE WORK															
<p>Exposure to hazardous vapors or dust, contact with contaminated materials, fire, explosion.</p> <p>Contaminants of Concern and hazardous chemicals include:</p> <p><input checked="" type="checkbox"/> volatile organic compounds (describe: <u>compounds associated with former oil refinery operations including crude oil, kerosene, naphtha, finished lubricants</u>)</p> <p><input checked="" type="checkbox"/> semi-volatile organic compounds (describe: <u>compounds associated with former oil refinery operations including crude oil, kerosene, naphtha, finished lubricants</u>)</p> <p><input checked="" type="checkbox"/> metal dusts (describe: _____)</p> <p><input checked="" type="checkbox"/> PCBs</p> <p><input type="checkbox"/> Caustic (NaOH)</p> <p><input type="checkbox"/> Acid (H2SO4, HCL)</p> <p><input checked="" type="checkbox"/> Pesticides</p> <p>(many other hazardous waste site hazards are covered elsewhere in this JSA)</p> <p><input type="checkbox"/> NA</p>	<p><input checked="" type="checkbox"/> Site workers with a potential for contact with contaminated materials and work in Level C PPE will have OSHA 40-hour training, current 8-hour refresher, and medical exam.</p> <p><input checked="" type="checkbox"/> Site workers with minimal contact with contaminated materials and no work in Level C PPE will have OSHA 40-hour OR 24-hour training, current 8-hour refresher, and medical exam.</p> <p><input type="checkbox"/> Foremen or Supervisors overseeing field crews will have 8-hour OSHA Supervisor training.</p> <p><input type="checkbox"/> No intrusive work activities or areas are anticipated with current scope of work.</p> <p><input checked="" type="checkbox"/> Intrusive work activities include: <u>Test pitting, soil boring advancement, surface soil sampling, groundwater monitoring well installation.</u></p> <p><input checked="" type="checkbox"/> The perimeter of intrusive work areas are identified by: <u>OBG Site Safety Coordinator</u></p> <p><input type="checkbox"/> Decontamination of personnel or equipment is <u>not</u> anticipated with the current scope of work.</p> <p><input checked="" type="checkbox"/> Decontamination of personnel and small tools will be conducted as follows: <u>Alconox followed by a potable water rinse</u></p> <p><input checked="" type="checkbox"/> Decontamination of heavy equipment will be conducted as follows: <u>Alconox followed by a potable water rinse and/or steamcleaning</u></p> <p><input checked="" type="checkbox"/> Heavy equipment leaving the site will be inspected by: <u>OBG On-Site Field Staff</u></p> <p><input type="checkbox"/> Work area air monitoring is not anticipated with the current scope of work.</p> <p><input checked="" type="checkbox"/> Work area air monitoring will be conducted per attached air monitoring plan.</p> <p><input checked="" type="checkbox"/> Work Area Air Monitoring as follows for: <input checked="" type="checkbox"/> Dust, <input checked="" type="checkbox"/> VOCs, <input type="checkbox"/> Other: _____</p> <p>Description: _____</p> <table border="1" data-bbox="584 945 1453 1596"> <thead> <tr> <th>VOC Action Levels¹</th> <th>Description & Response Actions</th> </tr> </thead> <tbody> <tr> <td><5 ppm</td> <td>1. <u>Level D PPE</u> (General PPE as required in this JSA) 2. <u>Work may continue.</u></td> </tr> <tr> <td>≥5 ppm</td> <td>1. <u>STOP work.</u> 2. 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HAZARD	HAZARD CONTROLS (check all that apply and comment as required)
	<p>ENVIRONMENTAL & CHEMICAL HAZARD COMMENTS:</p> <p>To minimize potential exposure to COCs, disposable gloves will be worn.</p> <p>Wells will be allowed to vent prior to initiating testing activities to minimize potential exposure to COCs that may have built up in the air inside the well.</p>
<p>OTHER HAZARDS & CONTROLS not addressed in other sections of this JSA</p>	
<p><input type="checkbox"/> NA</p>	<p><input checked="" type="checkbox"/> Heat Stress</p> <p><input checked="" type="checkbox"/> Cold Stress</p> <p><input checked="" type="checkbox"/> Asbestos</p> <p><input checked="" type="checkbox"/> Site workers will be trained to recognize the symptoms of heat/cold stress.</p> <p><input checked="" type="checkbox"/> Work/rest regimens will be employed by as necessary so that personnel do not suffer adverse effects from heat/cold stress.</p> <p>ASBESTOS</p> <ul style="list-style-type: none"> Asbestos containing material (ACM) was identified in subsurface fill/debris encountered on the adjoining off-Site parcel identified as 15 Flint Street. As such, there is the potential that ACM could be encountered on the Site. A New York State-certified ACM inspector will respond to the Site if suspect ACM is observed during subsurface activities including soil boring advancement and test pit excavation. If suspect ACM is identified, work shall be halted in the vicinity and appropriate measures will be discussed with the City DEQ Project Manager and NYSDEC Project Manager. A scope of work addendum will be prepared and implemented in accordance with New York State Department of Labor (NYS DOL) regulations to address the ACM. The following will apply for purposes of Health and Safety related to removal of the debris identified to contain suspect ACM and ACM: A certified asbestos abatement contractor will be required to excavate the debris areas identified to contain suspect ACM and ACM. An exclusion zone specific to the asbestos abatement work (i.e., the project Work Area, as defined and regulated under 12 NYCRR Part 56) will be established during the excavation of debris that contains suspect ACM and during asbestos abatement. Per 12 NYCRR Part 56, the asbestos Work Area is a regulated work area and shall be accessed by certified personnel only. OBG personnel shall not enter this Exclusion Zone during excavation and abatement work. The Work Area will be labeled and monitored in accordance with 12 NYCRR Part 56 by the Contractor and/or the Project Monitor.

EMERGENCY RESPONSE

(911 Service is Available Yes No Cell Phone Required Yes No)

Alternate Emergency Number (if not "911"): N/A

Site Address: Various: 1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place; 102 Violetta Street; and 1320 S. Plymouth Avenue

Muster Point in case of site evacuation: TBD at Start of Field Activities

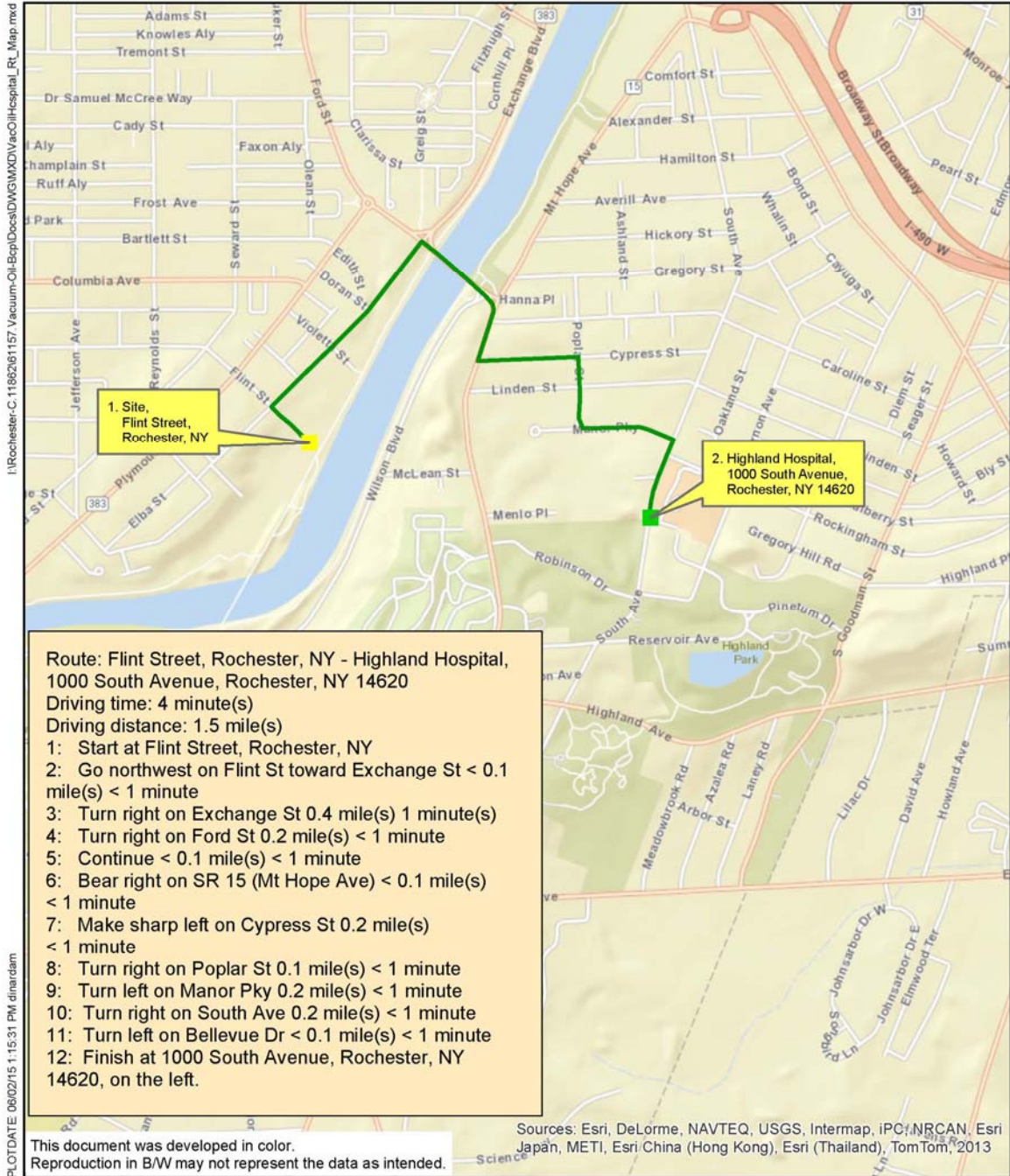
Emergency Medical Treatment - Hospital Name:	Highland Hospital	Number:	585-341-6880
Hospital Address:	1000 South Avenue, Rochester, NY		
Non-Emergency Med. Treatment - Clinic Name:	Finger Lakes Occupational Health	Number:	585-244-4771
Occupational Clinic Address:	2180 Clinton Ave S, Rochester, NY		
Minor Injury Support for OBG Employees:	WorkCare Incident Intervention	Number:	888-449-7787
Fire Department Name	Rochester Fire Department	Number:	585-428-7485
Spill Response:	NYS Emergency Response Spill Hot Line	Number:	800-457-7362 585-226-5433
Client Representative Name:	Joseph Biodolillo City of Rochester	Office Number:	585-428-6649
		Cell Number:	585-314-1617
O'Brien & Gere Project Manager Name:	Deborah Wright	Office Number:	315-956-6377
		Cell Number:	315-546-4541
O'Brien & Gere Corporate H&S Name:	Jeff Parsons	Office Number:	315-956-6070
		Cell Number:	315-391-0638
Contact Name:	Anthony DiNardo	Office Number:	585-295-7707
		Cell Number:	716-982-9838
Contact Name:		Office Number:	
		Cell Number:	

EMERGENCY RESPONSE COMMENTS:

1. NOTIFICATIONS - Upon occurrence of any injury, fire, explosion, major spill (beyond incidental), property damage >\$1,000, or near-miss that could have resulted in a fatality or disabling injury, **IMMEDIATELY NOTIFY** the O'Brien & Gere Project Manager, O'Brien & Gere Manager of Corporate H&S, and the Client Representative.
2. WRITTEN REPORT - Complete an *Incident Report* within **24 hours** and submit to the O'Brien & Gere Manager of Corporate H&S for review. Report may be submitted as a "draft" or "preliminary" and updated as additional information is identified.
3. INJURY RESPONSE
 - First aid injuries will be handled on site with FA-trained personnel. First aid and CPR supplies are located: Field Vehicle.
 - **All O'Brien & Gere employees will call WorkCare for minor injuries** that include any strains, cuts for which an employee is not confident that a band aid is sufficient, tick/insect bites for which the employee is concerned about infection or Lyme, any other work-related injury for which the employee would like to talk to a WorkCare medical professional regarding proper treatment or follow-up.
 - **WorkCare posters must be posted at each job site with a field office or trailer.**
 - Minor (not life threatening) injuries that require medical attention will be treated at the "Non-Emergency Med Treatment" clinic identified above **unless an alternate clinic is recommended by WorkCare**. If no clinic is available or identified, then default to the "Emergency Medical Treatment" facility.
 - Life Threatening injuries are an emergency and require implementing emergency response (911 or alternate).
4. FIRE or EXPLOSION
 - Incipient stage (trash can size) fires may be handled by site personnel using fire extinguishers or hoses.
 - Larger fires will require that affected personnel are evacuation to the identified muster point and implementing emergency response (911 or alternate).
5. SPILL RESPONSE
 - Major spills that exceed the available supplies and resources to safely control and cleanup will require contacting an off-site spill responder indicated above for "Spill Response" and in accordance with existing site spill response plans. If a specific spill responder is not identified, a large spill will require implementing emergency response (911 or alternate).
 - Review available spill control and prevention plans that may be applicable to the work area. Ensure project personnel are familiar with plan requirements.
 - Minor or incident spills will be cleaned up by site personnel using supplies that are located: _____.
 - The site owner will make notifications for reportable spills unless O'Brien & Gere is authorized to make those notifications.
6. POSTING - Emergency numbers and Hospital Route Map are posted: _____.
7. OTHER EMERGENCY INFORMATION:

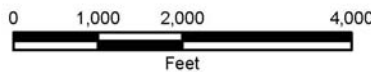
C

FIGURE 1



BROWNFIELD CLEANUP PROGRAM
 REMEDIAL INVESTIGATION WORK PLAN
 CITY OF ROCHESTER
 PORTION OF FORMER VACUUM OIL REFINERY
 ROCHESTER, NEW YORK

HOSPITAL EVACUATION ROUTE



JUNE 2015
 11862.61157

Attachments

Attachment 1
Air Monitoring Log

Attachment 2
Daily Sign In Sheet

Attachment 3
Daily Excavation Checklist

DAILY EXCAVATION CHECKLIST

Client:	Today's Date:		
Project Name:	Approx. Temp		
Project Location:	Approx. Wind Dir		
Job No.:	SSHC:		
Excavation Depth & Width:	D:	W:	Soil Class:
Protective System Used:			
Activities in Excavation:			
Competent Person:			

CONFINED SPACE HAZARD - Excavation > 4' deep? Yes No *If Yes, - Evaluate if the excavation is a permit-required confined space or can be downgraded to a Non-Permit Space*

CAUTION REGARDING DEEP EXCAVATIONS: Any excavation over 5 feet must be sloped or shored. Excavations >20 feet require review by a Professional Engineer. Any items marked NO on this form MUST be corrected prior to any employees entering the excavation. Review Excavation from the Corporate Health & Safety Manual for guidance.

Y	N	N/A	GENERAL
			Employees in, or near, excavations are protected from cave-ins or from being struck by loose rock/soil
			Spoils, materials, and equipment set back at least 2 feet from the edge of the excavation
			Engineering designs for sheeting and/or manufacturers data on trench box capabilities on site
			Adequate signs posted, and barricades provided
			Training (i.e, Toolbox meeting) conducted with employees prior to employees entering excavation
			Proper sloping, shoring, and/or distance controls are in place to prevent damage to footings, foundations, sidewalks, roadways, and similar structures from cave-ins or excavation equipment.

Y	N	N/A	UTILITIES
			Utility company contacted and given 24 hrs notice and/or utilities already located and marked
			Overhead lines located, noted, and reviewed with operator
			Utility location reviewed with operator, and precautions taken to ensure contact does not occur
			Utilities crossing the excavation supported, and protected from falling materials
			Underground installations protected, supported or removed when excavation is open

Y	N	N/A	WET CONDITIONS
			Precautions taken to protect employees from water accumulation (i.e., continuous dewatering)
			Surface water or runoff diverted/controlled to prevent accumulation in the excavation
			Inspection made after every rainstorm or other hazard-increasing occurrence

Y	N	N/A	HAZARDOUS ATMOSPHERE
			Air in the excavation tested for oxygen deficiency, combustibles, or other contaminants
			Ventilation used in atmospheres that are O ₂ rich or deficient and/or contains hazardous substances
			Ventilation provided to keep LEL below 10%
			Emergency equipment available where hazardous atmospheres could or do exist
			Safety harness and lifeline used
			Supplied Air necessary (if Yes, contact CHS prior to entry)

Y	N	N/A	ENTRY & EXIT
			Exit (i.e., ladder, sloped wall) no further than 25 feet from ANY employee
			Ladders secured, and extended 3 feet above the edge of the trench
			Wood ramps constructed of materials of uniform thickness, cleated together on the bottom.
			Employees protected from cave-ins when entering or exiting the excavation

**Keep 1 copy of EACH Daily Checklist on site for the project duration
Separate forms are required for each excavation.**

360° Engineering and Project Delivery Solutions

All materials printed on recycled paper. 



Appendix D
Citizen Participation Plan
(CPP)



New York State Department of Environmental Conservation

Brownfield Cleanup Program

Citizen Participation Plan for **Portion of Former Vacuum Oil Refinery**

1, 13, 31, 69, and 75 Cottage Street;
100 Riverview Place; 102 Violetta Street;
and 1320 S. Plymouth Avenue
City of Rochester
Monroe County, New York

Site No. C828190

June 2015

Contents

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1. What is New York’s Brownfield Cleanup Program?	3
2. Citizen Participation Activities	3
3. Major Issues of Public Concern.....	8
4. Site Information	8
5. Investigation and Cleanup Process.....	9
Appendix A - Project Contacts and Locations of Reports and Information.....	13
Appendix B - Site Contact List	15
Appendix C - Site Location Map	21
Appendix D - Brownfield Cleanup Program Process.....	23

* * * * *

Note: The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the site’s investigation and cleanup process.

Applicant: **City of Rochester (Applicant)**

Site Name: **Portion of Former Vacuum Oil Refinery (Site)**

Site Address: **1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place; 102 Violetta Street; and 1320 S. Plymouth Avenue**

Site County: **Monroe**

Site Number: **C828190**

1. What is New York’s Brownfield Cleanup Program?

New York’s Brownfield Cleanup Program (BCP) works with private developers to encourage the voluntary cleanup of contaminated properties known as “brownfields” so that they can be reused and developed. These uses include recreation, housing, and business.

A *brownfield* is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination. A brownfield typically is a former industrial or commercial property where operations may have resulted in environmental contamination. A brownfield can pose environmental, legal, and financial burdens on a community. If a brownfield is not addressed, it can reduce property values in the area and affect economic development of nearby properties.

The BCP is administered by the New York State Department of Environmental Conservation (NYSDEC) which oversees Applicants that conduct brownfield site investigation and cleanup activities. An Applicant is a person who has requested to participate in the BCP and has been accepted by NYSDEC. The BCP contains investigation and cleanup requirements, ensuring that cleanups protect public health and the environment. When NYSDEC certifies that these requirements have been met, the property can be reused or redeveloped for the intended use.

For more information about the BCP, go online at: <http://www.dec.ny.gov/chemical/8450.html> .

2. Citizen Participation Activities

Why NYSDEC Involves the Public and Why It Is Important

NYSDEC involves the public to improve the process of investigating and cleaning up contaminated sites, and to enable citizens to participate more fully in decisions that affect their health, environment, and social well being. NYSDEC provides opportunities for citizen involvement and encourages early two-way communication with citizens before decision makers form or adopt final positions.

Involving citizens affected and interest in site investigation and cleanup programs is important for many reasons. These include:

- Promoting the development of timely, effective site investigation and cleanup programs that protect public health and the environment
- Improving public access to, and understanding of, issues and information related to a particular site and that site's investigation and cleanup process
- Providing citizens with early and continuing opportunities to participate in NYSDEC's site investigation and cleanup process
- Ensuring that NYSDEC makes site investigation and cleanup decisions that benefit from input that reflects the interests and perspectives found within the affected community
- Encouraging dialogue to promote the exchange of information among the affected/interested public, State agencies, and other interested parties that strengthens trust among the parties, increases understanding of site and community issues and concerns, and improves decision making.

This Citizen Participation (CP) Plan provides information about how NYSDEC will inform and involve the public during the investigation and cleanup of the site identified above. The public information and involvement program will be carried out with assistance, as appropriate, from the Applicant.

Project Contacts

Appendix A identifies NYSDEC project contact(s) to whom the public should address questions or request information about the site's investigation and cleanup program. The public's suggestions about this CP Plan and the CP program for the site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

Locations of Reports and Information

The locations of the reports and information related to the site's investigation and cleanup program also are identified in Appendix A. These locations provide convenient access to important project documents for public review and comment. Some documents may be placed on the NYSDEC web site. If this occurs, NYSDEC will inform the public in fact sheets distributed about the site and by other means, as appropriate.

Site Contact List

Appendix B contains the site contact list. This list has been developed to keep the community informed about, and involved in, the site's investigation and cleanup process. The site contact list will be used periodically to distribute fact sheets that provide updates about the status of the

project. These will include notifications of upcoming activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods. The site contact list includes, at a minimum:

- chief executive officer and planning board chairperson of each county, city, town, and village in which the site is located;
- residents, owners, and occupants of the site and properties adjacent to the site;
- the public water supplier which services the area in which the site is located;
- any person who has requested to be placed on the site contact list;
- the administrator of any school or day care facility located on or near the site for purposes of posting and/or dissemination of information at the facility;
- location(s) of reports and information.

The site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix A. Other additions to the site contact list may be made at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate.

CP Activities

The table at the end of this section identifies the CP activities, at a minimum, that have been and will be conducted during the site's investigation and cleanup program. The flowchart in Appendix D shows how these CP activities integrate with the site investigation and cleanup process. The public is informed about these CP activities through fact sheets and notices distributed at significant points during the program. Elements of the investigation and cleanup process that match up with the CP activities are explained briefly in Section 5.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a site, and the nature and progress of efforts to investigate and clean up a site.
- **Public forums, comment periods, and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about a site's investigation and cleanup.

The public is encouraged to contact project staff at any time during the site's investigation and cleanup process with questions, comments, or requests for information.

This CP Plan may be revised due to changes in major issues of public concern identified in Section 3 or in the nature and scope of investigation and cleanup activities. Modifications may include additions to the site contact list and changes in planned citizen participation activities.

Technical Assistance Grant

NYSDEC must determine if the site poses a significant threat to public health or the environment. This determination generally is made using information developed during the investigation of the site, as described in Section 5.

If the site is determined to be a significant threat, a qualifying community group may apply for a Technical Assistance Grant (TAG). The purpose of a TAG is to provide funds to the qualifying group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being or enjoyment of the environment may be affected by a release or threatened release of contamination at the site.

For more information about TAGs, go online at <http://www.dec.ny.gov/regulations/2590.html>

Note: The table identifying the citizen participation activities related to the site's investigation and cleanup program follows on the next page:

Citizen Participation Requirements (Activities)	Timing of CP Activity(ies)
Application Process:	
<ul style="list-style-type: none"> • Prepare site contact list • Establish document repositories 	At time of preparation of application to participate in the BCP.
<ul style="list-style-type: none"> • Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 30-day public comment period • Publish above ENB content in local newspaper • Mail above ENB content to site contact list • Conduct 30-day public comment period 	When NYSDEC determines that BCP application is complete. The 30-day public comment period begins on date of publication of notice in ENB. End date of public comment period is as stated in ENB notice. Therefore, ENB notice, newspaper notice, and notice to the site contact list should be provided to the public at the same time.
After Execution of Brownfield Site Cleanup Agreement:	
<ul style="list-style-type: none"> • Prepare Citizen Participation (CP) Plan 	Before start of Remedial Investigation
Before NYSDEC Approves Remedial Investigation (RI) Work Plan:	
<ul style="list-style-type: none"> • Distribute fact sheet to site contact list about proposed RI activities and announcing 30-day public comment period about draft RI Work Plan • Conduct 30-day public comment period 	Before NYSDEC approves RI Work Plan. If RI Work Plan is submitted with application, public comment periods will be combined and public notice will include fact sheet. Thirty-day public comment period begins/ends as per dates identified in fact sheet.
After Applicant Completes Remedial Investigation:	
<ul style="list-style-type: none"> • Distribute fact sheet to site contact list that describes RI results 	Before NYSDEC approves RI Report
Before NYSDEC Approves Remedial Work Plan (RWP):	
<ul style="list-style-type: none"> • Distribute fact sheet to site contact list about proposed RWP and announcing 45-day public comment period • Public meeting by NYSDEC about proposed RWP (if requested by affected community or at discretion of NYSDEC project manager) • Conduct 45-day public comment period 	Before NYSDEC approves RWP. Forty-five day public comment period begins/ends as per dates identified in fact sheet. Public meeting would be held within the 45-day public comment period.
Before Applicant Starts Cleanup Action:	
<ul style="list-style-type: none"> • Distribute fact sheet to site contact list that describes upcoming cleanup action 	Before the start of cleanup action.
After Applicant Completes Cleanup Action:	
<ul style="list-style-type: none"> • Distribute fact sheet to site contact list that announces that cleanup action has been completed and that summarizes the Final Engineering Report • Distribute fact sheet to site contact list announcing issuance of Certificate of Completion (COC) 	At the time NYSDEC approves Final Engineering Report. These two fact sheets are combined if possible if there is not a delay in issuing the COC.

3. Major Issues of Public Concern

This section of the CP Plan identifies major issues of public concern that relate to the site. Additional major issues of public concern may be identified during the course of the site's investigation and cleanup process.

There are potential contamination issues of public concern at the site based on the results of the past environmental tests. Section 4 below provides information about the site contaminants. The site is not near public water supply or private water wells, but it is adjacent to the Genesee River.

Contaminants can become airborne during investigation and cleanup activities. Testing will be performed during these activities to measure the level of contaminants in the air. Action will be taken if the levels get too high.

4. Site Information

Appendix C contains a map identifying the location of the site.

Site Description

- **Location** - 1, 13, 31, 69, and 75 Cottage Street; 100 Riverview Place; 102 Violetta Street, and 1320 S. Plymouth Avenue; City of Rochester; Monroe County, New York
- **Setting** – Vacant Commercial Land – Use Code 340 (1, 13 Cottage Street, 100 Riverview Place, 102 Violetta Street, and 1320 S. Plymouth Avenue); Vacant Residential Land – Use Code 311 (31, 69, and 75 Cottage Street)
- **Zoning** – Residential R1
- **Site size** - Approximately 15.4 acres
- **Adjacent properties** - Mix of residential, commercial, and light industrial properties. Portions of adjacent properties are vacant. The Genesee River is present to the east of the site. The Flint Street Right-of-Way is also present along the northern boundary of the site.

History of Site Use, Investigation, and Cleanup

Site

Most of the site, about 15 acres, was either part of the former Vacuum Oil Company refinery or was part of the associated support operations such as railroads. At one time, the refinery and railroads covered about 30 to 40 acres (estimates vary) and operated from about 1866 to 1930. Three properties (31, 69, and 75 Cottage Street) are next to the former refinery, but were not part of it. Over time, the Vacuum Oil Company became ExxonMobil Corporation. The site is currently vacant and includes wooded, grass-covered, and paved trail areas.

The refinery distilled crude petroleum to produce different petroleum products. Site operations included a barrel preparation and storage area, a canal, and railroads. Most of the structures were

demolished in place when the refinery closed. Some remnants of former structures and other scattered debris remain. This includes, former railroad bed foundation walls, former building slabs and foundation walls, concrete rubble, scattered bricks, fire hydrants, crushed metal drums/tanks, metal piping, tires, vehicle parts, ash/black foundry sand. There have been no industrial or commercial operations at the site since the refinery closed.

Past test results suggest that the soil and groundwater are contaminated with a variety of chemicals. These chemicals include: volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals.

The site is also part of the much larger City Vacuum Oil - South Genesee River Corridor Brownfield Opportunity Area (BOA). The BOA program provides resources to plan, design, and begin implementing targeted investment projects which support and enhance on-going revitalization efforts in the study area. The Vacuum Oil BOA project is a community-based planning effort that seeks to integrate ideas generated from residents, business owners, and other stakeholders into the actual development of plan recommendations. Involvement and participation by the public is critical to ensuring the planning processes are successful and the final plans achieve the community's vision. The BOA Master Plans to date include mixed use development, waterfront and open space improvements, flex space and incubator/workforce training, and commercial and housing redevelopment. The City submitted and was awarded funding in 2015 to proceed with implementation of the final step in the BOA program, which will include refinements to the Master Plan based on findings from additional BOA studies. While the BOA program is run by the NYS Department of State and the BCP is run by the NYS Department of Environmental Conservation, the two programs work together to help revitalize communities.

5 Flint Street and 15 Flint Street (Adjoining off Site Parcels)

A separate BCP project is being performed by a private developer for the 5 Flint Street and 15 Flint Street parcels (NYSDEC Site No. C828162). These two properties were also part of the Vacuum Oil refinery and cover about 7 acres. Further information regarding the 5 & 15 Flint Street BCP can be found at the Phillis Wheatley Community Library.

5. Investigation and Cleanup Process

Application

The Applicant has applied for and been accepted into New York's Brownfield Cleanup Program as a **Volunteer**. This means that the Applicant was not responsible for the disposal or discharge of the contaminants or whose ownership or operation of the site took place after the discharge or disposal of contaminants. The Volunteer must fully characterize the nature and extent of contamination onsite, and must conduct a "qualitative exposure assessment," a process that characterizes the actual or potential exposures of people, fish and wildlife to contaminants on the site and to contamination that has migrated from the site.

The Applicant in its Application proposes that the site will be used for restricted purposes.

To achieve this goal, the Applicant will conduct investigation activities at the site with oversight provided by NYSDEC. The Brownfield Cleanup Agreement executed by NYSDEC and the Applicant sets forth the responsibilities of each party in conducting these activities at the site.

Investigation

The Applicant will conduct an investigation of the site officially called a “remedial investigation” (RI). This investigation will be performed with NYSDEC oversight. The Applicant must develop a remedial investigation workplan, which is subject to public comment.

The site investigation has several goals:

- 1) Define the nature and extent of contamination in soil, surface water, groundwater, and any other parts of the environment that may be affected;
- 2) Identify the source(s) of the contamination;
- 3) Assess the impact of the contamination on public health and the environment; and
- 4) Provide information to support the development of a proposed remedy to address the contamination or the determination that cleanup is not necessary.

When the investigation is complete, the Applicant will prepare and submit a report that summarizes the results. This report also will recommend whether cleanup action is needed to address site-related contamination. The investigation report is subject to review and approval by NYSDEC.

NYSDEC will use the information in the investigation report to determine if the site poses a significant threat to public health or the environment. If the site is a “significant threat,” it must be cleaned up using a remedy selected by NYSDEC from an analysis of alternatives prepared by the Applicant and approved by NYSDEC. If the site does not pose a significant threat, the Applicant may select the remedy from the approved analysis of alternatives.

Remedy Selection

When the investigation of the site has been determined to be complete, the project likely would proceed in one of two directions:

1. The Applicant may recommend in its investigation report that no action is necessary at the site. In this case, NYSDEC would make the investigation report available for public comment for 45 days. NYSDEC then would complete its review, make any necessary revisions, and, if appropriate, approve the investigation report. NYSDEC would then issue a “Certificate of Completion” (described below) to the Applicant.

or

2. The Applicant may recommend in its investigation report that action needs to be taken to address site contamination. After NYSDEC approves the investigation report, the Applicant may then develop a cleanup plan, officially called a “Remedial Work Plan”. The Remedial Work Plan describes the Applicant’s proposed remedy for addressing contamination related to the site.

When the Applicant submits a proposed Remedial Work Plan for approval, NYSDEC would announce the availability of the proposed plan for public review during a 45-day public comment period.

Cleanup Action

NYSDEC will consider public comments, and revise the draft cleanup plan if necessary, before approving the proposed remedy. The New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy.

The Applicant may then design and perform the cleanup action to address the site contamination. NYSDEC and NYSDOH oversee the activities. When the Applicant completes cleanup activities, it will prepare a final engineering report that certifies that cleanup requirements have been achieved or will be achieved within a specific time frame. NYSDEC will review the report to be certain that the cleanup is protective of public health and the environment for the intended use of the site.

Certificate of Completion

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the final engineering report. NYSDEC then will issue a Certificate of Completion (COC) to the Applicant. The COC states that cleanup goals have been achieved, and relieves the Applicant from future liability for site-related contamination, subject to certain conditions. The Applicant would be eligible to redevelop the site after it receives a COC.

Site Management

Site management is the last phase of the site cleanup program. This phase begins when the COC is issued. Site management may be conducted by the Applicant under NYSDEC oversight, if contamination will remain in place. Site management incorporates any institutional and engineering controls required to ensure that the remedy implemented for the site remains protective of public health and the environment. All significant activities are detailed in a Site Management Plan.

An institutional control is a non-physical restriction on use of the site, such as a deed restriction that would prevent or restrict certain uses of the property. An institutional control may be used when the cleanup action leaves some contamination that makes the site suitable for some, but not all uses.

An engineering control is a physical barrier or method to manage contamination. Examples include: caps, covers, barriers, fences, and treatment of water supplies.

Site management also may include the operation and maintenance of a component of the remedy, such as a system that is pumping and treating groundwater. Site management continues until NYSDEC determines that it is no longer needed.

Appendix A - Project Contacts and Locations of Reports and Information

Project Contacts

For information about the site's investigation and cleanup program, the public may contact any of the following project staff:

New York State Department of Environmental Conservation (NYSDEC):

Mr. Frank Sowers
Project Manager
NYSDEC Region 8
Division of Environmental Remediation
6274 Avon-Lima Road,
Avon, NY 14414-9516
(585) 226-5357
Email: frank.sowers@dec.ny.gov

Ms. Linda Vera
Regional Citizen Participation Specialist
NYSDEC Region 8
6274 Avon-Lima Road,
Avon, NY 14414-9516
(585) 226-5324
Email: linda.vera@dec.ny.gov

New York State Department of Health (NYSDOH):

Ms. Bridgette K. Boyd
Public Health Specialist III
Bureau of Environmental Exposure Investigation
New York State Department of Health
Empire State Plaza, Corning Tower, Room 1787
Albany, NY 12237
Phone: (518) 402-7860
Fax: (518) 402-7859
Email: BEEI@health.ny.gov

Locations of Reports and Information

The facilities identified below are being used to provide the public with convenient access to important project documents:

City of Rochester
City Hall
30 Church Street, Room Room 300B,
Rochester, NY 14614
Attn: Mr. Joseph Biondolillo
Phone: (585) 428-6649

Phillis Wheatley Community Library
33 Dr. Samuel McCree Way
Rochester, NY 14608
Phone: (585) 428-8212

NYSDEC Region 8
6274 Avon-Lima Road (Routes 5 and 20)
Avon, NY 14414-9516
Attn: Linda Vera
Phone: (585) 226-5324
Hours: 8:30 a.m.-4:45 p.m. Monday through
Friday
(call for appointment)

Plymouth-Exchange (PLEX) Neighborhood
Association
Carlson Commons
70 Coretta Scott Crossing
Rochester, NY 14608
Hours: Tuesday, Wednesday, and Thursdays
Noon - 4pm (subject to change)
PLEX meetings: Second Tuesday of every
month at Carlson Commons.
Phone: (585) 328-6916
Email: info@pl-ex.org

Appendix B - Site Contact List

Appendix B

Citizen Participation Plan

Site Contact List (SCL)

Portion of Former Vacuum Oil Refinery

City of Rochester, New York

	Name	Address
Monroe County Chief Executive Officer	Maggie Brooks	110 County Office Building, 39 W. Main Street, Rochester, NY 14614
Monroe County Planning Manager	Thomas Goodwin	8100 City Place, 50 W. Main Street, Rochester, NY 14614
City of Rochester Planning & Zoning Director	C Mitchell Rowe	Division of Zoning, City Hall - Room 125B, Rochester, NY 14614
City of Rochester Mayor	Lovely A Warren	City Hall, Mayor's Office, 30 Church Street, Rochester, NY 14614
City of Rochester Law Department	Tom Warth	City Hall, Law Department, 30 Church Street, Rochester, NY 14614
City Division of Environmental Services	Norman Jones	City Hall, Law Department, 30 Church Street, Rochester, NY 14614
City Division of Environmental Quality	Mark Gregor	City Hall, Room 300B, 30 Church Street, Rochester, NY 14614
City Division of Environmental Quality	Joseph Biondolillo	City Hall, Room 300B, 30 Church Street, Rochester, NY 14614
Harter Secrest & Emery LLP	Paul Sylvestri	1600 Bausch & Lomb Place, Rochester, NY 14604
Vacuum Oil BOA Advisory Committee Members		
NYS Canal Corporation	Sharon Leighton, Director of Community Relations	NYS Canal Corporation, 200 Southern Blvd, Albany, NY 12209
Southwest Planning Committee	John Curran, Chair	Southwest Planning Committee, 112 Gregory Hill Road, Rochester, NY 14620
PLEX	Dorothy Hall	PO Box 24858, Rochester, NY 14624
PLEX	Dorian Hall	PO Box 24858, Rochester, NY 14624
PLEX neighborhood resident and property owner	David Knoll	969 South Plymouth, Rochester, NY 14608
Sector 4 CDC	Joan Roby-Davison	Sector 4 CDC, 89 Genesee Street, First Floor, Rochester, New York 14611
City of Rochester	David Hawkes, Southwest NSC	City of Rochester, 923 Genesee Street, Rochester, NY 14611
University of Rochester	Bruce Bashwiner, Associate Vice President, Facilities and Services	University of Rochester, PO Box 270345, 271 East River Rd., Room 218, Rochester, NY 14627-0345
ExxonMobil Environmental Services Company	Michael A Lamarre	ExxonMobil Environmental Services Company, 1001 Wampanoag Trail, Riverside, RI 02874
ExxonMobil Environmental Services Company	Daniel Grabski	ExxonMobil Environmental Services Company, 1001 Wampanoag Trail, Riverside, RI 02874
DHD Ventures	Adam Driscoll/Tom Masaschi	DHD Ventures, 620 Park Avenue, Suite 185, Rochester, New York 14607
Foodlink	Mitch Gruber	936 Exchange Street, Rochester, NY 14608

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Citizen Participation Plan

Site Contact List (SCL)

Portion of Former Vacuum Oil Refinery

City of Rochester, New York

	Name	Address
Monroe County Department of Planning & Development	Judy Seil, Director	Monroe County, Department of Planning & Development, 8100 City Place, 50 West Main Street, Rochester, NY 14614
Genesee/Finger Lakes Regional Planning Council	David Zorn, Executive Director	Genesee/Finger Lakes Regional Planning Council, 50 West Main Street, Suite 8107, Rochester, NY 14614
Center for Environmental Initiatives	George Thomas	Center for Environmental Initiatives, 700 West Metro Park, Rochester, NY 14623
New York State Department of State	Chris Bauer	New York State Department of State, 65 Court Street, Room 208, Buffalo, NY 14202
Division of Environmental Remediation, NYSDEC Region 8	Bart Putzig, PE, Regional Engineer	NYSDEC Region 8, 6274 East Avon-Lima Road, Avon, NY 14414-9519
City of Rochester, Neighborhood & Business Development/Planning & Zoning	Doug Benson	City of Rochester, Neighborhood & Business Development/Planning & Zoning, 30 Church Street, Room 125B, Rochester, NY 14614
City of Rochester, Neighborhood & Business Development/Business & Housing Development	Rick Rynski	City of Rochester, Neighborhood & Business Development/Business & Housing Development, 30 Church Street – Room 005A, Rochester, NY 14614
City of Rochester, DES/Environmental Quality	Doraine Kirkmire	City of Rochester, DES/Environmental Quality, 30 Church Street – Room #300B, Rochester, NY 14614
Rochester Regional Community Design Center	Joni Monroe, Executive Director	Rochester Regional Community Design Center, The Hungerford Complex, 1115 East Main Street, Door 4, Rochester, NY 14609
Canfield & Tack	Ray Brown	via e-mail at: rbrown@canfieldtack.com
-----	Reverent Errol Hunt	via e-mail at: revehunt@frontiernet.net
Turn Key Operations	Vince Giglio	950 Exchange Street Building, Rochester, NY, 14608-2801
Southwest Common Council, Environmental Health Sciences Center Community Outreach and Engagement Core	John W Borek	Southwest Common Council, 296 Melrose Street, Rochester, NY 14619
University of Rochester Medical Center, Environmental Health Sciences Center, Community Outreach and Engagement Core	Valerie Garrison	via e-mail at: Valerie_Garrison@URMC.Rochester.edu

Appendix B

Citizen Participation Plan

Site Contact List (SCL)

Portion of Former Vacuum Oil Refinery

City of Rochester, New York

Name		Address
University of Rochester, Environmental Health Sciences Center	Katrina Smith Korfmacher, PhD, Director, Community Outreach and Engagement Core	via e-mail at: Katrina_Korfmacher@URMC.Rochester.edu
City of Rochester Engineering	Richard Koss	City of Rochester Engineering, 30 Church Street – Room 300B, Rochester, NY 14614
Residents, Owners, and Occupants		
10 Utica Place	Renee C Runyan	259 Benton Street, Rochester, NY 14620
24-26 Magnolia Street	Donita A Mayes	100 Clifton Street, Rochester, NY 14611
11 Serenity Circle	Jadine Cooper	11 Serenity Circle, Rochester, NY 14608
14 Utica Place	Maria Miller	PO Box 60201, Rochester, NY 14606
12 Utica Place	Jean M Wall-Anderson	12 Utica Place, Rochester, NY 14608
97 Cottage Street	Portia Westfall	97 Cottage Street, Rochester, NY 14608
18 Riverview Place	Katherine Shields	18 Riverview Place, Rochester, NY 14608
17 Cottage Street	Baljit Singh	17 Cottage Street, Rochester, NY 14608
17 Serenity Circle	Margaret Moyd	17 Serenity Circle, Rochester, NY 14608
20 Magnolia Street	Phillips Process Co.	20 Magnolia Street, Rochester, NY 14608
48 Riverview Place	Agnes Sample & Lisa Post	48 Riverview Place, Rochester, NY 14608
24 Riverview Place	Darrin Alker	24 Riverview Place, Rochester, NY 14608
25 Serenity Circle	Celeste Giles	25 Serenity Circle, Rochester, NY 14608
29 Cottage Street	Nora D Rowland	29 Cottage Street, Rochester, NY 14608
940 Exchange Street	City of Rochester	30 Church Street, Rochester, NY 14614
7 Flint Street	City of Rochester	30 Church Street, Rochester, NY 14614
31 Cottage Street	City of Rochester	30 Church Street, Rochester, NY 14614
69 Cottage Street	City of Rochester	30 Church Street, Rochester, NY 14614
75 Cottage Street	City of Rochester	30 Church Street, Rochester, NY 14614
1 Cottage Street	City of Rochester	30 Church Street, Rochester, NY 14614
100 Riverview Place	City of Rochester	30 Church Street, Rochester, NY 14614
13 Cottage Street	City of Rochester	30 Church Street, Rochester, NY 14614
28-30 Magnolia Street	Alex Massachi	PO Box 18341, Rochester, NY 14618
102 Violetta Street	City of Rochester	30 Church Street, Rochester, NY 14614

Appendix B

Citizen Participation Plan

Site Contact List (SCL)

Portion of Former Vacuum Oil Refinery

City of Rochester, New York

	Name	Address
32 Riverview Place	Roderick Jones	32 Riverview Place, Rochester, NY 14608
33 Serenity Circle	Jose & Larracuente M Navarro	33 Serenity Circle, Rochester, NY 14608
37-39 Cottage Street	Grosvenor Richardson	37 Cottage Street, Rochester, NY 14608
38 Riverview Place	Michael Valente	38 Riverview Place, Rochester, NY 14608
3 Cottage Street	Susan Goodwin	104 Atkinson Street, Rochester, NY 14608
41 Serenity Circle	Terrence Ricks	41 Serenity Circle, Rochester, NY 14608
45 Cottage Street	Errol E Hunt	45 Cottage Street, Rochester, NY 14608
55 Cottage Street	Errol E Hunt	45 Cottage Street, Rochester, NY 14608
23 Cottage Street	Jessica Doucette	45 Northrup Place, Buffalo, NY 14214
33 Cottage Street	Jessica Doucette	45 Northrup Place, Buffalo, NY 14214
45 Riverview Place	Mangold LLC	106 Stratford Lane, Rochester, NY 14612
73 Cottage Street	Mark Alfieri	1303 Westage at the HBR, Rochester, NY 14617
28 Riverview Place	Harbor Town Properties	PO Box 67097, Rochester, NY 14617
21 Riverview Place	Harbor Town Properties	PO Box 67097, Rochester, NY 14617
5 Serenity Circle	Barbara L Thomas	5 Serenity Circle, Rochester, NY 14608
37 Riverview Place	Kenneth Kelbough	50 Marlborough Road, Rochester, NY 14619
51 Riverview Place	Linda M Viale	51 Riverview Place, Rochester, NY 14608
55 Riverview Place	Mary Etta Nix	55 Riverview Place, Rochester, NY 14608
63 Cottage Street	Willie Foe & Elizabeth Ann Craddock	197 Elmdorf Avenue, Rochester, NY 14619
56 Riverview Place	Alan B Williams	56 Riverview Place, Rochester, NY 14608
59 Cottage Street	Joseph P, Gregory J, & Monica K Schenk	4463 Naples Street, Atlanta, NY 14808
1218-1300 South Plymouth Avenue	Riverview Equity 1 LLC	6105 Transit Road STE 140, East Amherst, NY 14051
5 Flint Street	One Flint Street LLC	620 Park Ave, Suite 185, Rochester, NY 14607
67 Cottage Street	Laurence J Champoux	67 Cottage Street, Rochester, NY 14608
68 Luther Circle	Rochester HSG Authority	675 W Main Street, Rochester, NY 14611
79 Cottage Street	Martin & Rosetta Coker	79 Cottage Street, Rochester, NY 14608
15 Flint Street	One Flint Street LLC	620 Park Ave, Suite 185, Rochester, NY 14607
89 Cottage Street	Carol Arieno	1486 Creek Street, Rochester, NY 14625
9 Cottage Street	Joe L Bradford	9 Cottage Street, Rochester, NY 14608

Appendix B

Citizen Participation Plan

Site Contact List (SCL)

Portion of Former Vacuum Oil Refinery

City of Rochester, New York

	Name	Address
22 Flint Street	Foodlink Foundation Inc.	936 Exchange Street, Rochester, NY 14608
85 Cottage Street	Evon M Dunham	590 Lake Shore Drive, Hilton, NY 14468
27-31 Riverview Place	David & Knoll David Skinner	969 South Plymouth Avenue, Rochester, NY 14608
52 Riverview Place	David C Knoll	969 South Plymouth Avenue, Rochester, NY 14608
Cottage Street	State of New York	A E Smith Office Building, Albany, NY 12236
42 Riverview Place	Peter J Mangold	PO Box 16393, Rochester, NY 14616
41 Riverview Place	Joseph L Lovejoy Jr	PO Box 25572, Rochester, NY 14625
17 Riverview Place	Daniel Litwak	PO Box 67097, Rochester, NY 14617
Local News Media	13WHAM-TV	4225 West Henrietta Road, Rochester, NY 14623
	NEWS 10NBC	191 East Avenue, Rochester, New York 14604
	WROC-TV Channel 8	201 Humboldt Street, Rochester, NY 14610-1093
	WXXI News Room	280 State Street, PO Box 30021, Rochester, NY 14603-3021
	WHAM 1180	1700 HSBC Plaza, 100 Chestnut Street, Rochester, NY 14604
	WYSL 1040	5620 South Lima Road, Avon, NY 14414-0236
	The Democrat and Chronicle Media Group	55 Exchange Boulevard, Rochester, NY 14614
Public Water Supplier	Monroe County Water Authority	475 Norris Drive, P.O. Box 10999, Rochester, NY 14610-0999
Person(s) requested to be placed on SCL	None	None
Administrator School/Daycare	Dr. Charles T. Lunsford, School No. 19	465 Seward Street, Rochester, NY 14608
	ABC Head Start and Early Head Start	640 Jefferson Avenue, Rochester, NY 14611
Document Repository	Phillis Wheatley Community Library	33 Dr Samuel McCree Way, Rochester, NY 14608
	Plymouth-Exchange (PLEX) Neighborhood Association	Carlson Commons, 70 Coretta Scott Crossing, Rochester, NY 14608
	NYSDEC Region 8 offices	6274 Avon-Lima Road, Avon, NY 14414-9516

Notes:

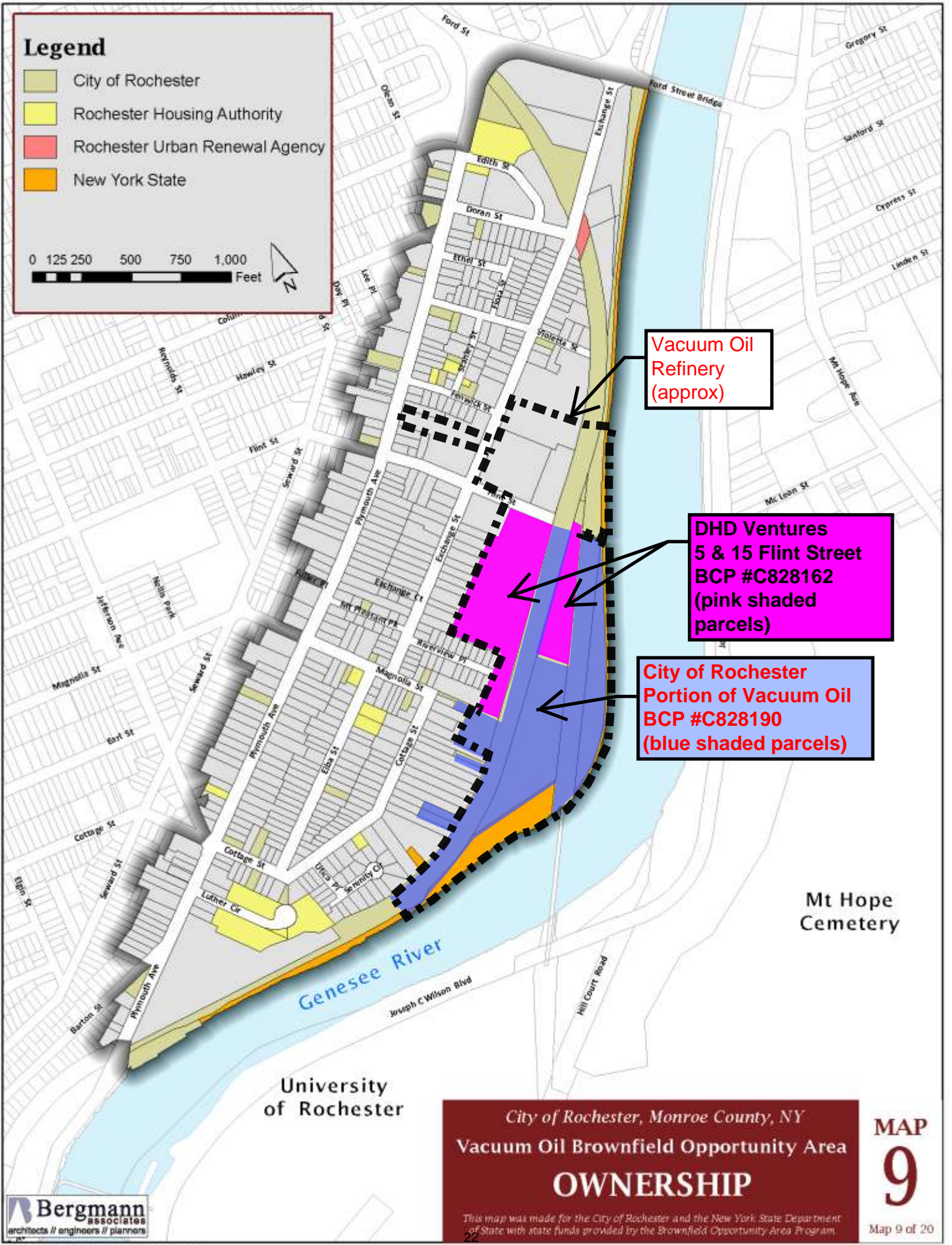
1. The Phillis Wheatley Community Library is owned and operated by the City of Rochester and will be used as the document repository.

Appendix C - Site Location Map

Legend

- City of Rochester
- Rochester Housing Authority
- Rochester Urban Renewal Agency
- New York State

0 125 250 500 750 1,000 Feet



Vacuum Oil Refinery (approx)

DHD Ventures 5 & 15 Flint Street BCP #C828162 (pink shaded parcels)

City of Rochester Portion of Vacuum Oil BCP #C828190 (blue shaded parcels)

Mt Hope Cemetery

University of Rochester

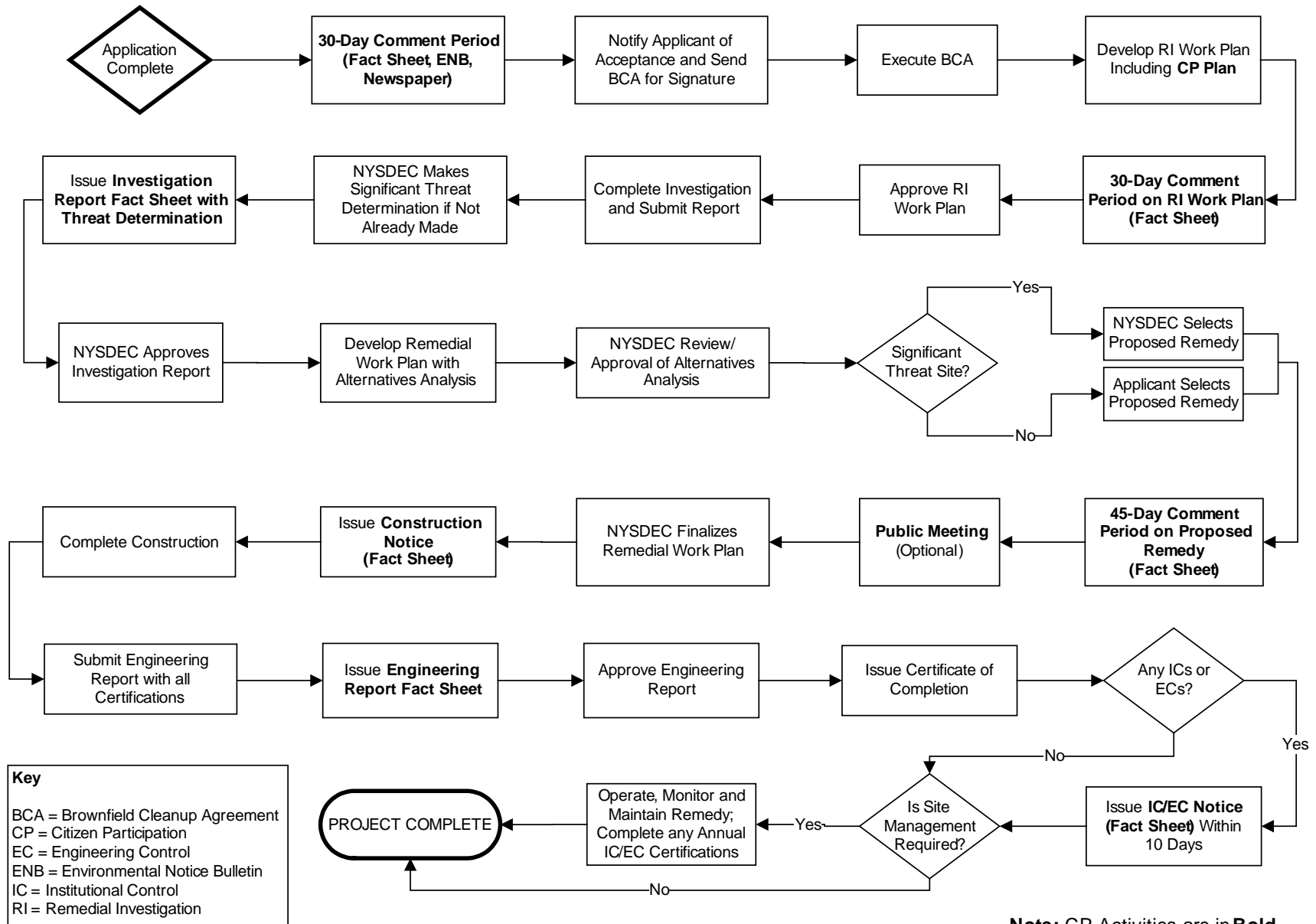
City of Rochester, Monroe County, NY
Vacuum Oil Brownfield Opportunity Area
OWNERSHIP

MAP 9

This map was made for the City of Rochester and the New York State Department of State with state funds provided by the Brownfield Opportunity Area Program.



Appendix D– Brownfield Cleanup Program Process



Appendix E
Estimated Project Schedule

**Brownfield Cleanup Program
Remedial Investigation
City of Rochester - Portion of Former Vacuum Oil Refinery
Rochester, New York**

ID	Task Name	Duration	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22
1	Preparation of Citizen Participation Plan and NYSDEC Review	48 days		█	█																			
2	Preparation of the Remedial Investigation Work Plan	51 days		█	█	█																		
3	Public Comment Period of the Remedial Investigation Work Plan	30 days					█	█																
4	NYSDEC review period of Work Plan and associated revisions	100 days				█	█	█	█	█	█	█	█	█										
5	RI Implementation	180 days								█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
23	Remedial Investigation Report	190 days													█	█	█	█	█	█	█	█	█	█
24	Development of RI Report	12 weeks													█	█	█	█	█					
25	City Review of RI Report	2 weeks																█	█					
26	NYSDEC Review of Draft RI Report	45 days																	█	█	█			
27	RI Report Revisions	30 days																		█	█	█		
28	NYSDEC Review of Final RI Report	45 days																			█	█	█	
29	Project Management, Administration, and Meetings	450 days	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█

Note:
A tentative start date of December 1, 2015 is assumed; however, the actual start date may differ depending on subcontractor schedules.



Exhibit

Exhibit A
Data Usability Summary
Report (August 7, 2008)
(Provided on enclosed CD)

ANALYTICAL REPORT

Job#: A08-7595, A08-7691, A08-7988

Project#: NY2A8951.6

SDG#: 7595

Site Name: LaBella Associates

Task: Vacuum Oil

Mr. Michael Pelychaty
LaBella Associates
300 State St. Suite 201
Rochester, NY 14614

TestAmerica Laboratories Inc.



Jason R. Kacalski
Project Manager

08/07/2008

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TestAmerica Buffalo Current Certifications

As of 5/27/2008

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA, NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP, SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA, CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	Registration, NELAP CWA, RCRA	68-00281
Tennessee	SDWA	02970
Texas	NELAP CWA, RCRA	
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA, RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA, RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Sample Data Summary Package

SAMPLE SUMMARY

SDG#: 7595

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A8798803	SB-002/6-8	SOIL	07/01/2008	09:05	07/03/2008	16:40
A8798804	SB-018/4-6	SOIL	06/26/2008	11:10	07/03/2008	16:40
A8759501	SB-036/7.5-8 (ROC)	SOIL	06/23/2008	11:50	06/26/2008	14:15
A8769101	SB-050/0-1 (ROC)	SOIL	06/25/2008	11:20	06/27/2008	16:35
A8769102	SB-050/6-8	SOIL	06/25/2008	15:05	06/27/2008	16:35
A8769103	SB-052/0-1 (ROC)	SOIL	06/26/2008	10:15	06/27/2008	16:35
A8769104	SB-052/6-8 (ROC)	SOIL	06/26/2008	13:58	06/27/2008	16:35
A8798805	SB-070/6-7.5	SOIL	06/27/2008	12:30	07/03/2008	16:40
A8798805MS	SB-070/6-7.5	SOIL	06/27/2008	12:30	07/03/2008	16:40
A8798805SD	SB-070/6-7.5	SOIL	06/27/2008	12:30	07/03/2008	16:40
A8798801	SB-51/0-1 (ROC)	SOIL	07/01/2008	16:45	07/03/2008	16:40
A8798802	SB-53/0-1 (ROC)	SOIL	06/26/2008	11:50	07/03/2008	16:40
A8769105	TRIP BLANK	WATER	06/26/2008	09:30	06/27/2008	16:35
A8798806	TRIP BLANK	WATER	07/01/2008	16:50	07/03/2008	16:40

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METHODS SUMMARY

Job#: A08-7595, A08-7691, A08-7988Project#: NY2A8951.6SDG#: 7595Site Name: LaBella Associates

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
METHOD 8081 - TCL PESTICIDES	SW8463 8081
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Copper - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Thallium - Total	SW8463 6010
Zinc - Total	SW8463 6010

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

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SDG NARRATIVE

Job#: A08-7595,A08-7691,A08-7988Project#: NY2A8951.6SDG#: 7595Site Name: LaBella AssociatesGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-7595

Sample Cooler(s) were received at the following temperature(s); 2.0 °C
Limited volume. Please use sparingly.

A08-7691

Sample Cooler(s) were received at the following temperature(s); 2.0 °C
For sample 02, Please run analysis in the following order: Voas, Metals, PCB's, Semi's, and if volume remains Pests.

A08-7988

Sample Cooler(s) were received at the following temperature(s); 2.0 °C
For sample 04 please run voas, metals, Semi's, PCB's, and Pests last if volume remains.

GC/MS Volatile Data

The analytes Acetone and Methylene Chloride were detected in the water Method Blank VBLK44 (A8B1833004) at a level above the project established reporting limit. However, all aqueous, field generated, Quality Control samples were associated with soil samples. Therefore, all aqueous samples were analyzed as soils and evaluated using soil Quality Control Limits.

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The analyte Methylene Chloride was detected in the soil Method Blank VBLK44 (A8B1833002) at a level above the project established reporting limit. The associated samples had levels of Methylene Chloride at a similar concentration to that of the Method Blank value. All sample detections for this analyte may potentially be due to laboratory contamination and should be evaluated accordingly. All associated sample detections were qualified with a "B".

The spike recovery of the analyte 1,1-Dichloroethene in the water Matrix Spike Blank MSB42 (A8B1811003) exceeded quality control limits. However, all aqueous, field generated, Quality Control samples were associated with soil samples. Therefore, all aqueous samples were analyzed as soils and evaluated using soil Quality Control Limits.

The spike recovery of the analyte Chlorobenzene in the Matrix Spike Duplicate of sample SB-070/6-7.5 exceeded quality control limits. The Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

Linear regression was used to calibrate all analytes that were greater than 15% RSD in the initial calibration standard curves A8I0000432-1 and A8I0000477-1.

For method 8260, all water samples were preserved to a pH less than 2.

The sample SB-052/6-8(ROC) was analyzed using medium level techniques due to sample matrix. This sample and associated quality control samples were extracted together in an extraction batch but were analyzed in different analytical batches. The Method Blank VBLK 070108 and the Matrix Spike Blank MSB 070108 were analyzed in an analytical batch on 07/04/2008 that was prior to the field sample analyzed on 07/08/2008.

As a result of low volume, the sample TRIP BLANK (A8769105) was analyzed from a vial containing headspace. The volatile organic results may be biased low and all positive detections and non-detections should be considered estimated.

The analytes Acetone, 2-Butanone and Methylene Chloride were detected in the TRIP BLANK (A8769105) at a level above the reporting limit. These analytes were not detected in any of the associated samples, with the exception of sample SB-050/6-8.

The analytes Acetone and Methylene Chloride were detected in the TRIP BLANK (A8798806) at a level above the project established reporting limit. These analytes were also detected in the associated Method Blank at a similar concentration. As a result these detects have been qualified with a "B" and should be evaluated accordingly.

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GC/MS Semivolatile Data

The surrogate recovery for 2,4,6-Tribromophenol was above the laboratory quality control limits for sample SB-53/0-1(ROC). The surrogate recoveries for 2,4,6-Tribromophenol and p-Terphenyl-d14 were above laboratory quality control limits for samples SB-018/4-6, SB-070/6-7.5, the Matrix Spike and the Matrix Spike Duplicate of sample SB-070/6-7.5. Based on the laboratory SOP, one surrogate in each fraction (base/neutral or acid fraction) may have a recovery outside of the control limit with no corrective action necessary.

Due to a laboratory oversight, 80 ngs of internal standard was inadvertently added to samples SB-53/0-1(ROC), SB-018/4-6, SB-070/6-7.5, the Matrix Spike and Matrix Spike Duplicate of sample SB-070/6-7.5.

The spike recoveries of several analytes in the Matrix Spike and in the Matrix Spike Duplicate of sample SB-070/6-7.5 exceeded quality control limits. The associated Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

Due to an oversight prior to analysis, the initial calibration curve A8I0000516-1 had only a 4 point calibration for 2,4-Dinitrophenol. This was not discovered until data review. The Methylene Chloride had evaporated from the sample vials and the associated QC. They were brought back up to the volume marker with Methylene Chloride and reanalyzed under a compliant curve for this analyte. Several of the reanalyzed samples (SB-018/4-6 RI, SB-070/6-7.5 RI, SB-070/6-7.5 MS RI, SB-070/6-7.5 MSD RI, and SBLK109 RI) had low recoveries for the first two internal standards (1,4-Dichlorobenzene-d4 and Naphthalene-d8) which would make all compounds, surrogates and spike recoveries associated with them biased high. The Matrix spiked Blank SMSB109 RI had low recoveries for the first internal standard (1,4-Dichlorobenzene-d4) which would bias all compounds, spikes and surrogates associated with this internal standard high. Samples SB-018/4-6 RI and SB-070/6-7.5 RI had low recoveries for the third internal standard (Acenaphthene-d10) which would bias all compounds, spikes and surrogates associated with this internal standard high. The reanalysis of sample SB-53/0-1(ROC) RI had low surrogate recoveries for all surrogates. Both sets of data have been reported in this data package.

Linear regression was used to calibrate all analytes, with the exception of Hexachlorocyclopentadiene, 2,4-Dinitrophenol and Pentachlorophenol, that were greater than 15% RSD in the initial calibration standard curve A8I0000516-1. A quadratic equation was used to calibrate the analytes Hexachlorocyclopentadiene, 2,4-Dinitrophenol and Pentachlorophenol that was greater than 15% RSD in the initial calibration standard curve A8I0000516-1.

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A quadratic equation was used to calibrate all analytes, with the exception of 2-Fluorophenol, 4,6-Dinitro-2-methylphenol, 2,4,6-Tribromophenol and Pentachlorophenol, that were greater than 15% RSD in the initial calibration standard curve A8I0000469-1. Linear regression was used to calibrate the analytes 2-Fluorophenol, 4,6-Dinitro-2-methylphenol, 2,4,6-Tribromophenol and Pentachlorophenol that was greater than 15% RSD in the initial calibration standard curve A8I0000469-1.

Linear regression was used to calibrate all analytes that were greater than 15% RSD in the initial calibration standard curves A8I0000469-2 and A8I0000536-1.

Linear regression was used to calibrate all analytes, with the exception of Benzo(k)fluoranthene, that were greater than 15% RSD in the initial calibration standard curves A8I0000399-1 and A8I0000548-1. A quadratic equation was used to calibrate the analyte Benzo(k)fluoranthene that was greater than 15% RSD in the initial calibration standard curves A8I0000399-1 and A8I0000548-1.

Sample SB-036/7.5-8(ROC), 8270 soil, had an adjusted final volume during extraction due to extract matrix and viscosity.

The chromatographic peaks for Benzo(b)fluoranthene and Benzo(k)fluoranthene could not be resolved for samples SB-002/6-8, SB-51/0-1(ROC) and SB-050/0-1(ROC) due to the sample matrix. The final value is reported as Benzo(b)fluoranthene in this data package but should be considered an and/or value for both compounds.

GC Extractable Data

For method 8081, samples SB-036/7.5-8(ROC), SB-51/0-1(ROC), and SB-51/0-1(ROC)RE required dilution prior to analysis due to the heavy matrix present. The surrogate and spike recoveries are diluted out of all sample extracts with a dilution factor of 10X or greater.

For method 8081, the recoveries of surrogate Decachlorobiphenyl in samples SB-53/0-1(ROC) and SB-53/0-1(ROC)RE were outside of established quality control limits due to the sample matrix. The recovery of surrogate Tetrachloro-m-xylene is within quality control limits; no corrective action is required.

For methods 8081 and 8082, the response of the instrument is decreased due to the heavy matrix effects from the field samples, resulting in >15% difference in the continuing calibration verifications analyzed after these sample extracts. Subsequent continuing calibration verifications demonstrated compliance with routine quality control criteria, verifying the temporary nature of this effect.

For method 8082, all sample extracts and associated quality control required treatment with Copper prior to analysis due to the presence of elemental Sulfur.

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For method 8081, samples were re-extracted outside of holding time due to Method Blank contamination and low spike/surrogate recoveries in the Matrix Spike Blank A8B1833801. Both sets of data has been reported and the re-extracted samples are identified with an "RE" suffix on the laboratory ID.

Metals Data

The recovery of sample SB-002/6-8 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Antimony. Sample matrix is suspect. However, the LFB was acceptable.

The Serial Dilution of sample SB-002/6-8 exceeded the quality control limits for Copper, Lead and Zinc. However, the Post Spike was compliant for these elements. Therefore, no corrective action was necessary.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."



Jason R. Kacalski
Project Manager

8/7
Date

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Date: 08/07/2008
Time: 14:58:53

Dilution Log w/Code Information
For Project NY2A8951.6, SDG 7595

11/4151

Page: 1
Rept: AN1266R

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
SB-036/7.5-8(ROC)	A8759501	8081	50.00	010
SB-036/7.5-8(ROC)	A8759501	8270	5.00	012
SB-050/0-1(ROC)	A8769101	8270	4.00	012
SB-050/6-8	A8769102	8270	4.00	012
SB-050/6-8	A8769102	Mercury - Total	10.00	008
SB-052/0-1(ROC)	A8769103	8270	2.00	012
SB-51/0-1(ROC)	A8798801	8081	10.00	002
SB-51/0-1(ROC)	A8798801	8270	5.00	012
SB-51/0-1(ROC)	A8798801RE	8081	10.00	002
SB-53/0-1(ROC)	A8798802	8081	5.00	002
SB-53/0-1(ROC)	A8798802	8270	4.00	012
SB-53/0-1(ROC)	A8798802RE	8081	5.00	002
SB-53/0-1(ROC)	A8798802RI	8270	4.00	012
SB-002/6-8	A8798803	8270	5.00	012

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: TESTAMERICA LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
SB-002/6-8	A8798803	SW8463	SW8463	-	SW8463	SW8463	-	-
SB-018/4-6	A8798804	SW8463	SW8463	-	SW8463	SW8463	-	-
SB-036/7.5-8(ROC)	A8759501	SW8463	SW8463	-	SW8463	SW8463	-	-
SB-050/0-1(ROC)	A8769101	SW8463	SW8463	-	SW8463	SW8463	-	-
SB-050/6-8	A8769102	SW8463	SW8463	-	SW8463	SW8463	-	-
SB-052/0-1(ROC)	A8769103	SW8463	SW8463	-	-	-	-	-
SB-052/6-8(ROC)	A8769104	SW8463	SW8463	-	-	-	-	-
SB-070/6-7.5	A8798805	SW8463	SW8463	-	SW8463	SW8463	-	-
SB-51/0-1(ROC)	A8798801	SW8463	SW8463	-	SW8463	SW8463	-	-
SB-53/0-1(ROC)	A8798802	SW8463	SW8463	-	SW8463	SW8463	-	-

NYSDEC-1

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
SB-002/6-8	SOIL	07/01/2008	07/03/2008	-	07/04/2008
SB-018/4-6	SOIL	06/26/2008	07/03/2008	-	07/04/2008
SB-036/7.5-8(ROC)	SOIL	06/23/2008	06/26/2008	-	06/27/2008
SB-050/0-1(ROC)	SOIL	06/25/2008	06/27/2008	-	07/01/2008
SB-050/6-8	SOIL	06/25/2008	06/27/2008	-	07/01/2008
SB-052/0-1(ROC)	SOIL	06/26/2008	06/27/2008	-	07/01/2008
SB-052/6-8(ROC)	SOIL	06/26/2008	06/27/2008	-	07/08/2008
SB-070/6-7.5	SOIL	06/27/2008	07/03/2008	-	07/04/2008
SB-51/0-1(ROC)	SOIL	07/01/2008	07/03/2008	-	07/04/2008
SB-53/0-1(ROC)	SOIL	06/26/2008	07/03/2008	-	07/04/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B\N-A ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
SB-002/6-8	SOIL	07/01/2008	07/03/2008	07/07/2008	07/08/2008
SB-018/4-6	SOIL	06/26/2008	07/03/2008	07/07/2008	07/11-08/05/2008
SB-036/7.5-8(ROC)	SOIL	06/23/2008	06/26/2008	06/30/2008	07/01/2008
SB-050/0-1(ROC)	SOIL	06/25/2008	06/27/2008	07/01/2008	07/02/2008
SB-050/6-8	SOIL	06/25/2008	06/27/2008	07/01/2008	07/02/2008
SB-052/0-1(ROC)	SOIL	06/26/2008	06/27/2008	07/01/2008	07/02/2008
SB-052/6-8(ROC)	SOIL	06/26/2008	06/27/2008	07/01/2008	07/02/2008
SB-070/6-7.5	SOIL	06/27/2008	07/03/2008	07/07/2008	07/11-08/05/2008
SB-51/0-1(ROC)	SOIL	07/01/2008	07/03/2008	07/07/2008	07/08/2008
SB-53/0-1(ROC)	SOIL	06/26/2008	07/03/2008	07/07/2008	07/11-08/05/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
SB-002/6-8	SOIL	07/01/2008	07/03/2008	07/07-10/2008	07/08/2008
SB-018/4-6	SOIL	06/26/2008	07/03/2008	07/07-10/2008	07/08/2008
SB-036/7.5-8(ROC)	SOIL	06/23/2008	06/26/2008	07/01/2008	07/03/2008
SB-050/0-1(ROC)	SOIL	06/25/2008	06/27/2008	07/01/2008	07/02/2008
SB-050/6-8	SOIL	06/25/2008	06/27/2008	07/01/2008	07/02/2008
SB-070/6-7.5	SOIL	06/27/2008	07/03/2008	07/07-10/2008	07/08/2008
SB-51/0-1(ROC)	SOIL	07/01/2008	07/03/2008	07/07-10/2008	07/08/2008
SB-53/0-1(ROC)	SOIL	06/26/2008	07/03/2008	07/07-10/2008	07/08/2008

NYSDEC-4

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
SB-002/6-8	SOIL	PP METAL	07/03/2008	07/08/2008	07/08/2008
SB-018/4-6	SOIL	PP METAL	07/03/2008	07/08/2008	07/08/2008
SB-036/7.5-8(ROC)	SOIL	TAL ME	06/26/2008	06/30/2008	06/30-07/01/2008
SB-050/0-1(ROC)	SOIL	PP METAL	06/27/2008	07/01-02/2008	07/02/2008
SB-050/6-8	SOIL	PP METAL	06/27/2008	07/01-02/2008	07/02/2008
SB-070/6-7.5	SOIL	PP METAL	07/03/2008	07/08/2008	07/08/2008
SB-51/0-1(ROC)	SOIL	PP METAL	07/03/2008	07/08/2008	07/08/2008
SB-53/0-1(ROC)	SOIL	PP METAL	07/03/2008	07/08/2008	07/08/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
SB-002/6-8	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-018/4-6	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-036/7.5-8(ROC)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-050/0-1(ROC)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-050/6-8	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-052/0-1(ROC)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-052/6-8(ROC)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-070/6-7.5	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-51/0-1(ROC)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
SB-53/0-1(ROC)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONSAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
SB-002/6-8	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
SB-018/4-6	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
SB-036/7.5-8(ROC)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
SB-050/0-1(ROC)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
SB-050/6-8	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
SB-070/6-7.5	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
SB-51/0-1(ROC)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
SB-53/0-1(ROC)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED

NYSDEC-7



DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- G Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
- * Indicates the spike or duplicate analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

20/4151

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798803

Sample wt/vol: 5.16 (g/mL) G Lab File ID: F3078.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	30	U
71-43-2-----	Benzene	6	U
75-27-4-----	Bromodichloromethane	6	U
75-25-2-----	Bromofom	6	U
74-83-9-----	Bromomethane	6	U
78-93-3-----	2-Butanone	30	U
75-15-0-----	Carbon Disulfide	6	U
56-23-5-----	Carbon Tetrachloride	6	U
108-90-7-----	Chlorobenzene	6	U
75-00-3-----	Chloroethane	6	U
67-66-3-----	Chlorofom	6	U
74-87-3-----	Chloromethane	6	U
110-82-7-----	Cyclohexane	6	U
106-93-4-----	1,2-Dibromoethane	6	U
124-48-1-----	Dibromochloromethane	6	U
96-12-8-----	1,2-Dibromo-3-chloropropane	6	U
95-50-1-----	1,2-Dichlorobenzene	6	U
541-73-1-----	1,3-Dichlorobenzene	6	U
106-46-7-----	1,4-Dichlorobenzene	6	U
75-71-8-----	Dichlorodifluoromethane	6	U
75-34-3-----	1,1-Dichloroethane	6	U
107-06-2-----	1,2-Dichloroethane	6	U
75-35-4-----	1,1-Dichloroethene	6	U
156-59-2-----	cis-1,2-Dichloroethene	6	U
156-60-5-----	trans-1,2-Dichloroethene	6	U
78-87-5-----	1,2-Dichloropropane	6	U
10061-01-5----	cis-1,3-Dichloropropene	6	U
10061-02-6----	trans-1,3-Dichloropropene	6	U
100-41-4-----	Ethylbenzene	6	U
591-78-6-----	2-Hexanone	30	U
98-82-8-----	Isopropylbenzene	6	U
79-20-9-----	Methyl acetate	6	U
108-87-2-----	Methylcyclohexane	6	U
75-09-2-----	Methylene chloride	4	BJ

LABELIA ASSOCIATES
 LABELIA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 5.16 (g/mL) G Lab File ID: F3078.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

108-10-1-----	4-Methyl-2-pentanone	30		U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	6		U
100-42-5-----	Styrene	6		U
79-34-5-----	1,1,2,2-Tetrachloroethane	6		U
127-18-4-----	Tetrachloroethene	6		U
108-88-3-----	Toluene	6		U
120-82-1-----	1,2,4-Trichlorobenzene	6		U
71-55-6-----	1,1,1-Trichloroethane	6		U
79-00-5-----	1,1,2-Trichloroethane	6		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6		U
75-69-4-----	Trichlorofluoromethane	6		U
79-01-6-----	Trichloroethene	6		U
75-01-4-----	Vinyl chloride	12		U
1330-20-7-----	Total Xylenes	18		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-002/6-8

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 5.16 (g/mL) G Lab File ID: F3078.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. 18.2 Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 5.17 (g/mL) G Lab File ID: F3079.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: not dec. 16 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

67-64-1-----	Acetone		59	B
71-43-2-----	Benzene		6	U
75-27-4-----	Bromodichloromethane		6	U
75-25-2-----	Bromoform		6	U
74-83-9-----	Bromomethane		6	U
78-93-3-----	2-Butanone		29	U
75-15-0-----	Carbon Disulfide		6	U
56-23-5-----	Carbon Tetrachloride		6	U
108-90-7-----	Chlorobenzene		6	U
75-00-3-----	Chloroethane		6	U
67-66-3-----	Chloroform		6	U
74-87-3-----	Chloromethane		6	U
110-82-7-----	Cyclohexane		6	U
106-93-4-----	1,2-Dibromoethane		6	U
124-48-1-----	Dibromochloromethane		6	U
96-12-8-----	1,2-Dibromo-3-chloropropane		6	U
95-50-1-----	1,2-Dichlorobenzene		6	U
541-73-1-----	1,3-Dichlorobenzene		6	U
106-46-7-----	1,4-Dichlorobenzene		6	U
75-71-8-----	Dichlorodifluoromethane		6	U
75-34-3-----	1,1-Dichloroethane		6	U
107-06-2-----	1,2-Dichloroethane		6	U
75-35-4-----	1,1-Dichloroethene		6	U
156-59-2-----	cis-1,2-Dichloroethene		6	U
156-60-5-----	trans-1,2-Dichloroethene		6	U
78-87-5-----	1,2-Dichloropropane		6	U
10061-01-5----	cis-1,3-Dichloropropene		6	U
10061-02-6----	trans-1,3-Dichloropropene		6	U
100-41-4-----	Ethylbenzene		6	U
591-78-6-----	2-Hexanone		29	U
98-82-8-----	Isopropylbenzene		6	U
79-20-9-----	Methyl acetate		6	U
108-87-2-----	Methylcyclohexane		6	U
75-09-2-----	Methylene chloride		4	BJ

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOILLab Sample ID: A8798804Sample wt/vol: 5.17 (g/mL) GLab File ID: F3079.RRLevel: (low/med) LOWDate Samp/Recv: 06/26/2008 07/03/2008% Moisture: not dec. 16 Heated Purge: YDate Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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108-10-1-----	4-Methyl-2-pentanone	29		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6		U
100-42-5-----	Styrene	6		U
79-34-5-----	1,1,2,2-Tetrachloroethane	6		U
127-18-4-----	Tetrachloroethene	6		U
108-88-3-----	Toluene	6		U
120-82-1-----	1,2,4-Trichlorobenzene	6		U
71-55-6-----	1,1,1-Trichloroethane	6		U
79-00-5-----	1,1,2-Trichloroethane	6		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6		U
75-69-4-----	Trichlorofluoromethane	6		U
79-01-6-----	Trichloroethene	6		U
75-01-4-----	Vinyl chloride	12		U
1330-20-7-----	Total Xylenes	17		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-018/4-6

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798804

Sample wt/vol: 5.17 (g/mL) G Lab File ID: F3079.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: not dec. 16.2 Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 5.30 (g/mL) G Lab File ID: F2987.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: not dec. 22 Heated Purge: Y Date Analyzed: 06/27/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

67-64-1-----	Acetone	240		
71-43-2-----	Benzene	2		J
75-27-4-----	Bromodichloromethane	6		U
75-25-2-----	Bromoform	6		U
74-83-9-----	Bromomethane	6		U
78-93-3-----	2-Butanone	52		
75-15-0-----	Carbon Disulfide	3		J
56-23-5-----	Carbon Tetrachloride	6		U
108-90-7-----	Chlorobenzene	6		U
75-00-3-----	Chloroethane	6		U
67-66-3-----	Chloroform	6		U
74-87-3-----	Chloromethane	6		U
110-82-7-----	Cyclohexane	8		
106-93-4-----	1,2-Dibromoethane	6		U
124-48-1-----	Dibromochloromethane	6		U
96-12-8-----	1,2-Dibromo-3-chloropropane	6		U
95-50-1-----	1,2-Dichlorobenzene	6		U
541-73-1-----	1,3-Dichlorobenzene	6		U
106-46-7-----	1,4-Dichlorobenzene	6		U
75-71-8-----	Dichlorodifluoromethane	6		U
75-34-3-----	1,1-Dichloroethane	6		U
107-06-2-----	1,2-Dichloroethane	6		U
75-35-4-----	1,1-Dichloroethene	6		U
156-59-2-----	cis-1,2-Dichloroethene	6		U
156-60-5-----	trans-1,2-Dichloroethene	6		U
78-87-5-----	1,2-Dichloropropane	6		U
10061-01-5----	cis-1,3-Dichloropropene	6		U
10061-02-6----	trans-1,3-Dichloropropene	6		U
100-41-4-----	Ethylbenzene	19		
591-78-6-----	2-Hexanone	30		U
98-82-8-----	Isopropylbenzene	2		J
79-20-9-----	Methyl acetate	6		U
108-87-2-----	Methylcyclohexane	50		
75-09-2-----	Methylene chloride	10		

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

27/4151

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8759501

Sample wt/vol: 5.30 (g/mL) G Lab File ID: F2987.RR

Level: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008

% Moisture: not dec. 22 Heated Purge: Y Date Analyzed: 06/27/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-10-1-----	4-Methyl-2-pentanone	30		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6		U
100-42-5-----	Styrene	6		U
79-34-5-----	1,1,2,2-Tetrachloroethane	6		U
127-18-4-----	Tetrachloroethene	6		U
108-88-3-----	Toluene	26		
120-82-1-----	1,2,4-Trichlorobenzene	6		U
71-55-6-----	1,1,1-Trichloroethane	6		U
79-00-5-----	1,1,2-Trichloroethane	6		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6		U
75-69-4-----	Trichlorofluoromethane	6		U
79-01-6-----	Trichloroethene	6		U
75-01-4-----	Vinyl chloride	12		U
1330-20-7-----	Total Xylenes	100		

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 5.30 (g/mL) G Lab File ID: F2987.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: not dec. 22.2 Date Analyzed: 06/27/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 10
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 142-82-5	HEPTANE	4.27	32	JN
2. 592-27-8	HEPTANE, 2-METHYL-	5.25	36	JN
3. 111-65-9	N-OCTANE	5.77	40	JN
4.	UNKNOWN ALKANE	6.02	23	J
5.	UNKNOWN	6.75	22	J
6.	UNKNOWN	6.90	18	J
7.	UNKNOWN	8.35	42	J
8.	UNKNOWN BENZENE DERIVATIVE	8.57	42	J
9.	UNKNOWN	9.24	19	J
10.	UNKNOWN	9.67	19	J

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

29/4151

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769101

Sample wt/vol: 5.02 (g/mL) G Lab File ID: F3034.RR

Level: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008

% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
67-64-1-----	Acetone	31	U	
71-43-2-----	Benzene	6	U	
75-27-4-----	Bromodichloromethane	6	U	
75-25-2-----	Bromoform	6	U	
74-83-9-----	Bromomethane	6	U	
78-93-3-----	2-Butanone	31	U	
75-15-0-----	Carbon Disulfide	6	U	
56-23-5-----	Carbon Tetrachloride	6	U	
108-90-7-----	Chlorobenzene	6	U	
75-00-3-----	Chloroethane	6	U	
67-66-3-----	Chloroform	6	U	
74-87-3-----	Chloromethane	6	U	
110-82-7-----	Cyclohexane	6	U	
106-93-4-----	1,2-Dibromoethane	6	U	
124-48-1-----	Dibromochloromethane	6	U	
96-12-8-----	1,2-Dibromo-3-chloropropane	6	U	
95-50-1-----	1,2-Dichlorobenzene	6	U	
541-73-1-----	1,3-Dichlorobenzene	6	U	
106-46-7-----	1,4-Dichlorobenzene	6	U	
75-71-8-----	Dichlorodifluoromethane	6	U	
75-34-3-----	1,1-Dichloroethane	6	U	
107-06-2-----	1,2-Dichloroethane	6	U	
75-35-4-----	1,1-Dichloroethene	6	U	
156-59-2-----	cis-1,2-Dichloroethene	6	U	
156-60-5-----	trans-1,2-Dichloroethene	6	U	
78-87-5-----	1,2-Dichloropropane	6	U	
10061-01-5----	cis-1,3-Dichloropropene	6	U	
10061-02-6----	trans-1,3-Dichloropropene	6	U	
100-41-4-----	Ethylbenzene	6	U	
591-78-6-----	2-Hexanone	31	U	
98-82-8-----	Isopropylbenzene	6	U	
79-20-9-----	Methyl acetate	6	U	
108-87-2-----	Methylcyclohexane	6	U	
75-09-2-----	Methylene chloride	6	U	

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

30/4151

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769101

Sample wt/vol: 5.02 (g/mL) G Lab File ID: F3034.RR

Level: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008

% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-10-1-----	4-Methyl-2-pentanone	31		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6		U
100-42-5-----	Styrene	6		U
79-34-5-----	1,1,2,2-Tetrachloroethane	6		U
127-18-4-----	Tetrachloroethene	6		U
108-88-3-----	Toluene	6		U
120-82-1-----	1,2,4-Trichlorobenzene	6		U
71-55-6-----	1,1,1-Trichloroethane	6		U
79-00-5-----	1,1,2-Trichloroethane	6		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6		U
75-69-4-----	Trichlorofluoromethane	6		U
79-01-6-----	Trichloroethene	6		U
75-01-4-----	Vinyl chloride	12		U
1330-20-7-----	Total Xylenes	19		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-050/0-1(ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 5.02 (g/mL) G Lab File ID: F3034.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: not dec. 20.3 Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 5.12 (g/mL) G Lab File ID: F3035.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: not dec. 33 Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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67-64-1-----	Acetone		95	
71-43-2-----	Benzene		7	U
75-27-4-----	Bromodichloromethane		7	U
75-25-2-----	Bromofom		7	U
74-83-9-----	Bromomethane		7	U
78-93-3-----	2-Butanone		16	J
75-15-0-----	Carbon Disulfide		7	U
56-23-5-----	Carbon Tetrachloride		7	U
108-90-7-----	Chlorobenzene		7	U
75-00-3-----	Chloroethane		7	U
67-66-3-----	Chloroform		7	U
74-87-3-----	Chloromethane		7	U
110-82-7-----	Cyclohexane		2	J
106-93-4-----	1,2-Dibromoethane		7	U
124-48-1-----	Dibromochloromethane		7	U
96-12-8-----	1,2-Dibromo-3-chloropropane		7	U
95-50-1-----	1,2-Dichlorobenzene		7	U
541-73-1-----	1,3-Dichlorobenzene		7	U
106-46-7-----	1,4-Dichlorobenzene		7	U
75-71-8-----	Dichlorodifluoromethane		7	U
75-34-3-----	1,1-Dichloroethane		7	U
107-06-2-----	1,2-Dichloroethane		7	U
75-35-4-----	1,1-Dichloroethene		7	U
156-59-2-----	cis-1,2-Dichloroethene		7	U
156-60-5-----	trans-1,2-Dichloroethene		7	U
78-87-5-----	1,2-Dichloropropane		7	U
10061-01-5----	cis-1,3-Dichloropropene		7	U
10061-02-6----	trans-1,3-Dichloropropene		7	U
100-41-4-----	Ethylbenzene		7	U
591-78-6-----	2-Hexanone		37	U
98-82-8-----	Isopropylbenzene		7	U
79-20-9-----	Methyl acetate		7	U
108-87-2-----	Methylcyclohexane		3	J
75-09-2-----	Methylene chloride		3	J

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOILLab Sample ID: A8769102Sample wt/vol: 5.12 (g/mL) GLab File ID: F3035.RRLevel: (low/med) LOWDate Samp/Recv: 06/25/2008 06/27/2008% Moisture: not dec. 33 Heated Purge: YDate Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

108-10-1-----	4-Methyl-2-pentanone	37		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	7		U
100-42-5-----	Styrene	7		U
79-34-5-----	1,1,2,2-Tetrachloroethane	7		U
127-18-4-----	Tetrachloroethene	7		U
108-88-3-----	Toluene	7		U
120-82-1-----	1,2,4-Trichlorobenzene	7		U
71-55-6-----	1,1,1-Trichloroethane	7		U
79-00-5-----	1,1,2-Trichloroethane	7		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	7		U
75-69-4-----	Trichlorofluoromethane	7		U
79-01-6-----	Trichloroethene	7		U
75-01-4-----	Vinyl chloride	15		U
1330-20-7-----	Total Xylenes	22		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-050/6-8

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOILLab Sample ID: A8769102Sample wt/vol: 5.12 (g/mL) GLab File ID: F3035.RRLevel: (low/med) LOWDate Samp/Recv: 06/25/2008 06/27/2008% Moisture: not dec. 33.5Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	6.75	8	J

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

35/4151

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769103

Sample wt/vol: 5.21 (g/mL) G Lab File ID: F3036.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008

% Moisture: not dec. 14 Heated Purge: Y Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone		28	U
71-43-2-----	Benzene		6	U
75-27-4-----	Bromodichloromethane		6	U
75-25-2-----	Bromoform		6	U
74-83-9-----	Bromomethane		6	U
78-93-3-----	2-Butanone		28	U
75-15-0-----	Carbon Disulfide		6	U
56-23-5-----	Carbon Tetrachloride		6	U
108-90-7-----	Chlorobenzene		6	U
75-00-3-----	Chloroethane		6	U
67-66-3-----	Chloroform		6	U
74-87-3-----	Chloromethane		6	U
110-82-7-----	Cyclohexane		6	U
106-93-4-----	1,2-Dibromoethane		6	U
124-48-1-----	Dibromochloromethane		6	U
96-12-8-----	1,2-Dibromo-3-chloropropane		6	U
95-50-1-----	1,2-Dichlorobenzene		6	U
541-73-1-----	1,3-Dichlorobenzene		6	U
106-46-7-----	1,4-Dichlorobenzene		6	U
75-71-8-----	Dichlorodifluoromethane		6	U
75-34-3-----	1,1-Dichloroethane		6	U
107-06-2-----	1,2-Dichloroethane		6	U
75-35-4-----	1,1-Dichloroethene		6	U
156-59-2-----	cis-1,2-Dichloroethene		6	U
156-60-5-----	trans-1,2-Dichloroethene		6	U
78-87-5-----	1,2-Dichloropropane		6	U
10061-01-5----	cis-1,3-Dichloropropene		6	U
10061-02-6----	trans-1,3-Dichloropropene		6	U
100-41-4-----	Ethylbenzene		6	U
591-78-6-----	2-Hexanone		28	U
98-82-8-----	Isopropylbenzene		6	U
79-20-9-----	Methyl acetate		6	U
108-87-2-----	Methylcyclohexane		6	U
75-09-2-----	Methylene chloride		6	U

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

36/4151

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769103

Sample wt/vol: 5.21 (g/mL) G Lab File ID: F3036.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008

% Moisture: not dec. 14 Heated Purge: Y Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-10-1-----	4-Methyl-2-pentanone	28	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5-----	Styrene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
127-18-4-----	Tetrachloroethene	6	U
108-88-3-----	Toluene	6	U
120-82-1-----	1,2,4-Trichlorobenzene	6	U
71-55-6-----	1,1,1-Trichloroethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4-----	Trichlorofluoromethane	6	U
79-01-6-----	Trichloroethene	6	U
75-01-4-----	Vinyl chloride	11	U
1330-20-7-----	Total Xylenes	17	U

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOILLab Sample ID: A8769103Sample wt/vol: 5.21 (g/mL) GLab File ID: F3036.RRLevel: (low/med) LOWDate Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. 14.0Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

38/4151

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769104

Sample wt/vol: 4.30 (g/mL) G Lab File ID: P9239.RR

Level: (low/med) MED Date Samp/Recv: 06/26/2008 06/27/2008

% Moisture: not dec. 18 Heated Purge: N Date Analyzed: 07/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	710	U
71-43-2-----	Benzene	140	U
75-27-4-----	Bromodichloromethane	140	U
75-25-2-----	Bromoform	140	U
74-83-9-----	Bromomethane	140	U
78-93-3-----	2-Butanone	710	U
75-15-0-----	Carbon Disulfide	140	U
56-23-5-----	Carbon Tetrachloride	140	U
108-90-7-----	Chlorobenzene	140	U
75-00-3-----	Chloroethane	140	U
67-66-3-----	Chloroform	140	U
74-87-3-----	Chloromethane	140	U
110-82-7-----	Cyclohexane	140	U
106-93-4-----	1,2-Dibromoethane	140	U
124-48-1-----	Dibromochloromethane	140	U
96-12-8-----	1,2-Dibromo-3-chloropropane	140	U
95-50-1-----	1,2-Dichlorobenzene	140	U
541-73-1-----	1,3-Dichlorobenzene	140	U
106-46-7-----	1,4-Dichlorobenzene	140	U
75-71-8-----	Dichlorodifluoromethane	140	U
75-34-3-----	1,1-Dichloroethane	140	U
107-06-2-----	1,2-Dichloroethane	140	U
75-35-4-----	1,1-Dichloroethene	140	U
156-59-2-----	cis-1,2-Dichloroethene	140	U
156-60-5-----	trans-1,2-Dichloroethene	140	U
78-87-5-----	1,2-Dichloropropane	140	U
10061-01-5----	cis-1,3-Dichloropropene	140	U
10061-02-6----	trans-1,3-Dichloropropene	140	U
100-41-4-----	Ethylbenzene	140	U
591-78-6-----	2-Hexanone	710	U
98-82-8-----	Isopropylbenzene	140	U
79-20-9-----	Methyl acetate	200	
108-87-2-----	Methylcyclohexane	140	U
75-09-2-----	Methylene chloride	140	U

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

39/4151

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769104

Sample wt/vol: 4.30 (g/mL) G Lab File ID: P9239.RR

Level: (low/med) MED Date Samp/Recv: 06/26/2008 06/27/2008

% Moisture: not dec. 18 Heated Purge: N Date Analyzed: 07/08/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-10-1-----	4-Methyl-2-pentanone	710	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	140	U
100-42-5-----	Styrene	140	U
79-34-5-----	1,1,2,2-Tetrachloroethane	140	U
127-18-4-----	Tetrachloroethene	140	U
108-88-3-----	Toluene	140	U
120-82-1-----	1,2,4-Trichlorobenzene	140	U
71-55-6-----	1,1,1-Trichloroethane	140	U
79-00-5-----	1,1,2-Trichloroethane	140	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	140	U
75-69-4-----	Trichlorofluoromethane	140	U
79-01-6-----	Trichloroethene	140	U
75-01-4-----	Vinyl chloride	280	U
1330-20-7-----	Total Xylenes	420	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOILLab Sample ID: A8769104Sample wt/vol: 4.30 (g/mL) GLab File ID: P9239.RRLevel: (low/med) MEDDate Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. 18.1Date Analyzed: 07/08/2008GC Column: ZB-624 ID: 0.25 (mm)Dilution Factor: 1.00Soil Extract Volume: 10000 (uL)Soil Aliquot Volume: 100.00 (uL)Number TICs found: 10
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	10.28	5700	J
2. 589-90-2	CYCLOHEXANE, 1,4-DIMETHYL-	12.16	5600	JN
3. 3073-66-3	CYCLOHAXANE, 1,1,3-TRIMETHY-	12.86	6700	JN
4. 19489-10-2	CIS-1-ETHYL-3-METHYL-CYCLOH	13.88	7200	JN
5.	UNKNOWN	14.29	6200	J
6.	UNKNOWN	14.48	9200	J
7.	UNKNOWN	14.76	6300	J
8. 1678-93-9	CYCLOHEXANE, BUTYL-	16.68	6000	JN
9.	UNKNOWN	17.49	6000	J
10.	UNKNOWN	18.45	6600	J

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

41/4151

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805

Sample wt/vol: 5.09 (g/mL) G Lab File ID: F3080.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
67-64-1-----	Acetone	76		B
71-43-2-----	Benzene	6		U
75-27-4-----	Bromodichloromethane	6		U
75-25-2-----	Bromoform	6		U
74-83-9-----	Bromomethane	6		U
78-93-3-----	2-Butanone	12		J
75-15-0-----	Carbon Disulfide	6		U
56-23-5-----	Carbon Tetrachloride	6		U
108-90-7-----	Chlorobenzene	6		U
75-00-3-----	Chloroethane	6		U
67-66-3-----	Chloroform	6		U
74-87-3-----	Chloromethane	6		U
110-82-7-----	Cyclohexane	6		U
106-93-4-----	1,2-Dibromoethane	6		U
124-48-1-----	Dibromochloromethane	6		U
96-12-8-----	1,2-Dibromo-3-chloropropane	6		U
95-50-1-----	1,2-Dichlorobenzene	6		U
541-73-1-----	1,3-Dichlorobenzene	6		U
106-46-7-----	1,4-Dichlorobenzene	6		U
75-71-8-----	Dichlorodifluoromethane	6		U
75-34-3-----	1,1-Dichloroethane	6		U
107-06-2-----	1,2-Dichloroethane	6		U
75-35-4-----	1,1-Dichloroethene	6		U
156-59-2-----	cis-1,2-Dichloroethene	6		U
156-60-5-----	trans-1,2-Dichloroethene	6		U
78-87-5-----	1,2-Dichloropropane	6		U
10061-01-5----	cis-1,3-Dichloropropene	6		U
10061-02-6----	trans-1,3-Dichloropropene	6		U
100-41-4-----	Ethylbenzene	6		U
591-78-6-----	2-Hexanone	31		U
98-82-8-----	Isopropylbenzene	6		U
79-20-9-----	Methyl acetate	6		U
108-87-2-----	Methylcyclohexane	6		U
75-09-2-----	Methylene chloride	6		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

42/4151

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805

Sample wt/vol: 5.09 (g/mL) G Lab File ID: F3080.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-10-1-----	4-Methyl-2-pentanone	31		U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	6		U
100-42-5-----	Styrene	6		U
79-34-5-----	1,1,2,2-Tetrachloroethane	6		U
127-18-4-----	Tetrachloroethene	6		U
108-88-3-----	Toluene	6		U
120-82-1-----	1,2,4-Trichlorobenzene	6		U
71-55-6-----	1,1,1-Trichloroethane	6		U
79-00-5-----	1,1,2-Trichloroethane	6		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6		U
75-69-4-----	Trichlorofluoromethane	6		U
79-01-6-----	Trichloroethene	6		U
75-01-4-----	Vinyl chloride	12		U
1330-20-7----	Total Xylenes	18		U

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 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805Sample wt/vol: 5.09 (g/mL) G Lab File ID: F3080.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: not dec. 20.0 Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

44/4151

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801

Sample wt/vol: 5.18 (g/mL) G Lab File ID: F3076.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: not dec. 10 Heated Purge: Y Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1	Acetone		27	U
71-43-2	Benzene		5	U
75-27-4	Bromodichloromethane		5	U
75-25-2	Bromoform		5	U
74-83-9	Bromomethane		5	U
78-93-3	2-Butanone		27	U
75-15-0	Carbon Disulfide		5	U
56-23-5	Carbon Tetrachloride		5	U
108-90-7	Chlorobenzene		5	U
75-00-3	Chloroethane		5	U
67-66-3	Chloroform		5	U
74-87-3	Chloromethane		5	U
110-82-7	Cyclohexane		5	U
106-93-4	1,2-Dibromoethane		5	U
124-48-1	Dibromochloromethane		5	U
96-12-8	1,2-Dibromo-3-chloropropane		5	U
95-50-1	1,2-Dichlorobenzene		5	U
541-73-1	1,3-Dichlorobenzene		5	U
106-46-7	1,4-Dichlorobenzene		5	U
75-71-8	Dichlorodifluoromethane		5	U
75-34-3	1,1-Dichloroethane		5	U
107-06-2	1,2-Dichloroethane		5	U
75-35-4	1,1-Dichloroethene		5	U
156-59-2	cis-1,2-Dichloroethene		5	U
156-60-5	trans-1,2-Dichloroethene		5	U
78-87-5	1,2-Dichloropropane		5	U
10061-01-5	cis-1,3-Dichloropropene		5	U
10061-02-6	trans-1,3-Dichloropropene		5	U
100-41-4	Ethylbenzene		5	U
591-78-6	2-Hexanone		27	U
98-82-8	Isopropylbenzene		5	U
79-20-9	Methyl acetate		5	U
108-87-2	Methylcyclohexane		5	U
75-09-2	Methylene chloride		2	BJ

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

45/4151

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801

Sample wt/vol: 5.18 (g/mL) G Lab File ID: F3076.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: not dec. 10 Heated Purge: Y Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-10-1-----	4-Methyl-2-pentanone	27	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5-----	Styrene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
108-88-3-----	Toluene	5	U
120-82-1-----	1,2,4-Trichlorobenzene	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
79-01-6-----	Trichloroethene	5	U
75-01-4-----	Vinyl chloride	11	U
1330-20-7-----	Total Xylenes	16	U

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801

Sample wt/vol: 5.18 (g/mL) G Lab File ID: F3076.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: not dec. 10.1 Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802Sample wt/vol: 5.19 (g/mL) G Lab File ID: F3077.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: not dec. 19 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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67-64-1	Acetone		30	U
71-43-2	Benzene		6	U
75-27-4	Bromodichloromethane		6	U
75-25-2	Bromoform		6	U
74-83-9	Bromomethane		6	U
78-93-3	2-Butanone		30	U
75-15-0	Carbon Disulfide		6	U
56-23-5	Carbon Tetrachloride		6	U
108-90-7	Chlorobenzene		6	U
75-00-3	Chloroethane		6	U
67-66-3	Chloroform		6	U
74-87-3	Chloromethane		6	U
110-82-7	Cyclohexane		6	U
106-93-4	1,2-Dibromoethane		6	U
124-48-1	Dibromochloromethane		6	U
96-12-8	1,2-Dibromo-3-chloropropane		6	U
95-50-1	1,2-Dichlorobenzene		6	U
541-73-1	1,3-Dichlorobenzene		6	U
106-46-7	1,4-Dichlorobenzene		6	U
75-71-8	Dichlorodifluoromethane		6	U
75-34-3	1,1-Dichloroethane		6	U
107-06-2	1,2-Dichloroethane		6	U
75-35-4	1,1-Dichloroethene		6	U
156-59-2	cis-1,2-Dichloroethene		6	U
156-60-5	trans-1,2-Dichloroethene		6	U
78-87-5	1,2-Dichloropropane		6	U
10061-01-5	cis-1,3-Dichloropropene		6	U
10061-02-6	trans-1,3-Dichloropropene		6	U
100-41-4	Ethylbenzene		6	U
591-78-6	2-Hexanone		30	U
98-82-8	Isopropylbenzene		6	U
79-20-9	Methyl acetate		6	U
108-87-2	Methylcyclohexane		6	U
75-09-2	Methylene chloride		6	U

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

48/4151

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F3077.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: not dec. 19 Heated Purge: Y Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-10-1-----	4-Methyl-2-pentanone		30	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		6	U
100-42-5-----	Styrene		6	U
79-34-5-----	1,1,2,2-Tetrachloroethane		6	U
127-18-4-----	Tetrachloroethene		6	U
108-88-3-----	Toluene		6	U
120-82-1-----	1,2,4-Trichlorobenzene		6	U
71-55-6-----	1,1,1-Trichloroethane		6	U
79-00-5-----	1,1,2-Trichloroethane		6	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		6	U
75-69-4-----	Trichlorofluoromethane		6	U
79-01-6-----	Trichloroethene		6	U
75-01-4-----	Vinyl chloride		12	U
1330-20-7-----	Total Xylenes		18	U

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 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F3077.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: not dec. 18.7 Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

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Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8769105Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3042.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
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67-64-1-----	Acetone		29	
71-43-2-----	Benzene		1.0	U
75-27-4-----	Bromodichloromethane		1.0	U
75-25-2-----	Bromoform		1.0	U
74-83-9-----	Bromomethane		1.0	U
78-93-3-----	2-Butanone		5.1	
75-15-0-----	Carbon Disulfide		1.0	U
56-23-5-----	Carbon Tetrachloride		1.0	U
108-90-7-----	Chlorobenzene		1.0	U
75-00-3-----	Chloroethane		1.0	U
67-66-3-----	Chloroform		1.0	U
74-87-3-----	Chloromethane		1.0	U
110-82-7-----	Cyclohexane		1.0	U
106-93-4-----	1,2-Dibromoethane		1.0	U
124-48-1-----	Dibromochloromethane		1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane		1.0	U
95-50-1-----	1,2-Dichlorobenzene		1.0	U
541-73-1-----	1,3-Dichlorobenzene		1.0	U
106-46-7-----	1,4-Dichlorobenzene		1.0	U
75-71-8-----	Dichlorodifluoromethane		1.0	U
75-34-3-----	1,1-Dichloroethane		1.0	U
107-06-2-----	1,2-Dichloroethane		1.0	U
75-35-4-----	1,1-Dichloroethene		1.0	U
156-59-2-----	cis-1,2-Dichloroethene		1.0	U
156-60-5-----	trans-1,2-Dichloroethene		1.0	U
78-87-5-----	1,2-Dichloropropane		1.0	U
10061-01-5----	cis-1,3-Dichloropropene		1.0	U
10061-02-6----	trans-1,3-Dichloropropene		1.0	U
100-41-4-----	Ethylbenzene		1.0	U
591-78-6-----	2-Hexanone		5.0	U
98-82-8-----	Isopropylbenzene		1.0	U
79-20-9-----	Methyl acetate		1.0	U
108-87-2-----	Methylcyclohexane		1.0	U
75-09-2-----	Methylene chloride		6.8	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8769105Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3042.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	5.0	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	1.0	U
108-88-3-----	Toluene	1.0	U
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4-----	Trichlorofluoromethane	1.0	U
79-01-6-----	Trichloroethene	1.0	U
75-01-4-----	Vinyl chloride	1.0	U
1330-20-7----	Total Xylenes	3.0	U

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 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TRIP BLANK

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8769105Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3042.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. _____ Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 4CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	3.35	19	J
2.	UNKNOWN	6.02	12	J
3. 66-25-1	HEXANAL	6.36	5	JN
4.	UNKNOWN	8.43	6	J

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8798806Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3083.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
67-64-1	Acetone		5.9	B
71-43-2	Benzene		1.0	U
75-27-4	Bromodichloromethane		1.0	U
75-25-2	Bromoform		1.0	U
74-83-9	Bromomethane		1.0	U
78-93-3	2-Butanone		5.0	U
75-15-0	Carbon Disulfide		1.0	U
56-23-5	Carbon Tetrachloride		1.0	U
108-90-7	Chlorobenzene		1.0	U
75-00-3	Chloroethane		1.0	U
67-66-3	Chloroform		1.0	U
74-87-3	Chloromethane		1.0	U
110-82-7	Cyclohexane		1.0	U
106-93-4	1,2-Dibromoethane		1.0	U
124-48-1	Dibromochloromethane		1.0	U
96-12-8	1,2-Dibromo-3-chloropropane		1.0	U
95-50-1	1,2-Dichlorobenzene		1.0	U
541-73-1	1,3-Dichlorobenzene		1.0	U
106-46-7	1,4-Dichlorobenzene		1.0	U
75-71-8	Dichlorodifluoromethane		1.0	U
75-34-3	1,1-Dichloroethane		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
75-35-4	1,1-Dichloroethene		1.0	U
156-59-2	cis-1,2-Dichloroethene		1.0	U
156-60-5	trans-1,2-Dichloroethene		1.0	U
78-87-5	1,2-Dichloropropane		1.0	U
10061-01-5	cis-1,3-Dichloropropene		1.0	U
10061-02-6	trans-1,3-Dichloropropene		1.0	U
100-41-4	Ethylbenzene		1.0	U
591-78-6	2-Hexanone		5.0	U
98-82-8	Isopropylbenzene		1.0	U
79-20-9	Methyl acetate		1.0	U
108-87-2	Methylcyclohexane		1.0	U
75-09-2	Methylene chloride		4.1	B

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

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Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8798806Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3083.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-10-1-----	4-Methyl-2-pentanone		5.0	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)		1.0	U
100-42-5-----	Styrene		1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane		1.0	U
127-18-4-----	Tetrachloroethene		1.0	U
108-88-3-----	Toluene		1.0	U
120-82-1-----	1,2,4-Trichlorobenzene		1.0	U
71-55-6-----	1,1,1-Trichloroethane		1.0	U
79-00-5-----	1,1,2-Trichloroethane		1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		1.0	U
75-69-4-----	Trichlorofluoromethane		1.0	U
79-01-6-----	Trichloroethene		1.0	U
75-01-4-----	Vinyl chloride		1.0	U
1330-20-7-----	Total Xylenes		3.0	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

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Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) WATER Lab Sample ID: A8798806

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3083.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: not dec. _____ Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 30.80 (g/mL) G Lab File ID: W24913.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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83-32-9-----	Acenaphthene		970	U
208-96-8-----	Acenaphthylene		970	U
98-86-2-----	Acetophenone		970	U
120-12-7-----	Anthracene		100	J
1912-24-9-----	Atrazine		970	U
100-52-7-----	Benzaldehyde		970	U
56-55-3-----	Benzo (a) anthracene		410	J
205-99-2-----	Benzo (b) fluoranthene		520	J
207-08-9-----	Benzo (k) fluoranthene		970	U
191-24-2-----	Benzo (ghi) perylene		200	J
50-32-8-----	Benzo (a) pyrene		360	J
92-52-4-----	Biphenyl		970	U
111-91-1-----	Bis (2-chloroethoxy) methane		970	U
111-44-4-----	Bis (2-chloroethyl) ether		970	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		970	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		970	U
101-55-3-----	4-Bromophenyl phenyl ether		970	U
85-68-7-----	Butyl benzyl phthalate		970	U
105-60-2-----	Caprolactam		970	U
106-47-8-----	4-Chloroaniline		970	U
59-50-7-----	4-Chloro-3-methylphenol		970	U
91-58-7-----	2-Chloronaphthalene		970	U
95-57-8-----	2-Chlorophenol		970	U
7005-72-3-----	4-Chlorophenyl phenyl ether		970	U
86-74-8-----	Carbazole		970	U
218-01-9-----	Chrysene		590	BJ
53-70-3-----	Dibenzo (a,h) anthracene		77	J
132-64-9-----	Dibenzofuran		970	U
84-74-2-----	Di-n-butyl phthalate		970	U
91-94-1-----	3,3'-Dichlorobenzidine		970	U
120-83-2-----	2,4-Dichlorophenol		970	U
84-66-2-----	Diethyl phthalate		100	J

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 30.80 (g/mL) G Lab File ID: W24913.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9-----	2,4-Dimethylphenol		970	U
131-11-3-----	Dimethyl phthalate		970	U
534-52-1-----	4,6-Dinitro-2-methylphenol		1900	U
51-28-5-----	2,4-Dinitrophenol		1900	U
121-14-2-----	2,4-Dinitrotoluene		970	U
606-20-2-----	2,6-Dinitrotoluene		970	U
117-84-0-----	Di-n-octyl phthalate		970	U
206-44-0-----	Fluoranthene		680	J
86-73-7-----	Fluorene		970	U
118-74-1-----	Hexachlorobenzene		970	U
87-68-3-----	Hexachlorobutadiene		970	U
77-47-4-----	Hexachlorocyclopentadiene		970	U
67-72-1-----	Hexachloroethane		970	U
193-39-5-----	Indeno(1,2,3-cd)pyrene		160	J
78-59-1-----	Isophorone		970	U
91-57-6-----	2-Methylnaphthalene		970	U
95-48-7-----	2-Methylphenol		970	U
106-44-5-----	4-Methylphenol		970	U
91-20-3-----	Naphthalene		970	U
88-74-4-----	2-Nitroaniline		1900	U
99-09-2-----	3-Nitroaniline		1900	U
100-01-6-----	4-Nitroaniline		1900	U
98-95-3-----	Nitrobenzene		970	U
88-75-5-----	2-Nitrophenol		970	U
100-02-7-----	4-Nitrophenol		1900	U
86-30-6-----	N-nitrosodiphenylamine		970	U
621-64-7-----	N-Nitroso-Di-n-propylamine		970	U
87-86-5-----	Pentachlorophenol		1900	U
85-01-8-----	Phenanthrene		620	J
108-95-2-----	Phenol		970	U
129-00-0-----	Pyrene		690	J
95-95-4-----	2,4,5-Trichlorophenol		970	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798803

Sample wt/vol: 30.80 (g/mL) G Lab File ID: W24913.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol	970	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-002/6-8

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798803

Sample wt/vol: 30.80 (g/mL) G Lab File ID: W24913.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: 14.9 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 30.11 (g/mL) G Lab File ID: W24992.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene	200		U
208-96-8-----	Acenaphthylene	200		U
98-86-2-----	Acetophenone	200		U
120-12-7-----	Anthracene	200		U
1912-24-9-----	Atrazine	200		U
100-52-7-----	Benzaldehyde	200		U
56-55-3-----	Benzo (a) anthracene	77		J
205-99-2-----	Benzo (b) fluoranthene	94		J
207-08-9-----	Benzo (k) fluoranthene	31		J
191-24-2-----	Benzo (ghi) perylene	46		J
50-32-8-----	Benzo (a) pyrene	71		J
92-52-4-----	Biphenyl	200		U
111-91-1-----	Bis (2-chloroethoxy) methane	200		U
111-44-4-----	Bis (2-chloroethyl) ether	200		U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	200		U
117-81-7-----	Bis (2-ethylhexyl) phthalate	210		
101-55-3-----	4-Bromophenyl phenyl ether	200		U
85-68-7-----	Butyl benzyl phthalate	200		U
105-60-2-----	Caprolactam	200		U
106-47-8-----	4-Chloroaniline	200		U
59-50-7-----	4-Chloro-3-methylphenol	200		U
91-58-7-----	2-Chloronaphthalene	200		U
95-57-8-----	2-Chlorophenol	200		U
7005-72-3-----	4-Chlorophenyl phenyl ether	200		U
86-74-8-----	Carbazole	200		U
218-01-9-----	Chrysene	100		BJ
53-70-3-----	Dibenzo (a, h) anthracene	15		J
132-64-9-----	Dibenzofuran	200		U
84-74-2-----	Di-n-butyl phthalate	69		J
91-94-1-----	3,3'-Dichlorobenzidine	200		U
120-83-2-----	2,4-Dichlorophenol	200		U
84-66-2-----	Diethyl phthalate	200		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 30.11 (g/mL) G Lab File ID: W24992.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9-----	2,4-Dimethylphenol		200	U
131-11-3-----	Dimethyl phthalate		200	U
534-52-1-----	4,6-Dinitro-2-methylphenol		390	U
51-28-5-----	2,4-Dinitrophenol		390	U
121-14-2-----	2,4-Dinitrotoluene		200	U
606-20-2-----	2,6-Dinitrotoluene		200	U
117-84-0-----	Di-n-octyl phthalate		30	J
206-44-0-----	Fluoranthene		110	J
86-73-7-----	Fluorene		200	U
118-74-1-----	Hexachlorobenzene		200	U
87-68-3-----	Hexachlorobutadiene		200	U
77-47-4-----	Hexachlorocyclopentadiene		200	U
67-72-1-----	Hexachloroethane		200	U
193-39-5-----	Indeno (1,2,3-cd) pyrene		40	J
78-59-1-----	Isophorone		200	U
91-57-6-----	2-Methylnaphthalene		200	U
95-48-7-----	2-Methylphenol		200	U
106-44-5-----	4-Methylphenol		200	U
91-20-3-----	Naphthalene		200	U
88-74-4-----	2-Nitroaniline		390	U
99-09-2-----	3-Nitroaniline		390	U
100-01-6-----	4-Nitroaniline		390	U
98-95-3-----	Nitrobenzene		200	U
88-75-5-----	2-Nitrophenol		200	U
100-02-7-----	4-Nitrophenol		390	U
86-30-6-----	N-nitrosodiphenylamine		200	U
621-64-7-----	N-Nitroso-Di-n-propylamine		200	U
87-86-5-----	Pentachlorophenol		390	U
85-01-8-----	Phenanthrene		51	J
108-95-2-----	Phenol		200	U
129-00-0-----	Pyrene		89	J
95-95-4-----	2,4,5-Trichlorophenol		200	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798804

Sample wt/vol: 30.11 (g/mL) G Lab File ID: W24992.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		200	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-018/4-6

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 30.11 (g/mL) G Lab File ID: W24992.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16.0 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 0
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804RISample wt/vol: 30.11 (g/mL) G Lab File ID: X25518.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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83-32-9-----	Acenaphthene	200	U
208-96-8-----	Acenaphthylene	46	J
98-86-2-----	Acetophenone	200	U
120-12-7-----	Anthracene	11	J
1912-24-9-----	Atrazine	200	U
100-52-7-----	Benzaldehyde	200	U
56-55-3-----	Benzo (a) anthracene	35	J
205-99-2-----	Benzo (b) fluoranthene	61	J
207-08-9-----	Benzo (k) fluoranthene	29	J
191-24-2-----	Benzo (ghi) perylene	27	J
50-32-8-----	Benzo (a) pyrene	36	J
92-52-4-----	Biphenyl	200	U
111-91-1-----	Bis (2-chloroethoxy) methane	200	U
111-44-4-----	Bis (2-chloroethyl) ether	200	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	200	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	97	J
101-55-3-----	4-Bromophenyl phenyl ether	200	U
85-68-7-----	Butyl benzyl phthalate	200	U
105-60-2-----	Caprolactam	200	U
106-47-8-----	4-Chloroaniline	200	U
59-50-7-----	4-Chloro-3-methylphenol	200	U
91-58-7-----	2-Chloronaphthalene	200	U
95-57-8-----	2-Chlorophenol	200	U
7005-72-3-----	4-Chlorophenyl phenyl ether	200	U
86-74-8-----	Carbazole	200	U
218-01-9-----	Chrysene	63	BJ
53-70-3-----	Dibenzo (a, h) anthracene	200	U
132-64-9-----	Dibenzofuran	200	U
84-74-2-----	Di-n-butyl phthalate	200	U
91-94-1-----	3,3'-Dichlorobenzidine	200	U
120-83-2-----	2,4-Dichlorophenol	200	U
84-66-2-----	Diethyl phthalate	200	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804RISample wt/vol: 30.11 (g/mL) G Lab File ID: X25518.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9-----	2,4-Dimethylphenol		200	U
131-11-3-----	Dimethyl phthalate		200	U
534-52-1-----	4,6-Dinitro-2-methylphenol		390	U
51-28-5-----	2,4-Dinitrophenol		390	U
121-14-2-----	2,4-Dinitrotoluene		200	U
606-20-2-----	2,6-Dinitrotoluene		200	U
117-84-0-----	Di-n-octyl phthalate		200	U
206-44-0-----	Fluoranthene		72	J
86-73-7-----	Fluorene		200	U
118-74-1-----	Hexachlorobenzene		200	U
87-68-3-----	Hexachlorobutadiene		200	U
77-47-4-----	Hexachlorocyclopentadiene		200	U
67-72-1-----	Hexachloroethane		200	U
193-39-5-----	Indeno(1,2,3-cd)pyrene		20	J
78-59-1-----	Isophorone		200	U
91-57-6-----	2-Methylnaphthalene		200	U
95-48-7-----	2-Methylphenol		200	U
106-44-5-----	4-Methylphenol		200	U
91-20-3-----	Naphthalene		200	U
88-74-4-----	2-Nitroaniline		390	U
99-09-2-----	3-Nitroaniline		390	U
100-01-6-----	4-Nitroaniline		390	U
98-95-3-----	Nitrobenzene		200	U
88-75-5-----	2-Nitrophenol		200	U
100-02-7-----	4-Nitrophenol		390	U
86-30-6-----	N-nitrosodiphenylamine		200	U
621-64-7-----	N-Nitroso-Di-n-propylamine		200	U
87-86-5-----	Pentachlorophenol		390	U
85-01-8-----	Phenanthrene		32	J
108-95-2-----	Phenol		200	U
129-00-0-----	Pyrene		48	J
95-95-4-----	2,4,5-Trichlorophenol		200	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804RISample wt/vol: 30.11 (g/mL) G Lab File ID: X25518.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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88-06-2-----	2,4,6-Trichlorophenol		200	U
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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-018/4-6

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOILLab Sample ID: A8798804RISample wt/vol: 30.11 (g/mL) GLab File ID: X25518.RRLevel: (low/med) LOWDate Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16.0 decanted: (Y/N) NDate Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL)Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL)Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	9.69	320	J

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 30.25 (g/mL) G Lab File ID: X24776.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: 23 decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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83-32-9-----	Acenaphthene	11000	U	
208-96-8-----	Acenaphthylene	11000	U	
98-86-2-----	Acetophenone	11000	U	
120-12-7-----	Anthracene	11000	U	
1912-24-9-----	Atrazine	11000	U	
100-52-7-----	Benzaldehyde	11000	U	
56-55-3-----	Benzo (a) anthracene	2600	J	
205-99-2-----	Benzo (b) fluoranthene	11000	U	
207-08-9-----	Benzo (k) fluoranthene	11000	U	
191-24-2-----	Benzo (ghi) perylene	11000	U	
50-32-8-----	Benzo (a) pyrene	560	J	
92-52-4-----	Biphenyl	11000	U	
111-91-1-----	Bis (2-chloroethoxy) methane	11000	U	
111-44-4-----	Bis (2-chloroethyl) ether	11000	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	11000	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	11000	U	
101-55-3-----	4-Bromophenyl phenyl ether	11000	U	
85-68-7-----	Butyl benzyl phthalate	11000	U	
105-60-2-----	Caprolactam	11000	U	
106-47-8-----	4-Chloroaniline	11000	U	
59-50-7-----	4-Chloro-3-methylphenol	11000	U	
91-58-7-----	2-Chloronaphthalene	11000	U	
95-57-8-----	2-Chlorophenol	11000	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	11000	U	
86-74-8-----	Carbazole	11000	U	
218-01-9-----	Chrysene	2700	BJ	
53-70-3-----	Dibenzo (a,h) anthracene	11000	U	
132-64-9-----	Dibenzofuran	11000	U	
84-74-2-----	Di-n-butyl phthalate	11000	U	
91-94-1-----	3,3'-Dichlorobenzidine	11000	U	
120-83-2-----	2,4-Dichlorophenol	11000	U	
84-66-2-----	Diethyl phthalate	11000	U	

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 30.25 (g/mL) G Lab File ID: X24776.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: 23 decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9-----	2,4-Dimethylphenol	11000		U
131-11-3-----	Dimethyl phthalate	11000		U
534-52-1-----	4,6-Dinitro-2-methylphenol	21000		U
51-28-5-----	2,4-Dinitrophenol	21000		U
121-14-2-----	2,4-Dinitrotoluene	11000		U
606-20-2-----	2,6-Dinitrotoluene	11000		U
117-84-0-----	Di-n-octyl phthalate	11000		U
206-44-0-----	Fluoranthene	11000		U
86-73-7-----	Fluorene	11000		U
118-74-1-----	Hexachlorobenzene	11000		U
87-68-3-----	Hexachlorobutadiene	11000		U
77-47-4-----	Hexachlorocyclopentadiene	11000		U
67-72-1-----	Hexachloroethane	11000		U
193-39-5-----	Indeno (1,2,3-cd) pyrene	11000		U
78-59-1-----	Isophorone	11000		U
91-57-6-----	2-Methylnaphthalene	11000		U
95-48-7-----	2-Methylphenol	11000		U
106-44-5-----	4-Methylphenol	11000		U
91-20-3-----	Naphthalene	11000		U
88-74-4-----	2-Nitroaniline	21000		U
99-09-2-----	3-Nitroaniline	21000		U
100-01-6-----	4-Nitroaniline	21000		U
98-95-3-----	Nitrobenzene	11000		U
88-75-5-----	2-Nitrophenol	11000		U
100-02-7-----	4-Nitrophenol	21000		U
86-30-6-----	N-nitrosodiphenylamine	11000		U
621-64-7-----	N-Nitroso-Di-n-propylamine	11000		U
87-86-5-----	Pentachlorophenol	21000		U
85-01-8-----	Phenanthrene	930		J
108-95-2-----	Phenol	11000		U
129-00-0-----	Pyrene	11000		U
95-95-4-----	2,4,5-Trichlorophenol	11000		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 30.25 (g/mL) G Lab File ID: X24776.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: 23 decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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88-06-2-----	2,4,6-Trichlorophenol		11000	U
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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 30.25 (g/mL) G Lab File ID: X24776.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: 22.8 decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 14

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	SATURATED HYDROCARBON	10.89	14000	J
2.	SATURATED HYDROCARBON	11.31	30000	J
3.	SATURATED HYDROCARBON	11.70	48000	J
4.	SATURATED HYDROCARBON	12.06	69000	J
5.	SATURATED HYDROCARBON	12.39	48000	J
6.	SATURATED HYDROCARBON	12.70	54000	J
7.	SATURATED HYDROCARBON	12.99	60000	J
8.	SATURATED HYDROCARBON	13.28	67000	J
9.	SATURATED HYDROCARBON	13.55	69000	J
10.	SATURATED HYDROCARBON	13.82	66000	J
11.	SATURATED HYDROCARBON	14.07	61000	J
12.	SATURATED HYDROCARBON	14.32	50000	J
13.	SATURATED HYDROCARBON	14.87	27000	J
14.	SATURATED HYDROCARBON	15.18	12000	J

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 30.32 (g/mL) G Lab File ID: W24840.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 18 decanted: (Y/N) Y Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9	Acenaphthene	820		U
208-96-8	Acenaphthylene	820		U
98-86-2	Acetophenone	820		U
120-12-7	Anthracene	820		U
1912-24-9	Atrazine	820		U
100-52-7	Benzaldehyde	820		U
56-55-3	Benzo (a) anthracene	110		J
205-99-2	Benzo (b) fluoranthene	140		J
207-08-9	Benzo (k) fluoranthene	820		U
191-24-2	Benzo (ghi) perylene	62		J
50-32-8	Benzo (a) pyrene	80		J
92-52-4	Biphenyl	820		U
111-91-1	Bis (2-chloroethoxy) methane	820		U
111-44-4	Bis (2-chloroethyl) ether	820		U
108-60-1	2,2'-Oxybis (1-Chloropropane)	820		U
117-81-7	Bis (2-ethylhexyl) phthalate	820		U
101-55-3	4-Bromophenyl phenyl ether	820		U
85-68-7	Butyl benzyl phthalate	820		U
105-60-2	Caprolactam	820		U
106-47-8	4-Chloroaniline	820		U
59-50-7	4-Chloro-3-methylphenol	820		U
91-58-7	2-Chloronaphthalene	820		U
95-57-8	2-Chlorophenol	820		U
7005-72-3	4-Chlorophenyl phenyl ether	820		U
86-74-8	Carbazole	820		U
218-01-9	Chrysene	180		BJ
53-70-3	Dibenzo (a,h) anthracene	820		U
132-64-9	Dibenzofuran	820		U
84-74-2	Di-n-butyl phthalate	820		U
91-94-1	3,3'-Dichlorobenzidine	820		U
120-83-2	2,4-Dichlorophenol	820		U
84-66-2	Diethyl phthalate	820		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 30.32 (g/mL) G Lab File ID: W24840.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 18 decanted: (Y/N) Y Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9	2,4-Dimethylphenol	820	U
131-11-3	Dimethyl phthalate	820	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
51-28-5	2,4-Dinitrophenol	1600	U
121-14-2	2,4-Dinitrotoluene	820	U
606-20-2	2,6-Dinitrotoluene	820	U
117-84-0	Di-n-octyl phthalate	820	U
206-44-0	Fluoranthene	160	J
86-73-7	Fluorene	820	U
118-74-1	Hexachlorobenzene	820	U
87-68-3	Hexachlorobutadiene	820	U
77-47-4	Hexachlorocyclopentadiene	820	U
67-72-1	Hexachloroethane	820	U
193-39-5	Indeno(1,2,3-cd)pyrene	49	J
78-59-1	Isophorone	820	U
91-57-6	2-Methylnaphthalene	820	U
95-48-7	2-Methylphenol	820	U
106-44-5	4-Methylphenol	820	U
91-20-3	Naphthalene	820	U
88-74-4	2-Nitroaniline	1600	U
99-09-2	3-Nitroaniline	1600	U
100-01-6	4-Nitroaniline	1600	U
98-95-3	Nitrobenzene	820	U
88-75-5	2-Nitrophenol	820	U
100-02-7	4-Nitrophenol	1600	U
86-30-6	N-nitrosodiphenylamine	820	U
621-64-7	N-Nitroso-Di-n-propylamine	820	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	110	J
108-95-2	Phenol	820	U
129-00-0	Pyrene	170	J
95-95-4	2,4,5-Trichlorophenol	820	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 30.32 (g/mL) G Lab File ID: W24840.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 18 decanted: (Y/N) Y Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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88-06-2-----	2,4,6-Trichlorophenol		820	U
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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 30.32 (g/mL) G Lab File ID: W24840.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 18.0 decanted: (Y/N) Y Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 994-05-8	BUTANE, 2-METHOXY-2-METHYL-	1.92	8700	BJN

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 30.49 (g/mL) G Lab File ID: W24841.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 34 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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83-32-9-----	Acenaphthene		1000	U
208-96-8-----	Acenaphthylene		1000	U
98-86-2-----	Acetophenone		1000	U
120-12-7-----	Anthracene		1000	U
1912-24-9----	Atrazine		1000	U
100-52-7-----	Benzaldehyde		1000	U
56-55-3-----	Benzo (a) anthracene		120	J
205-99-2-----	Benzo (b) fluoranthene		110	J
207-08-9-----	Benzo (k) fluoranthene		50	J
191-24-2-----	Benzo (ghi) perylene		73	J
50-32-8-----	Benzo (a) pyrene		98	J
92-52-4-----	Biphenyl		1000	U
111-91-1-----	Bis (2-chloroethoxy) methane		1000	U
111-44-4-----	Bis (2-chloroethyl) ether		1000	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		1000	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		1000	U
101-55-3-----	4-Bromophenyl phenyl ether		1000	U
85-68-7-----	Butyl benzyl phthalate		1000	U
105-60-2-----	Caprolactam		1000	U
106-47-8-----	4-Chloroaniline		1000	U
59-50-7-----	4-Chloro-3-methylphenol		1000	U
91-58-7-----	2-Chloronaphthalene		1000	U
95-57-8-----	2-Chlorophenol		1000	U
7005-72-3----	4-Chlorophenyl phenyl ether		1000	U
86-74-8-----	Carbazole		1000	U
218-01-9-----	Chrysene		210	BJ
53-70-3-----	Dibenzo (a,h) anthracene		1000	U
132-64-9-----	Dibenzofuran		1000	U
84-74-2-----	Di-n-butyl phthalate		1000	U
91-94-1-----	3,3'-Dichlorobenzidine		1000	U
120-83-2-----	2,4-Dichlorophenol		1000	U
84-66-2-----	Diethyl phthalate		1000	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 30.49 (g/mL) G Lab File ID: W24841.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 34 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9-----	2,4-Dimethylphenol	1000	U
131-11-3-----	Dimethyl phthalate	1000	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000	U
51-28-5-----	2,4-Dinitrophenol	2000	U
121-14-2-----	2,4-Dinitrotoluene	1000	U
606-20-2-----	2,6-Dinitrotoluene	1000	U
117-84-0-----	Di-n-octyl phthalate	1000	U
206-44-0-----	Fluoranthene	200	J
86-73-7-----	Fluorene	1000	U
118-74-1-----	Hexachlorobenzene	1000	U
87-68-3-----	Hexachlorobutadiene	1000	U
77-47-4-----	Hexachlorocyclopentadiene	1000	U
67-72-1-----	Hexachloroethane	1000	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	57	J
78-59-1-----	Isophorone	1000	U
91-57-6-----	2-Methylnaphthalene	1000	U
95-48-7-----	2-Methylphenol	1000	U
106-44-5-----	4-Methylphenol	1000	U
91-20-3-----	Naphthalene	1000	U
88-74-4-----	2-Nitroaniline	2000	U
99-09-2-----	3-Nitroaniline	2000	U
100-01-6-----	4-Nitroaniline	2000	U
98-95-3-----	Nitrobenzene	1000	U
88-75-5-----	2-Nitrophenol	1000	U
100-02-7-----	4-Nitrophenol	2000	U
86-30-6-----	N-nitrosodiphenylamine	1000	U
621-64-7-----	N-Nitroso-Di-n-propylamine	1000	U
87-86-5-----	Pentachlorophenol	2000	U
85-01-8-----	Phenanthrene	130	J
108-95-2-----	Phenol	1000	U
129-00-0-----	Pyrene	210	J
95-95-4-----	2,4,5-Trichlorophenol	1000	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 30.49 (g/mL) G Lab File ID: W24841.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 34 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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88-06-2-----	2,4,6-Trichlorophenol		1000	U
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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-050/6-8

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 30.49 (g/mL) G Lab File ID: W24841.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 34.2 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 994-05-8	BUTANE, 2-METHOXY-2-METHYL-	1.92	13000	BJN

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769103Sample wt/vol: 30.68 (g/mL) G Lab File ID: W24842.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 9 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 2.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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83-32-9-----	Acenaphthene		360	U
208-96-8-----	Acenaphthylene		360	U
98-86-2-----	Acetophenone		360	U
120-12-7-----	Anthracene		360	U
1912-24-9-----	Atrazine		360	U
100-52-7-----	Benzaldehyde		360	U
56-55-3-----	Benzo (a) anthracene		90	J
205-99-2-----	Benzo (b) fluoranthene		120	J
207-08-9-----	Benzo (k) fluoranthene		56	J
191-24-2-----	Benzo (ghi) perylene		78	J
50-32-8-----	Benzo (a) pyrene		88	J
92-52-4-----	Biphenyl		360	U
111-91-1-----	Bis (2-chloroethoxy) methane		360	U
111-44-4-----	Bis (2-chloroethyl) ether		360	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		360	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		360	U
101-55-3-----	4-Bromophenyl phenyl ether		360	U
85-68-7-----	Butyl benzyl phthalate		360	U
105-60-2-----	Caprolactam		360	U
106-47-8-----	4-Chloroaniline		360	U
59-50-7-----	4-Chloro-3-methylphenol		360	U
91-58-7-----	2-Chloronaphthalene		360	U
95-57-8-----	2-Chlorophenol		360	U
7005-72-3-----	4-Chlorophenyl phenyl ether		360	U
86-74-8-----	Carbazole		360	U
218-01-9-----	Chrysene		120	BJ
53-70-3-----	Dibenzo (a, h) anthracene		19	J
132-64-9-----	Dibenzofuran		360	U
84-74-2-----	Di-n-butyl phthalate		360	U
91-94-1-----	3,3'-Dichlorobenzidine		360	U
120-83-2-----	2,4-Dichlorophenol		360	U
84-66-2-----	Diethyl phthalate		360	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769103Sample wt/vol: 30.68 (g/mL) G Lab File ID: W24842.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 9 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 2.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9-----	2,4-Dimethylphenol	360	U
131-11-3-----	Dimethyl phthalate	360	U
534-52-1-----	4,6-Dinitro-2-methylphenol	710	U
51-28-5-----	2,4-Dinitrophenol	710	U
121-14-2-----	2,4-Dinitrotoluene	360	U
606-20-2-----	2,6-Dinitrotoluene	360	U
117-84-0-----	Di-n-octyl phthalate	360	U
206-44-0-----	Fluoranthene	97	J
86-73-7-----	Fluorene	360	U
118-74-1-----	Hexachlorobenzene	360	U
87-68-3-----	Hexachlorobutadiene	360	U
77-47-4-----	Hexachlorocyclopentadiene	360	U
67-72-1-----	Hexachloroethane	360	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	69	J
78-59-1-----	Isophorone	360	U
91-57-6-----	2-Methylnaphthalene	360	U
95-48-7-----	2-Methylphenol	360	U
106-44-5-----	4-Methylphenol	360	U
91-20-3-----	Naphthalene	360	U
88-74-4-----	2-Nitroaniline	710	U
99-09-2-----	3-Nitroaniline	710	U
100-01-6-----	4-Nitroaniline	710	U
98-95-3-----	Nitrobenzene	360	U
88-75-5-----	2-Nitrophenol	360	U
100-02-7-----	4-Nitrophenol	710	U
86-30-6-----	N-nitrosodiphenylamine	360	U
621-64-7-----	N-Nitroso-Di-n-propylamine	360	U
87-86-5-----	Pentachlorophenol	710	U
85-01-8-----	Phenanthrene	35	J
108-95-2-----	Phenol	360	U
129-00-0-----	Pyrene	120	J
95-95-4-----	2,4,5-Trichlorophenol	360	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769103

Sample wt/vol: 30.68 (g/mL) G Lab File ID: W24842.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008

% Moisture: 9 decanted: (Y/N) N Date Extracted: 07/01/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		360	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769103Sample wt/vol: 30.68 (g/mL) G Lab File ID: W24842.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 8.8 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 2.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 994-05-8	BUTANE, 2-METHOXY-2-METHYL-	1.92	5600	BJN

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769104Sample wt/vol: 30.74 (g/mL) G Lab File ID: W24843.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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83-32-9-----	Acenaphthene		200	U
208-96-8-----	Acenaphthylene		22	J
98-86-2-----	Acetophenone		390	
120-12-7-----	Anthracene		10	J
1912-24-9-----	Atrazine		200	U
100-52-7-----	Benzaldehyde		200	U
56-55-3-----	Benzo (a) anthracene		9	J
205-99-2-----	Benzo (b) fluoranthene		200	U
207-08-9-----	Benzo (k) fluoranthene		200	U
191-24-2-----	Benzo (ghi) perylene		200	U
50-32-8-----	Benzo (a) pyrene		200	U
92-52-4-----	Biphenyl		200	U
111-91-1-----	Bis (2-chloroethoxy) methane		200	U
111-44-4-----	Bis (2-chloroethyl) ether		200	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		200	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		200	U
101-55-3-----	4-Bromophenyl phenyl ether		200	U
85-68-7-----	Butyl benzyl phthalate		200	U
105-60-2-----	Caprolactam		2900	
106-47-8-----	4-Chloroaniline		200	U
59-50-7-----	4-Chloro-3-methylphenol		200	U
91-58-7-----	2-Chloronaphthalene		200	U
95-57-8-----	2-Chlorophenol		200	U
7005-72-3-----	4-Chlorophenyl phenyl ether		200	U
86-74-8-----	Carbazole		200	U
218-01-9-----	Chrysene		30	BJ
53-70-3-----	Dibenzo (a, h) anthracene		200	U
132-64-9-----	Dibenzofuran		200	U
84-74-2-----	Di-n-butyl phthalate		200	U
91-94-1-----	3,3'-Dichlorobenzidine		200	U
120-83-2-----	2,4-Dichlorophenol		200	U
84-66-2-----	Diethyl phthalate		200	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769104Sample wt/vol: 30.74 (g/mL) G Lab File ID: W24843.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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105-67-9-----	2,4-Dimethylphenol	200	U
131-11-3-----	Dimethyl phthalate	200	U
534-52-1-----	4,6-Dinitro-2-methylphenol	380	U
51-28-5-----	2,4-Dinitrophenol	380	U
121-14-2-----	2,4-Dinitrotoluene	200	U
606-20-2-----	2,6-Dinitrotoluene	200	U
117-84-0-----	Di-n-octyl phthalate	200	U
206-44-0-----	Fluoranthene	200	U
86-73-7-----	Fluorene	200	U
118-74-1-----	Hexachlorobenzene	200	U
87-68-3-----	Hexachlorobutadiene	200	U
77-47-4-----	Hexachlorocyclopentadiene	200	U
67-72-1-----	Hexachloroethane	200	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	200	U
78-59-1-----	Isophorone	200	U
91-57-6-----	2-Methylnaphthalene	200	U
95-48-7-----	2-Methylphenol	200	U
106-44-5-----	4-Methylphenol	200	U
91-20-3-----	Naphthalene	24	J
88-74-4-----	2-Nitroaniline	380	U
99-09-2-----	3-Nitroaniline	380	U
100-01-6-----	4-Nitroaniline	380	U
98-95-3-----	Nitrobenzene	200	U
88-75-5-----	2-Nitrophenol	200	U
100-02-7-----	4-Nitrophenol	380	U
86-30-6-----	N-nitrosodiphenylamine	120	J
621-64-7-----	N-Nitroso-Di-n-propylamine	200	U
87-86-5-----	Pentachlorophenol	380	U
85-01-8-----	Phenanthrene	130	J
108-95-2-----	Phenol	200	U
129-00-0-----	Pyrene	200	U
95-95-4-----	2,4,5-Trichlorophenol	200	U

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-052/6-8(ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769104

Sample wt/vol: 30.74 (g/mL) G Lab File ID: W24843.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008

% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/01/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	<u>Q</u>
88-06-2-----	2,4,6-Trichlorophenol		200	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769104Sample wt/vol: 30.74 (g/mL) G Lab File ID: W24843.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 15.8 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 20

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.92	6000	BJ
2.	UNKNOWN	4.84	1000	J
3.	UNKNOWN	4.97	2300	J
4.	UNKNOWN	5.21	1800	J
5.	4291-80-9 CYCLOHEXANE, 1-METHYL-3-PROP	5.59	1600	JN
6.	1678-93-9 CYCLOHEXANE, BUTYL-	6.11	1600	JN
7.	493-02-7 NAPHTHALENE, DECAHYDRO-, TRA	6.42	1400	JN
8.	95-93-2 BENZENE, 1,2,4,5-TETRAMETHYL	6.96	1300	JN
9.	4292-92-6 CYCLOHEXANE, PENTYL	7.10	1800	JN
10.	17301-23-4 UNDECANE, 2,6-DIMETHYL	7.70	2300	JN
11.	UNKNOWN	7.82	1300	J
12.	4292-75-5 CYCLOHEXANE, HEXYL	7.97	1500	JN
13.	26730-14-3 TRIDECANE, 7-METHYL	8.17	2800	JN
14.	13065-07-1 NAPHTHALENE, 1,2,3,4-TETRAHY	8.63	1300	JN
15.	5617-41-4 HEPTYLCYCLOHEXANE	8.76	1300	JN
16.	544-76-3 HEXADECANE	9.51	1800	JN
17.	2883-02-5 N-NONYLCYCLOHEXANE	10.17	1200	JN
18.	54105-67-8 HEPTADECANE, 2,6-DIMETHYL	10.97	6200	JN
19.	55045-09-5 TRIDECANE, 7-PROPYL-	11.83	1300	JN
20.	629-62-9 PENTADECANE	12.32	1000	JN

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805Sample wt/vol: 30.82 (g/mL) G Lab File ID: W24993.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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83-32-9-----	Acenaphthene		210	U
208-96-8-----	Acenaphthylene		210	U
98-86-2-----	Acetophenone		210	U
120-12-7-----	Anthracene		210	U
1912-24-9-----	Atrazine		210	U
100-52-7-----	Benzaldehyde		210	U
56-55-3-----	Benzo (a) anthracene		210	U
205-99-2-----	Benzo (b) fluoranthene		210	U
207-08-9-----	Benzo (k) fluoranthene		210	U
191-24-2-----	Benzo (ghi) perylene		210	U
50-32-8-----	Benzo (a) pyrene		210	U
92-52-4-----	Biphenyl		210	U
111-91-1-----	Bis (2-chloroethoxy) methane		210	U
111-44-4-----	Bis (2-chloroethyl) ether		210	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		210	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		150	J
101-55-3-----	4-Bromophenyl phenyl ether		210	U
85-68-7-----	Butyl benzyl phthalate		210	U
105-60-2-----	Caprolactam		210	U
106-47-8-----	4-Chloroaniline		210	U
59-50-7-----	4-Chloro-3-methylphenol		210	U
91-58-7-----	2-Chloronaphthalene		210	U
95-57-8-----	2-Chlorophenol		210	U
7005-72-3-----	4-Chlorophenyl phenyl ether		210	U
86-74-8-----	Carbazole		210	U
218-01-9-----	Chrysene		63	BJ
53-70-3-----	Dibenzo (a,h) anthracene		210	U
132-64-9-----	Dibenzofuran		210	U
84-74-2-----	Di-n-butyl phthalate		210	U
91-94-1-----	3,3'-Dichlorobenzidine		210	U
120-83-2-----	2,4-Dichlorophenol		210	U
84-66-2-----	Diethyl phthalate		210	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805Sample wt/vol: 30.82 (g/mL) G Lab File ID: W24993.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9-----	2,4-Dimethylphenol		210	U
131-11-3-----	Dimethyl phthalate		210	U
534-52-1-----	4,6-Dinitro-2-methylphenol		410	U
51-28-5-----	2,4-Dinitrophenol		410	U
121-14-2-----	2,4-Dinitrotoluene		210	U
606-20-2-----	2,6-Dinitrotoluene		210	U
117-84-0-----	Di-n-octyl phthalate		46	J
206-44-0-----	Fluoranthene		210	U
86-73-7-----	Fluorene		210	U
118-74-1-----	Hexachlorobenzene		210	U
87-68-3-----	Hexachlorobutadiene		210	U
77-47-4-----	Hexachlorocyclopentadiene		210	U
67-72-1-----	Hexachloroethane		210	U
193-39-5-----	Indeno(1,2,3-cd)pyrene		210	U
78-59-1-----	Isophorone		210	U
91-57-6-----	2-Methylnaphthalene		210	U
95-48-7-----	2-Methylphenol		210	U
106-44-5-----	4-Methylphenol		210	U
91-20-3-----	Naphthalene		210	U
88-74-4-----	2-Nitroaniline		410	U
99-09-2-----	3-Nitroaniline		410	U
100-01-6-----	4-Nitroaniline		410	U
98-95-3-----	Nitrobenzene		210	U
88-75-5-----	2-Nitrophenol		210	U
100-02-7-----	4-Nitrophenol		410	U
86-30-6-----	N-nitrosodiphenylamine		210	U
621-64-7-----	N-Nitroso-Di-n-propylamine		210	U
87-86-5-----	Pentachlorophenol		410	U
85-01-8-----	Phenanthrene		210	U
108-95-2-----	Phenol		210	U
129-00-0-----	Pyrene		210	U
95-95-4-----	2,4,5-Trichlorophenol		210	U

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805

Sample wt/vol: 30.82 (g/mL) G Lab File ID: W24993.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol	210	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805Sample wt/vol: 30.82 (g/mL) G Lab File ID: W24993.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22.1 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 2
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 74339-49-4	TRICHLOROACETIC ACID, UNDECY	14.35	620	JN
2.	UNKNOWN	15.75	530	J

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805RISample wt/vol: 30.82 (g/mL) G Lab File ID: X25519.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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83-32-9-----	Acenaphthene		210	U
208-96-8-----	Acenaphthylene		210	U
98-86-2-----	Acetophenone		210	U
120-12-7-----	Anthracene		210	U
1912-24-9-----	Atrazine		210	U
100-52-7-----	Benzaldehyde		210	U
56-55-3-----	Benzo (a) anthracene		210	U
205-99-2-----	Benzo (b) fluoranthene		210	U
207-08-9-----	Benzo (k) fluoranthene		17	J
191-24-2-----	Benzo (ghi) perylene		210	U
50-32-8-----	Benzo (a) pyrene		210	U
92-52-4-----	Biphenyl		210	U
111-91-1-----	Bis (2-chloroethoxy) methane		210	U
111-44-4-----	Bis (2-chloroethyl) ether		210	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		210	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		77	J
101-55-3-----	4-Bromophenyl phenyl ether		210	U
85-68-7-----	Butyl benzyl phthalate		210	U
105-60-2-----	Caprolactam		210	U
106-47-8-----	4-Chloroaniline		210	U
59-50-7-----	4-Chloro-3-methylphenol		210	U
91-58-7-----	2-Chloronaphthalene		210	U
95-57-8-----	2-Chlorophenol		210	U
7005-72-3-----	4-Chlorophenyl phenyl ether		210	U
86-74-8-----	Carbazole		210	U
218-01-9-----	Chrysene		32	BJ
53-70-3-----	Dibenzo (a,h) anthracene		210	U
132-64-9-----	Dibenzofuran		210	U
84-74-2-----	Di-n-butyl phthalate		210	U
91-94-1-----	3,3'-Dichlorobenzidine		210	U
120-83-2-----	2,4-Dichlorophenol		210	U
84-66-2-----	Diethyl phthalate		210	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805RISample wt/vol: 30.82 (g/mL) G Lab File ID: X25519.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9-----	2,4-Dimethylphenol		210	U
131-11-3-----	Dimethyl phthalate		210	U
534-52-1-----	4,6-Dinitro-2-methylphenol		410	U
51-28-5-----	2,4-Dinitrophenol		410	U
121-14-2-----	2,4-Dinitrotoluene		210	U
606-20-2-----	2,6-Dinitrotoluene		210	U
117-84-0-----	Di-n-octyl phthalate		210	U
206-44-0-----	Fluoranthene		210	U
86-73-7-----	Fluorene		210	U
118-74-1-----	Hexachlorobenzene		210	U
87-68-3-----	Hexachlorobutadiene		210	U
77-47-4-----	Hexachlorocyclopentadiene		210	U
67-72-1-----	Hexachloroethane		210	U
193-39-5-----	Indeno(1,2,3-cd)pyrene		210	U
78-59-1-----	Isophorone		210	U
91-57-6-----	2-Methylnaphthalene		210	U
95-48-7-----	2-Methylphenol		210	U
106-44-5-----	4-Methylphenol		210	U
91-20-3-----	Naphthalene		210	U
88-74-4-----	2-Nitroaniline		410	U
99-09-2-----	3-Nitroaniline		410	U
100-01-6-----	4-Nitroaniline		410	U
98-95-3-----	Nitrobenzene		210	U
88-75-5-----	2-Nitrophenol		210	U
100-02-7-----	4-Nitrophenol		410	U
86-30-6-----	N-nitrosodiphenylamine		210	U
621-64-7-----	N-Nitroso-Di-n-propylamine		210	U
87-86-5-----	Pentachlorophenol		410	U
85-01-8-----	Phenanthrene		210	U
108-95-2-----	Phenol		210	U
129-00-0-----	Pyrene		210	U
95-95-4-----	2,4,5-Trichlorophenol		210	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805RI

Sample wt/vol: 30.82 (g/mL) G Lab File ID: X25519.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		210	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805RISample wt/vol: 30.82 (g/mL) G Lab File ID: X25519.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22.1 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 2
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 295-65-8	CYCLOHEXADECANE	13.27	170	JN
2. 74339-49-4	TRICHLOROACETIC ACID, UNDECY	13.83	390	JN

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798801Sample wt/vol: 30.26 (g/mL) G Lab File ID: W24911.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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83-32-9-----	Acenaphthene		80	J
208-96-8-----	Acenaphthylene		150	J
98-86-2-----	Acetophenone		990	U
120-12-7-----	Anthracene		240	J
1912-24-9-----	Atrazine		990	U
100-52-7-----	Benzaldehyde		990	U
56-55-3-----	Benzo (a) anthracene		960	J
205-99-2-----	Benzo (b) fluoranthene		1500	
207-08-9-----	Benzo (k) fluoranthene		990	U
191-24-2-----	Benzo (ghi) perylene		530	J
50-32-8-----	Benzo (a) pyrene		840	J
92-52-4-----	Biphenyl		990	U
111-91-1-----	Bis (2-chloroethoxy) methane		990	U
111-44-4-----	Bis (2-chloroethyl) ether		990	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		990	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		990	U
101-55-3-----	4-Bromophenyl phenyl ether		990	U
85-68-7-----	Butyl benzyl phthalate		990	U
105-60-2-----	Caprolactam		990	U
106-47-8-----	4-Chloroaniline		990	U
59-50-7-----	4-Chloro-3-methylphenol		990	U
91-58-7-----	2-Chloronaphthalene		990	U
95-57-8-----	2-Chlorophenol		990	U
7005-72-3-----	4-Chlorophenyl phenyl ether		990	U
86-74-8-----	Carbazole		95	J
218-01-9-----	Chrysene		1000	B
53-70-3-----	Dibenzo (a,h) anthracene		160	J
132-64-9-----	Dibenzofuran		990	U
84-74-2-----	Di-n-butyl phthalate		990	U
91-94-1-----	3,3'-Dichlorobenzidine		990	U
120-83-2-----	2,4-Dichlorophenol		990	U
84-66-2-----	Diethyl phthalate		110	J

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798801Sample wt/vol: 30.26 (g/mL) G Lab File ID: W24911.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9-----	2,4-Dimethylphenol	990	U	
131-11-3-----	Dimethyl phthalate	990	U	
534-52-1-----	4,6-Dinitro-2-methylphenol	1900	U	
51-28-5-----	2,4-Dinitrophenol	1900	U	
121-14-2-----	2,4-Dinitrotoluene	990	U	
606-20-2-----	2,6-Dinitrotoluene	990	U	
117-84-0-----	Di-n-octyl phthalate	990	U	
206-44-0-----	Fluoranthene	1700		
86-73-7-----	Fluorene	990	U	
118-74-1-----	Hexachlorobenzene	990	U	
87-68-3-----	Hexachlorobutadiene	990	U	
77-47-4-----	Hexachlorocyclopentadiene	990	U	
67-72-1-----	Hexachloroethane	990	U	
193-39-5-----	Indeno (1,2,3-cd) pyrene	500	J	
78-59-1-----	Isophorone	990	U	
91-57-6-----	2-Methylnaphthalene	59	J	
95-48-7-----	2-Methylphenol	990	U	
106-44-5-----	4-Methylphenol	990	U	
91-20-3-----	Naphthalene	990	U	
88-74-4-----	2-Nitroaniline	1900	U	
99-09-2-----	3-Nitroaniline	1900	U	
100-01-6-----	4-Nitroaniline	1900	U	
98-95-3-----	Nitrobenzene	990	U	
88-75-5-----	2-Nitrophenol	990	U	
100-02-7-----	4-Nitrophenol	1900	U	
86-30-6-----	N-nitrosodiphenylamine	990	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	990	U	
87-86-5-----	Pentachlorophenol	1900	U	
85-01-8-----	Phenanthrene	1000		
108-95-2-----	Phenol	990	U	
129-00-0-----	Pyrene	1500		
95-95-4-----	2,4,5-Trichlorophenol	990	U	

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801

Sample wt/vol: 30.26 (g/mL) G Lab File ID: W24911.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		990	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801

Sample wt/vol: 30.26 (g/mL) G Lab File ID: W24911.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: 14.8 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802

Sample wt/vol: 30.04 (g/mL) G Lab File ID: W24991.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

83-32-9	Acenaphthene	76	J
208-96-8	Acenaphthylene	650	J
98-86-2	Acetophenone	840	U
120-12-7	Anthracene	560	J
1912-24-9	Atrazine	840	U
100-52-7	Benzaldehyde	840	U
56-55-3	Benzo (a) anthracene	2100	
205-99-2	Benzo (b) fluoranthene	4000	
207-08-9	Benzo (k) fluoranthene	1100	
191-24-2	Benzo (ghi) perylene	1500	
50-32-8	Benzo (a) pyrene	2400	
92-52-4	Biphenyl	840	U
111-91-1	Bis (2-chloroethoxy) methane	840	U
111-44-4	Bis (2-chloroethyl) ether	840	U
108-60-1	2,2'-Oxybis (1-Chloropropane)	840	U
117-81-7	Bis (2-ethylhexyl) phthalate	1100	
101-55-3	4-Bromophenyl phenyl ether	840	U
85-68-7	Butyl benzyl phthalate	230	J
105-60-2	Caprolactam	840	U
106-47-8	4-Chloroaniline	840	U
59-50-7	4-Chloro-3-methylphenol	840	U
91-58-7	2-Chloronaphthalene	840	U
95-57-8	2-Chlorophenol	840	U
7005-72-3	4-Chlorophenyl phenyl ether	840	U
86-74-8	Carbazole	180	J
218-01-9	Chrysene	2900	B
53-70-3	Dibenzo (a, h) anthracene	510	J
132-64-9	Dibenzofuran	170	J
84-74-2	Di-n-butyl phthalate	840	U
91-94-1	3,3'-Dichlorobenzidine	840	U
120-83-2	2,4-Dichlorophenol	840	U
84-66-2	Diethyl phthalate	840	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802Sample wt/vol: 30.04 (g/mL) G Lab File ID: W24991.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9-----	2,4-Dimethylphenol	840	U
131-11-3-----	Dimethyl phthalate	840	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1600	U
51-28-5-----	2,4-Dinitrophenol	1600	U
121-14-2-----	2,4-Dinitrotoluene	840	U
606-20-2-----	2,6-Dinitrotoluene	840	U
117-84-0-----	Di-n-octyl phthalate	840	U
206-44-0-----	Fluoranthene	3300	
86-73-7-----	Fluorene	87	J
118-74-1-----	Hexachlorobenzene	840	U
87-68-3-----	Hexachlorobutadiene	840	U
77-47-4-----	Hexachlorocyclopentadiene	840	U
67-72-1-----	Hexachloroethane	840	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	1400	
78-59-1-----	Isophorone	840	U
91-57-6-----	2-Methylnaphthalene	350	J
95-48-7-----	2-Methylphenol	840	U
106-44-5-----	4-Methylphenol	840	U
91-20-3-----	Naphthalene	270	J
88-74-4-----	2-Nitroaniline	1600	U
99-09-2-----	3-Nitroaniline	1600	U
100-01-6-----	4-Nitroaniline	1600	U
98-95-3-----	Nitrobenzene	840	U
88-75-5-----	2-Nitrophenol	840	U
100-02-7-----	4-Nitrophenol	1600	U
86-30-6-----	N-nitrosodiphenylamine	840	U
621-64-7-----	N-Nitroso-Di-n-propylamine	840	U
87-86-5-----	Pentachlorophenol	1600	U
85-01-8-----	Phenanthrene	1200	
108-95-2-----	Phenol	840	U
129-00-0-----	Pyrene	2900	
95-95-4-----	2,4,5-Trichlorophenol	840	U

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802

Sample wt/vol: 30.04 (g/mL) G Lab File ID: W24991.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	<u>Q</u>
88-06-2-----	2,4,6-Trichlorophenol		840	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802Sample wt/vol: 30.04 (g/mL) G Lab File ID: W24991.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 19.4 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 629-78-7	HEPTADECANE	14.34	1500	JN

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802RISample wt/vol: 30.04 (g/mL) G Lab File ID: X25517.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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83-32-9-----	Acenaphthene		840	U
208-96-8-----	Acenaphthylene		270	J
98-86-2-----	Acetophenone		840	U
120-12-7-----	Anthracene		230	J
1912-24-9-----	Atrazine		840	U
100-52-7-----	Benzaldehyde		840	U
56-55-3-----	Benzo (a) anthracene		780	J
205-99-2-----	Benzo (b) fluoranthene		1700	
207-08-9-----	Benzo (k) fluoranthene		570	J
191-24-2-----	Benzo (ghi) perylene		560	J
50-32-8-----	Benzo (a) pyrene		1000	
92-52-4-----	Biphenyl		840	U
111-91-1-----	Bis (2-chloroethoxy) methane		840	U
111-44-4-----	Bis (2-chloroethyl) ether		840	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		840	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		460	J
101-55-3-----	4-Bromophenyl phenyl ether		840	U
85-68-7-----	Butyl benzyl phthalate		840	U
105-60-2-----	Caprolactam		840	U
106-47-8-----	4-Chloroaniline		840	U
59-50-7-----	4-Chloro-3-methylphenol		840	U
91-58-7-----	2-Chloronaphthalene		840	U
95-57-8-----	2-Chlorophenol		840	U
7005-72-3-----	4-Chlorophenyl phenyl ether		840	U
86-74-8-----	Carbazole		92	J
218-01-9-----	Chrysene		1200	B
53-70-3-----	Dibenzo (a,h) anthracene		140	J
132-64-9-----	Dibenzofuran		86	J
84-74-2-----	Di-n-butyl phthalate		840	U
91-94-1-----	3,3'-Dichlorobenzidine		840	U
120-83-2-----	2,4-Dichlorophenol		840	U
84-66-2-----	Diethyl phthalate		840	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802RISample wt/vol: 30.04 (g/mL) G Lab File ID: X25517.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
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105-67-9-----	2,4-Dimethylphenol	840		U
131-11-3-----	Dimethyl phthalate	840		U
534-52-1-----	4,6-Dinitro-2-methylphenol	1600		U
51-28-5-----	2,4-Dinitrophenol	1600		U
121-14-2-----	2,4-Dinitrotoluene	840		U
606-20-2-----	2,6-Dinitrotoluene	840		U
117-84-0-----	Di-n-octyl phthalate	840		U
206-44-0-----	Fluoranthene	1400		
86-73-7-----	Fluorene	36		J
118-74-1-----	Hexachlorobenzene	840		U
87-68-3-----	Hexachlorobutadiene	840		U
77-47-4-----	Hexachlorocyclopentadiene	840		U
67-72-1-----	Hexachloroethane	840		U
193-39-5-----	Indeno (1,2,3-cd) pyrene	560		J
78-59-1-----	Isophorone	840		U
91-57-6-----	2-Methylnaphthalene	120		BJ
95-48-7-----	2-Methylphenol	840		U
106-44-5-----	4-Methylphenol	840		U
91-20-3-----	Naphthalene	57		J
88-74-4-----	2-Nitroaniline	1600		U
99-09-2-----	3-Nitroaniline	1600		U
100-01-6-----	4-Nitroaniline	1600		U
98-95-3-----	Nitrobenzene	840		U
88-75-5-----	2-Nitrophenol	840		U
100-02-7-----	4-Nitrophenol	1600		U
86-30-6-----	N-nitrosodiphenylamine	840		U
621-64-7-----	N-Nitroso-Di-n-propylamine	840		U
87-86-5-----	Pentachlorophenol	1600		U
85-01-8-----	Phenanthrene	560		J
108-95-2-----	Phenol	840		U
129-00-0-----	Pyrene	1100		
95-95-4-----	2,4,5-Trichlorophenol	840		U

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802RI

Sample wt/vol: 30.04 (g/mL) G Lab File ID: X25517.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		840	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802RISample wt/vol: 30.04 (g/mL) G Lab File ID: X25517.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 19.4 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKANE	14.33	1800	J

LABELLA ASSOCIATES
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 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798803

Sample wt/vol: 30.68 (g/mL) G Lab File ID: 6B15053.TX0

% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	1.9	U
319-84-6-----	alpha-BHC	0.66	BJ
319-85-7-----	beta-BHC	1.9	U
58-89-9-----	gamma-BHC (Lindane)	1.9	U
319-86-8-----	delta-BHC	0.77	J
57-74-9-----	Chlordane	19	U
72-54-8-----	4,4'-DDD	1.9	U
72-55-9-----	4,4'-DDE	1.9	U
50-29-3-----	4,4'-DDT	1.9	U
60-57-1-----	Dieldrin	1.9	U
959-98-8-----	Endosulfan I	1.9	U
33213-65-9----	Endosulfan II	0.58	J
1031-07-8----	Endosulfan Sulfate	1.9	U
72-20-8-----	Endrin	0.65	J
7421-93-4----	Endrin aldehyde	1.9	U
76-44-8-----	Heptachlor	1.9	U
1024-57-3----	Heptachlor epoxide	1.9	U
72-43-5-----	Methoxychlor	5.2	
8001-35-2----	Toxaphene	19	U

LABELLA ASSOCIATES
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 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798803RE

Sample wt/vol: 30.24 (g/mL) G Lab File ID: 6B15099.TX0

% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
309-00-2	Aldrin	1.9	U
319-84-6	alpha-BHC	0.66	J
319-85-7	beta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
319-86-8	delta-BHC	1.9	U
57-74-9	Chlordane	19	U
72-54-8	4,4'-DDD	1.9	U
72-55-9	4,4'-DDE	1.9	U
50-29-3	4,4'-DDT	1.9	U
60-57-1	Dieldrin	1.9	U
959-98-8	Endosulfan I	1.9	U
33213-65-9	Endosulfan II	1.9	U
1031-07-8	Endosulfan Sulfate	1.9	U
72-20-8	Endrin	1.9	U
7421-93-4	Endrin aldehyde	1.9	U
76-44-8	Heptachlor	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
72-43-5	Methoxychlor	1.9	U
8001-35-2	Toxaphene	19	U

LABELLA ASSOCIATES
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 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798804

Sample wt/vol: 30.07 (g/mL) G Lab File ID: 6B15102.TX0

% Moisture: 16 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	2.0	U
319-84-6-----	alpha-BHC	2.0	U
319-85-7-----	beta-BHC	2.0	U
58-89-9-----	gamma-BHC (Lindane)	2.0	U
319-86-8-----	delta-BHC	2.0	U
57-74-9-----	Chlordane	20	U
72-54-8-----	4,4'-DDD	2.0	U
72-55-9-----	4,4'-DDE	2.0	U
50-29-3-----	4,4'-DDT	2.0	U
60-57-1-----	Dieldrin	2.0	U
959-98-8-----	Endosulfan I	2.0	U
33213-65-9---	Endosulfan II	2.0	U
1031-07-8----	Endosulfan Sulfate	2.0	U
72-20-8-----	Endrin	0.75	J
7421-93-4----	Endrin aldehyde	2.0	U
76-44-8-----	Heptachlor	2.0	U
1024-57-3----	Heptachlor epoxide	2.0	U
72-43-5-----	Methoxychlor	2.0	U
8001-35-2----	Toxaphene	20	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798804RE

Sample wt/vol: 30.55 (g/mL) G Lab File ID: 6B15100.TX0

% Moisture: 16 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	2.0	U
319-84-6-----	alpha-BHC	2.0	U
319-85-7-----	beta-BHC	2.0	U
58-89-9-----	gamma-BHC (Lindane)	2.0	U
319-86-8-----	delta-BHC	2.0	U
57-74-9-----	Chlordane	20	U
72-54-8-----	4,4'-DDD	2.0	U
72-55-9-----	4,4'-DDE	0.79	J
50-29-3-----	4,4'-DDT	2.0	U
60-57-1-----	Dieldrin	0.65	J
959-98-8-----	Endosulfan I	2.0	U
33213-65-9----	Endosulfan II	2.0	U
1031-07-8-----	Endosulfan Sulfate	2.0	U
72-20-8-----	Endrin	2.0	U
7421-93-4-----	Endrin aldehyde	2.0	U
76-44-8-----	Heptachlor	2.0	U
1024-57-3-----	Heptachlor epoxide	2.0	U
72-43-5-----	Methoxychlor	2.0	U
8001-35-2-----	Toxaphene	20	U

LABELLA ASSOCIATES
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 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8759501

Sample wt/vol: 30.15 (g/mL) G Lab File ID: 5B10165.TX0

% Moisture: 23 decanted: (Y/N) N Date Samp/Recv: 06/23/2008 06/26/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 50.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	110	U
319-84-6-----	alpha-BHC	110	U
319-85-7-----	beta-BHC	110	U
58-89-9-----	gamma-BHC (Lindane)	110	U
319-86-8-----	delta-BHC	110	U
57-74-9-----	Chlordane	1100	U
72-54-8-----	4,4'-DDD	110	U
72-55-9-----	4,4'-DDE	26	J
50-29-3-----	4,4'-DDT	110	U
60-57-1-----	Dieldrin	110	U
959-98-8-----	Endosulfan I	110	U
33213-65-9---	Endosulfan II	110	U
1031-07-8----	Endosulfan Sulfate	110	U
72-20-8-----	Endrin	110	U
7421-93-4----	Endrin aldehyde	110	U
76-44-8-----	Heptachlor	110	U
1024-57-3----	Heptachlor epoxide	110	U
72-43-5-----	Methoxychlor	110	U
8001-35-2-----	Toxaphene	1100	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769101

Sample wt/vol: 30.58 (g/mL) G Lab File ID: 5B10163.TX0

% Moisture: 18 decanted: (Y/N) N Date Samp/Recv: 06/25/2008 06/27/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	2.0	U
319-84-6-----	alpha-BHC	2.0	U
319-85-7-----	beta-BHC	2.0	U
58-89-9-----	gamma-BHC (Lindane)	2.0	U
319-86-8-----	delta-BHC	2.0	U
57-74-9-----	Chlordane	20	U
72-54-8-----	4,4'-DDD	1.2	J
72-55-9-----	4,4'-DDE	1.0	J
50-29-3-----	4,4'-DDT	3.5	
60-57-1-----	Dieldrin	1.1	J
959-98-8-----	Endosulfan I	2.0	U
33213-65-9---	Endosulfan II	2.0	U
1031-07-8----	Endosulfan Sulfate	2.0	U
72-20-8-----	Endrin	2.0	U
7421-93-4----	Endrin aldehyde	2.0	U
76-44-8-----	Heptachlor	2.0	U
1024-57-3----	Heptachlor epoxide	2.0	U
72-43-5-----	Methoxychlor	2.0	U
8001-35-2----	Toxaphene	20	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769102

Sample wt/vol: 30.80 (g/mL) G Lab File ID: 5B10164.TX0

% Moisture: 34 decanted: (Y/N) N Date Samp/Recv: 06/25/2008 06/27/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	2.5	U
319-84-6-----	alpha-BHC	2.5	U
319-85-7-----	beta-BHC	2.5	U
58-89-9-----	gamma-BHC (Lindane)	2.5	U
319-86-8-----	delta-BHC	2.5	U
57-74-9-----	Chlordane	25	U
72-54-8-----	4,4'-DDD	2.5	U
72-55-9-----	4,4'-DDE	2.5	U
50-29-3-----	4,4'-DDT	2.5	U
60-57-1-----	Dieldrin	2.5	U
959-98-8-----	Endosulfan I	2.5	U
33213-65-9---	Endosulfan II	2.5	U
1031-07-8----	Endosulfan Sulfate	2.5	U
72-20-8-----	Endrin	2.5	U
7421-93-4----	Endrin aldehyde	2.5	U
76-44-8-----	Heptachlor	2.5	U
1024-57-3----	Heptachlor epoxide	2.5	U
72-43-5-----	Methoxychlor	2.5	U
8001-35-2----	Toxaphene	25	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805

Sample wt/vol: 30.40 (g/mL) G Lab File ID: 6B15055.TX0

% Moisture: 22 decanted: (Y/N) N Date Samp/Recv: 06/27/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/12/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg) <u>UG/KG</u>	
309-00-2-----	Aldrin	2.1	U
319-84-6-----	alpha-BHC	0.93	BJ
319-85-7-----	beta-BHC	2.1	U
58-89-9-----	gamma-BHC (Lindane)	2.1	U
319-86-8-----	delta-BHC	2.1	U
57-74-9-----	Chlordane	21	U
72-54-8-----	4,4'-DDD	2.1	U
72-55-9-----	4,4'-DDE	2.1	U
50-29-3-----	4,4'-DDT	2.1	U
60-57-1-----	Dieldrin	0.70	J
959-98-8-----	Endosulfan I	2.1	U
33213-65-9----	Endosulfan II	2.1	U
1031-07-8----	Endosulfan Sulfate	2.1	U
72-20-8-----	Endrin	2.1	U
7421-93-4----	Endrin aldehyde	3.5	
76-44-8-----	Heptachlor	2.1	U
1024-57-3----	Heptachlor epoxide	2.1	U
72-43-5-----	Methoxychlor	2.1	U
8001-35-2----	Toxaphene	21	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805RE

Sample wt/vol: 30.26 (g/mL) G Lab File ID: 6B15101.TX0

% Moisture: 22 decanted: (Y/N) N Date Samp/Recv: 06/27/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	2.1	U
319-84-6-----	alpha-BHC	0.76	J
319-85-7-----	beta-BHC	2.1	U
58-89-9-----	gamma-BHC (Lindane)	1.4	J
319-86-8-----	delta-BHC	2.1	U
57-74-9-----	Chlordane	21	U
72-54-8-----	4,4'-DDD	2.1	U
72-55-9-----	4,4'-DDE	2.1	U
50-29-3-----	4,4'-DDT	2.1	U
60-57-1-----	Dieldrin	2.1	U
959-98-8-----	Endosulfan I	2.1	U
33213-65-9----	Endosulfan II	2.1	U
1031-07-8-----	Endosulfan Sulfate	2.1	U
72-20-8-----	Endrin	2.1	U
7421-93-4-----	Endrin aldehyde	2.1	U
76-44-8-----	Heptachlor	2.1	U
1024-57-3-----	Heptachlor epoxide	2.1	U
72-43-5-----	Methoxychlor	2.1	U
8001-35-2-----	Toxaphene	21	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801

Sample wt/vol: 30.30 (g/mL) G Lab File ID: 6B15051.TX0

% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	19	U
319-84-6-----	alpha-BHC	19	U
319-85-7-----	beta-BHC	19	U
58-89-9-----	gamma-BHC (Lindane)	19	U
319-86-8-----	delta-BHC	19	U
57-74-9-----	Chlordane	190	U
72-54-8-----	4,4'-DDD	19	U
72-55-9-----	4,4'-DDE	19	U
50-29-3-----	4,4'-DDT	35	
60-57-1-----	Dieldrin	8.9	J
959-98-8-----	Endosulfan I	4.3	BJ
33213-65-9----	Endosulfan II	19	U
1031-07-8-----	Endosulfan Sulfate	19	U
72-20-8-----	Endrin	19	U
7421-93-4-----	Endrin aldehyde	19	U
76-44-8-----	Heptachlor	19	U
1024-57-3-----	Heptachlor epoxide	7.0	J
72-43-5-----	Methoxychlor	19	U
8001-35-2-----	Toxaphene	190	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801RE

Sample wt/vol: 30.06 (g/mL) G Lab File ID: 6B15097.TX0

% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	20	U
319-84-6-----	alpha-BHC	20	U
319-85-7-----	beta-BHC	20	U
58-89-9-----	gamma-BHC (Lindane)	20	U
319-86-8-----	delta-BHC	20	U
57-74-9-----	Chlordane	200	U
72-54-8-----	4,4'-DDD	20	U
72-55-9-----	4,4'-DDE	20	U
50-29-3-----	4,4'-DDT	20	U
60-57-1-----	Dieldrin	7.8	J
959-98-8-----	Endosulfan I	20	U
33213-65-9----	Endosulfan II	8.6	J
1031-07-8----	Endosulfan Sulfate	20	U
72-20-8-----	Endrin	10	J
7421-93-4----	Endrin aldehyde	20	U
76-44-8-----	Heptachlor	20	U
1024-57-3----	Heptachlor epoxide	20	U
72-43-5-----	Methoxychlor	13	J
8001-35-2----	Toxaphene	200	U

LABELLA ASSOCIATES
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 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802

Sample wt/vol: 30.29 (g/mL) G Lab File ID: 6B15052.TX0

% Moisture: 19 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	10	U
319-84-6-----	alpha-BHC	10	U
319-85-7-----	beta-BHC	10	U
58-89-9-----	gamma-BHC (Lindane)	10	U
319-86-8-----	delta-BHC	3.7	J
57-74-9-----	Chlordane	100	U
72-54-8-----	4,4'-DDD	10	U
72-55-9-----	4,4'-DDE	10	U
50-29-3-----	4,4'-DDT	14	
60-57-1-----	Dieldrin	4.9	J
959-98-8-----	Endosulfan I	10	U
33213-65-9----	Endosulfan II	8.2	J
1031-07-8----	Endosulfan Sulfate	10	U
72-20-8-----	Endrin	3.7	J
7421-93-4----	Endrin aldehyde	10	U
76-44-8-----	Heptachlor	10	U
1024-57-3----	Heptachlor epoxide	2.7	J
72-43-5-----	Methoxychlor	10	U
8001-35-2----	Toxaphene	100	U

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 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802RE

Sample wt/vol: 30.25 (g/mL) G Lab File ID: 6B15098.TX0

% Moisture: 19 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	10	U
319-84-6-----	alpha-BHC	10	U
319-85-7-----	beta-BHC	10	U
58-89-9-----	gamma-BHC (Lindane)	10	U
319-86-8-----	delta-BHC	10	U
57-74-9-----	Chlordane	100	U
72-54-8-----	4,4'-DDD	10	U
72-55-9-----	4,4'-DDE	10	U
50-29-3-----	4,4'-DDT	18	
60-57-1-----	Dieldrin	4.3	J
959-98-8-----	Endosulfan I	10	U
33213-65-9----	Endosulfan II	10	U
1031-07-8----	Endosulfan Sulfate	10	U
72-20-8-----	Endrin	10	U
7421-93-4----	Endrin aldehyde	10	U
76-44-8-----	Heptachlor	10	U
1024-57-3----	Heptachlor epoxide	10	U
72-43-5-----	Methoxychlor	8.8	J
8001-35-2----	Toxaphene	100	U

LABELLA ASSOCIATES
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 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798803

Sample wt/vol: 30.68 (g/mL) G Lab File ID: 12A36030.TX0

% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
12674-11-2----	Aroclor 1016	19	U
11104-28-2----	Aroclor 1221	19	U
11141-16-5----	Aroclor 1232	19	U
53469-21-9----	Aroclor 1242	19	U
12672-29-6----	Aroclor 1248	5.7	J
11097-69-1----	Aroclor 1254	19	U
11096-82-5----	Aroclor 1260	19	U

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 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798804

Sample wt/vol: 30.07 (g/mL) G Lab File ID: 12A36031.TX0

% Moisture: 16 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	20	U
11104-28-2----	Aroclor 1221	20	U
11141-16-5----	Aroclor 1232	20	U
53469-21-9----	Aroclor 1242	6.8	BJ
12672-29-6----	Aroclor 1248	20	U
11097-69-1----	Aroclor 1254	20	U
11096-82-5----	Aroclor 1260	20	U

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 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8759501

Sample wt/vol: 30.15 (g/mL) G Lab File ID: 7B63134.TX0

% Moisture: 23 decanted: (Y/N) N Date Samp/Recv: 06/23/2008 06/26/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg) <u>UG/KG</u>	
12674-11-2----	Aroclor 1016	21	U
11104-28-2----	Aroclor 1221	21	U
11141-16-5----	Aroclor 1232	21	U
53469-21-9----	Aroclor 1242	21	U
12672-29-6----	Aroclor 1248	21	U
11097-69-1----	Aroclor 1254	21	U
11096-82-5----	Aroclor 1260	21	U

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 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769101

Sample wt/vol: 30.58 (g/mL) G Lab File ID: 7B63106.TX0

% Moisture: 18 decanted: (Y/N) N Date Samp/Recv: 06/25/2008 06/27/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	20	U
11104-28-2----	Aroclor 1221	20	U
11141-16-5----	Aroclor 1232	20	U
53469-21-9----	Aroclor 1242	20	U
12672-29-6----	Aroclor 1248	20	U
11097-69-1----	Aroclor 1254	20	U
11096-82-5----	Aroclor 1260	20	U

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 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769102

Sample wt/vol: 30.80 (g/mL) G Lab File ID: 7B63107.TX0

% Moisture: 34 decanted: (Y/N) N Date Samp/Recv: 06/25/2008 06/27/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	<u>Q</u>
		(ug/L or ug/Kg) <u>UG/KG</u>	
12674-11-2----	Aroclor 1016	25	U
11104-28-2----	Aroclor 1221	25	U
11141-16-5----	Aroclor 1232	25	U
53469-21-9----	Aroclor 1242	25	U
12672-29-6----	Aroclor 1248	25	U
11097-69-1----	Aroclor 1254	25	U
11096-82-5----	Aroclor 1260	25	U

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 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805

Sample wt/vol: 30.40 (g/mL) G Lab File ID: 12A36032.TX0

% Moisture: 22 decanted: (Y/N) N Date Samp/Recv: 06/27/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	21	U
11104-28-2----	Aroclor 1221	21	U
11141-16-5----	Aroclor 1232	21	U
53469-21-9----	Aroclor 1242	21	U
12672-29-6----	Aroclor 1248	21	U
11097-69-1----	Aroclor 1254	21	U
11096-82-5----	Aroclor 1260	21	U

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 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801

Sample wt/vol: 30.30 (g/mL) G Lab File ID: 12A36033.TX0

% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND		
12674-11-2----	Aroclor 1016	19	U
11104-28-2----	Aroclor 1221	19	U
11141-16-5----	Aroclor 1232	19	U
53469-21-9----	Aroclor 1242	19	U
12672-29-6----	Aroclor 1248	19	U
11097-69-1----	Aroclor 1254	92	
11096-82-5----	Aroclor 1260	27	

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 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1(ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802

Sample wt/vol: 30.29 (g/mL) G Lab File ID: 12A36029.TX0

% Moisture: 19 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
12674-11-2----	Aroclor 1016	20	U
11104-28-2----	Aroclor 1221	20	U
11141-16-5----	Aroclor 1232	20	U
53469-21-9----	Aroclor 1242	20	U
12672-29-6----	Aroclor 1248	20	U
11097-69-1----	Aroclor 1254	20	U
11096-82-5----	Aroclor 1260	20	U

TESTAMERICA LABORATORIES INC.

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INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8837404

Client ID: BLIND DUPLICATE

Matrix: WATER

Date Received: 7/11/2008

Date Collected: 7/10/2008

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A8B18830

Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Arsenic		10.4	ug/L		10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Beryllium	<	2.0	ug/L	U	2.0	2.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Cadmium	<	1.0	ug/L	U	1.0	1.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Chromium	<	4.0	ug/L	U	4.0	4.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Copper	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Lead	<	5.0	ug/L	U	5.0	5.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Nickel		13.2	ug/L		10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Selenium	<	15.0	ug/L	U	15.0	15.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Mercury	<	0.200	ug/L	U	0.200	0.200	1	7/16/2008	17:49:59	LEEMAN PS2	G07168W1	CV
Silver	<	3.0	ug/L	U	3.0	3.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Thallium	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Zinc		94.8	ug/L		10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P

Comments:

TESTAMERICA LABORATORIES INC.

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INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8837402

Client ID: MW-014

Matrix: WATER

Date Received: 7/11/2008

Date Collected: 7/9/2008

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A8B18830

Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Arsenic		15.7	ug/L		10.0	10.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Beryllium	<	2.0	ug/L	U	2.0	2.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Cadmium		1.0	ug/L		1.0	1.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Chromium		6.7	ug/L		4.0	4.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Copper	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Lead		12.2	ug/L		5.0	5.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Nickel		20.7	ug/L		10.0	10.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Selenium	<	15.0	ug/L	U	15.0	15.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Mercury	<	0.200	ug/L	U	0.200	0.200	1	7/16/2008	17:40:02	LEEMAN PS2	G07168W1	CV
Silver	<	3.0	ug/L	U	3.0	3.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Thallium	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Zinc		143	ug/L		10.0	10.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P

Comments:

TESTAMERICA LABORATORIES INC.

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- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8837403

Client ID: MW-023

Matrix: WATER

Date Received: 7/11/2008

Date Collected: 7/10/2008

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A8B18830

Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Analytical			Instrument	Run	M
							Dil	Date	Time			
Antimony	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Arsenic	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Beryllium	<	2.0	ug/L	U	2.0	2.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Cadmium	<	1.0	ug/L	U	1.0	1.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Chromium	<	4.0	ug/L	U	4.0	4.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Copper	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Lead	<	5.0	ug/L	U	5.0	5.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Nickel	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Selenium	<	15.0	ug/L	U	15.0	15.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Mercury	<	0.200	ug/L	U	0.200	0.200	1	7/16/2008	17:44:36	LEEMAN PS2	G07168W1	CV
Silver	<	3.0	ug/L	U	3.0	3.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Thallium	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Zinc	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P

Comments:

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INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8837401

Client ID: MW-069

Matrix: WATER

Date Received: 7/11/2008

Date Collected: 7/8/2008

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A8B18830

Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Arsenic	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Beryllium	<	2.0	ug/L	U	2.0	2.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Cadmium	<	1.0	ug/L	U	1.0	1.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Chromium	<	4.0	ug/L	U	4.0	4.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Copper	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Lead	<	5.0	ug/L	U	5.0	5.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Nickel	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Selenium	<	15.0	ug/L	U	15.0	15.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Mercury	<	0.200	ug/L	U	0.200	0.200	1	7/16/2008	17:38:25	LEEMAN PS2	G07168W1	CV
Silver	<	3.0	ug/L	U	3.0	3.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Thallium	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Zinc	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8798803

Client ID: SB-002/6-8

Matrix: SOIL

Date Received: 7/3/2008

Date Collected: 7/1/2008

Level: LOW

% Solids: 85

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18345

Prep Date: 7/8/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	18.1 mg/Kg	U	N	18.1	18.1	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Arsenic		16.5 mg/Kg			2.4	2.4	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Beryllium		0.55 mg/Kg			0.24	0.24	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Cadmium		0.33 mg/Kg			0.24	0.24	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Chromium		17.0 mg/Kg			0.60	0.60	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Copper		18.7 mg/Kg		E	1.2	1.2	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Lead		28.5 mg/Kg		E	1.2	1.2	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Nickel		9.6 mg/Kg			0.60	0.60	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Selenium	<	4.8 mg/Kg	U		4.8	4.8	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Silver	<	0.60 mg/Kg	U		0.60	0.60	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Mercury		0.284 mg/Kg			0.019	0.019	1	7/8/2008	13:47:47	LEEMAN PS2	G07088S1	CV
Thallium	<	7.3 mg/Kg	U		7.3	7.3	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Zinc		70.2 mg/Kg		E	2.4	2.4	1	7/8/2008	13:40	SUPERTRACE	107080W	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8798804

Client ID: SB-018/4-6

Matrix: SOIL

Date Received: 7/3/2008

Date Collected: 6/26/2008

Level: LOW

% Solids: 84

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18345

Prep Date: 7/8/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	17.4 mg/Kg	U	N	17.4	17.4	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Arsenic		3.9 mg/Kg			2.3	2.3	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Beryllium	<	0.23 mg/Kg	U		0.23	0.23	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Cadmium		0.27 mg/Kg			0.23	0.23	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Chromium		8.6 mg/Kg			0.58	0.58	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Copper		12.6 mg/Kg		E	1.2	1.2	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Lead		34.8 mg/Kg		E	1.2	1.2	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Nickel		10.2 mg/Kg			0.58	0.58	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Selenium	<	4.6 mg/Kg	U		4.6	4.6	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Silver	<	0.58 mg/Kg	U		0.58	0.58	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Mercury		0.035 mg/Kg			0.020	0.020	1	7/8/2008	13:53:30	LEEMAN PS2	G07088S1	CV
Thallium	<	6.9 mg/Kg	U		6.9	6.9	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Zinc		46.9 mg/Kg		E	2.3	2.3	1	7/8/2008	14:08	SUPERTRACE	107080W	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8759501

Client ID: SB-036/7.5-8(ROC)

Matrix: SOIL

Date Received: 6/26/2008

Date Collected: 6/23/2008

Level: LOW

% Solids: 25

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B17866

Prep Date: 6/30/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	61.0	mg/Kg	U	61.0	61.0	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Arsenic		20.2	mg/Kg		8.1	8.1	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Beryllium	<	0.81	mg/Kg	U	0.81	0.81	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Cadmium	<	0.81	mg/Kg	U	0.81	0.81	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Chromium		33.1	mg/Kg		2.0	2.0	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Copper		29.6	mg/Kg		4.1	4.1	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Lead		223	mg/Kg		4.1	4.1	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Nickel		24.9	mg/Kg		2.0	2.0	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Selenium	<	16.3	mg/Kg	U	16.3	16.3	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Mercury		0.387	mg/Kg		0.067	0.067	1	6/30/2008	11:31:26	LEEMAN PS2	H06308S1	CV
Silver	<	2.0	mg/Kg	U	2.0	2.0	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Thallium	<	24.4	mg/Kg	U	24.4	24.4	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Zinc		134	mg/Kg		8.1	8.1	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8769101

Client ID: SB-050/0-1(ROC)

Matrix: SOIL

Date Received: 6/27/2008

Date Collected: 6/25/2008

Level: LOW

% Solids: 82

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18066

Prep Date: 7/1/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	17.7 mg/Kg	U		17.7	17.7	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Arsenic		3.8 mg/Kg			2.4	2.4	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Beryllium	<	0.24 mg/Kg	U		0.24	0.24	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Cadmium		0.31 mg/Kg			0.24	0.24	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Chromium		6.5 mg/Kg			0.59	0.59	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Copper		13.4 mg/Kg			1.2	1.2	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Lead		182 mg/Kg			1.2	1.2	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Nickel		4.9 mg/Kg			0.59	0.59	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Selenium	<	4.7 mg/Kg	U		4.7	4.7	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Silver	<	0.59 mg/Kg	U		0.59	0.59	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Mercury		0.448 mg/Kg			0.021	0.021	1	7/2/2008	13:53:45	LEEMAN PS2	G07028S1	CV
Thallium	<	7.1 mg/Kg	U		7.1	7.1	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Zinc		110 mg/Kg			2.4	2.4	1	7/2/2008	12:39	SUPERTRACE2	A070208	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8769102

Client ID: SB-050/6-8

Matrix: SOIL

Date Received: 6/27/2008

Date Collected: 6/25/2008

Level: LOW

% Solids: 66

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18066

Prep Date: 7/1/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	23.0 mg/Kg	U		23.0	23.0	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Arsenic		20.1 mg/Kg			3.1	3.1	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Beryllium		1.2 mg/Kg			0.31	0.31	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Cadmium		0.48 mg/Kg			0.31	0.31	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Chromium		16.7 mg/Kg			0.77	0.77	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Copper		139 mg/Kg			1.5	1.5	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Lead		1130 mg/Kg			1.5	1.5	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Nickel		26.8 mg/Kg			0.77	0.77	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Selenium	<	6.1 mg/Kg	U		6.1	6.1	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Mercury		5.5 mg/Kg			0.249	0.249	10	7/2/2008	14:25:13	LEEMAN PS2	G07028S1	CV
Silver	<	0.77 mg/Kg	U		0.77	0.77	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Thallium	<	9.2 mg/Kg	U		9.2	9.2	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Zinc		376 mg/Kg			3.1	3.1	1	7/2/2008	12:44	SUPERTRACE2	A070208	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8798805

Client ID: SB-070/6-7.5

Matrix: SOIL

Date Received: 7/3/2008

Date Collected: 6/27/2008

Level: LOW

% Solids: 78

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18345

Prep Date: 7/8/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	20.9 mg/Kg	U	N	20.9	20.9	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Arsenic		20.6 mg/Kg			2.8	2.8	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Beryllium		0.46 mg/Kg			0.28	0.28	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Cadmium		0.38 mg/Kg			0.28	0.28	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Chromium		15.6 mg/Kg			0.70	0.70	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Copper	✓	11.2 mg/Kg		E	1.4	1.4	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Lead		12.9 mg/Kg		E	1.4	1.4	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Nickel		19.4 mg/Kg			0.70	0.70	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Selenium	<	5.6 mg/Kg	U		5.6	5.6	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Silver	<	0.70 mg/Kg	U		0.70	0.70	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Mercury	<	0.020 mg/Kg	U		0.020	0.020	1	7/8/2008	13:55:17	LEEMAN PS2	G07088S1	CV
Thallium	<	8.4 mg/Kg	U		8.4	8.4	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Zinc		68.0 mg/Kg		E	2.8	2.8	1	7/8/2008	14:13	SUPERTRACE	107080W	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8798801

Client ID: SB-51/0-1(ROC)

Matrix: SOIL

Date Received: 7/3/2008

Date Collected: 7/1/2008

Level: LOW

% Solids: 85

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18345

Prep Date: 7/8/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	18.1 mg/Kg	U	N	18.1	18.1	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Arsenic		16.7 mg/Kg			2.4	2.4	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Beryllium		0.32 mg/Kg			0.24	0.24	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Cadmium		1.1 mg/Kg			0.24	0.24	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Chromium		16.7 mg/Kg			0.60	0.60	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Copper		53.0 mg/Kg		E	1.2	1.2	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Lead		174 mg/Kg		E	1.2	1.2	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Nickel		18.5 mg/Kg			0.60	0.60	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Selenium	<	4.8 mg/Kg	U		4.8	4.8	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Silver	<	0.60 mg/Kg	U		0.60	0.60	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Mercury		0.578 mg/Kg			0.018	0.018	1	7/8/2008	13:42:02	LEEMAN PS2	G07088S1	CV
Thallium	<	7.2 mg/Kg	U		7.2	7.2	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Zinc		281 mg/Kg		E	2.4	2.4	1	7/8/2008	13:29	SUPERTRACE	107080W	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8798802

Client ID: SB-53/0-1(ROC)

Matrix: SOIL

Date Received: 7/3/2008

Date Collected: 6/26/2008

Level: LOW

% Solids: 81

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18345

Prep Date: 7/8/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Analytical		Instrument	Run	M		
							Dil	Date				Time	
Antimony	<	17.5	mg/Kg	U	N	17.5	17.5	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Arsenic		16.8	mg/Kg			2.3	2.3	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Beryllium		0.29	mg/Kg			0.23	0.23	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Cadmium		1.2	mg/Kg			0.23	0.23	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Chromium		15.7	mg/Kg			0.58	0.58	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Copper		50.9	mg/Kg		E	1.2	1.2	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Lead		164	mg/Kg		E	1.2	1.2	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Nickel		18.4	mg/Kg			0.58	0.58	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Selenium	<	4.7	mg/Kg	U		4.7	4.7	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Silver	<	0.58	mg/Kg	U		0.58	0.58	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Mercury		0.680	mg/Kg			0.020	0.020	1	7/8/2008	13:46:21	LEEMAN PS2	G07088S1	CV
Thallium	<	7.0	mg/Kg	U		7.0	7.0	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Zinc		317	mg/Kg		E	2.3	2.3	1	7/8/2008	13:35	SUPERTRACE	107080W	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8837405

Client ID: TRIP BLANK

Matrix: WATER

Date Received: 7/11/2008

Date Collected: 7/10/2008

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A8B18830

Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Analytical		Instrument	Run	M	
							Dil	Date				Time
Antimony	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Arsenic	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Beryllium	<	2.0	ug/L	U	2.0	2.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Cadmium	<	1.0	ug/L	U	1.0	1.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Chromium	<	4.0	ug/L	U	4.0	4.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Copper	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Lead	<	5.0	ug/L	U	5.0	5.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Nickel	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Selenium	<	15.0	ug/L	U	15.0	15.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Mercury	<	0.200	ug/L	U	0.200	0.200	1	7/16/2008	17:51:21	LEEMAN PS2	G07168W1	CV
Silver	<	3.0	ug/L	U	3.0	3.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Thallium	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Zinc	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P

Comments:

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	BFB %REC #	DCE %REC #	TOL %REC #						TOT OUT
1	MSB39	A8B1804401	100	98	105						0
2	MSB42	A8B1811001	98	90	110						0
3	MSB44	A8B1833001	99	98	107						0
4	SB-002/6-8	A8798803	98	98	105						0
5	SB-018/4-6	A8798804	95	96	104						0
6	SB-036/7.5-8(ROC)	A8759501	99	97	108						0
7	SB-050/0-1(ROC)	A8769101	98	103	107						0
8	SB-050/6-8	A8769102	100	97	106						0
9	SB-052/0-1(ROC)	A8769103	99	97	106						0
10	SB-070/6-7.5	A8798805	95	101	101						0
11	SB-070/6-7.5	A8798805MS	94	87	104						0
12	SB-070/6-7.5	A8798805SD	94	87	104						0
13	SB-51/0-1(ROC)	A8798801	95	100	103						0
14	SB-53/0-1(ROC)	A8798802	95	102	105						0
15	VBLK39	A8B1804402	104	97	108						0
16	VBLK42	A8B1811002	99	90	107						0
17	VBLK44	A8B1833002	98	94	105						0

QC LIMITS

BFB = p-Bromofluorobenzene (72-126)
 DCE = 1,2-Dichloroethane-D4 (61-136)
 TOL = Toluene-D8 (71-125)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Level (low/med): MED

	Client Sample ID	Lab Sample ID	BFB %REC #	DCE %REC #	TOL %REC #						TOT OUT
1	MSB 070108	A8769110	91	96	98						0
2	SB-052/6-8(ROC)	A8769104	86	102	98						0
3	VBLK 070108	A8769111	94	100	101						0

QC LIMITS

BFB = p-Bromofluorobenzene (10-190)
 DCE = 1,2-Dichloroethane-D4 (10-190)
 TOL = Toluene-D8 (10-190)

- # Column to be used to flag recovery values
- * Values outside of contract required QC limits
- D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

	Client Sample ID	Lab Sample ID	BFB		DCE		TOL							TOT OUT
			%REC	#	%REC	#	%REC	#						
1	MSB42	A8B1811003	98		90		110							0
2	MSB44	A8B1833003	99		98		107							0
3	TRIP BLANK	A8769105	102		97		108							0
4	TRIP BLANK	A8798806	100		96		108							0
5	VBLK42	A8B1811004	99		90		107							0
6	VBLK44	A8B1833004	98		94		105							0

QC LIMITS

BFB = p-Bromofluorobenzene (73-120)
 DCE = 1,2-Dichloroethane-D4 (66-137)
 TOL = Toluene-D8 (71-126)

- # Column to be used to flag recovery values
- * Values outside of contract required QC limits
- D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	2FP		FBP		NBZ		PHL		TBP		TPH		TOT OUT
			%REC	#	%REC	#	%REC	#	%REC	#	%REC	#	%REC	#	
1	SB-002/6-8	A8798803	49		53		44		45		69		58		0
2	SB-018/4-6	A8798804	95		119		108		113		150	*	145	*	2
3	SB-018/4-6	A8798804RI	20	*	9	*	10	*	84		88		60		3
4	SB-036/7.5-8(ROC)	A8759501	75		95		84		76		70		67		0
5	SB-050/0-1(ROC)	A8769101	62		65		58		61		66		72		0
6	SB-050/6-8	A8769102	70		65		65		67		72		76		0
7	SB-052/0-1(ROC)	A8769103	48		59		50		53		69		74		0
8	SB-052/6-8(ROC)	A8769104	66		101		76		76		78		86		0
9	SB-070/6-7.5	A8798805	100		119		108		119		142	*	139	*	2
10	SB-070/6-7.5	A8798805AF	0	*	30	*	1750	*	0	*	88		72		4
11	SB-070/6-7.5	A8798805AH	0	*	33	*	29	*	0	*	81		65		4
12	SB-070/6-7.5	A8798805MS	30		99		73		49		143	*	134	*	2
13	SB-070/6-7.5	A8798805RI	97		34	*	36		276	*	85		57		2
14	SB-070/6-7.5	A8798805SD	39		107		76		59		156	*	146	*	2
15	SB-51/0-1(ROC)	A8798801	57		64		57		54		77		62		0
16	SB-53/0-1(ROC)	A8798802	111		120		96		100		131	*	105		1
17	SB-53/0-1(ROC)	A8798802RI	12	*	41	*	10	*	28	*	52		39	*	5
18	SBLK03	A8B1807903	65		76		72		74		75		87		0
19	SBLK109	A8B1833902	59		73		67		67		79		90		0
20	SBLK109 RI	A8798812	39		55		76		449	*	88		63		1
21	SBLK33	A8B1800702	49		66		54		50		81		73		0
22	SMSB03	A8B1807901	67		79		78		78		83		88		0
23	SMSB109	A8B1833901	64		84		79		77		94		83		0
24	SMSB109 RI	A8798811	298	*	74		71		527	*	97		76		2
25	SMSB33	A8B1800701	53		75		62		56		95		69		0
26	SMSBD03	A8B1807902	69		82		81		80		85		91		0

QC LIMITS

- 2FP = 2-Fluorophenol (30-120)
- FBP = 2-Fluorobiphenyl (43-120)
- NBZ = Nitrobenzene-D5 (35-120)
- PHL = Phenol-D5 (36-120)
- TBP = 2,4,6-Tribromophenol (46-129)
- TPH = p-Terphenyl-d14 (51-125)

- # Column to be used to flag recovery values
- * Values outside of contract required QC limits
- D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

GC Column(1): RTX-CLPII ID: 0.53 (mm)

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	DCBP %REC	#	TCMX %REC	#						TOT OUT
1	Matrix Spike Blank	A8B1804601	89		84							0
2	Matrix Spike Blank	A8B1807801	92		92							0
3	Matrix Spike Blank	A8B1833801	103		93							0
4	Matrix Spike Blank	A8B1864701	103		96							0
5	Matrix Spike Blk Dup	A8B1804602	94		90							0
6	Matrix Spike Blk Dup	A8B1807802	93		90							0
7	Method Blank	A8B1804603	91		79							0
8	Method Blank	A8B1807803	96		91							0
9	Method Blank	A8B1833802	104		93							0
10	Method Blank	A8B1864702	100		93							0
11	SB-002/6-8	A8798803	118		93							0
12	SB-002/6-8	A8798803RE	102		86							0
13	SB-018/4-6	A8798804	98		97							0
14	SB-018/4-6	A8798804RE	88		87							0
15	SB-036/7.5-8(ROC)	A8759501	0	D	0	D						0
16	SB-050/0-1(ROC)	A8769101	92		93							0
17	SB-050/6-8	A8769102	68		74							0
18	SB-070/6-7.5	A8798805	79		106							0
19	SB-070/6-7.5	A8798805RE	90		89							0
20	SB-51/0-1(ROC)	A8798801	0	D	0	D						0
21	SB-51/0-1(ROC)	A8798801RE	0	D	0	D						0
22	SB-53/0-1(ROC)	A8798802	230	*	98							1
23	SB-53/0-1(ROC)	A8798802RE	185	*	105							1

QC LIMITS

(DCBP) = Decachlorobiphenyl
 (TCMX) = Tetrachloro-m-xylene

(42-146)
 (37-135)

- # Column to be used to flag recovery values
- * Values outside of contract required QC limits
- D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

GC Column(1): ZB-35 ID: 0.53 (mm)

Level (low/med): LOW

Client Sample ID	Lab Sample ID	DCBP %REC #	TCMX %REC #							TOT OUT
1 Matrix Spike Blank	A8B1804601	87	88							0
2 Matrix Spike Blank	A8B1807801	91	93							0
3 Matrix Spike Blank	A8B1833801	84	81							0
4 Matrix Spike Blk Dup	A8B1804602	85	86							0
5 Matrix Spike Blk Dup	A8B1807802	88	90							0
6 Method Blank	A8B1804603	97	90							0
7 Method Blank	A8B1807803	90	91							0
8 Method Blank	A8B1833802	97	82							0
9 SB-002/6-8	A8798803	89	84							0
10 SB-018/4-6	A8798804	85	77							0
11 SB-036/7.5-8(ROC)	A8759501	68	78							0
12 SB-050/0-1(ROC)	A8769101	80	85							0
13 SB-050/6-8	A8769102	64	68							0
14 SB-070/6-7.5	A8798805	90	80							0
15 SB-51/0-1(ROC)	A8798801	108	86							0
16 SB-53/0-1(ROC)	A8798802	92	78							0

QC LIMITS

(DCBP) = Decachlorobiphenyl
 (TCMX) = Tetrachloro-m-xylene

(34-148)
 (35-134)

- # Column to be used to flag recovery values
- * Values outside of contract required QC limits
- D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc.

Contract: _____

Lab Samp ID: A8B1804402Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 7595Matrix Spike - Client Sample No.: VBLK39Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene _____	50.0	49.4	99	65 - 146
Trichloroethene _____	50.0	50.8	102	74 - 127
Benzene _____	50.0	50.4	101	74 - 128
Toluene _____	50.0	49.1	98	74 - 123
Chlorobenzene _____	50.0	48.8	98	76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limitsComments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1811002

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: VBLK42 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene _____	50.0	72.2	144	65 - 146
Trichloroethene _____	50.0	58.6	117	74 - 127
Benzene _____	50.0	56.7	114	74 - 128
Toluene _____	50.0	57.8	116	74 - 123
Chlorobenzene _____	50.0	55.7	112	76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc.

Contract: _____

Lab Samp ID: A8B1811004Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 7595Matrix Spike - Client Sample No.: VBLK42

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene _____	50.0	72.2	144 *	65 - 142
Trichloroethene _____	50.0	58.6	117	71 - 120
Benzene _____	50.0	56.7	114	67 - 126
Toluene _____	50.0	57.8	116	69 - 120
Chlorobenzene _____	50.0	55.7	112	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 1 out of 5 outside limitsComments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1833002
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Matrix Spike - Client Sample No.: VBLK44 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene _____	50.0	60.5	121	65 - 146
Trichloroethene _____	50.0	55.0	110	74 - 127
Benzene _____	50.0	55.3	111	74 - 128
Toluene _____	50.0	53.9	108	74 - 123
Chlorobenzene _____	50.0	54.0	108	76 - 124

Column to be used to flag recovery and RPD values with an asterisk
 * Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc.

Contract: _____

Lab Samp ID: A8B1833004Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 7595Matrix Spike - Client Sample No.: VELK44

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene _____	50.0	60.5	121	65 - 142
Trichloroethene _____	50.0	55.0	110	71 - 120
Benzene _____	50.0	55.3	111	67 - 126
Toluene _____	50.0	53.9	108	69 - 120
Chlorobenzene _____	50.0	54.0	108	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limitsComments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8769111

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: VELK 070108 Level: (low/med) MED

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Benzene	3056	3425	112	10 - 190
Toluene	3056	3487	114	10 - 190
Chlorobenzene	3056	3472	114	10 - 190
Trichloroethene	3056	3293	108	10 - 190
1,1-Dichloroethene	3056	3343	109	10 - 190

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8798805

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SB-070/6-7.5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	60.4	0	63.4	105	65 - 146
Trichloroethene	60.4	0	50.1	83	74 - 127
Benzene	60.4	0	53.9	89	74 - 127
Toluene	60.4	0	49.1	81	74 - 123
Chlorobenzene	60.4	0	47.6	79	76 - 124

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS REC.
1,1-Dichloroethene	60.6	61.1	101	4	22 65 - 146
Trichloroethene	60.6	48.1	79	5	24 74 - 127
Benzene	60.6	50.7	84	6	25 74 - 127
Toluene	60.6	46.4	77	5	25 74 - 123
Chlorobenzene	60.6	45.0	74 *	6	25 76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike recovery: 1 out of 10 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1800702

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SBLK33 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3281	2336	71	36 - 110
2-Chlorophenol	3281	2258	69	38 - 104
N-Nitroso-Di-n-propyl (1)	3281	2597	79	46 - 120
4-Chloro-3-methylphenol	3281	2788	85	49 - 125
Acenaphthene	3281	3124	95	53 - 119
4-Nitrophenol	3281	3389	103	44 - 137
2,4-Dinitrotoluene	3281	3275	100	55 - 125
Pentachlorophenol	3281	2724	83	33 - 136
Pyrene	3281	2755	84	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

LABELLA ASSOCIATES
LABELLA ASSOCIATES

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1807903

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SBLK03 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3318	2464	74	36 - 110
2-Chlorophenol	3318	2549	77	38 - 104
N-Nitroso-Di-n-propyl (1)	3318	2855	86	46 - 120
4-Chloro-3-methylphenol	3318	2940	89	49 - 125
Acenaphthene	3318	3104	94	53 - 119
4-Nitrophenol	3318	2828	85	44 - 137
2,4-Dinitrotoluene	3318	2933	88	55 - 125
Pentachlorophenol	3318	1904	57	33 - 136
Pyrene	3318	3456	104	51 - 133

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	QC LIMITS		
				% RPD #	RPD	REC.
Phenol	3318	2401	72	3	25	36 - 110
2-Chlorophenol	3318	2441	74	4	26	38 - 104
N-Nitroso-Di-n-propylami	3318	2751	83	4	20	46 - 120
4-Chloro-3-methylphenol	3318	3020	91	2	20	49 - 125
Acenaphthene	3318	3126	94	0	16	53 - 119
4-Nitrophenol	3318	2807	85	0	25	44 - 137
2,4-Dinitrotoluene	3318	2955	89	1	19	55 - 125
Pentachlorophenol	3318	2179	66	15	27	33 - 136
Pyrene	3318	3520	106	2	25	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits

Spike recovery: 0 out of 18 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1833902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SBLK109 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3278	2576	78	36 - 110
2-Chlorophenol	3278	2369	72	38 - 104
N-Nitroso-Di-n-propyl (1)	3278	2891	88	46 - 120
4-Chloro-3-methylphenol	3278	3262	99	49 - 125
Acenaphthene	3278	3201	98	53 - 119
4-Nitrophenol	3278	3019	92	44 - 137
2,4-Dinitrotoluene	3278	3342	102	55 - 125
Pentachlorophenol	3278	2692	82	33 - 136
Pyrene	3278	3306	101	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8798812

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SBLK109 RI Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3278	16264	496 *	36 - 110
2-Chlorophenol	3278	14296	436 *	38 - 104
N-Nitroso-Di-n-propyl (1)	3278	20023	611 *	46 - 120
4-Chloro-3-methylphenol	3278	3724	114	49 - 125
Acenaphthene	3278	2667	81	53 - 119
4-Nitrophenol	3278	3232	98	44 - 137
2,4-Dinitrotoluene	3278	3150	96	55 - 125
Pentachlorophenol	3278	3427	104	33 - 136
Pyrene	3278	2907	89	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 3 out of 9 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8798805

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SB-070/6-7.5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Phenol	4253	0	2205	52	36 - 110
2-Chlorophenol	4253	0	2744	64	38 - 104
N-Nitroso-Di-n-propyl (1)	4253	0	3919	92	46 - 120
4-Chloro-3-methylphenol	4253	0	6541	154 *	49 - 125
Acenaphthene	4253	0	5482	129 *	53 - 119
4-Nitrophenol	4253	0	7286	171 *	44 - 137
2,4-Dinitrotoluene	4253	0	7433	175 *	55 - 125
Pentachlorophenol	4253	0	8418	198 *	33 - 136
Pyrene	4253	0	7098	167 *	51 - 133

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD REC.
Phenol	4194	2712	65	22	25 | 36 - 110
2-Chlorophenol	4194	3086	74	14	26 | 38 - 104
N-Nitroso-Di-n-propyl (1)	4194	4437	106	14	20 | 46 - 120
4-Chloro-3-methylphenol	4194	6914	165 *	7	20 | 49 - 125
Acenaphthene	4194	5887	140 *	8	16 | 53 - 119
4-Nitrophenol	4194	7941	189 *	10	25 | 44 - 137
2,4-Dinitrotoluene	4194	7749	185 *	6	19 | 55 - 125
Pentachlorophenol	4194	9119	217 *	9	27 | 33 - 136
Pyrene	4194	7867	188 *	12	25 | 51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits
 Spike recovery: 12 out of 18 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8798805RI

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SB-070/6-7.5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Phenol	4253	0	0	0 *	36 - 110
2-Chlorophenol	4253	0	0	0 *	38 - 104
N-Nitroso-Di-n-propyl (1)	4253	0	0	0 *	46 - 120
4-Chloro-3-methylphenol	4253	0	75934	1780 *	49 - 125
Acenaphthene	4253	0	2759	65	53 - 119
4-Nitrophenol	4253	0	4746	112	44 - 137
2,4-Dinitrotoluene	4253	0	4490	106	55 - 125
Pentachlorophenol	4253	0	4147	97	33 - 136
Pyrene	4253	0	3253	76	51 - 133

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS REC.
Phenol	4194	0	0 *	0	25 | 36 - 110
2-Chlorophenol	4194	0	0 *	0	26 | 38 - 104
N-Nitroso-Di-n-propyl (1)	4194	0	0 *	0	20 | 46 - 120
4-Chloro-3-methylphenol	4194	201561	4800 *	92 *	20 | 49 - 125
Acenaphthene	4194	2963	71	9	16 | 53 - 119
4-Nitrophenol	4194	5331	127	12	25 | 44 - 137
2,4-Dinitrotoluene	4194	5122	122	14	19 | 55 - 125
Pentachlorophenol	4194	4425	106	9	27 | 33 - 136
Pyrene	4194	3640	87	13	25 | 51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 9 outside limits

Spike recovery: 8 out of 18 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1804603

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
gamma-BHC (Lindane)	16.6	15.5	93	37 - 120	
alpha-BHC	16.6	15.1	91	35 - 120	
Heptachlor	16.6	16.3	98	21 - 141	
Aldrin	16.6	14.2	86	38 - 120	
beta-BHC	16.6	16.5	99	35 - 133	
delta-BHC	16.6	15.3	92	23 - 126	
Dieldrin	16.6	15.9	96	36 - 120	
Endrin	16.6	16.0	96	39 - 126	
4,4'-DDD	16.6	15.9	96	33 - 127	
4,4'-DDT	16.6	18.0	108	47 - 145	
4,4'-DDE	16.6	15.8	95	22 - 141	
Endosulfan I	16.6	14.8	89	29 - 125	
Endosulfan II	16.6	17.0	102	39 - 121	
Endrin aldehyde	16.6	14.1	85	33 - 120	
Endosulfan Sulfate	16.6	15.0	90	43 - 120	
Heptachlor epoxide	16.6	16.0	96	44 - 122	
Methoxychlor	16.6	17.4	105	46 - 152	

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	QC LIMITS REC.	+
gamma-BHC (Lindane)	16.2	15.8	97	4	50	37 - 120
alpha-BHC	16.2	15.4	95	4	50	35 - 120
Heptachlor	16.2	16.6	102	4	50	21 - 141
Aldrin	16.2	14.9	92	7	50	38 - 120
beta-BHC	16.2	16.7	103	4	50	35 - 133
delta-BHC	16.2	15.4	95	3	50	23 - 126
Dieldrin	16.2	16.1	99	3	50	36 - 120
Endrin	16.2	16.2	100	4	50	39 - 126
4,4'-DDD	16.2	15.8	97	1	50	33 - 127
4,4'-DDT	16.2	17.9	110	2	50	47 - 145
4,4'-DDE	16.2	16.0	99	4	50	22 - 141
Endosulfan I	16.2	15.0	92	3	50	29 - 125
Endosulfan II	16.2	17.0	105	3	50	39 - 121
Endrin aldehyde	16.2	14.5	89	4	50	33 - 120
Endosulfan Sulfate	16.2	14.9	92	2	50	43 - 120
Heptachlor epoxide	16.2	16.3	100	4	50	44 - 122
Methoxychlor	16.2	17.4	107	2	50	46 - 152

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1804603

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD		QC LIMITS		+
			% REC #	% RPD #	RPD	REC.	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 17 outside limits
 Spike recovery: 0 out of 34 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1807803

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
gamma-BHC (Lindane)	16.3	13.8	84	37 - 120	
alpha-BHC	16.3	13.3	82	35 - 120	
Heptachlor	16.3	14.1	86	21 - 141	
Aldrin	16.3	10.2	63	38 - 120	
beta-BHC	16.3	14.4	88	35 - 133	
delta-BHC	16.3	13.7	84	23 - 126	
Dieldrin	16.3	13.9	85	36 - 120	
Endrin	16.3	13.9	85	39 - 126	
4,4'-DDD	16.3	14.9	91	33 - 127	
4,4'-DDT	16.3	15.4	94	47 - 145	
4,4'-DDE	16.3	13.8	85	22 - 141	
Endosulfan I	16.3	12.6	77	29 - 125	
Endosulfan II	16.3	14.9	92	39 - 121	
Endrin aldehyde	16.3	14.5	89	33 - 120	
Endosulfan Sulfate	16.3	14.0	86	43 - 120	
Heptachlor epoxide	16.3	14.0	86	44 - 122	
Methoxychlor	16.3	15.3	94	46 - 152	

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	QC LIMITS		+
					RPD	REC.	
gamma-BHC (Lindane)	16.4	15.5	95	12	50	37 - 120	
alpha-BHC	16.4	15.0	92	11	50	35 - 120	
Heptachlor	16.4	16.0	98	13	50	21 - 141	
Aldrin	16.4	11.5	70	10	50	38 - 120	
beta-BHC	16.4	16.5	101	14	50	35 - 133	
delta-BHC	16.4	15.7	96	13	50	23 - 126	
Dieldrin	16.4	15.6	96	12	50	36 - 120	
Endrin	16.4	15.6	96	12	50	39 - 126	
4,4'-DDD	16.4	16.9	103	12	50	33 - 127	
4,4'-DDT	16.4	17.0	104	10	50	47 - 145	
4,4'-DDE	16.4	15.6	95	11	50	22 - 141	
Endosulfan I	16.4	14.1	86	11	50	29 - 125	
Endosulfan II	16.4	16.7	102	10	50	39 - 121	
Endrin aldehyde	16.4	16.9	103	14	50	33 - 120	
Endosulfan Sulfate	16.4	15.8	97	12	50	43 - 120	
Heptachlor epoxide	16.4	15.9	97	12	50	44 - 122	
Methoxychlor	16.4	17.1	104	10	50	46 - 152	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1807803

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD		QC LIMITS		+
			% REC #	% RPD #	RPD	REC.	
=====	=====	=====	=====	=====	=====	=====	=====

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 17 outside limits

Spike recovery: 0 out of 34 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1833802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
gamma-BHC (Lindane)	16.5	15.5	94	50 - 120	
alpha-BHC	16.5	15.5	90	49 - 120	
Heptachlor	16.5	16.5	100	47 - 120	
Aldrin	16.5	4.65	25 *	35 - 120	
beta-BHC	16.5	16.3	98	56 - 120	
delta-BHC	16.5	15.7	95	45 - 123	
Dieldrin	16.5	17.3	104	57 - 120	
Endrin	16.5	18.7	113	54 - 147	
4,4'-DDD	16.5	21.5	128	55 - 129	
4,4'-DDT	16.5	19.8	120	47 - 145	
4,4'-DDE	16.5	17.4	101	59 - 120	
Endosulfan I	16.5	15.6	92	29 - 125	
Endosulfan II	16.5	17.4	105	39 - 121	
Endrin aldehyde	16.5	18.7	113	33 - 120	
Endosulfan Sulfate	16.5	16.1	97	43 - 120	
Heptachlor epoxide	16.5	17.7	107	44 - 122	
Methoxychlor	16.5	19.4	117	46 - 152	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 1 out of 17 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1864702

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
gamma-BHC (Lindane)	16.4	16.7	102	50 - 120	
alpha-BHC	16.4	15.8	96	49 - 120	
Heptachlor	16.4	17.3	105	47 - 120	
Aldrin	16.4	11.9	72	35 - 120	
beta-BHC	16.4	17.3	105	56 - 120	
delta-BHC	16.4	16.6	101	45 - 123	
Dieldrin	16.4	17.1	104	57 - 120	
Endrin	16.4	16.3	99	54 - 147	
4,4'-DDD	16.4	18.4	112	55 - 129	
4,4'-DDT	16.4	18.6	113	47 - 145	
4,4'-DDE	16.4	17.5	106	59 - 120	
Endosulfan I	16.4	16.3	99	29 - 125	
Endosulfan II	16.4	16.7	101	39 - 121	
Endrin aldehyde	16.4	18.0	110	33 - 120	
Endosulfan Sulfate	16.4	16.5	100	43 - 120	
Heptachlor epoxide	16.4	17.7	108	44 - 122	
Methoxychlor	16.4	19.1	116	46 - 152	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 17 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1804603

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
Aroclor 1260	162	164	101	52 - 140	
Aroclor 1016	162	143	88	59 - 154	

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	RPD	QC LIMITS REC.	+
Aroclor 1260	162	160	99	2	50	52 - 140	
Aroclor 1016	162	141	87	1	50	59 - 154	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
 Spike recovery: 0 out of 4 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1807803

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
Aroclor 1260	162	159	98	52 - 140	
Aroclor 1016	162	145	90	59 - 154	

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	QC LIMITS REC.		+
Aroclor 1260	164	154	94	4	50	52 - 140	
Aroclor 1016	164	141	86	4	50	59 - 154	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
 Spike recovery: 0 out of 4 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1833802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
Aroclor 1260	165	142	86	52 - 140	
Aroclor 1016	165	148	90	59 - 154	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

LaBella Associates

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

SB-002/6-8/MS

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595

Matrix (soil/water): SOIL

Level (low/med):

LOW

% Solids for Sample: 85.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	24.6379		18.3290	U	48.88	50	N	P
Arsenic	75 - 125	61.2043		16.5429		48.88	91		P
Beryllium	75 - 125	43.6366		0.5539		48.88	88		P
Cadmium	75 - 125	43.1307		0.3350		48.88	88		P
Chromium	75 - 125	63.3097		16.9855		48.88	95		P
Copper	75 - 125	60.2879		18.6835		48.88	85		P
Lead	75 - 125	75.9580		28.4757		48.88	97		P
Nickel	75 - 125	52.7278		9.5697		48.88	88		P
Selenium	75 - 125	43.3910		4.8877	U	48.88	89		P
Silver	75 - 125	11.4349		0.6110	U	12.22	94		P
Mercury	75 - 125	0.7059		0.2844		0.40	105		CV
Thallium	75 - 125	43.2113		7.3316	U	48.88	88		P
Zinc	75 - 125	111.5701		70.1541		48.88	85		P

Comments: _____

LaBella Associates

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

SB-002/6-8/SD

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595

Matrix (soil/water): SOIL

Level (low/med):

LOW

% Solids for Sample: 85.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	23.0258		17.8467	U	47.59	48	N	P
Arsenic	75 - 125	59.3438		16.5429		47.59	90		P
Beryllium	75 - 125	42.8297		0.5539		47.59	89		P
Cadmium	75 - 125	42.0682		0.3350		47.59	88		P
Chromium	75 - 125	62.0720		16.9855		47.59	95		P
Copper	75 - 125	63.1036		18.6835		47.59	93		P
Lead	75 - 125	75.5510		28.4757		47.59	99		P
Nickel	75 - 125	54.4717		9.5697		47.59	94		P
Selenium	75 - 125	42.6953		4.7591	U	47.59	90		P
Silver	75 - 125	11.3112		0.5949	U	11.90	95		P
Mercury	75 - 125	0.6084		0.2844		0.39	83		CV
Thallium	75 - 125	41.5281		7.1387	U	47.59	87		P
Zinc	75 - 125	117.1779		70.1541		47.59	99		P

Comments: _____

LaBella Associates

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-023/MS

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595

Matrix (soil/water): WATER

Level (low/med):

LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	204.9100		20.0000	U	200.00	102		P
Arsenic	75 - 125	211.2100		10.0000	U	200.00	106		P
Beryllium	75 - 125	203.4000		2.0000	U	200.00	102		P
Cadmium	75 - 125	200.1100		1.0000	U	200.00	100		P
Chromium	75 - 125	202.7200		4.0000	U	200.00	101		P
Copper	75 - 125	203.5400		10.0000	U	200.00	102		P
Lead	75 - 125	201.8900		5.0000	U	200.00	101		P
Nickel	75 - 125	202.9700		10.0000	U	200.00	101		P
Selenium	75 - 125	208.5600		15.0000	U	200.00	104		P
Mercury	75 - 125	6.2000		0.2000	U	6.67	93		CV
Silver	75 - 125	52.9000		3.0000	U	50.00	106		P
Thallium	75 - 125	202.6600		20.0000	U	200.00	101		P
Zinc	75 - 125	210.1500		10.0000	U	200.00	105		P

Comments: _____

LaBella Associates

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-023/SD

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	203.0100		20.0000	U	200.00	102		P
Arsenic	75 - 125	208.1500		10.0000	U	200.00	104		P
Beryllium	75 - 125	201.5200		2.0000	U	200.00	101		P
Cadmium	75 - 125	197.6200		1.0000	U	200.00	99		P
Chromium	75 - 125	201.1000		4.0000	U	200.00	101		P
Copper	75 - 125	202.8300		10.0000	U	200.00	101		P
Lead	75 - 125	199.9700		5.0000	U	200.00	100		P
Nickel	75 - 125	201.1400		10.0000	U	200.00	101		P
Selenium	75 - 125	205.6800		15.0000	U	200.00	103		P
Mercury	75 - 125	6.3500		0.2000	U	6.67	95		CV
Silver	75 - 125	52.2100		3.0000	U	50.00	104		P
Thallium	75 - 125	203.7200		20.0000	U	200.00	102		P
Zinc	75 - 125	209.2900		10.0000	U	200.00	105		P

Comments: _____

LaBella Associates
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

SB-002/6-8A

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Antimony	| 75 - 125 |	352.88	20.00 | U |	400.0	88		P
Arsenic	| 75 - 125 |	498.79	136.79	400.0	90		P
Beryllium	| 75 - 125 |	372.39	4.58	400.0	92		P
Cadmium	| 75 - 125 |	356.47	2.77	400.0	88		P
Chromium	| 75 - 125 |	505.42	140.45	400.0	91		P
Copper	| 75 - 125 |	523.04	154.49	400.0	92		P
Lead	| 75 - 125 |	591.02	235.46	400.0	89		P
Nickel	| 75 - 125 |	436.33	79.13	400.0	89		P
Selenium	| 75 - 125 |	366.21	15.00 | U |	400.0	92		P
Silver	| 75 - 125 |	94.19	3.00 | U |	100.0	94		P
Thallium	| 75 - 125 |	351.24	20.00 | U |	400.0	88		P
Zinc	| 75 - 125 |	942.04	580.09	400.0	90		P

Comments: _____

LaBella Associates
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-023A

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added(SA)	%R	Q	M
Antimony	| 75 - 125 |	208.85	20.00 | U |	200.0	104		P
Arsenic	| 75 - 125 |	215.74	10.00 | U |	200.0	108		P
Beryllium	| 75 - 125 |	205.70	2.00 | U |	200.0	103		P
Cadmium	| 75 - 125 |	203.55	1.00 | U |	200.0	102		P
Chromium	| 75 - 125 |	203.15	4.00 | U |	200.0	102		P
Copper	| 75 - 125 |	201.09	10.00 | U |	200.0	101		P
Lead	| 75 - 125 |	202.94	5.00 | U |	200.0	101		P
Nickel	| 75 - 125 |	202.33	10.00 | U |	200.0	101		P
Selenium	| 75 - 125 |	210.64	15.00 | U |	200.0	105		P
Silver	| 75 - 125 |	51.32	3.00 | U |	50.0	103		P
Thallium	| 75 - 125 |	205.91	20.00 | U |	200.0	103		P
Zinc	75 - 125	205.66	10.00 U	200.0	103		P

Comments: _____

TESTAMERICA LABORATORIES INC.

LaBella Associates

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DUPLICATES

SAMPLE NO.

SB-002/6-8/SD

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

Matrix (soil/water): SOIL

Level (low/med):

LOW

% Solids for Sample: 85.1

% Solids for Duplicate:

85.1

Concentration Units (ug/L or mg/kg dry weight):

MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Antimony		24.6379		23.0258		7		P
Arsenic		61.2043		59.3438		3		P
Beryllium		43.6366		42.8297		2		P
Cadmium		43.1307		42.0682		2		P
Chromium		63.3097		62.0720		2		P
Copper		60.2879		63.1036		5		P
Lead		75.9580		75.5510		1		P
Nickel		52.7278		54.4717		3		P
Selenium		43.3910		42.6953		2		P
Silver		11.4349		11.3112		1		P
Mercury		0.7059		0.6084		15		CV
Thallium		43.2113		41.5281		4		P
Zinc		111.5701		117.1779		5		P

TESTAMERICA LABORATORIES INC.

LaBella Associates

-6-

DUPLICATES

SAMPLE NO.

MW-023/SD

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Matrix (soil/water): WATER Level (low/med): LOW% Solids for Sample: 0.0 % Solids for Duplicate: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Antimony		204.9100		203.0100		1		P
Arsenic		211.2100		208.1500		1		P
Beryllium		203.4000		201.5200		1		P
Cadmium		200.1100		197.6200		1		P
Chromium		202.7200		201.1000		1		P
Copper		203.5400		202.8300		0		P
Lead		201.8900		199.9700		1		P
Nickel		202.9700		201.1400		1		P
Selenium		208.5600		205.6800		1		P
Mercury		6.2000		6.3500		2		CV
Silver		52.9000		52.2100		1		P
Thallium		202.6600		203.7200		1		P
Zinc		210.1500		209.2900		0		P

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.

VBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
Lab File ID: F2984.RR Lab Sample ID: A8B1804402
Date Analyzed: 06/27/2008 Time Analyzed: 20:50
GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y
Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB39	A8B1804401	F2985.RR	21:37
2	SB-036/7.5-8 (ROC)	A8759501	F2987.RR	22:42

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1804402

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F2984.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 06/27/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5	U
75-27-4-----	Bromodichloromethane	5	U
75-25-2-----	Bromoform	5	U
74-83-9-----	Bromomethane	5	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-90-7-----	Chlorobenzene	5	U
75-00-3-----	Chloroethane	5	U
67-66-3-----	Chloroform	5	U
74-87-3-----	Chloromethane	5	U
110-82-7-----	Cyclohexane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
124-48-1-----	Dibromochloromethane	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
75-71-8-----	Dichlorodifluoromethane	5	U
75-34-3-----	1,1-Dichloroethane	5	U
107-06-2-----	1,2-Dichloroethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5----	cis-1,3-Dichloropropene	5	U
10061-02-6----	trans-1,3-Dichloropropene	5	U
100-41-4-----	Ethylbenzene	5	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5	U
79-20-9-----	Methyl acetate	5	U
108-87-2-----	Methylcyclohexane	5	U
75-09-2-----	Methylene chloride	5	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1804402

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F2984.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 06/27/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-10-1-----	4-Methyl-2-pentanone		25	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		5	U
100-42-5-----	Styrene		5	U
79-34-5-----	1,1,2,2-Tetrachloroethane		5	U
127-18-4-----	Tetrachloroethene		5	U
108-88-3-----	Toluene		5	U
120-82-1-----	1,2,4-Trichlorobenzene		5	U
71-55-6-----	1,1,1-Trichloroethane		5	U
79-00-5-----	1,1,2-Trichloroethane		5	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		5	U
75-69-4-----	Trichlorofluoromethane		5	U
79-01-6-----	Trichloroethene		5	U
75-01-4-----	Vinyl chloride		10	U
1330-20-7-----	Total Xylenes		15	U

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK39

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1804402

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F2984.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Date Analyzed: 06/27/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: F3033.RR Lab Sample ID: A8B1811002

Date Analyzed: 07/01/2008 Time Analyzed: 10:18

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB42	A8B1811001	F3031.RR	09:27
2	SB-050/0-1 (ROC)	A8769101	F3034.RR	10:49
3	SB-050/6-8	A8769102	F3035.RR	11:14
4	SB-052/0-1 (ROC)	A8769103	F3036.RR	11:40

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1811002Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3033.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

67-64-1-----	Acetone		25	U
71-43-2-----	Benzene		5	U
75-27-4-----	Bromodichloromethane		5	U
75-25-2-----	Bromoform		5	U
74-83-9-----	Bromomethane		5	U
78-93-3-----	2-Butanone		25	U
75-15-0-----	Carbon Disulfide		5	U
56-23-5-----	Carbon Tetrachloride		5	U
108-90-7-----	Chlorobenzene		5	U
75-00-3-----	Chloroethane		5	U
67-66-3-----	Chloroform		5	U
74-87-3-----	Chloromethane		5	U
110-82-7-----	Cyclohexane		5	U
106-93-4-----	1,2-Dibromoethane		5	U
124-48-1-----	Dibromochloromethane		5	U
96-12-8-----	1,2-Dibromo-3-chloropropane		5	U
95-50-1-----	1,2-Dichlorobenzene		5	U
541-73-1-----	1,3-Dichlorobenzene		5	U
106-46-7-----	1,4-Dichlorobenzene		5	U
75-71-8-----	Dichlorodifluoromethane		5	U
75-34-3-----	1,1-Dichloroethane		5	U
107-06-2-----	1,2-Dichloroethane		5	U
75-35-4-----	1,1-Dichloroethene		5	U
156-59-2-----	cis-1,2-Dichloroethene		5	U
156-60-5-----	trans-1,2-Dichloroethene		5	U
78-87-5-----	1,2-Dichloropropane		5	U
10061-01-5----	cis-1,3-Dichloropropene		5	U
10061-02-6----	trans-1,3-Dichloropropene		5	U
100-41-4-----	Ethylbenzene		5	U
591-78-6-----	2-Hexanone		25	U
98-82-8-----	Isopropylbenzene		5	U
79-20-9-----	Methyl acetate		5	U
108-87-2-----	Methylcyclohexane		5	U
75-09-2-----	Methylene chloride		5	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1811002

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3033.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-10-1-----4	Methyl-2-pentanone	25	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5-----	Styrene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
108-88-3-----	Toluene	5	U
120-82-1-----	1,2,4-Trichlorobenzene	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
79-01-6-----	Trichloroethene	5	U
75-01-4-----	Vinyl chloride	10	U
1330-20-7-----	Total Xylenes	15	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK42

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1811002

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3033.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: F3033.RR Lab Sample ID: A8B1811004

Date Analyzed: 07/01/2008 Time Analyzed: 10:18

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB42	A8B1811003	F3031.RR	09:27
2	TRIP BLANK	A8769105	F3042.RR	17:59

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8B1811004Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3033.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
67-64-1-----	Acetone		5.0	U
71-43-2-----	Benzene		1.0	U
75-27-4-----	Bromodichloromethane		1.0	U
75-25-2-----	Bromoform		1.0	U
74-83-9-----	Bromomethane		1.0	U
78-93-3-----	2-Butanone		5.0	U
75-15-0-----	Carbon Disulfide		1.0	U
56-23-5-----	Carbon Tetrachloride		1.0	U
108-90-7-----	Chlorobenzene		1.0	U
75-00-3-----	Chloroethane		1.0	U
67-66-3-----	Chloroform		1.0	U
74-87-3-----	Chloromethane		1.0	U
110-82-7-----	Cyclohexane		1.0	U
106-93-4-----	1,2-Dibromoethane		1.0	U
124-48-1-----	Dibromochloromethane		1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane		1.0	U
95-50-1-----	1,2-Dichlorobenzene		1.0	U
541-73-1-----	1,3-Dichlorobenzene		1.0	U
106-46-7-----	1,4-Dichlorobenzene		1.0	U
75-71-8-----	Dichlorodifluoromethane		1.0	U
75-34-3-----	1,1-Dichloroethane		1.0	U
107-06-2-----	1,2-Dichloroethane		1.0	U
75-35-4-----	1,1-Dichloroethene		1.0	U
156-59-2-----	cis-1,2-Dichloroethene		1.0	U
156-60-5-----	trans-1,2-Dichloroethene		1.0	U
78-87-5-----	1,2-Dichloropropane		1.0	U
10061-01-5----	cis-1,3-Dichloropropene		1.0	U
10061-02-6----	trans-1,3-Dichloropropene		1.0	U
100-41-4-----	Ethylbenzene		1.0	U
591-78-6-----	2-Hexanone		5.0	U
98-82-8-----	Isopropylbenzene		1.0	U
79-20-9-----	Methyl acetate		1.0	U
108-87-2-----	Methylcyclohexane		1.0	U
75-09-2-----	Methylene chloride		1.0	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) WATER Lab Sample ID: A8B1811004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3033.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/L</u>	Q
108-10-1-----4-	Methyl-2-pentanone		5.0	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		1.0	U
100-42-5-----	Styrene		1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane		1.0	U
127-18-4-----	Tetrachloroethene		1.0	U
108-88-3-----	Toluene		1.0	U
120-82-1-----	1,2,4-Trichlorobenzene		1.0	U
71-55-6-----	1,1,1-Trichloroethane		1.0	U
79-00-5-----	1,1,2-Trichloroethane		1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		1.0	U
75-69-4-----	Trichlorofluoromethane		1.0	U
79-01-6-----	Trichloroethene		1.0	U
75-01-4-----	Vinyl chloride		1.0	U
1330-20-7-----	Total Xylenes		3.0	U

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK42

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) WATER Lab Sample ID: A8B1811004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3033.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: F3064.RR Lab Sample ID: A8B1833002

Date Analyzed: 07/03/2008 Time Analyzed: 22:04

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
=====				
1	MSB44	A8B1833001	F3063.RR	21:38
2	SB-002/6-8	A8798803	F3078.RR	04:16
3	SB-018/4-6	A8798804	F3079.RR	04:41
4	SB-070/6-7.5	A8798805	F3080.RR	05:07
5	SB-070/6-7.5	A8798805MS	F3081.RR	05:32
6	SB-070/6-7.5	A8798805SD	F3082.RR	05:58
7	SB-51/0-1 (ROC)	A8798801	F3076.RR	03:25
8	SB-53/0-1 (ROC)	A8798802	F3077.RR	03:51

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833002

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3064.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/KG	Q
67-64-1	Acetone	6		J
71-43-2	Benzene	5		U
75-27-4	Bromodichloromethane	5		U
75-25-2	Bromoform	5		U
74-83-9	Bromomethane	5		U
78-93-3	2-Butanone	25		U
75-15-0	Carbon Disulfide	5		U
56-23-5	Carbon Tetrachloride	5		U
108-90-7	Chlorobenzene	5		U
75-00-3	Chloroethane	5		U
67-66-3	Chloroform	5		U
74-87-3	Chloromethane	5		U
110-82-7	Cyclohexane	5		U
106-93-4	1,2-Dibromoethane	5		U
124-48-1	Dibromochloromethane	5		U
96-12-8	1,2-Dibromo-3-chloropropane	5		U
95-50-1	1,2-Dichlorobenzene	5		U
541-73-1	1,3-Dichlorobenzene	5		U
106-46-7	1,4-Dichlorobenzene	5		U
75-71-8	Dichlorodifluoromethane	5		U
75-34-3	1,1-Dichloroethane	5		U
107-06-2	1,2-Dichloroethane	5		U
75-35-4	1,1-Dichloroethene	5		U
156-59-2	cis-1,2-Dichloroethene	5		U
156-60-5	trans-1,2-Dichloroethene	5		U
78-87-5	1,2-Dichloropropane	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
10061-02-6	trans-1,3-Dichloropropene	5		U
100-41-4	Ethylbenzene	5		U
591-78-6	2-Hexanone	25		U
98-82-8	Isopropylbenzene	5		U
79-20-9	Methyl acetate	5		U
108-87-2	Methylcyclohexane	5		U
75-09-2	Methylene chloride	5		

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833002

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3064.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-10-1-----	4-Methyl-2-pentanone	25		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	5		U
100-42-5-----	Styrene	5		U
79-34-5-----	1,1,2,2-Tetrachloroethane	5		U
127-18-4-----	Tetrachloroethene	5		U
108-88-3-----	Toluene	5		U
120-82-1-----	1,2,4-Trichlorobenzene	5		U
71-55-6-----	1,1,1-Trichloroethane	5		U
79-00-5-----	1,1,2-Trichloroethane	5		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5		U
75-69-4-----	Trichlorofluoromethane	5		U
79-01-6-----	Trichloroethene	5		U
75-01-4-----	Vinyl chloride	10		U
1330-20-7-----	Total Xylenes	15		U

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK44

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833002

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3064.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Date Analyzed: 07/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____
 Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID: F3064.RR Lab Sample ID: A8B1833004
 Date Analyzed: 07/03/2008 Time Analyzed: 22:04
 GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y
 Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB44	A8B1833003	F3063.RR	21:38
2	TRIP BLANK	A8798806	F3083.RR	06:24

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) WATER Lab Sample ID: A8B1833004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3064.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
67-64-1-----	Acetone	5.9	
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	1.0	U
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.0	U
541-73-1-----	1,3-Dichlorobenzene	1.0	U
106-46-7-----	1,4-Dichlorobenzene	1.0	U
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	1.0	U
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	1.0	U
75-09-2-----	Methylene chloride	4.8	

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) WATER Lab Sample ID: A8B1833004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3064.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	5.0	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5-----Styrene	1.0	U
79-34-5-----1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----Tetrachloroethene	1.0	U
108-88-3-----Toluene	1.0	U
120-82-1-----1,2,4-Trichlorobenzene	1.0	U
71-55-6-----1,1,1-Trichloroethane	1.0	U
79-00-5-----1,1,2-Trichloroethane	1.0	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4-----Trichlorofluoromethane	1.0	U
79-01-6-----Trichloroethene	1.0	U
75-01-4-----Vinyl chloride	1.0	U
1330-20-7-----Total Xylenes	3.0	U

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK44

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) WATER Lab Sample ID: A8B1833004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3064.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Date Analyzed: 07/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.

VBLK 070108

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: P9171.RR Lab Sample ID: A8769111

Date Analyzed: 07/04/2008 Time Analyzed: 00:50

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB 070108	A8769110	P9170.RR	00:22
2	SB-052/6-8 (ROC)	A8769104	P9239.RR	07:33

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK 070108

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769111Sample wt/vol: 4.04 (g/mL) G Lab File ID: P9171.RRLevel: (low/med) MED Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

67-64-1-----	Acetone		620	U
71-43-2-----	Benzene		120	U
75-27-4-----	Bromodichloromethane		120	U
75-25-2-----	Bromoform		120	U
74-83-9-----	Bromomethane		120	U
78-93-3-----	2-Butanone		620	U
75-15-0-----	Carbon Disulfide		120	U
56-23-5-----	Carbon Tetrachloride		120	U
108-90-7-----	Chlorobenzene		120	U
75-00-3-----	Chloroethane		120	U
67-66-3-----	Chloroform		120	U
74-87-3-----	Chloromethane		120	U
110-82-7-----	Cyclohexane		120	U
106-93-4-----	1,2-Dibromoethane		120	U
124-48-1-----	Dibromochloromethane		120	U
96-12-8-----	1,2-Dibromo-3-chloropropane		120	U
95-50-1-----	1,2-Dichlorobenzene		120	U
541-73-1-----	1,3-Dichlorobenzene		120	U
106-46-7-----	1,4-Dichlorobenzene		120	U
75-71-8-----	Dichlorodifluoromethane		120	U
75-34-3-----	1,1-Dichloroethane		120	U
107-06-2-----	1,2-Dichloroethane		120	U
75-35-4-----	1,1-Dichloroethene		120	U
156-59-2-----	cis-1,2-Dichloroethene		120	U
156-60-5-----	trans-1,2-Dichloroethene		120	U
78-87-5-----	1,2-Dichloropropane		120	U
10061-01-5----	cis-1,3-Dichloropropene		120	U
10061-02-6----	trans-1,3-Dichloropropene		120	U
100-41-4-----	Ethylbenzene		120	U
591-78-6-----	2-Hexanone		620	U
98-82-8-----	Isopropylbenzene		120	U
79-20-9-----	Methyl acetate		120	U
108-87-2-----	Methylcyclohexane		120	U
75-09-2-----	Methylene chloride		120	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK 070108

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769111Sample wt/vol: 4.04 (g/mL) G Lab File ID: P9171.RRLevel: (low/med) MED Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

108-10-1-----	4-Methyl-2-pentanone	620		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	120		U
100-42-5-----	Styrene	120		U
79-34-5-----	1,1,2,2-Tetrachloroethane	120		U
127-18-4-----	Tetrachloroethene	120		U
108-88-3-----	Toluene	120		U
120-82-1-----	1,2,4-Trichlorobenzene	120		U
71-55-6-----	1,1,1-Trichloroethane	120		U
79-00-5-----	1,1,2-Trichloroethane	120		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	120		U
75-69-4-----	Trichlorofluoromethane	120		U
79-01-6-----	Trichloroethene	120		U
75-01-4-----	Vinyl chloride	250		U
1330-20-7-----	Total Xylenes	370		U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK 070108

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769111

Sample wt/vol: 4.04 (g/mL) G Lab File ID: P9171.RR

Level: (low/med) MED Date Samp/Recv: _____

% Moisture: not dec. _____ Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

SBLK33

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: X24762.RR Lab Sample ID: A8B1800702

Instrument ID: HP5973X Date Extracted: 06/30/2008

Matrix: (soil/water) SOIL Date Analyzed: 07/01/2008

Level: (low/med) LOW Time Analyzed: 11:45

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
1	SB-036/7.5-8 (ROC)	A8759501	X24776.RR	07/01/2008
2	SMSB33	A8B1800701	X24761.RR	07/01/2008

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK33

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1800702Sample wt/vol: 30.12 (g/mL) G Lab File ID: X24762.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

83-32-9-----	Acenaphthene	170	U	
208-96-8-----	Acenaphthylene	170	U	
98-86-2-----	Acetophenone	170	U	
120-12-7-----	Anthracene	170	U	
1912-24-9-----	Atrazine	170	U	
100-52-7-----	Benzaldehyde	170	U	
56-55-3-----	Benzo (a) anthracene	170	U	
205-99-2-----	Benzo (b) fluoranthene	170	U	
207-08-9-----	Benzo (k) fluoranthene	170	U	
191-24-2-----	Benzo (ghi) perylene	170	U	
50-32-8-----	Benzo (a) pyrene	170	U	
92-52-4-----	Biphenyl	170	U	
111-91-1-----	Bis (2-chloroethoxy) methane	170	U	
111-44-4-----	Bis (2-chloroethyl) ether	170	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	170	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	170	U	
101-55-3-----	4-Bromophenyl phenyl ether	170	U	
85-68-7-----	Butyl benzyl phthalate	170	U	
105-60-2-----	Caprolactam	170	U	
106-47-8-----	4-Chloroaniline	170	U	
59-50-7-----	4-Chloro-3-methylphenol	170	U	
91-58-7-----	2-Chloronaphthalene	170	U	
95-57-8-----	2-Chlorophenol	170	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	170	U	
86-74-8-----	Carbazole	170	U	
218-01-9-----	Chrysene	15	J	
53-70-3-----	Dibenzo (a,h) anthracene	170	U	
132-64-9-----	Dibenzofuran	170	U	
84-74-2-----	Di-n-butyl phthalate	170	U	
91-94-1-----	3,3'-Dichlorobenzidine	170	U	
120-83-2-----	2,4-Dichlorophenol	170	U	
84-66-2-----	Diethyl phthalate	170	U	

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK33

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1800702Sample wt/vol: 30.12 (g/mL) G Lab File ID: X24762.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
105-67-9	2,4-Dimethylphenol	170	U	
131-11-3	Dimethyl phthalate	170	U	
534-52-1	4,6-Dinitro-2-methylphenol	330	U	
51-28-5	2,4-Dinitrophenol	330	U	
121-14-2	2,4-Dinitrotoluene	170	U	
606-20-2	2,6-Dinitrotoluene	170	U	
117-84-0	Di-n-octyl phthalate	170	U	
206-44-0	Fluoranthene	170	U	
86-73-7	Fluorene	170	U	
118-74-1	Hexachlorobenzene	170	U	
87-68-3	Hexachlorobutadiene	170	U	
77-47-4	Hexachlorocyclopentadiene	170	U	
67-72-1	Hexachloroethane	170	U	
193-39-5	Indeno (1,2,3-cd) pyrene	170	U	
78-59-1	Isophorone	170	U	
91-57-6	2-Methylnaphthalene	170	U	
95-48-7	2-Methylphenol	170	U	
106-44-5	4-Methylphenol	170	U	
91-20-3	Naphthalene	170	U	
88-74-4	2-Nitroaniline	330	U	
99-09-2	3-Nitroaniline	330	U	
100-01-6	4-Nitroaniline	330	U	
98-95-3	Nitrobenzene	170	U	
88-75-5	2-Nitrophenol	170	U	
100-02-7	4-Nitrophenol	330	U	
86-30-6	N-nitrosodiphenylamine	170	U	
621-64-7	N-Nitroso-Di-n-propylamine	170	U	
87-86-5	Pentachlorophenol	330	U	
85-01-8	Phenanthrene	170	U	
108-95-2	Phenol	170	U	
129-00-0	Pyrene	170	U	
95-95-4	2,4,5-Trichlorophenol	170	U	

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK33

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1800702

Sample wt/vol: 30.12 (g/mL) G Lab File ID: X24762.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		170	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK33

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1800702Sample wt/vol: 30.12 (g/mL) G Lab File ID: X24762.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 0

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

SBLK03

Lab Name: TestAmerica Laboratories Inc. Contract: _____
 Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID: W24839.RR Lab Sample ID: A8B1807903
 Instrument ID: HP5973W Date Extracted: 07/01/2008
 Matrix: (soil/water) SOIL Date Analyzed: 07/02/2008
 Level: (low/med) LOW Time Analyzed: 18:19

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
1	SB-050/0-1 (ROC)	A8769101	W24840.RR	07/02/2008
2	SB-050/6-8	A8769102	W24841.RR	07/02/2008
3	SB-052/0-1 (ROC)	A8769103	W24842.RR	07/02/2008
4	SB-052/6-8 (ROC)	A8769104	W24843.RR	07/02/2008
5	SMSB03	A8B1807901	W24837.RR	07/02/2008
6	SMSBD03	A8B1807902	W24838.RR	07/02/2008

Comments: _____

LABELIA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK03

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOILLab Sample ID: A8B1807903Sample wt/vol: 30.47 (g/mL) GLab File ID: W24839.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) NDate Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL)Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL)Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

83-32-9-----	Acenaphthene	170	U	
208-96-8-----	Acenaphthylene	170	U	
98-86-2-----	Acetophenone	170	U	
120-12-7-----	Anthracene	170	U	
1912-24-9-----	Atrazine	170	U	
100-52-7-----	Benzaldehyde	170	U	
56-55-3-----	Benzo (a) anthracene	170	U	
205-99-2-----	Benzo (b) fluoranthene	170	U	
207-08-9-----	Benzo (k) fluoranthene	170	U	
191-24-2-----	Benzo (ghi) perylene	170	U	
50-32-8-----	Benzo (a) pyrene	170	U	
92-52-4-----	Biphenyl	170	U	
111-91-1-----	Bis (2-chloroethoxy) methane	170	U	
111-44-4-----	Bis (2-chloroethyl) ether	170	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	170	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	170	U	
101-55-3-----	4-Bromophenyl phenyl ether	170	U	
85-68-7-----	Butyl benzyl phthalate	170	U	
105-60-2-----	Caprolactam	170	U	
106-47-8-----	4-Chloroaniline	170	U	
59-50-7-----	4-Chloro-3-methylphenol	170	U	
91-58-7-----	2-Chloronaphthalene	170	U	
95-57-8-----	2-Chlorophenol	170	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	170	U	
86-74-8-----	Carbazole	170	U	
218-01-9-----	Chrysene	14	J	
53-70-3-----	Dibenzo (a,h) anthracene	170	U	
132-64-9-----	Dibenzofuran	170	U	
84-74-2-----	Di-n-butyl phthalate	170	U	
91-94-1-----	3,3'-Dichlorobenzidine	170	U	
120-83-2-----	2,4-Dichlorophenol	170	U	
84-66-2-----	Diethyl phthalate	170	U	

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK03

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807903Sample wt/vol: 30.47 (g/mL) G Lab File ID: W24839.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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105-67-9-----	2,4-Dimethylphenol	170	U
131-11-3-----	Dimethyl phthalate	170	U
534-52-1-----	4,6-Dinitro-2-methylphenol	320	U
51-28-5-----	2,4-Dinitrophenol	320	U
121-14-2-----	2,4-Dinitrotoluene	170	U
606-20-2-----	2,6-Dinitrotoluene	170	U
117-84-0-----	Di-n-octyl phthalate	170	U
206-44-0-----	Fluoranthene	170	U
86-73-7-----	Fluorene	170	U
118-74-1-----	Hexachlorobenzene	170	U
87-68-3-----	Hexachlorobutadiene	170	U
77-47-4-----	Hexachlorocyclopentadiene	170	U
67-72-1-----	Hexachloroethane	170	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	170	U
78-59-1-----	Isophorone	170	U
91-57-6-----	2-Methylnaphthalene	170	U
95-48-7-----	2-Methylphenol	170	U
106-44-5-----	4-Methylphenol	170	U
91-20-3-----	Naphthalene	170	U
88-74-4-----	2-Nitroaniline	320	U
99-09-2-----	3-Nitroaniline	320	U
100-01-6-----	4-Nitroaniline	320	U
98-95-3-----	Nitrobenzene	170	U
88-75-5-----	2-Nitrophenol	170	U
100-02-7-----	4-Nitrophenol	320	U
86-30-6-----	N-nitrosodiphenylamine	170	U
621-64-7-----	N-Nitroso-Di-n-propylamine	170	U
87-86-5-----	Pentachlorophenol	320	U
85-01-8-----	Phenanthrene	170	U
108-95-2-----	Phenol	170	U
129-00-0-----	Pyrene	170	U
95-95-4-----	2,4,5-Trichlorophenol	170	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK03

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1807903

Sample wt/vol: 30.47 (g/mL) G Lab File ID: W24839.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/01/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		170	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK03

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807903Sample wt/vol: 30.47 (g/mL) G Lab File ID: W24839.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.92	6800	J

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

SBLK109

Lab Name: TestAmerica Laboratories Inc. Contract: _____
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID: W24902.RR Lab Sample ID: A8B1833902
 Instrument ID: HP5973W Date Extracted: 07/07/2008
 Matrix: (soil/water) SOIL Date Analyzed: 07/08/2008
 Level: (low/med) LOW Time Analyzed: 16:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
1	SB-002/6-8	A8798803	W24913.RR	07/08/2008
2	SB-018/4-6	A8798804	W24992.RR	07/11/2008
3	SB-070/6-7.5	A8798805	W24993.RR	07/11/2008
4	SB-070/6-7.5	A8798805MS	W24994.RR	07/11/2008
5	SB-070/6-7.5	A8798805SD	W24995.RR	07/11/2008
6	SB-51/0-1 (ROC)	A8798801	W24911.RR	07/08/2008
7	SB-53/0-1 (ROC)	A8798802	W24991.RR	07/11/2008
8	SMSB109	A8B1833901	W24901.RR	07/08/2008

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833902Sample wt/vol: 30.35 (g/mL) G Lab File ID: W24902.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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83-32-9-----	Acenaphthene	170	U	
208-96-8-----	Acenaphthylene	170	U	
98-86-2-----	Acetophenone	170	U	
120-12-7-----	Anthracene	170	U	
1912-24-9-----	Atrazine	170	U	
100-52-7-----	Benzaldehyde	170	U	
56-55-3-----	Benzo (a) anthracene	170	U	
205-99-2-----	Benzo (b) fluoranthene	170	U	
207-08-9-----	Benzo (k) fluoranthene	170	U	
191-24-2-----	Benzo (ghi) perylene	170	U	
50-32-8-----	Benzo (a) pyrene	170	U	
92-52-4-----	Biphenyl	170	U	
111-91-1-----	Bis (2-chloroethoxy) methane	170	U	
111-44-4-----	Bis (2-chloroethyl) ether	170	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	170	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	170	U	
101-55-3-----	4-Bromophenyl phenyl ether	170	U	
85-68-7-----	Butyl benzyl phthalate	170	U	
105-60-2-----	Caprolactam	170	U	
106-47-8-----	4-Chloroaniline	170	U	
59-50-7-----	4-Chloro-3-methylphenol	170	U	
91-58-7-----	2-Chloronaphthalene	170	U	
95-57-8-----	2-Chlorophenol	170	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	170	U	
86-74-8-----	Carbazole	170	U	
218-01-9-----	Chrysene	14	J	
53-70-3-----	Dibenzo (a, h) anthracene	170	U	
132-64-9-----	Dibenzofuran	170	U	
84-74-2-----	Di-n-butyl phthalate	170	U	
91-94-1-----	3,3'-Dichlorobenzidine	170	U	
120-83-2-----	2,4-Dichlorophenol	170	U	
84-66-2-----	Diethyl phthalate	170	U	

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833902Sample wt/vol: 30.35 (g/mL) G Lab File ID: W24902.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

105-67-9	2,4-Dimethylphenol	170	U
131-11-3	Dimethyl phthalate	170	U
534-52-1	4,6-Dinitro-2-methylphenol	330	U
51-28-5	2,4-Dinitrophenol	330	U
121-14-2	2,4-Dinitrotoluene	170	U
606-20-2	2,6-Dinitrotoluene	170	U
117-84-0	Di-n-octyl phthalate	170	U
206-44-0	Fluoranthene	170	U
86-73-7	Fluorene	170	U
118-74-1	Hexachlorobenzene	170	U
87-68-3	Hexachlorobutadiene	170	U
77-47-4	Hexachlorocyclopentadiene	170	U
67-72-1	Hexachloroethane	170	U
193-39-5	Indeno(1,2,3-cd)pyrene	170	U
78-59-1	Isophorone	170	U
91-57-6	2-Methylnaphthalene	170	U
95-48-7	2-Methylphenol	170	U
106-44-5	4-Methylphenol	170	U
91-20-3	Naphthalene	170	U
88-74-4	2-Nitroaniline	330	U
99-09-2	3-Nitroaniline	330	U
100-01-6	4-Nitroaniline	330	U
98-95-3	Nitrobenzene	170	U
88-75-5	2-Nitrophenol	170	U
100-02-7	4-Nitrophenol	330	U
86-30-6	N-nitrosodiphenylamine	170	U
621-64-7	N-Nitroso-Di-n-propylamine	170	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	170	U
108-95-2	Phenol	170	U
129-00-0	Pyrene	170	U
95-95-4	2,4,5-Trichlorophenol	170	U

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SBLK109

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833902

Sample wt/vol: 30.35 (g/mL) G Lab File ID: W24902.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		170	U

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 LABELIA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK109

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOILLab Sample ID: A8B1833902Sample wt/vol: 30.35 (g/mL) GLab File ID: W24902.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) NDate Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL)Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL)Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.89	890	J

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

SBLK109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: X25516.RR Lab Sample ID: A8798812

Instrument ID: HP5973X Date Extracted: 07/07/2008

Matrix: (soil/water) SOIL Date Analyzed: 08/05/2008

Level: (low/med) LOW Time Analyzed: 05:19

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
1	SB-018/4-6	A8798804RI	X25518.RR	08/05/2008
2	SB-070/6-7.5	A8798805AF	X25521.RR	08/05/2008
3	SB-070/6-7.5	A8798805AH	X25520.RR	08/05/2008
4	SB-070/6-7.5	A8798805RI	X25519.RR	08/05/2008
5	SB-53/0-1 (ROC)	A8798802RI	X25517.RR	08/05/2008
6	SMSB109 RI	A8798811	X25515.RR	08/05/2008

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798812Sample wt/vol: 30.35 (g/mL) G Lab File ID: X25516.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene	170	U	
208-96-8-----	Acenaphthylene	170	U	
98-86-2-----	Acetophenone	170	U	
120-12-7-----	Anthracene	170	U	
1912-24-9-----	Atrazine	170	U	
100-52-7-----	Benzaldehyde	170	U	
56-55-3-----	Benzo (a) anthracene	170	U	
205-99-2-----	Benzo (b) fluoranthene	170	U	
207-08-9-----	Benzo (k) fluoranthene	170	U	
191-24-2-----	Benzo (ghi) perylene	170	U	
50-32-8-----	Benzo (a) pyrene	170	U	
92-52-4-----	Biphenyl	170	U	
111-91-1-----	Bis (2-chloroethoxy) methane	170	U	
111-44-4-----	Bis (2-chloroethyl) ether	170	U	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	170	U	
117-81-7-----	Bis (2-ethylhexyl) phthalate	170	U	
101-55-3-----	4-Bromophenyl phenyl ether	170	U	
85-68-7-----	Butyl benzyl phthalate	170	U	
105-60-2-----	Caprolactam	170	U	
106-47-8-----	4-Chloroaniline	170	U	
59-50-7-----	4-Chloro-3-methylphenol	170	U	
91-58-7-----	2-Chloronaphthalene	170	U	
95-57-8-----	2-Chlorophenol	170	U	
7005-72-3-----	4-Chlorophenyl phenyl ether	170	U	
86-74-8-----	Carbazole	170	U	
218-01-9-----	Chrysene	21	J	
53-70-3-----	Dibenzo (a, h) anthracene	170	U	
132-64-9-----	Dibenzofuran	170	U	
84-74-2-----	Di-n-butyl phthalate	170	U	
91-94-1-----	3,3'-Dichlorobenzidine	170	U	
120-83-2-----	2,4-Dichlorophenol	170	U	
84-66-2-----	Diethyl phthalate	170	U	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798812Sample wt/vol: 30.35 (g/mL) G Lab File ID: X25516.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

105-67-9-----	2,4-Dimethylphenol	170	U	
131-11-3-----	Dimethyl phthalate	170	U	
534-52-1-----	4,6-Dinitro-2-methylphenol	330	U	
51-28-5-----	2,4-Dinitrophenol	330	U	
121-14-2-----	2,4-Dinitrotoluene	170	U	
606-20-2-----	2,6-Dinitrotoluene	170	U	
117-84-0-----	Di-n-octyl phthalate	170	U	
206-44-0-----	Fluoranthene	170	U	
86-73-7-----	Fluorene	170	U	
118-74-1-----	Hexachlorobenzene	170	U	
87-68-3-----	Hexachlorobutadiene	170	U	
77-47-4-----	Hexachlorocyclopentadiene	170	U	
67-72-1-----	Hexachloroethane	170	U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	170	U	
78-59-1-----	Isophorone	170	U	
91-57-6-----	2-Methylnaphthalene	11	J	
95-48-7-----	2-Methylphenol	170	U	
106-44-5-----	4-Methylphenol	170	U	
91-20-3-----	Naphthalene	170	U	
88-74-4-----	2-Nitroaniline	330	U	
99-09-2-----	3-Nitroaniline	330	U	
100-01-6-----	4-Nitroaniline	330	U	
98-95-3-----	Nitrobenzene	170	U	
88-75-5-----	2-Nitrophenol	170	U	
100-02-7-----	4-Nitrophenol	330	U	
86-30-6-----	N-nitrosodiphenylamine	170	U	
621-64-7-----	N-Nitroso-Di-n-propylamine	170	U	
87-86-5-----	Pentachlorophenol	330	U	
85-01-8-----	Phenanthrene	170	U	
108-95-2-----	Phenol	170	U	
129-00-0-----	Pyrene	170	U	
95-95-4-----	2,4,5-Trichlorophenol	170	U	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798812

Sample wt/vol: 30.35 (g/mL) G Lab File ID: X25516.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		170	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK109 RI

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798812

Sample wt/vol: 30.35 (g/mL) G Lab File ID: X25516.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1804603 Lab File ID: 5B10148.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): N Date Extracted: 07/01/2008

Date Analyzed (1): 07/02/2008 Date Analyzed (2): _____

Time Analyzed (1): 14:12 Time Analyzed (2): _____

Instrument ID (1): HP6890-5 Instrument ID (2): _____

GC Column (1): RTX-CLPII Dia: 0.53(mm) GC Column (2): _____ Dia: _____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
1	Matrix Spike Blank	A8B1804601	07/02/2008	
2	Matrix Spike Blk Dup	A8B1804602	07/02/2008	
3	SB-036/7.5-8(ROC)	A8759501	07/03/2008	

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1804603

Sample wt/vol: 30.64 (g/mL) G Lab File ID: 5B10148.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	1.6	U
319-84-6-----	alpha-BHC	1.6	U
319-85-7-----	beta-BHC	1.6	U
58-89-9-----	gamma-BHC (Lindane)	1.6	U
319-86-8-----	delta-BHC	1.6	U
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	1.6	U
72-55-9-----	4,4'-DDE	1.6	U
50-29-3-----	4,4'-DDT	1.6	U
60-57-1-----	Dieldrin	1.6	U
959-98-8-----	Endosulfan I	1.6	U
33213-65-9----	Endosulfan II	1.6	U
1031-07-8-----	Endosulfan Sulfate	1.6	U
72-20-8-----	Endrin	1.6	U
7421-93-4-----	Endrin aldehyde	1.6	U
76-44-8-----	Heptachlor	1.6	U
1024-57-3-----	Heptachlor epoxide	1.6	U
72-43-5-----	Methoxychlor	1.6	U
8001-35-2-----	Toxaphene	16	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Lab Sample ID: A8B1807803 Lab File ID: 5B10145.TX0Matrix: (soil/water) SOIL Extraction: SONCSulfur Cleanup: (Y/N): N Date Extracted: 07/01/2008Date Analyzed (1): 07/02/2008 Date Analyzed (2): _____Time Analyzed (1): 12:23 Time Analyzed (2): _____Instrument ID (1): HP6890-5 Instrument ID (2): _____GC Column (1): RTX-CLPII Dia: 0.53 (mm) GC Column (2): _____ Dia: _____ (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
1	Matrix Spike Blank	A8B1807801	07/02/2008	
2	Matrix Spike Blk Dup	A8B1807802	07/02/2008	
3	SB-050/0-1 (ROC)	A8769101	07/03/2008	
4	SB-050/6-8	A8769102	07/03/2008	

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1807803

Sample wt/vol: 30.30 (g/mL) G Lab File ID: 5B10145.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	1.6	U
319-84-6-----	alpha-BHC	1.6	U
319-85-7-----	beta-BHC	1.6	U
58-89-9-----	gamma-BHC (Lindane)	1.6	U
319-86-8-----	delta-BHC	1.6	U
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	1.6	U
72-55-9-----	4,4'-DDE	1.6	U
50-29-3-----	4,4'-DDT	1.6	U
60-57-1-----	Dieldrin	1.6	U
959-98-8-----	Endosulfan I	1.6	U
33213-65-9---	Endosulfan II	1.6	U
1031-07-8----	Endosulfan Sulfate	1.6	U
72-20-8-----	Endrin	1.6	U
7421-93-4----	Endrin aldehyde	1.6	U
76-44-8-----	Heptachlor	1.6	U
1024-57-3----	Heptachlor epoxide	1.6	U
72-43-5-----	Methoxychlor	1.6	U
8001-35-2----	Toxaphene	16	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1833802 Lab File ID: 6B15038.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): N Date Extracted: 07/07/2008

Date Analyzed (1): 07/10/2008 Date Analyzed (2): _____

Time Analyzed (1): 17:19 Time Analyzed (2): _____

Instrument ID (1): HP6890-6 Instrument ID (2): _____

GC Column (1): RTX-CLPII Dia: 0.53(mm) GC Column (2): _____ Dia: _____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
1	Matrix Spike Blank	A8B1833801	07/10/2008	
2	SB-002/6-8	A8798803	07/11/2008	
3	SB-018/4-6	A8798804	07/16/2008	
4	SB-070/6-7.5	A8798805	07/12/2008	
5	SB-51/0-1(ROC)	A8798801	07/11/2008	
6	SB-53/0-1(ROC)	A8798802	07/11/2008	

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833802

Sample wt/vol: 30.83 (g/mL) G Lab File ID: 6B15038.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/10/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	0.55	J
319-84-6-----	alpha-BHC	0.54	J
319-85-7-----	beta-BHC	1.6	U
58-89-9-----	gamma-BHC (Lindane)	1.6	U
319-86-8-----	delta-BHC	1.6	U
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	1.6	U
72-55-9-----	4,4'-DDE	0.78	J
50-29-3-----	4,4'-DDT	1.6	U
60-57-1-----	Dieldrin	1.6	U
959-98-8-----	Endosulfan I	0.36	J
33213-65-9---	Endosulfan II	1.6	U
1031-07-8----	Endosulfan Sulfate	1.6	U
72-20-8-----	Endrin	1.6	U
7421-93-4----	Endrin aldehyde	1.6	U
76-44-8-----	Heptachlor	1.6	U
1024-57-3----	Heptachlor epoxide	1.6	U
72-43-5-----	Methoxychlor	1.6	U
8001-35-2-----	Toxaphene	16	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1864702 Lab File ID: 6B15096.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): N Date Extracted: 07/11/2008

Date Analyzed (1): 07/16/2008 Date Analyzed (2): _____

Time Analyzed (1): 12:49 Time Analyzed (2): _____

Instrument ID (1): HP6890-6 Instrument ID (2): _____

GC Column (1): RTX-CLPII Dia: 0.53(mm) GC Column (2): _____ Dia: _____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
1	Matrix Spike Blank	A8B1864701	07/16/2008	
2	SB-002/6-8	A8798803RE	07/16/2008	
3	SB-018/4-6	A8798804RE	07/16/2008	
4	SB-070/6-7.5	A8798805RE	07/16/2008	
5	SB-51/0-1 (ROC)	A8798801RE	07/16/2008	
6	SB-53/0-1 (ROC)	A8798802RE	07/16/2008	

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1864702

Sample wt/vol: 30.39 (g/mL) G Lab File ID: 6B15096.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg) <u>UG/KG</u>	
309-00-2-----	Aldrin	1.6	U
319-84-6-----	alpha-BHC	1.6	U
319-85-7-----	beta-BHC	1.6	U
58-89-9-----	gamma-BHC (Lindane)	1.6	U
319-86-8-----	delta-BHC	1.6	U
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	1.6	U
72-55-9-----	4,4'-DDE	1.6	U
50-29-3-----	4,4'-DDT	1.6	U
60-57-1-----	Dieldrin	1.6	U
959-98-8-----	Endosulfan I	1.6	U
33213-65-9----	Endosulfan II	1.6	U
1031-07-8-----	Endosulfan Sulfate	1.6	U
72-20-8-----	Endrin	1.6	U
7421-93-4-----	Endrin aldehyde	1.6	U
76-44-8-----	Heptachlor	1.6	U
1024-57-3-----	Heptachlor epoxide	1.6	U
72-43-5-----	Methoxychlor	1.6	U
8001-35-2-----	Toxaphene	16	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1804603 Lab File ID: 7B63116.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): Y Date Extracted: 07/01/2008

Date Analyzed (1): 07/03/2008 Date Analyzed (2): _____

Time Analyzed (1): 11:08 Time Analyzed (2): _____

Instrument ID (1): HP6890-7 Instrument ID (2): _____

GC Column (1): ZB-35 Dia: 0.53(mm) GC Column (2): _____ Dia: _____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A8B1804601	07/03/2008	
2	Matrix Spike Blk Dup	A8B1804602	07/03/2008	
3	SB-036/7.5-8 (ROC)	A8759501	07/03/2008	

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1804603

Sample wt/vol: 30.64 (g/mL) G Lab File ID: 7B63116.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	16	U
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	16	U
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	16	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Lab Sample ID: A8B1807803 Lab File ID: 7B63105.TX0Matrix: (soil/water) SOIL Extraction: SONCSulfur Cleanup: (Y/N): N Date Extracted: 07/01/2008Date Analyzed (1): 07/02/2008 Date Analyzed (2): _____Time Analyzed (1): 12:25 Time Analyzed (2): _____Instrument ID (1): HP6890-7 Instrument ID (2): _____GC Column (1): ZB-35 Dia: 0.53 (mm) GC Column (2): _____ Dia: _____ (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A8B1807801	07/02/2008	
2	Matrix Spike Blk Dup	A8B1807802	07/02/2008	
3	SB-050/0-1 (ROC)	A8769101	07/02/2008	
4	SB-050/6-8	A8769102	07/02/2008	

 Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807803Sample wt/vol: 30.30 (g/mL) G Lab File ID: 7B63105.TX0% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	16	U
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	16	U
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	16	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____
 Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab Sample ID: A8B1833802 Lab File ID: 12A36017.TX0
 Matrix: (soil/water) SOIL Extraction: SONC
 Sulfur Cleanup: (Y/N): Y Date Extracted: 07/07/2008
 Date Analyzed (1): 07/08/2008 Date Analyzed (2): _____
 Time Analyzed (1): 11:11 Time Analyzed (2): _____
 Instrument ID (1): HP5890-12 Instrument ID (2): _____
 GC Column (1): ZB-5 Dia: 0.53(mm) GC Column (2): _____ Dia: _____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
1	Matrix Spike Blank	A8B1833801	07/08/2008	
2	SB-002/6-8	A8798803	07/08/2008	
3	SB-018/4-6	A8798804	07/08/2008	
4	SB-070/6-7.5	A8798805	07/08/2008	
5	SB-51/0-1 (ROC)	A8798801	07/08/2008	
6	SB-53/0-1 (ROC)	A8798802	07/08/2008	

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833802Sample wt/vol: 30.83 (g/mL) G Lab File ID: 12A36017.TX0% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	16	U
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	3.9	J
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	16	U

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Antimony	20.000	U	20.000	20.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Arsenic	10.000	U	10.000	10.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Beryllium	2.000	U	2.000	2.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Cadmium	1.000	U	1.000	1.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Chromium	4.000	U	4.000	4.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Copper	10.000	U	10.000	10.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Lead	5.000	U	5.000	5.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Nickel	10.000	U	10.000	10.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Selenium	15.000	U	15.000	15.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Silver	3.000	U	3.000	3.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Thallium	20.000	U	20.000	20.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Zinc	10.000	U	10.000	10.000	P	7/8/2008	10:18	SUPERTRACE	107080W
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Arsenic	10.000	U	10.000	10.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Beryllium	2.000	U	2.000	2.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Cadmium	1.000	U	1.000	1.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Chromium	4.000	U	4.000	4.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Copper	10.000	U	10.000	10.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Lead	5.000	U	5.000	5.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Nickel	10.000	U	10.000	10.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Selenium	15.000	U	15.000	15.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Silver	3.000	U	3.000	3.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Thallium	20.000	U	20.000	20.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Zinc	10.000	U	10.000	10.000	P	7/8/2008	10:51	SUPERTRACE	107080W

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates

SDG No.: 7595

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Arsenic	10.000	U	10.000	10.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Beryllium	2.000	U	2.000	2.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Cadmium	1.000	U	1.000	1.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Chromium	4.000	U	4.000	4.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Copper	10.000	U	10.000	10.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Lead	5.000	U	5.000	5.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Nickel	10.000	U	10.000	10.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Selenium	15.000	U	15.000	15.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Silver	3.000	U	3.000	3.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Thallium	20.000	U	20.000	20.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Zinc	10.000	U	10.000	10.000	P	7/8/2008	12:00	SUPERTRACE	107080W
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Arsenic	10.000	U	10.000	10.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Beryllium	2.000	U	2.000	2.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Cadmium	1.000	U	1.000	1.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Chromium	4.000	U	4.000	4.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Copper	10.000	U	10.000	10.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Lead	5.000	U	5.000	5.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Nickel	10.000	U	10.000	10.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Selenium	15.000	U	15.000	15.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Silver	3.000	U	3.000	3.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Thallium	20.000	U	20.000	20.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Zinc	10.000	U	10.000	10.000	P	7/8/2008	13:24	SUPERTRACE	107080W

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Arsenic	10.000	U	10.000	10.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Beryllium	2.000	U	2.000	2.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Cadmium	1.000	U	1.000	1.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Chromium	4.000	U	4.000	4.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Copper	10.000	U	10.000	10.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Lead	5.000	U	5.000	5.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Nickel	10.000	U	10.000	10.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Selenium	15.000	U	15.000	15.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Silver	3.000	U	3.000	3.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Thallium	20.000	U	20.000	20.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Zinc	10.000	U	10.000	10.000	P	7/8/2008	14:37	SUPERTRACE	107080W
ICB										
	Antimony	20.000	U	20.000	20.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/16/2008	21:00	SUPERTRACE	1071608

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates

SDG No.: 7595

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/16/2008	21:31	SUPERTRACE	1071608
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/16/2008	22:41	SUPERTRACE	1071608

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates

SDG No.: 7595

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/16/2008	23:50	SUPERTRACE	1071608
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/17/2008	01:02	SUPERTRACE	1071608

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/17/2008	02:11	SUPERTRACE	1071608
ICB										
	Antimony	20.000	U	20.000	20.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Arsenic	10.000	U	10.000	10.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Beryllium	2.000	U	2.000	2.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Chromium	4.000	U	4.000	4.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Copper	10.000	U	10.000	10.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Lead	5.000	U	5.000	5.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Nickel	10.000	U	10.000	10.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Selenium	15.000	U	15.000	15.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Silver	3.000	U	3.000	3.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Thallium	20.000	U	20.000	20.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Zinc	10.000	U	10.000	10.000	P	7/17/2008	04:11	SUPERTRACE	1071608II

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates

SDG No.: 7595

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Arsenic	10.000	U	10.000	10.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Beryllium	2.000	U	2.000	2.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Chromium	4.000	U	4.000	4.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Copper	10.000	U	10.000	10.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Lead	5.000	U	5.000	5.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Nickel	10.000	U	10.000	10.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Selenium	15.000	U	15.000	15.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Silver	3.000	U	3.000	3.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Thallium	20.000	U	20.000	20.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Zinc	10.000	U	10.000	10.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Arsenic	10.000	U	10.000	10.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Beryllium	2.000	U	2.000	2.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Chromium	4.000	U	4.000	4.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Copper	10.000	U	10.000	10.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Lead	5.000	U	5.000	5.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Nickel	10.000	U	10.000	10.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Selenium	15.000	U	15.000	15.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Silver	3.000	U	3.000	3.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Thallium	20.000	U	20.000	20.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Zinc	10.000	U	10.000	10.000	P	7/17/2008	05:53	SUPERTRACE	1071608II

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates

SDG No.: 7595

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
ICB										
	Antimony	20.000	U	20.000	20.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Arsenic	10.000	U	10.000	10.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Beryllium	2.000	U	2.000	2.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Cadmium	1.000	U	1.000	1.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Chromium	4.000	U	4.000	4.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Copper	10.000	U	10.000	10.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Lead	5.000	U	5.000	5.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Nickel	10.000	U	10.000	10.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Selenium	15.000	U	15.000	15.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Silver	3.000	U	3.000	3.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Thallium	20.000	U	20.000	20.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Zinc	10.000	U	10.000	10.000	P	7/2/2008	10:34	SUPERTRACE2	A070208

LaBella Associates

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates

SDG No.: 7595

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Arsenic	10.000	U	10.000	10.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Beryllium	2.000	U	2.000	2.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Cadmium	1.000	U	1.000	1.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Chromium	4.000	U	4.000	4.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Copper	10.000	U	10.000	10.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Lead	5.000	U	5.000	5.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Nickel	10.000	U	10.000	10.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Selenium	15.000	U	15.000	15.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Silver	3.000	U	3.000	3.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Thallium	20.000	U	20.000	20.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Zinc	10.000	U	10.000	10.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Arsenic	10.000	U	10.000	10.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Beryllium	2.000	U	2.000	2.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Cadmium	1.000	U	1.000	1.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Chromium	4.000	U	4.000	4.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Copper	10.000	U	10.000	10.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Lead	5.000	U	5.000	5.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Nickel	10.000	U	10.000	10.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Selenium	15.000	U	15.000	15.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Silver	3.000	U	3.000	3.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Thallium	20.000	U	20.000	20.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Zinc	10.000	U	10.000	10.000	P	7/2/2008	12:14	SUPERTRACE2	A070208

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Arsenic	10.000	U	10.000	10.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Beryllium	2.000	U	2.000	2.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Cadmium	1.000	U	1.000	1.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Chromium	4.000	U	4.000	4.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Copper	10.000	U	10.000	10.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Lead	5.000	U	5.000	5.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Nickel	10.000	U	10.000	10.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Selenium	15.000	U	15.000	15.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Silver	3.000	U	3.000	3.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Thallium	20.000	U	20.000	20.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Zinc	10.000	U	10.000	10.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
ICB										
	Cadmium	1.000	U	1.000	1.000	P	7/17/2008	11:02	SUPERTRACE2	A07170x
CCB										
	Cadmium	1.000	U	1.000	1.000	P	7/17/2008	11:30	SUPERTRACE2	A07170x
CCB										
	Cadmium	1.000	U	1.000	1.000	P	7/17/2008	12:42	SUPERTRACE2	A07170x
ICB										
	Mercury	0.120	U	0.120	0.120	CV	7/2/2008	13:48	LEEMAN PS20	G07028S1
CCB										
	Mercury	0.120	U	0.120	0.120	CV	7/2/2008	13:52	LEEMAN PS20	G07028S1
CCB										
	Mercury	0.120	U	0.120	0.120	CV	7/2/2008	14:10	LEEMAN PS20	G07028S1

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB	Mercury	0.120	U	0.120	0.120	CV	7/2/2008	14:23	LEEMAN PS20	G07028S1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/2/2008	14:36	LEEMAN PS20	G07028S1
ICB	Mercury	0.120	U	0.120	0.120	CV	7/8/2008	13:22	LEEMAN PS20	G07088S1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/8/2008	13:28	LEEMAN PS20	G07088S1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/8/2008	13:44	LEEMAN PS20	G07088S1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/8/2008	14:02	LEEMAN PS20	G07088S1
ICB	Mercury	0.120	U	0.120	0.120	CV	7/16/2008	17:19	LEEMAN PS20	G07168W1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/16/2008	17:23	LEEMAN PS20	G07168W1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/16/2008	17:43	LEEMAN PS20	G07168W1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/16/2008	18:00	LEEMAN PS20	G07168W1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/16/2008	18:19	LEEMAN PS20	G07168W1

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates

SDG No.: 7595

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	10:25	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	10:29	LEEMAN PS20	H06308S1
CCB	Mercury	-0.137		0.120	0.120	CV	6/30/2008	10:45	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	11:01	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	11:20	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	11:38	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	11:56	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	12:07	LEEMAN PS20	H06308S1

LaBella Associates

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PREPARATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result (mg/Kg)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD837248-07/02/08		SOIL									
	Mercury	0.017	U		0.017	0.017	CV	7/2/2008	14:19	LEEMAN PS20	G07028S1
AD836343-06/30/08		SOIL									
	Mercury	0.017	U		0.017	0.017	CV	6/30/2008	11:59	LEEMAN PS20	H06308S1
AD837077-07/01/08		SOIL									
	Antimony	15.000	U		15.000	15.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Arsenic	2.000	U		2.000	2.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Beryllium	0.200	U		0.200	0.200	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Cadmium	0.200	U		0.200	0.200	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Chromium	0.500	U		0.500	0.500	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Copper	1.000	U		1.000	1.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Lead	1.000	U		1.000	1.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Nickel	0.500	U		0.500	0.500	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Selenium	4.000	U		4.000	4.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Silver	0.500	U		0.500	0.500	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Thallium	6.000	U		6.000	6.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Zinc	2.000	U		2.000	2.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
AD836695-06/27/08		SOIL									
	Antimony	15.000	U		15.000	15.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Arsenic	2.000	U		2.000	2.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Beryllium	0.200	U		0.200	0.200	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Cadmium	0.200	U		0.200	0.200	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Chromium	0.500	U		0.500	0.500	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Copper	1.000	U		1.000	1.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Lead	1.000	U		1.000	1.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Nickel	0.500	U		0.500	0.500	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Selenium	4.000	U		4.000	4.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Silver	0.500	U		0.500	0.500	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Thallium	6.000	U		6.000	6.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Zinc	2.000	U		2.000	2.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x

LaBella Associates

- 3b -

PREPARATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD839791-07/16/08		WATER									
	Mercury	-0.270			0.200	0.200	CV	7/16/2008	18:13	LEEMAN PS20	G07168W1
AD837794-07/08/08		SOIL									
	Antimony	15.000	U		15.000	15.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Arsenic	2.000	U		2.000	2.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Beryllium	0.200	U		0.200	0.200	P	7/8/2008	12:37	SUPERTRACE	107080W
	Cadmium	0.200	U		0.200	0.200	P	7/8/2008	12:37	SUPERTRACE	107080W
	Chromium	0.500	U		0.500	0.500	P	7/8/2008	12:37	SUPERTRACE	107080W
	Copper	1.000	U		1.000	1.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Lead	1.000	U		1.000	1.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Nickel	0.500	U		0.500	0.500	P	7/8/2008	12:37	SUPERTRACE	107080W
	Selenium	4.000	U		4.000	4.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Silver	0.500	U		0.500	0.500	P	7/8/2008	12:37	SUPERTRACE	107080W
	Thallium	6.000	U		6.000	6.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Zinc	2.000	U		2.000	2.000	P	7/8/2008	12:37	SUPERTRACE	107080W
AD837917-07/08/08		SOIL									
	Mercury	0.017	U		0.017	0.017	CV	7/8/2008	13:58	LEEMAN PS20	G07088S1
AD839644-07/16/08		WATER									
	Antimony	20.000	U		20.000	20.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Arsenic	10.000	U		10.000	10.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Beryllium	2.000	U		2.000	2.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Cadmium	1.000	U		1.000	1.000	P	7/17/2008	11:59	SUPERTRACE2	A07170x
	Chromium	4.000	U		4.000	4.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Copper	10.000	U		10.000	10.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Lead	5.000	U		5.000	5.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Nickel	10.000	U		10.000	10.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Selenium	15.000	U		15.000	15.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Silver	3.000	U		3.000	3.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Thallium	20.000	U		20.000	20.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Zinc	10.000	U		10.000	10.000	P	7/17/2008	04:47	SUPERTRACE	1071608II

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001596
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): F2983.RR Date Analyzed: 06/27/2008
 Instrument ID: HP5973F Time Analyzed: 20:24
 GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		632574	6.99	574784	9.44	1307252	4.38
UPPER LIMIT		1265148	7.49	1149568	9.94	2614504	4.88
LOWER LIMIT		316287	6.49	287392	8.94	653626	3.88
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 MSB39	A8B1804401	664854	6.99	583880	9.44	1374565	4.38
2 SB-036/7.5-8(ROC)	A8759501	621751	6.99	533226	9.44	1312052	4.38
3 VBLK39	A8B1804402	623597	6.99	560671	9.44	1297263	4.38

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001609
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): F3029.RR Date Analyzed: 07/01/2008
 Instrument ID: HP5973F Time Analyzed: 08:32
 GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		627774	6.99	554779	9.44	1301198	4.38
UPPER LIMIT		1255548	7.49	1109558	9.94	2602396	4.88
LOWER LIMIT		313887	6.49	277390	8.94	650599	3.88
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 MSB42	A8B1811001	595703	6.99	513835	9.44	1275642	4.38
2 SB-050/0-1(ROC)	A8769101	579056	6.99	494502	9.44	1220128	4.38
3 SB-050/6-8	A8769102	597238	6.99	509260	9.44	1250806	4.38
4 SB-052/0-1(ROC)	A8769103	586500	6.99	516011	9.44	1235391	4.38
5 VBLK42	A8B1811002	588292	6.99	511841	9.44	1230723	4.38

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001609
 Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): F3029.RR Date Analyzed: 07/01/2008
 Instrument ID: HP5973F Time Analyzed: 08:32
 GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)		
		AREA	#	AREA	#	AREA	#	
=====		=====	=====	=====	=====	=====	=====	
12 HOUR STD		627774	6.99	554779	9.44	1301198	4.38	
UPPER LIMIT		1255548	7.49	1109558	9.94	2602396	4.88	
LOWER LIMIT		313887	6.49	277390	8.94	650599	3.88	
=====		=====	=====	=====	=====	=====	=====	
CLIENT SAMPLE		Lab Sample ID						
=====		=====	=====	=====	=====	=====	=====	
1	MSB42	A8B1811003	595703	6.99	513835	9.44	1275642	4.38
2	TRIP BLANK	A8769105	609062	6.99	532963	9.44	1262185	4.38
3	VBLK42	A8B1811004	588292	6.99	511841	9.44	1230723	4.38

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001652
 Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): F3062.RR Date Analyzed: 07/03/2008
 Instrument ID: HP5973F Time Analyzed: 20:57
 GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		615598	6.99	543495	9.44	1248925	4.37
UPPER LIMIT		1231196	7.49	1086990	9.94	2497850	4.87
LOWER LIMIT		307799	6.49	271748	8.94	624463	3.87
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID	AREA	#	AREA	#	AREA	#
1 MSB44	A8B1833001	623692	6.99	558919	9.44	1312266	4.38
2 SB-002/6-8	A8798803	542917	6.99	458053	9.44	1119302	4.38
3 SB-018/4-6	A8798804	542302	6.99	472521	9.44	1113115	4.38
4 SB-070/6-7.5	A8798805	571973	6.99	494677	9.44	1136391	4.38
5 SB-070/6-7.5	A8798805MS	568911	6.99	476818	9.44	1160205	4.37
6 SB-070/6-7.5	A8798805SD	571622	6.99	489011	9.44	1161361	4.38
7 SB-51/0-1(ROC)	A8798801	561727	6.99	467182	9.44	1147373	4.37
8 SB-53/0-1(ROC)	A8798802	546045	6.99	448226	9.44	1124486	4.37
9 VBLK44	A8B1833002	600310	6.99	524814	9.44	1234532	4.38

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001652
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): F3062.RR Date Analyzed: 07/03/2008
 Instrument ID: HP5973F Time Analyzed: 20:57
 GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	RT	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		615598		6.99		543495	9.44
UPPER LIMIT		1231196		7.49		1086990	9.94
LOWER LIMIT		307799		6.49		271748	8.94
=====		=====		=====		=====	
CLIENT SAMPLE		Lab Sample ID					
=====		=====		=====		=====	
1	MSB44	A8B1833003	623692	6.99		558919	9.44
2	TRIP BLANK	A8798806	541246	6.99		476214	9.44
3	VBLK44	A8B1833004	600310	6.99		524814	9.44

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001651
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): P9166.RR Date Analyzed: 07/03/2008
 Instrument ID: HP5973P Time Analyzed: 22:17
 GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		627488	13.54	327702	16.91	686084	9.66
UPPER LIMIT		1254976	14.04	655404	17.41	1372168	10.16
LOWER LIMIT		313744	13.04	163851	16.41	343042	9.16
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 MSB 070108	A8769110	596979	13.54	312766	16.91	673047	9.65
2 VBLK 070108	A8769111	601944	13.54	314811	16.91	675777	9.66

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001675
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): P9219.RR Date Analyzed: 07/07/2008
 Instrument ID: HP5973P Time Analyzed: 21:59
 GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		585655	13.54	308601	16.91	643803	9.66
UPPER LIMIT		1171310	14.04	617202	17.41	1287606	10.16
LOWER LIMIT		292828	13.04	154301	16.41	321902	9.16
CLIENT SAMPLE	Lab Sample ID						
1 SB-052/6-8(ROC)	A8769104	516877	13.54	291962	16.91	542163	9.66

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001615

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24815.RR Date Analyzed: 07/02/2008

Instrument ID: HP5973W Time Analyzed: 09:24

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		178027	9.80	313029	14.00	68142	5.94
UPPER LIMIT		356054	10.30	626058	14.50	136284	6.44
LOWER LIMIT		89014	9.30	156515	13.50	34071	5.44
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====	=====	=====	=====	=====	=====
1 SB-050/0-1(ROC)	A8769101	94203	9.80	174319	14.00	41738	5.93
2 SB-050/6-8	A8769102	95656	9.80	193659	14.00	42063	5.93
3 SB-052/0-1(ROC)	A8769103	97432	9.80	182502	14.00	42637	5.93
4 SB-052/6-8(ROC)	A8769104	103664	9.80	228598	14.00	44022	5.93
5 SBLK03	A8B1807903	94398	9.80	173559	14.00	43674	5.93
6 SMSB03	A8B1807901	109547	9.80	191337	14.00	45413	5.93
7 SMSBD03	A8B1807902	112437	9.80	192932	14.00	47788	5.93

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (ANT) = Acenaphthene-D10 (50-200) -0.50 / +0.50 min
 IS2 (CRY) = Chrysene-D12 (50-200) -0.50 / +0.50 min
 IS3 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001615

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24815.RR Date Analyzed: 07/02/2008

Instrument ID: HP5973W Time Analyzed: 09:24

		IS4 (NPT)		IS5(PHN)		IS6 (PRY)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		292418		277073		262460	
UPPER LIMIT		584836	7.57	554146	11.52	524920	15.23
LOWER LIMIT		146209	8.07	138537	12.02	131230	15.73
			7.07		11.02		14.73
CLIENT SAMPLE	Lab Sample ID	AREA	RT #	AREA	RT #	AREA	RT #
1 SB-050/0-1(ROC)	A8769101	177533	7.57	173704	11.52	177113	15.23
2 SB-050/6-8	A8769102	178278	7.57	178715	11.52	189921	15.23
3 SB-052/0-1(ROC)	A8769103	180848	7.57	180155	11.52	187762	15.23
4 SB-052/6-8(ROC)	A8769104	198976	7.57	222165	11.52	216703	15.23
5 SBLK03	A8B1807903	175303	7.57	172706	11.52	165495	15.23
6 SMSB03	A8B1807901	193866	7.57	193192	11.52	185106	15.23
7 SMSBD03	A8B1807902	201380	7.57	197594	11.52	187595	15.23

AREA UNIT RT
 QC LIMITS QC LIMITS

IS4 (NPT) = Naphthalene-D8
 IS5 (PHN) = Phenanthrene-D10
 IS6 (PRY) = Perylene-D12

(50-200) -0.50 / +0.50 min
 (50-200) -0.50 / +0.50 min
 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001672

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24888.RR Date Analyzed: 07/08/2008

Instrument ID: HP5973W Time Analyzed: 11:23

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		111270	9.78	222126	13.98	46198	5.91
UPPER LIMIT		222540	10.28	444252	14.48	92396	6.41
LOWER LIMIT		55635	9.28	111063	13.48	23099	5.41
CLIENT SAMPLE	Lab Sample ID	AREA	RT #	AREA	RT #	AREA	RT #
1 SB-002/6-8	A8798803	125614	9.78	264839	13.98	53977	5.92
2 SB-51/0-1(ROC)	A8798801	139025	9.78	290912	13.98	59274	5.92
3 SBLK109	A881833902	107278	9.78	196340	13.98	48478	5.92
4 SMSB109	A881833901	142062	9.78	279609	13.98	57419	5.92

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (ANT) = Acenaphthene-D10 (50-200) -0.50 / +0.50 min
 IS2 (CRY) = Chrysene-D12 (50-200) -0.50 / +0.50 min
 IS3 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001672

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24888.RR Date Analyzed: 07/08/2008

Instrument ID: HP5973W Time Analyzed: 11:23

		IS4 (NPT)		IS5(PHN)		IS6 (PRY)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		200826	7.55	191224	11.50	185897	15.21
UPPER LIMIT		401652	8.05	382448	12.00	371794	15.71
LOWER LIMIT		100413	7.05	95612	11.00	92949	14.71
CLIENT SAMPLE	Lab Sample ID						
1 SB-002/6-8	A8798803	227873	7.56	218741	11.50	329034	15.21
2 SB-51/0-1(ROC)	A8798801	251950	7.56	242021	11.50	360610	15.21
3 SBLK109	A8B1833902	201180	7.56	191762	11.50	173524	15.21
4 SMSB109	A8B1833901	247497	7.56	242898	11.50	244858	15.21

AREA UNIT RT
 QC LIMITS QC LIMITS

IS4 (NPT) = Naphthalene-D8 (50-200) -0.50 / +0.50 min
 IS5 (PHN) = Phenanthrene-D10 (50-200) -0.50 / +0.50 min
 IS6 (PRY) = Perylene-D12 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC Limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001738

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24976.RR Date Analyzed: 07/11/2008

Instrument ID: HP5973W Time Analyzed: 11:28

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		106548	9.72	214640	13.94	45000	5.84
UPPER LIMIT		213096	10.22	429280	14.44	90000	6.34
LOWER LIMIT		53274	9.22	107320	13.44	22500	5.34
CLIENT SAMPLE	Lab Sample ID	AREA	RT	AREA	RT	AREA	RT
1 SB-018/4-6	A8798804	150092	9.73	340665	13.94	64664	5.84
2 SB-070/6-7.5	A8798805	105210	9.73	230032	13.94	43601	5.85
3 SB-070/6-7.5	A8798805MS	136258	9.73	311725	13.94	55152	5.84
4 SB-070/6-7.5	A8798805SD	196228	9.73	431430	13.95	76920	5.84
5 SB-53/0-1(ROC)	A8798802	140636	9.73	320027	13.94	58603	5.84

*80% OF
INT STD
min
8/17/2008*

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (ANT) = Acenaphthene-D10 (50-200) -0.50 / +0.50 min
 IS2 (CRY) = Chrysene-D12 (50-200) -0.50 / +0.50 min
 IS3 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001738

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24976.RR Date Analyzed: 07/11/2008

Instrument ID: HP5973W Time Analyzed: 11:28

		IS4 (NPT)		IS5 (PHN)		IS6 (PRY)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		191856	7.49	183640	11.46	190515	15.16
UPPER LIMIT		383712	7.99	367280	11.96	381030	15.66
LOWER LIMIT		95928	6.99	91820	10.96	95258	14.66
CLIENT SAMPLE	Lab Sample ID	AREA	RT #	AREA	RT #	AREA	RT #
1 SB-018/4-6	A8798804	264611	7.49	271331	11.46	380964	15.16
2 SB-070/6-7.5	A8798805	181341	7.49	190391	11.46	250800	15.16
3 SB-070/6-7.5	A8798805MS	236395	7.49	245861	11.46	334010	15.16
4 SB-070/6-7.5	A8798805SD	336700	7.49	347976	11.46	464835	15.16
5 SB-53/0-1(ROC)	A8798802	246473	7.49	260946	11.46	363040	15.16

80% of
INT STD

MT
8/7/2008

AREA UNIT RT
 QC LIMITS QC LIMITS

IS4 (NPT) = Naphthalene-D8 (50-200) -0.50 / +0.50 min
 IS5 (PHN) = Phenanthrene-D10 (50-200) -0.50 / +0.50 min
 IS6 (PRY) = Perylene-D12 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001623

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): X24755.RR Date Analyzed: 07/01/2008

Instrument ID: HP5973X Time Analyzed: 09:05

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		447466	9.34	717306	13.38	200869	5.72
UPPER LIMIT		894932	9.84	1434612	13.88	401738	6.22
LOWER LIMIT		223733	8.84	358653	12.88	100435	5.22
CLIENT SAMPLE	Lab Sample ID	AREA	#	AREA	#	AREA	#
1 SB-036/7.5-8(ROC)	A8759501	344280	9.33	971393	13.38	146867	5.71
2 SBLK33	A8B1800702	280916	9.33	541531	13.37	162771	5.71
3 SMSB33	A8B1800701	338394	9.33	628821	13.38	159362	5.71

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (ANT) = Acenaphthene-D10 (50-200) -0.50 / +0.50 min
 IS2 (CRY) = Chrysene-D12 (50-200) -0.50 / +0.50 min
 IS3 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001623

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): X24755.RR Date Analyzed: 07/01/2008

Instrument ID: HP5973X Time Analyzed: 09:05

		IS4 (NPT)		IS5(PHN)		IS6 (PRY)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		767906		763811		759186	
UPPER LIMIT		1535812	7.26	1527622	10.97	1518372	14.57
LOWER LIMIT		383953	7.76	381906	11.47	379593	15.07
=====		=====	=====	=====	=====	=====	=====
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====	=====	=====	=====	=====	=====
1 SB-036/7.5-8(ROC)	A8759501	608387	7.25	649734	10.97	882219	14.56
2 SBLK33	A8B1800702	595523	7.25	504395	10.96	579334	14.56
3 SMSB33	A8B1800701	628432	7.26	616886	10.97	753583	14.57

AREA UNIT RT
 QC LIMITS QC LIMITS

IS4 (NPT) = Naphthalene-D8 (50-200) -0.50 / +0.50 min
 IS5 (PHN) = Phenanthrene-D10 (50-200) -0.50 / +0.50 min
 IS6 (PRY) = Perylene-D12 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001933

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): X25497.RR Date Analyzed: 08/04/2008

Instrument ID: HP5973X Time Analyzed: 22:05

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		769749		1409160		391470	
UPPER LIMIT		1539498	9.32	2818320	13.39	782940	5.73
LOWER LIMIT		384875	9.82	704580	13.89	195735	6.23
			8.82		12.89		5.23
CLIENT SAMPLE	Lab Sample ID	AREA	#	AREA	#	AREA	#
1 SB-018/4-6	A8798804RI	109616	* 9.32	1542905	13.38	612	* 5.73
2 SB-070/6-7.5	A8798805AF	541158	9.33	1293850	13.39		* 0.00 *
3 SB-070/6-7.5	A8798805AH	543524	9.33	1339218	13.39		* 0.00 *
4 SB-070/6-7.5	A8798805RI	348926	* 9.32	1433548	13.38	12332	* 5.73
5 SB-53/0-1(ROC)	A8798802RI	639105	9.32	1355440	13.38	293502	5.73
6 SBLK109 RI	A8798812	590199	9.32	1385701	13.38	7133	* 5.73
7 SMSB109 RI	A8798811	699364	9.33	1243353	13.39	38210	* 5.73

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (ANT) = Acenaphthene-D10 (50-200) -0.50 / +0.50 min
 IS2 (CRY) = Chrysene-D12 (50-200) -0.50 / +0.50 min
 IS3 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001933

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): X25497.RR Date Analyzed: 08/04/2008

Instrument ID: HP5973X Time Analyzed: 22:05

		IS4 (NPT)		IS5 (PHN)		IS6 (PRY)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		1477610		1418261		1794921	
UPPER LIMIT		2955220		2836522		3589842	
LOWER LIMIT		738805		709131		897461	
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 SB-018/4-6	A8798804RI	13905	*	1171523		1863151	
2 SB-070/6-7.5	A8798805AF	18276	*	1311706		1844915	
3 SB-070/6-7.5	A8798805AH	44011	*	1248611		1843663	
4 SB-070/6-7.5	A8798805RI	155030	*	1142286		1679985	
5 SB-53/0-1(ROC)	A8798802RI	1165140		1160090		1677562	
6 SBLK109 RI	A8798812	124888	*	1212742		1727215	
7 SMSB109 RI	A8798811	1007274		1264961		1778454	

AREA UNIT RT
 QC LIMITS QC LIMITS

IS4 (NPT) = Naphthalene-D8
 IS5 (PHN) = Phenanthrene-D10
 IS6 (PRY) = Perylene-D12

(50-200) -0.50 / +0.50 min
 (50-200) -0.50 / +0.50 min
 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

SDG#: 7595

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
			<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A8798803	SB-002/6-8	SOIL	07/01/2008	09:05	07/03/2008	16:40
A8798804	SB-018/4-6	SOIL	06/26/2008	11:10	07/03/2008	16:40
A8759501	SB-036/7.5-8 (ROC)	SOIL	06/23/2008	11:50	06/26/2008	14:15
A8769101	SB-050/0-1 (ROC)	SOIL	06/25/2008	11:20	06/27/2008	16:35
A8769102	SB-050/6-8	SOIL	06/25/2008	15:05	06/27/2008	16:35
A8769103	SB-052/0-1 (ROC)	SOIL	06/26/2008	10:15	06/27/2008	16:35
A8769104	SB-052/6-8 (ROC)	SOIL	06/26/2008	13:58	06/27/2008	16:35
A8798805	SB-070/6-7.5	SOIL	06/27/2008	12:30	07/03/2008	16:40
A8798805MS	SB-070/6-7.5	SOIL	06/27/2008	12:30	07/03/2008	16:40
A8798805SD	SB-070/6-7.5	SOIL	06/27/2008	12:30	07/03/2008	16:40
A8798801	SB-51/0-1 (ROC)	SOIL	07/01/2008	16:45	07/03/2008	16:40
A8798802	SB-53/0-1 (ROC)	SOIL	06/26/2008	11:50	07/03/2008	16:40
A8769105	TRIP BLANK	WATER	06/26/2008	09:30	06/27/2008	16:35
A8798806	TRIP BLANK	WATER	07/01/2008	16:50	07/03/2008	16:40

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

METHODS SUMMARY

Job#: A08-7595, A08-7691, A08-7988Project#: NY2A8951.6SDG#: 7595Site Name: LaBella Associates

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
METHOD 8081 - TCL PESTICIDES	SW8463 8081
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Copper - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Thallium - Total	SW8463 6010
Zinc - Total	SW8463 6010

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

The results presented in this report relate only to the analytical testing and conditions of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

SDG NARRATIVE

Job#: A08-7595, A08-7691, A08-7988Project#: NY2A8951.6SDG#: 7595Site Name: LaBella AssociatesGeneral Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-7595

Sample Cooler(s) were received at the following temperature(s); 2.0 °C
Limited volume. Please use sparingly.

A08-7691

Sample Cooler(s) were received at the following temperature(s); 2.0 °C
For sample 02, Please run analysis in the following order: Voas, Metals, PCB's, Semi's, and if volume remains Pests.

A08-7988

Sample Cooler(s) were received at the following temperature(s); 2.0 °C
For sample 04 please run voas, metals, Semi's, PCB's, and Pests last if volume remains.

GC/MS Volatile Data

The analytes Acetone and Methylene Chloride were detected in the water Method Blank VBLK44 (A8B1833004) at a level above the project established reporting limit. However, all aqueous, field generated, Quality Control samples were associated with soil samples. Therefore, all aqueous samples were analyzed as soils and evaluated using soil Quality Control Limits.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

The analyte Methylene Chloride was detected in the soil Method Blank VBLK44 (A8B1833002) at a level above the project established reporting limit. The associated samples had levels of Methylene Chloride at a similar concentration to that of the Method Blank value. All sample detections for this analyte may potentially be due to laboratory contamination and should be evaluated accordingly. All associated sample detections were qualified with a "B".

The spike recovery of the analyte 1,1-Dichloroethene in the water Matrix Spike Blank MSB42 (A8B1811003) exceeded quality control limits. However, all aqueous, field generated, Quality Control samples were associated with soil samples. Therefore, all aqueous samples were analyzed as soils and evaluated using soil Quality Control Limits.

The spike recovery of the analyte Chlorobenzene in the Matrix Spike Duplicate of sample SB-070/6-7.5 exceeded quality control limits. The Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

Linear regression was used to calibrate all analytes that were greater than 15% RSD in the initial calibration standard curves A8I0000432-1 and A8I0000477-1.

For method 8260, all water samples were preserved to a pH less than 2.

The sample SB-052/6-8(ROC) was analyzed using medium level techniques due to sample matrix. This sample and associated quality control samples were extracted together in an extraction batch but were analyzed in different analytical batches. The Method Blank VBLK 070108 and the Matrix Spike Blank MSB 070108 were analyzed in an analytical batch on 07/04/2008 that was prior to the field sample analyzed on 07/08/2008.

As a result of low volume, the sample TRIP BLANK (A8769105) was analyzed from a vial containing headspace. The volatile organic results may be biased low and all positive detections and non-detections should be considered estimated.

The analytes Acetone, 2-Butanone and Methylene Chloride were detected in the TRIP BLANK (A8769105) at a level above the reporting limit. These analytes were not detected in any of the associated samples, with the exception of sample SB-050/6-8.

The analytes Acetone and Methylene Chloride were detected in the TRIP BLANK (A8798806) at a level above the project established reporting limit. These analytes were also detected in the associated Method Blank at a similar concentration. As a result these detects have been qualified with a "B" and should be evaluated accordingly.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

GC/MS Semivolatile Data

The surrogate recovery for 2,4,6-Tribromophenol was above the laboratory quality control limits for sample SB-53/0-1(ROC). The surrogate recoveries for 2,4,6-Tribromophenol and p-Terphenyl-d14 were above laboratory quality control limits for samples SB-018/4-6, SB-070/6-7.5, the Matrix Spike and the Matrix Spike Duplicate of sample SB-070/6-7.5. Based on the laboratory SOP, one surrogate in each fraction (base/neutral or acid fraction) may have a recovery outside of the control limit with no corrective action necessary.

Due to a laboratory oversight, 80 ngs of internal standard was inadvertently added to samples SB-53/0-1(ROC), SB-018/4-6, SB-070/6-7.5, the Matrix Spike and Matrix Spike Duplicate of sample SB-070/6-7.5.

The spike recoveries of several analytes in the Matrix Spike and in the Matrix Spike Duplicate of sample SB-070/6-7.5 exceeded quality control limits. The associated Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

Due to an oversight prior to analysis, the initial calibration curve A8I0000516-1 had only a 4 point calibration for 2,4-Dinitrophenol. This was not discovered until data review. The Methylene Chloride had evaporated from the sample vials and the associated QC. They were brought back up to the volume marker with Methylene Chloride and reanalyzed under a compliant curve for this analyte. Several of the reanalyzed samples (SB-018/4-6 RI, SB-070/6-7.5 RI, SB-070/6-7.5 MS RI, SB-070/6-7.5 MSD RI, and SBLK109 RI) had low recoveries for the first two internal standards (1,4-Dichlorobenzene-d4 and Naphthalene-d8) which would make all compounds, surrogates and spike recoveries associated with them biased high. The Matrix spiked Blank SMSB109 RI had low recoveries for the first internal standard (1,4-Dichlorobenzene-d4) which would bias all compounds, spikes and surrogates associated with this internal standard high. Samples SB-018/4-6 RI and SB-070/6-7.5 RI had low recoveries for the third internal standard (Acenaphthene-d10) which would bias all compounds, spikes and surrogates associated with this internal standard high. The reanalysis of sample SB-53/0-1(ROC) RI had low surrogate recoveries for all surrogates. Both sets of data have been reported in this data package.

Linear regression was used to calibrate all analytes, with the exception of Hexachlorocyclopentadiene, 2,4-Dinitrophenol and Pentachlorophenol, that were greater than 15% RSD in the initial calibration standard curve A8I0000516-1. A quadratic equation was used to calibrate the analytes Hexachlorocyclopentadiene, 2,4-Dinitrophenol and Pentachlorophenol that was greater than 15% RSD in the initial calibration standard curve A8I0000516-1.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

A quadratic equation was used to calibrate all analytes, with the exception of 2-Fluorophenol, 4,6-Dinitro-2-methylphenol, 2,4,6-Tribromophenol and Pentachlorophenol, that were greater than 15% RSD in the initial calibration standard curve A8I0000469-1. Linear regression was used to calibrate the analytes 2-Fluorophenol, 4,6-Dinitro-2-methylphenol, 2,4,6-Tribromophenol and Pentachlorophenol that was greater than 15% RSD in the initial calibration standard curve A8I0000469-1.

Linear regression was used to calibrate all analytes that were greater than 15% RSD in the initial calibration standard curves A8I0000469-2 and A8I0000536-1.

Linear regression was used to calibrate all analytes, with the exception of Benzo(k)fluoranthene, that were greater than 15% RSD in the initial calibration standard curves A8I0000399-1 and A8I0000548-1. A quadratic equation was used to calibrate the analyte Benzo(k)fluoranthene that was greater than 15% RSD in the initial calibration standard curves A8I0000399-1 and A8I0000548-1.

Sample SB-036/7.5-8(ROC), 8270 soil, had an adjusted final volume during extraction due to extract matrix and viscosity.

The chromatographic peaks for Benzo(b)fluoranthene and Benzo(k)fluoranthene could not be resolved for samples SB-002/6-8, SB-51/0-1(ROC) and SB-050/0-1(ROC) due to the sample matrix. The final value is reported as Benzo(b)fluoranthene in this data package but should be considered an and/or value for both compounds.

GC Extractable Data

For method 8081, samples SB-036/7.5-8(ROC), SB-51/0-1(ROC), and SB-51/0-1(ROC)RE required dilution prior to analysis due to the heavy matrix present. The surrogate and spike recoveries are diluted out of all sample extracts with a dilution factor of 10X or greater.

For method 8081, the recoveries of surrogate Decachlorobiphenyl in samples SB-53/0-1(ROC) and SB-53/0-1(ROC)RE were outside of established quality control limits due to the sample matrix. The recovery of surrogate Tetrachloro-m-xylene is within quality control limits; no corrective action is required.

For methods 8081 and 8082, the response of the instrument is decreased due to the heavy matrix effects from the field samples, resulting in >15% difference in the continuing calibration verifications analyzed after these sample extracts. Subsequent continuing calibration verifications demonstrated compliance with routine quality control criteria, verifying the temporary nature of this effect.

For method 8082, all sample extracts and associated quality control required treatment with Copper prior to analysis due to the presence of elemental Sulfur.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

For method 8081, samples were re-extracted outside of holding time due to Method Blank contamination and low spike/surrogate recoveries in the Matrix Spike Blank A8B1833801. Both sets of data has been reported and the re-extracted samples are identified with an "RE" suffix on the laboratory ID.

Metals Data

The recovery of sample SB-002/6-8 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Antimony. Sample matrix is suspect. However, the LFB was acceptable.

The Serial Dilution of sample SB-002/6-8 exceeded the quality control limits for Copper, Lead and Zinc. However, the Post Spike was compliant for these elements. Therefore, no corrective action was necessary.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."



Jason R. Kacalski
Project Manager

8/7

Date

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Chain of Custody Documentation

Chain of Custody Record

umherst, NY 14228
hone 716.504.9852 fax 716.691.7991

TestAmerica Laboratories, Inc.

Project Manager: Dennis Porter Tel/Fax: 585-295-6245 / 770-2545		Site Contact: Lab Contact: j. Kacalski		Date: _____
Analysis Turnaround Time Calendar (C) or Work Days (W) _____ TAT if different from Below: Standard _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Job No. <u>208216.01</u>		COC No. _____ of _____ COCs
Sample Date	Sample Time	Sample Type	Matrix	# of Cont.
6/23/08	1150	Comp	SOIL	1
Filtered Sample VOC + TICS SVOC + TICS PCBs Pesticides				
Sample Specific Notes:				

Reservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other
 Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant
 Poison B Unknown Return To Client Disposal By Lab Archive For _____ Months

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Special Instructions/QC Requirements & Comments:

Relinquished by: <i>Michael F. Rybacki</i>	Received by: <i>[Signature]</i>	Company: Lo-Bella Associates	Company: B&B F&P L O	Date/Time: 6/23/08/1230	Date/Time: 06-25-08 14:10
Relinquished by:	Received by:	Company:	Company:	Date/Time:	Date/Time:
Relinquished by:	Received by:	Company:	Company:	Date/Time:	Date/Time:

280/4151

2.000

MFR

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact		Project Manager: Dennis Porter Tel/Fax: 585-295-6245 / 770-2545		Site Contact: M. Pelychaty		Date:	
aBella Associates, P.C. 300 State Street, Suite 201 Rochester, NY 14614 585-451-6110 585-454-3066		Analysis Turnaround Time Calendar (C) or Work Days (W) TAT if different from Below ___ Standard <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Lab Contact: J. Kacalski		Carrier: TA Pick Up	
Project Name: Former Vacuum Oil Refinery		Sample Date		Sample Time		Sample Type	
Site:		6/25/2008		1120		Comp	
PO #		6/25/2008		1505		Comp	
		6/26/2008		1015		Comp	
		6/26/2008		1358		Comp	
		6/26/2008		0930		NA	
Sample Identification		Matrix		# of Cont.		TCL VOCs	
SB-050 / 0'-1' (ROC)		Soil		2		X	
SB-050 / 6'-8'		Soil		1		X	
SB-052 / 0'-1' (ROC)		Soil		1		X	
SB-052 / 6'-8' (ROC)		Soil		1		X	
TRIP BLANK		Water		2		X	
						Pesticides	
						PCBs	
						PPL Metals	
						TCL SVOCs	
						TCL VOCs	
						*Analyze for pesticides if enough sample volume available	
						Sample Specific Notes:	

Preservation Used: 1 = Ice, 2 = HCl; 3 = H2SO4; 4 = HNO3; 5 = NaOH; 6 = Other
 Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Archive For _____ Months
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab

Relinquished by: <i>Michael Flanagan</i>	Company: LaBella Associates PC.	Date/Time: 6/27/08 10:50	Received by: <i>Michelle Myle</i>	Company: Buffalo	Date/Time: 06-27-08 16:35
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by: <i>(Signature)</i>	Company:	Date/Time:

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact		Project Manager: Dennis Porter		Site Contact: M. Pelychaty		Date:	
LaBella Associates, P.C.		Tel/Fax: 585-295-6245 / 770-2545		Lab Contact: J. Kacalski		Carrier: TA Pick Up	
300 State Street, Suite 201		Analysis Turnaround Time		Pesticides		COC No. _____ of _____ COCs	
Rochester, NY 14614		Calendar (C) or Work Days (W) _____		PCBs		Job No. 208216.02	
585-451-6110		TAT if different from Below _____ Standard _____		PPL Metals		SDG No. _____	
585-454-3066		<input type="checkbox"/> 2 weeks		TCL VOCs + TICs		Sample Specific Notes:	
Project Name: Former Vacuum Oil Refinery		<input type="checkbox"/> 1 week		TCL SVOCs + TICs			
Site:		<input type="checkbox"/> 2 days		TCL VOCs + TICs			
PO #		<input type="checkbox"/> 1 day		Filtered Sample			
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.		
SB-051 / 0-1' (ROC)	7/1/2008	1645	Comp	Soil	2	X	X
SB-053 / 0-1' (ROC)	6/26/2008	1150	Comp	Soil	2	X	X
SB-002 / 6'-8'	7/1/2008	0905	Comp	Soil	2	X	X
SB-018 / 4'-6'	6/26/2008	1110	Comp	Comp	1	X	X
SB-070 / 6'-7.5'	6/27/2008	1230	Comp	Comp	2	X	X
SB-070 / 6'-7.5' MS/MSD	6/27/2008	1230	Comp	Comp		X	X
Trip Blank	7/1/2008	1650	NA	Water	2	X	X
* Complete pesticides if enough soil volume							

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other _____

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:

2-0-10

Relinquished by: <i>Michael F. Pelychaty</i>	Company: LeBella Associates, P.C.	Date/Time: 7/3/08 1205	Received by: <i>[Signature]</i>	Company: BUFFALO	Date/Time: 8-7-03-08 16:40
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

SAMPLE LOGIN **JOB #** 7595

Shipment ID _____ Strict Internal COC: YES/NO YES NO
Residual Chlorine Check:
Radiation Check <0.02 mR/hr: YES / NO

AC _____ Project / Task NY2AF951.6 1 J
TAT 15 BD/ _____ CD # OF SAMPLES 1 TRIP BLANK Y/N # _____

SHIPPED BY Courier	ATTACH SHIPPING TAGS
RECEIVED DATE / TIME:	6, 26, 02 14:15

COOLER TEMP 2.2 °C (<6 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES _____ (PM Name)

SUBCONTRACT YES/NO LAB _____ SM # _____

COMMENTS: SAMPLE TIME ACTUAL +1HR +2 HR +3 HR NONE

Sample received outside hold time _____

Headspace in VOA vials _____

Problems with bottle labels _____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

PRESERVATION CHECKED YES _____ NO NA _____ Initials

ARE SAMPLE DATES AND TIMES CORRECT? Initials

WERE ALL THE APPROPRIATE TESTS ASSIGNED? Initials

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

SAMPLE LOGIN **JOB #** 7891

Shipment ID _____ Strict Internal COC: YES/NO YES
Residual Chlorine Check:
Radiation Check <0.02 mR/hr: YES / NO

AC _____ Project / Task NY2A8951.6 1 8
TAT 15 BD/ _____ CD # OF SAMPLES 4 TRIP BLANK Y / N # 2

SHIPPED BY <u>M</u> <u>F COURIER</u>	ATTACH SHIPPING TAGS
RECEIVED DATE / TIME:	<u>6, 27, 10 16:35</u>

COOLER TEMP 2.0 °C (<6 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES _____ (PM Name)

SUBCONTRACT YES/NO YES LAB _____ SM # _____

COMMENTS: SAMPLE TIME ACTUAL +1HR +2 HR +3 HR NONE

Sample received outside hold time _____

Headspace in VOA vials _____

Problems with bottle labels _____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

PRESERVATION CHECKED YES _____ NO X NA _____ Initials M

ARE SAMPLE DATES AND TIMES CORRECT? Initials M

WERE ALL THE APPROPRIATE TESTS ASSIGNED? Initials M

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

SAMPLE LOGIN

JOB # 7980

Shipment ID _____

Strict Internal COC: YES/NO

Residual Chlorine Check:

Radiation Check <0.02 mR/hr: YES / NO

AC F6052 Project / Task 1

TAT 15 BD/ _____ CD # OF SAMPLES 6 TRIP BLANK # 1

SHIPPED BY <u>COURIER</u>	ATTACH SHIPPING TAGS
RECEIVED DATE / TIME:	<u>7, 3, 10 / 16:40</u>

COOLER TEMP 2.0 °C (<6 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES _____ (PM Name)

SUBCONTRACT YES/NO LAB _____ SM # _____

COMMENTS: SAMPLE TIME ~~ACTUAL~~ +1HR +2 HR _____ +3 HR _____ NONE _____

Sample received outside hold time _____

Headspace in VOA vials _____

Problems with bottle labels _____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

PRESERVATION CHECKED YES _____ NO NA _____ Initials [initials]

ARE SAMPLE DATES AND TIMES CORRECT? Initials [initials]

WERE ALL THE APPROPRIATE TESTS ASSIGNED? Initials [initials]

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

Job No: A08-7595 Client: LaBella Associates Project: NY2A8951.6 SDG: Case: SMO No: No. Samps: 1		Radiation Check: YES Custody Seal: NO Chain of Custody: YES Sample Tags: NO Sample Tag Numbers: NO SMO Forms: NO CLSIS: NO		Cooler Temperature: 2.0°C				
Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log
06/23/2008 11:50	06/26/2008 14:15	SB-036/7.5-8(ROC)	A8759501	Good	1-4ozGW	VOAS;METALS;ORG	RECNY	Code PH
								0100

Sample Custodian: *[Signature]* Analytical Services Coordinator: / 20

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
 Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled
 Third, Fourth Digits - Preservation Types:
 00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
 05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
 09=MCAA (Mono chloroacetic acid)

TestAmerica Laboratories Inc.
Sample Inventory

Date: 06/27/2008
Time: 22:49:15

Job No: A08-7691 Client: LaBella Associates Project: NY2A8951.6 SDG: Case: SMO No: No. Samps: 4		Radiation Check: YES Custody Seal: NO Chain of Custody: YES Sample Tags: NO Sample Tag Numbers: NO SMO Forms: NO CLISIS: NO					Cooler Temperature: 2.0°C		
Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log	
								Code	PH
06/25/2008 11:20	06/27/2008 16:35	SB-050/0-1(ROC)	A8769101	Good	1-4ozGW 1-4ozGW	SVOC;METS;PEST;PCB VOAS	RECNY	0100	
06/25/2008 15:05	06/27/2008 16:35	SB-050/6-8	A8769102	Good	1-4ozGW	VOA;SVOA;PEST;PCBS;METS	RECNY	0100	
06/26/2008 10:15	06/27/2008 16:35	SB-052/0-1(ROC)	A8769103	Good	1-4ozGW	VOAS;SVOAS	RECNY	0100	
06/26/2008 13:58	06/27/2008 16:35	SB-052/6-8(ROC)	A8769104	Good	1-4ozGW	VOAS;SVOAS	RECNY	0100	
06/26/2008 09:30	06/27/2008 16:35	TRIP BLANK	A8769105	Good	1-40mLV 1-1LGA	VOAS SVOAS	RECNY	0103	<2
							RECNY	0100	

Sample Custodian: MW 6/27/2008 Analytical Services Coordinator: / / 20

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
 Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled
 Third, Fourth Digits - Preservation Types:
 00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
 05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
 09=MCAA (Mono chloroacetic acid)

8260 Volatiles

QC Summary

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	BFB %REC #	DCE %REC #	TOL %REC #						TOT OUT
1	MSB39	A8B1804401	100	98	105						0
2	MSB42	A8B1811001	98	90	110						0
3	MSB44	A8B1833001	99	98	107						0
4	SB-002/6-8	A8798803	98	98	105						0
5	SB-018/4-6	A8798804	95	96	104						0
6	SB-036/7.5-8(ROC)	A8759501	99	97	108						0
7	SB-050/0-1(ROC)	A8769101	98	103	107						0
8	SB-050/6-8	A8769102	100	97	106						0
9	SB-052/0-1(ROC)	A8769103	99	97	106						0
10	SB-070/6-7.5	A8798805	95	101	101						0
11	SB-070/6-7.5	A8798805MS	94	87	104						0
12	SB-070/6-7.5	A8798805SD	94	87	104						0
13	SB-51/0-1(ROC)	A8798801	95	100	103						0
14	SB-53/0-1(ROC)	A8798802	95	102	105						0
15	VBLK39	A8B1804402	104	97	108						0
16	VBLK42	A8B1811002	99	90	107						0
17	VBLK44	A8B1833002	98	94	105						0

QC LIMITS

BFB = p-Bromofluorobenzene (72-126)
 DCE = 1,2-Dichloroethane-D4 (61-136)
 TOL = Toluene-D8 (71-125)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Level (low/med): MED

	Client Sample ID	Lab Sample ID	BFB %REC #	DCE %REC #	TOL %REC #						TOT OUT
1	MSB 070108	A8769110	91	96	98						0
2	SB-052/6-8(ROC)	A8769104	86	102	98						0
3	VBLK 070108	A8769111	94	100	101						0

QC LIMITS

BFB = p-Bromofluorobenzene (10-190)
 DCE = 1,2-Dichloroethane-D4 (10-190)
 TOL = Toluene-D8 (10-190)

- # Column to be used to flag recovery values
- * Values outside of contract required QC limits
- D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

	Client Sample ID	Lab Sample ID	BFB %REC #	DCE %REC #	TOL %REC #						TOT OUT
1	MSB42	A8B1811003	98	90	110						0
2	MSB44	A8B1833003	99	98	107						0
3	TRIP BLANK	A8769105	102	97	108						0
4	TRIP BLANK	A8798806	100	96	108						0
5	VBLK42	A8B1811004	99	90	107						0
6	VBLK44	A8B1833004	98	94	105						0

QC LIMITS

BFB = p-Bromofluorobenzene (73-120)
 DCE = 1,2-Dichloroethane-D4 (66-137)
 TOL = Toluene-D8 (71-126)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1804402

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: VBLK39 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	49.4	99	65 - 146
Trichloroethene	50.0	50.8	102	74 - 127
Benzene	50.0	50.4	101	74 - 128
Toluene	50.0	49.1	98	74 - 123
Chlorobenzene	50.0	48.8	98	76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1811002

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: VBLK42 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene_____	50.0	72.2	144	65 - 146
Trichloroethene_____	50.0	58.6	117	74 - 127
Benzene_____	50.0	56.7	114	74 - 128
Toluene_____	50.0	57.8	116	74 - 123
Chlorobenzene_____	50.0	55.7	112	76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1811004

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: VBLK42

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene_____	50.0	72.2	144 *	65 - 142
Trichloroethene_____	50.0	58.6	117	71 - 120
Benzene_____	50.0	56.7	114	67 - 126
Toluene_____	50.0	57.8	116	69 - 120
Chlorobenzene_____	50.0	55.7	112	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 1 out of 5 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1833002

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: VBLK44 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene_____	50.0	60.5	121	65 - 146
Trichloroethene_____	50.0	55.0	110	74 - 127
Benzene_____	50.0	55.3	111	74 - 128
Toluene_____	50.0	53.9	108	74 - 123
Chlorobenzene_____	50.0	54.0	108	76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1833004

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: VBLK44

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene_____	50.0	60.5	121	65 - 142
Trichloroethene_____	50.0	55.0	110	71 - 120
Benzene_____	50.0	55.3	111	67 - 126
Toluene_____	50.0	53.9	108	69 - 120
Chlorobenzene_____	50.0	54.0	108	73 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8769111

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: VLBK 070108 Level: (low/med) MED

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Benzene	3056	3425	112	10 - 190
Toluene	3056	3487	114	10 - 190
Chlorobenzene	3056	3472	114	10 - 190
Trichloroethene	3056	3293	108	10 - 190
1,1-Dichloroethene	3056	3343	109	10 - 190

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8798805

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SB-070/6-7.5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	60.4	0	63.4	105	65 - 146
Trichloroethene	60.4	0	50.1	83	74 - 127
Benzene	60.4	0	53.9	89	74 - 127
Toluene	60.4	0	49.1	81	74 - 123
Chlorobenzene	60.4	0	47.6	79	76 - 124

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS REC.
1,1-Dichloroethene	60.6	61.1	101	4	22 65 - 146
Trichloroethene	60.6	48.1	79	5	24 74 - 127
Benzene	60.6	50.7	84	6	25 74 - 127
Toluene	60.6	46.4	77	5	25 74 - 123
Chlorobenzene	60.6	45.0	74 *	6	25 76 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
 Spike recovery: 1 out of 10 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

VBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: F2984.RR Lab Sample ID: A8B1804402

Date Analyzed: 06/27/2008 Time Analyzed: 20:50

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB39	A8B1804401	F2985.RR	21:37
2	SB-036/7.5-8 (ROC)	A8759501	F2987.RR	22:42

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: F3033.RR Lab Sample ID: A8B1811002

Date Analyzed: 07/01/2008 Time Analyzed: 10:18

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB42	A8B1811001	F3031.RR	09:27
2	SB-050/0-1 (ROC)	A8769101	F3034.RR	10:49
3	SB-050/6-8	A8769102	F3035.RR	11:14
4	SB-052/0-1 (ROC)	A8769103	F3036.RR	11:40

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: F3033.RR Lab Sample ID: A8B1811004

Date Analyzed: 07/01/2008 Time Analyzed: 10:18

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB42	A8B1811003	F3031.RR	09:27
2	TRIP BLANK	A8769105	F3042.RR	17:59

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID: F3064.RR Lab Sample ID: A8B1833002
 Date Analyzed: 07/03/2008 Time Analyzed: 22:04
 GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y
 Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB44	A8B1833001	F3063.RR	21:38
2	SB-002/6-8	A8798803	F3078.RR	04:16
3	SB-018/4-6	A8798804	F3079.RR	04:41
4	SB-070/6-7.5	A8798805	F3080.RR	05:07
5	SB-070/6-7.5	A8798805MS	F3081.RR	05:32
6	SB-070/6-7.5	A8798805SD	F3082.RR	05:58
7	SB-51/0-1 (ROC)	A8798801	F3076.RR	03:25
8	SB-53/0-1 (ROC)	A8798802	F3077.RR	03:51

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: F3064.RR Lab Sample ID: A8B1833004

Date Analyzed: 07/03/2008 Time Analyzed: 22:04

GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N) Y

Instrument ID: HP5973F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB44	A8B1833003	F3063.RR	21:38
2	TRIP BLANK	A8798806	F3083.RR	06:24

Comments: _____

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
METHOD BLANK SUMMARY

Client No.

VBLK 070108

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
Lab File ID: P9171.RR Lab Sample ID: A8769111
Date Analyzed: 07/04/2008 Time Analyzed: 00:50
GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Instrument ID: HP5973P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	MSB 070108	A8769110	P9170.RR	00:22
2	SB-052/6-8 (ROC)	A8769104	P9239.RR	07:33

Comments: _____

LABELLA ASSOCIATES

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001831Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: F2929 BFB Injection Date: 06/25/2008Instrument ID: HP5973F BFB Injection Time: 00:20GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N): Y

m/e	ION Abundance Criteria	% Relative Abundance
50	15.0 - 40.0% of mass 95	17.8
75	30.0 - 60.0% of mass 95	41.8
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5) 1
174	50 - 120 % of mass 95	77.8
175	5.0 - 9.0% of mass 174	5.6 (7.2) 1
176	95.0 - 101.0% of mass 174	74.9 (96.3) 1
177	5.0 - 9.0% of mass 176	4.9 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD005	A8I0000477-1	F2931.RR	06/25/2008	02:39
2	VSTD020	A8I0000477-1	F2932.RR	06/25/2008	03:05
3	VSTD050	A8I0000477-1	F2933.RR	06/25/2008	03:30
4	VSTD100	A8I0000477-1	F2934.RR	06/25/2008	03:56
5	VSTD200	A8I0000477-1	F2935.RR	06/25/2008	04:21

LABELLA ASSOCIATES

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001895Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: F2980 BFB Injection Date: 06/27/2008Instrument ID: HP5973F BFB Injection Time: 19:06GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N): Y

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	18.2		
75	30.0 - 60.0% of mass 95	43.3		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.3		
173	Less than 2.0% of mass 174	0.6	(0.7)	1
174	50 - 120 % of mass 95	80.9		
175	5.0 - 9.0% of mass 174	6.1	(7.5)	1
176	95.0 - 101.0% of mass 174	78.6	(97.2)	1
177	5.0 - 9.0% of mass 176	5.4	(6.9)	2

1-Value is % mass 174

2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD050	A8C0001596-1	F2983.RR	06/27/2008	20:24
2	VBLK39	A8B1804402	F2984.RR	06/27/2008	20:50
3	MSB39	A8B1804401	F2985.RR	06/27/2008	21:37
4	SB-036/7.5-8 (ROC)	A8759501	F2987.RR	06/27/2008	22:42

LABELLA ASSOCIATES

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001911Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: F3028 BFB Injection Date: 07/01/2008Instrument ID: HP5973F BFB Injection Time: 08:07GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N): Y

m/e	ION Abundance Criteria	% Relative Abundance
50	15.0 - 40.0% of mass 95	17.5
75	30.0 - 60.0% of mass 95	44.1
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	0.2 (0.3) 1
174	50 - 120 % of mass 95	80.9
175	5.0 - 9.0% of mass 174	6.2 (7.7) 1
176	95.0 - 101.0% of mass 174	77.1 (95.3) 1
177	5.0 - 9.0% of mass 176	4.8 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD050	A8C0001609-1	F3029.RR	07/01/2008	08:32
2	MSB42	A8B1811001	F3031.RR	07/01/2008	09:27
3	MSB42	A8B1811003	F3031.RR	07/01/2008	09:27
4	VBLK42	A8B1811002	F3033.RR	07/01/2008	10:18
5	VBLK42	A8B1811004	F3033.RR	07/01/2008	10:18
6	SB-050/0-1 (ROC)	A8769101	F3034.RR	07/01/2008	10:49
7	SB-050/6-8	A8769102	F3035.RR	07/01/2008	11:14
8	SB-052/0-1 (ROC)	A8769103	F3036.RR	07/01/2008	11:40
9	TRIP BLANK	A8769105	F3042.RR	07/01/2008	17:59

LABELLA ASSOCIATES

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001957Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: F3059 BFB Injection Date: 07/03/2008Instrument ID: HP5973F BFB Injection Time: 19:38GC Column: ZB-624 ID: 0.20 (mm) Heated Purge: (Y/N): Y

m/e	ION Abundance Criteria	% Relative Abundance
50	15.0 - 40.0% of mass 95	18.8
75	30.0 - 60.0% of mass 95	42.3
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.4 (0.5) 1
174	50 - 120 % of mass 95	77.6
175	5.0 - 9.0% of mass 174	5.8 (7.5) 1
176	95.0 - 101.0% of mass 174	74.1 (95.5) 1
177	5.0 - 9.0% of mass 176	5.6 (7.6) 2

1-Value is % mass 174

2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD050	A8C0001652-1	F3062.RR	07/03/2008	20:57
2	MSB44	A8B1833001	F3063.RR	07/03/2008	21:38
3	MSB44	A8B1833003	F3063.RR	07/03/2008	21:38
4	VBLK44	A8B1833002	F3064.RR	07/03/2008	22:04
5	VBLK44	A8B1833004	F3064.RR	07/03/2008	22:04
6	SB-51/0-1 (ROC)	A8798801	F3076.RR	07/04/2008	03:25
7	SB-53/0-1 (ROC)	A8798802	F3077.RR	07/04/2008	03:51
8	SB-002/6-8	A8798803	F3078.RR	07/04/2008	04:16
9	SB-018/4-6	A8798804	F3079.RR	07/04/2008	04:41
10	SB-070/6-7.5	A8798805	F3080.RR	07/04/2008	05:07
11	SB-070/6-7.5	A8798805MS	F3081.RR	07/04/2008	05:32
12	SB-070/6-7.5	A8798805SD	F3082.RR	07/04/2008	05:58
13	TRIP BLANK	A8798806	F3083.RR	07/04/2008	06:24

LABELLA ASSOCIATES

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001649Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: P8273 BFB Injection Date: 06/10/2008Instrument ID: HP5973P BFB Injection Time: 18:00GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance
50	15.0 - 40.0% of mass 95	24.9
75	30.0 - 60.0% of mass 95	45.9
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.2 (0.3) 1
174	50 - 120 % of mass 95	72.6
175	5.0 - 9.0% of mass 174	5.4 (7.4) 1
176	95.0 - 101.0% of mass 174	72.1 (99.3) 1
177	5.0 - 9.0% of mass 176	5.0 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD001	A8I0000432-1	P8281.RR	06/10/2008	22:08
2	VSTD010	A8I0000432-1	P8283.RR	06/10/2008	23:03
3	VSTD025	A8I0000432-1	P8284.RR	06/10/2008	23:31
4	VSTD050	A8I0000432-1	P8285.RR	06/10/2008	23:59
5	VSTD100	A8I0000432-1	P8286.RR	06/11/2008	00:27

LABELLA ASSOCIATES

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001956Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: P9164 BFB Injection Date: 07/03/2008Instrument ID: HP5973P BFB Injection Time: 21:24GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance	
50	15.0 - 40.0% of mass 95	25.5	
75	30.0 - 60.0% of mass 95	47.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	6.3	
173	Less than 2.0% of mass 174	0.0	(0.0) 1
174	50 - 120 % of mass 95	73.3	
175	5.0 - 9.0% of mass 174	5.6	(7.7) 1
176	95.0 - 101.0% of mass 174	70.4	(96.1) 1
177	5.0 - 9.0% of mass 176	4.6	(6.5) 2

1-Value is % mass 174

2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A8C0001651-1	P9166.RR	07/03/2008	22:17
2	MSB 070108	A8769110	P9170.RR	07/04/2008	00:22
3	VBLK 070108	A8769111	P9171.RR	07/04/2008	00:50

LABELLA ASSOCIATES

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001984Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: P9217 BFB Injection Date: 07/07/2008Instrument ID: HP5973P BFB Injection Time: 21:07GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance
50	15.0 - 40.0% of mass 95	24.6
75	30.0 - 60.0% of mass 95	46.4
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50 - 120 % of mass 95	72.3
175	5.0 - 9.0% of mass 174	5.5 (7.6) 1
176	95.0 - 101.0% of mass 174	71.9 (99.4) 1
177	5.0 - 9.0% of mass 176	5.0 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD025	A8C0001675-1	P9219.RR	07/07/2008	21:59
2	SB-052/6-8 (ROC)	A8769104	P9239.RR	07/08/2008	07:33

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001596
 Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): F2983.RR Date Analyzed: 06/27/2008
 Instrument ID: HP5973F Time Analyzed: 20:24
 GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		632574	6.99	574784	9.44	1307252	4.38
UPPER LIMIT		1265148	7.49	1149568	9.94	2614504	4.88
LOWER LIMIT		316287	6.49	287392	8.94	653626	3.88
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 MSB39	A8B1804401	664854	6.99	583880	9.44	1374565	4.38
2 SB-036/7.5-8(ROC)	A8759501	621751	6.99	533226	9.44	1312052	4.38
3 VBLK39	A8B1804402	623597	6.99	560671	9.44	1297263	4.38

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001609

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): F3029.RR Date Analyzed: 07/01/2008

Instrument ID: HP5973F Time Analyzed: 08:32

GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		627774		554779		1301198	
UPPER LIMIT		1255548	6.99	1109558	9.44	2602396	4.38
LOWER LIMIT		313887	7.49	277390	9.94	650599	4.88
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 MSB42	A8B1811001	595703	6.99	513835	9.44	1275642	4.38
2 SB-050/0-1(ROC)	A8769101	579056	6.99	494502	9.44	1220128	4.38
3 SB-050/6-8	A8769102	597238	6.99	509260	9.44	1250806	4.38
4 SB-052/0-1(ROC)	A8769103	586500	6.99	516011	9.44	1235391	4.38
5 VBLK42	A8B1811002	588292	6.99	511841	9.44	1230723	4.38

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001609

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): F3029.RR Date Analyzed: 07/01/2008

Instrument ID: HP5973F Time Analyzed: 08:32

GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		627774	6.99	554779	9.44	1301198	4.38
UPPER LIMIT		1255548	7.49	1109558	9.94	2602396	4.88
LOWER LIMIT		313887	6.49	277390	8.94	650599	3.88
CLIENT SAMPLE	Lab Sample ID	AREA	RT #	AREA	RT #	AREA	RT #
1 MSB42	A8B1811003	595703	6.99	513835	9.44	1275642	4.38
2 TRIP BLANK	A8769105	609062	6.99	532963	9.44	1262185	4.38
3 VBLK42	A8B1811004	588292	6.99	511841	9.44	1230723	4.38

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001652

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): F3062.RR Date Analyzed: 07/03/2008

Instrument ID: HP5973F Time Analyzed: 20:57

GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	# RT #	AREA	# RT #	AREA	# RT #
=====		=====		=====		=====	
12 HOUR STD		615598	6.99	543495	9.44	1248925	4.37
UPPER LIMIT		1231196	7.49	1086990	9.94	2497850	4.87
LOWER LIMIT		307799	6.49	271748	8.94	624463	3.87
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 MSB44	A8B1833001	623692	6.99	558919	9.44	1312266	4.38
2 SB-002/6-8	A8798803	542917	6.99	458053	9.44	1119302	4.38
3 SB-018/4-6	A8798804	542302	6.99	472521	9.44	1113115	4.38
4 SB-070/6-7.5	A8798805	571973	6.99	494677	9.44	1136391	4.38
5 SB-070/6-7.5	A8798805MS	568911	6.99	476818	9.44	1160205	4.37
6 SB-070/6-7.5	A8798805SD	571622	6.99	489011	9.44	1161361	4.38
7 SB-51/0-1(ROC)	A8798801	561727	6.99	467182	9.44	1147373	4.37
8 SB-53/0-1(ROC)	A8798802	546045	6.99	448226	9.44	1124486	4.37
9 VBLK44	A8B1833002	600310	6.99	524814	9.44	1234532	4.38

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsamid: A8C0001652
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): F3062.RR Date Analyzed: 07/03/2008
 Instrument ID: HP5973F Time Analyzed: 20:57
 GC Column(1): ZB-624 ID: 0.200(mm) Heated Purge: (Y/N) Y

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		615598	6.99	543495	9.44	1248925	4.37
UPPER LIMIT		1231196	7.49	1086990	9.94	2497850	4.87
LOWER LIMIT		307799	6.49	271748	8.94	624463	3.87
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 MSB44	A8B1833003	623692	6.99	558919	9.44	1312266	4.38
2 TRIP BLANK	A8798806	541246	6.99	476214	9.44	1115869	4.38
3 VBLK44	A8B1833004	600310	6.99	524814	9.44	1234532	4.38

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001651
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): P9166.RR Date Analyzed: 07/03/2008
 Instrument ID: HP5973P Time Analyzed: 22:17
 GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		627488	13.54	327702	16.91	686084	9.66
UPPER LIMIT		1254976	14.04	655404	17.41	1372168	10.16
LOWER LIMIT		313744	13.04	163851	16.41	343042	9.16
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 MSB 070108	A8769110	596979	13.54	312766	16.91	673047	9.65
2 VBLK 070108	A8769111	601944	13.54	314811	16.91	675777	9.66

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001675
 Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID (Standard): P9219.RR Date Analyzed: 07/07/2008
 Instrument ID: HP5973P Time Analyzed: 21:59
 GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)	RT #	IS2 (DCB)	RT #	IS3 (DFB)	RT #
		AREA #		AREA #		AREA #	
=====		=====		=====		=====	
12 HOUR STD		585655	13.54	308601	16.91	643803	9.66
UPPER LIMIT		1171310	14.04	617202	17.41	1287606	10.16
LOWER LIMIT		292828	13.04	154301	16.41	321902	9.16
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 SB-052/6-8(ROC)	A8769104	516877	13.54	291962	16.91	542163	9.66

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (CBZ) = Chlorobenzene-D5 (50-200) -0.50 / +0.50 min
 IS2 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min
 IS3 (DFB) = 1,4-Difluorobenzene (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

321/4151

Laboratory: A
Object Manager: JRK

Client Name	Project No	Tsk No	Parameter	T			CDL	TDL	MDL	E			
				Type	Protcl	Method				Test	M	UM	X	I	J
Bella Associates	NY2A8951.6	8	1,1,1-Trichloroethane	CDL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.26495	N	J	T
Bella Associates	NY2A8951.6	8	1,1,1-Trichloroethane	EQL	SW8463	8260	CTA29275 S UG/KG		5.00000	0.36333	N	J	T
Bella Associates	NY2A8951.6	8	1,1,1-Trichloroethane	EQL	SW8463	8260	CTA33435 W UG/L		1.00000	0.26495	N	J	T
Bella Associates	NY2A8951.6	8	1,1,1-Trichloroethane	EQL	SW8463	8260	CTA33436 S UG/KG		5.00000	0.36333	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2,2-Tetrachloroethane	CDL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.48465	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2,2-Tetrachloroethane	EQL	SW8463	8260	CTA29275 S UG/KG		5.00000	0.33253	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2,2-Tetrachloroethane	EQL	SW8463	8260	CTA33435 W UG/L		1.00000	0.48465	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2,2-Tetrachloroethane	EQL	SW8463	8260	CTA33436 S UG/KG		5.00000	0.33253	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2-Trichloro-1,2,2-trifluoroethane	CDL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.30900	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2-Trichloro-1,2,2-trifluoroethane	EQL	SW8463	8260	CTA29275 S UG/KG		5.00000	0.53000	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2-Trichloro-1,2,2-trifluoroethane	EQL	SW8463	8260	CTA33435 W UG/L		1.00000	0.30900	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2-Trichloro-1,2,2-trifluoroethane	EQL	SW8463	8260	CTA33436 S UG/KG		5.00000	0.53000	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2-Trichloroethane	CDL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.41896	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2-Trichloroethane	EQL	SW8463	8260	CTA29275 S UG/KG		5.00000	0.25113	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2-Trichloroethane	EQL	SW8463	8260	CTA33435 W UG/L		1.00000	0.41896	N	J	T
Bella Associates	NY2A8951.6	8	1,1,2-Trichloroethane	EQL	SW8463	8260	CTA33436 S UG/KG		5.00000	0.25113	N	J	T
Bella Associates	NY2A8951.6	8	1,1-Dichloroethane	CDL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.27344	N	J	T
Bella Associates	NY2A8951.6	8	1,1-Dichloroethane	EQL	SW8463	8260	CTA29275 S UG/KG		5.00000	0.58100	N	J	T
Bella Associates	NY2A8951.6	8	1,1-Dichloroethane	EQL	SW8463	8260	CTA33435 W UG/L		1.00000	0.27344	N	J	T
Bella Associates	NY2A8951.6	8	1,1-Dichloroethane	EQL	SW8463	8260	CTA33436 S UG/KG		5.00000	0.58100	N	J	T
Bella Associates	NY2A8951.6	8	1,1-Dichloroethane	CDL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.29324	N	J	T
Bella Associates	NY2A8951.6	8	1,1-Dichloroethane	EQL	SW8463	8260	CTA29275 S UG/KG		5.00000	0.61200	N	J	T
Bella Associates	NY2A8951.6	8	1,1-Dichloroethane	EQL	SW8463	8260	CTA33435 W UG/L		1.00000	0.29324	N	J	T
Bella Associates	NY2A8951.6	8	1,2,4-Trichlorobenzene	CDL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.40765	N	J	T
Bella Associates	NY2A8951.6	8	1,2,4-Trichlorobenzene	EQL	SW8463	8260	CTA29275 S UG/KG		5.00000	0.30424	N	J	T
Bella Associates	NY2A8951.6	8	1,2,4-Trichlorobenzene	EQL	SW8463	8260	CTA33435 W UG/L		1.00000	0.40765	N	J	T
Bella Associates	NY2A8951.6	8	1,2,4-Trichlorobenzene	EQL	SW8463	8260	CTA33436 S UG/KG		5.00000	0.30424	N	J	T
Bella Associates	NY2A8951.6	8	1,2,4-Trimethylbenzene	CDL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.32593	N	J	T
Bella Associates	NY2A8951.6	8	1,2,4-Trimethylbenzene	EQL	SW8463	8260	CTA29275 S UG/KG		5.00000	0.36176	N	J	T
Bella Associates	NY2A8951.6	8	1,2,4-Trimethylbenzene	EQL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.46674	N	J	T
Bella Associates	NY2A8951.6	8	1,2-Dibromo-3-chloropropane	CDL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.36553	N	J	T
Bella Associates	NY2A8951.6	8	1,2-Dibromo-3-chloropropane	EQL	SW8463	8260	CTA29275 S UG/KG		5.00000	0.46674	N	J	T
Bella Associates	NY2A8951.6	8	1,2-Dibromo-3-chloropropane	EQL	SW8463	8260	CTA33435 W UG/L		1.00000	0.46674	N	J	T
Bella Associates	NY2A8951.6	8	1,2-Dibromo-3-chloropropane	EQL	SW8463	8260	CTA33436 S UG/KG		5.00000	0.36553	N	J	T
Bella Associates	NY2A8951.6	8	1,2-Dibromoethane	CDL	SW8463	8260	CTA29276 W UG/L	5.0000	1.00000	0.41645	N	J	T
Bella Associates	NY2A8951.6	8	1,2-Dibromoethane	EQL	SW8463	8260	CTA29275 S UG/KG		5.00000	0.18984	N	J	T

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

For FRACTIONS: MV

Laboratory: A
Object Manager: JRK

Client Name	Project No	Tsk No	Parameter	TDL		Method	Test	UM	CDL	TDL	MDL	E	
				Type	Protcl							X	I
Bella Associates	NY2A8951.6	8	1,2-Dibromoethane	EQL	SW8463	8260	CTA33435	W UG/L		1.00000	0.41645	N	J
Bella Associates	NY2A8951.6	8	1,2-Dibromoethane	EQL	SW8463	8260	CTA33436	S UG/KG		5.00000	0.18984	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichlorobenzene	CDL	SW8463	8260	CTA29276	W UG/L	5.0000	1.00000	0.40105	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichlorobenzene	EQL	SW8463	8260	CTA29275	S UG/KG		5.00000	0.31556	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichlorobenzene	EQL	SW8463	8260	CTA33435	W UG/L		1.00000	0.40105	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichlorobenzene	EQL	SW8463	8260	CTA33436	S UG/KG		5.00000	0.31556	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichloroethane	CDL	SW8463	8260	CTA29276	W UG/L	5.0000	1.00000	0.45794	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichloroethane	EQL	SW8463	8260	CTA29275	S UG/KG		5.00000	0.25113	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichloroethane	EQL	SW8463	8260	CTA33435	W UG/L		1.00000	0.45794	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichloroethane	EQL	SW8463	8260	CTA33436	S UG/KG		5.00000	0.25113	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichloropropane	CDL	SW8463	8260	CTA29276	W UG/L	5.0000	1.00000	0.33190	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichloropropane	EQL	SW8463	8260	CTA29275	S UG/KG		5.00000	0.25615	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichloropropane	EQL	SW8463	8260	CTA33435	W UG/L		1.00000	0.33190	N	J
Bella Associates	NY2A8951.6	8	1,2-Dichloropropane	EQL	SW8463	8260	CTA33436	S UG/KG		5.00000	0.25615	N	J
Bella Associates	NY2A8951.6	8	1,3,5-Trimethylbenzene	CDL	SW8463	8260	CTA29276	W UG/L	5.0000	1.00000	0.35893	N	J
Bella Associates	NY2A8951.6	8	1,3,5-Trimethylbenzene	EQL	SW8463	8260	CTA29275	S UG/KG		5.00000	0.32153	N	J
Bella Associates	NY2A8951.6	8	1,3-Dichlorobenzene	CDL	SW8463	8260	CTA29276	W UG/L	5.0000	1.00000	0.33096	N	J
Bella Associates	NY2A8951.6	8	1,3-Dichlorobenzene	EQL	SW8463	8260	CTA29275	S UG/KG		5.00000	0.29733	N	J
Bella Associates	NY2A8951.6	8	1,3-Dichlorobenzene	EQL	SW8463	8260	CTA33435	W UG/L		1.00000	0.33096	N	J
Bella Associates	NY2A8951.6	8	1,3-Dichlorobenzene	EQL	SW8463	8260	CTA33436	S UG/KG		5.00000	0.29733	N	J
Bella Associates	NY2A8951.6	8	1,4-Dichlorobenzene	CDL	SW8463	8260	CTA29276	W UG/L	5.0000	1.00000	0.36899	N	J
Bella Associates	NY2A8951.6	8	1,4-Dichlorobenzene	EQL	SW8463	8260	CTA29275	S UG/KG		5.00000	0.22912	N	J
Bella Associates	NY2A8951.6	8	1,4-Dichlorobenzene	EQL	SW8463	8260	CTA33435	W UG/L		1.00000	0.36899	N	J
Bella Associates	NY2A8951.6	8	1,4-Dichlorobenzene	EQL	SW8463	8260	CTA33436	S UG/KG		5.00000	0.22912	N	J
Bella Associates	NY2A8951.6	8	2-Butanone	CDL	SW8463	8260	CTA29276	W UG/L	25.0000	5.00000	1.31800	N	J
Bella Associates	NY2A8951.6	8	2-Butanone	EQL	SW8463	8260	CTA29275	S UG/KG		25.00000	0.81200	N	J
Bella Associates	NY2A8951.6	8	2-Butanone	EQL	SW8463	8260	CTA33435	W UG/L		5.00000	1.31800	N	J
Bella Associates	NY2A8951.6	8	2-Butanone	EQL	SW8463	8260	CTA33436	S UG/KG		25.00000	0.81200	N	J
Bella Associates	NY2A8951.6	8	2-Hexanone	CDL	SW8463	8260	CTA29276	W UG/L	25.0000	5.00000	1.25100	N	J
Bella Associates	NY2A8951.6	8	2-Hexanone	EQL	SW8463	8260	CTA29275	S UG/KG		25.00000	6.25000	N	J
Bella Associates	NY2A8951.6	8	2-Hexanone	EQL	SW8463	8260	CTA33435	W UG/L		5.00000	1.25100	N	J
Bella Associates	NY2A8951.6	8	2-Hexanone	EQL	SW8463	8260	CTA33436	S UG/KG		25.00000	6.25000	N	J
Bella Associates	NY2A8951.6	8	4-Methyl-2-pentanone	CDL	SW8463	8260	CTA29276	W UG/L	25.0000	5.00000	1.34600	N	J
Bella Associates	NY2A8951.6	8	4-Methyl-2-pentanone	EQL	SW8463	8260	CTA29275	S UG/KG		25.00000	6.25000	N	J
Bella Associates	NY2A8951.6	8	4-Methyl-2-pentanone	EQL	SW8463	8260	CTA33435	W UG/L		5.00000	1.34600	N	J
Bella Associates	NY2A8951.6	8	4-Methyl-2-pentanone	EQL	SW8463	8260	CTA33436	S UG/KG		25.00000	6.25000	N	J
Bella Associates	NY2A8951.6	8	Acetone	CDL	SW8463	8260	CTA29276	W UG/L	25.0000	5.00000	1.34500	N	J

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- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
 Object Manager: JRK

Client Name	Project No	Tsk No	Parameter	TDL		Method	Test	M	UM	CDL	TDL	MDL	E	
				Type	Procl								X	I
Bella Associates	NY2A8951.6	8	Acetone	EQL	SW8463	8260	CTA29275	S	UG/KG		25.00000	1.09700	N	J
Bella Associates	NY2A8951.6	8	Acetone	EQL	SW8463	8260	CTA33435	W	UG/L		5.00000	1.34500	N	J
Bella Associates	NY2A8951.6	8	Acetone	EQL	SW8463	8260	CTA33436	S	UG/KG		25.00000	1.09700	N	J
Bella Associates	NY2A8951.6	8	Benzene	CDL	SW8463	8260	CTA29276	W	UG/L	5.0000	1.00000	0.35013	N	J
Bella Associates	NY2A8951.6	8	Benzene	EQL	SW8463	8260	CTA29275	S	UG/KG		5.00000	0.54700	N	J
Bella Associates	NY2A8951.6	8	Benzene	EQL	SW8463	8260	CTA33435	W	UG/L		1.00000	0.35013	N	J
Bella Associates	NY2A8951.6	8	Benzene	EQL	SW8463	8260	CTA33436	S	UG/KG		5.00000	0.54700	N	J
Bella Associates	NY2A8951.6	8	Bromodichloromethane	CDL	SW8463	8260	CTA29276	W	UG/L	5.0000	1.00000	0.38565	N	J
Bella Associates	NY2A8951.6	8	Bromodichloromethane	EQL	SW8463	8260	CTA29275	S	UG/KG		5.00000	0.25710	N	J
Bella Associates	NY2A8951.6	8	Bromodichloromethane	EQL	SW8463	8260	CTA33435	W	UG/L		1.00000	0.38565	N	J
Bella Associates	NY2A8951.6	8	Bromodichloromethane	EQL	SW8463	8260	CTA33436	S	UG/KG		5.00000	0.25710	N	J
Bella Associates	NY2A8951.6	8	Bromoform	CDL	SW8463	8260	CTA29276	W	UG/L	5.0000	1.00000	0.25741	N	J
Bella Associates	NY2A8951.6	8	Bromoform	EQL	SW8463	8260	CTA29275	S	UG/KG		5.00000	0.46139	N	J
Bella Associates	NY2A8951.6	8	Bromoform	EQL	SW8463	8260	CTA33435	W	UG/L		1.00000	0.25741	N	J
Bella Associates	NY2A8951.6	8	Bromoform	EQL	SW8463	8260	CTA33436	S	UG/KG		5.00000	0.46139	N	J
Bella Associates	NY2A8951.6	8	Bromomethane	CDL	SW8463	8260	CTA29276	W	UG/L	5.0000	1.00000	0.28161	N	J
Bella Associates	NY2A8951.6	8	Bromomethane	EQL	SW8463	8260	CTA29275	S	UG/KG		5.00000	0.45888	N	J
Bella Associates	NY2A8951.6	8	Bromomethane	EQL	SW8463	8260	CTA33435	W	UG/L		1.00000	0.28161	N	J
Bella Associates	NY2A8951.6	8	Bromomethane	EQL	SW8463	8260	CTA33436	S	UG/KG		5.00000	0.45888	N	J
Bella Associates	NY2A8951.6	8	Carbon Disulfide	CDL	SW8463	8260	CTA29276	W	UG/L	5.0000	1.00000	0.23200	N	J
Bella Associates	NY2A8951.6	8	Carbon Disulfide	EQL	SW8463	8260	CTA29275	S	UG/KG		5.00000	0.42871	N	J
Bella Associates	NY2A8951.6	8	Carbon Disulfide	EQL	SW8463	8260	CTA33435	W	UG/L		1.00000	0.23200	N	J
Bella Associates	NY2A8951.6	8	Carbon Disulfide	EQL	SW8463	8260	CTA33436	S	UG/KG		5.00000	0.42871	N	J
Bella Associates	NY2A8951.6	8	Carbon Tetrachloride	CDL	SW8463	8260	CTA29276	W	UG/L	5.0000	1.00000	0.26653	N	J
Bella Associates	NY2A8951.6	8	Carbon Tetrachloride	EQL	SW8463	8260	CTA29275	S	UG/KG		5.00000	0.68100	N	J
Bella Associates	NY2A8951.6	8	Carbon Tetrachloride	EQL	SW8463	8260	CTA33435	W	UG/L		1.00000	0.26653	N	J
Bella Associates	NY2A8951.6	8	Carbon Tetrachloride	EQL	SW8463	8260	CTA33436	S	UG/KG		5.00000	0.68100	N	J
Bella Associates	NY2A8951.6	8	Chlorobenzene	CDL	SW8463	8260	CTA29276	W	UG/L	5.0000	1.00000	0.31744	N	J
Bella Associates	NY2A8951.6	8	Chlorobenzene	EQL	SW8463	8260	CTA29275	S	UG/KG		5.00000	0.51400	N	J
Bella Associates	NY2A8951.6	8	Chlorobenzene	EQL	SW8463	8260	CTA33435	W	UG/L		1.00000	0.31744	N	J
Bella Associates	NY2A8951.6	8	Chlorobenzene	EQL	SW8463	8260	CTA33436	S	UG/KG		5.00000	0.51400	N	J
Bella Associates	NY2A8951.6	8	Chloroethane	CDL	SW8463	8260	CTA29276	W	UG/L	5.0000	1.00000	0.32373	N	J
Bella Associates	NY2A8951.6	8	Chloroethane	EQL	SW8463	8260	CTA29275	S	UG/KG		5.00000	0.36082	N	J
Bella Associates	NY2A8951.6	8	Chloroethane	EQL	SW8463	8260	CTA33435	W	UG/L		1.00000	0.32373	N	J
Bella Associates	NY2A8951.6	8	Chloroethane	EQL	SW8463	8260	CTA33436	S	UG/KG		5.00000	0.36082	N	J
Bella Associates	NY2A8951.6	8	Chloroform	CDL	SW8463	8260	CTA29276	W	UG/L	5.0000	1.00000	0.33567	N	J
Bella Associates	NY2A8951.6	8	Chloroform	EQL	SW8463	8260	CTA29275	S	UG/KG		5.00000	0.30896	N	J

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- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRGL,EQL) E - TDL>CDL (TDL Type CDL)

For FRACTIONS: MV

Laboratory: A
Object Manager: JRK

Client Name	Project No	Tsk No	Parameter	TDL			T			CDL	TDL	MDL	E		
				Type	Protcl	Method	Test	M	UM				X	I	J
Bella Associates	NY2A8951.6	8	Chloroform	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.33567	N	J	T	
Bella Associates	NY2A8951.6	8	Chloroform	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.30896	N	J	T	
Bella Associates	NY2A8951.6	8	Chloromethane	CDL	SW8463	8260	CTA29276	W	UG/L	5.00000	0.34573	N	J	T	
Bella Associates	NY2A8951.6	8	Chloromethane	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.30200	N	J	T	
Bella Associates	NY2A8951.6	8	Chloromethane	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.34573	N	J	T	
Bella Associates	NY2A8951.6	8	Chloromethane	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.30200	N	J	T	
Bella Associates	NY2A8951.6	8	Cyclohexane	CDL	SW8463	8260	CTA29276	W	UG/L	5.00000	0.22000	N	J	T	
Bella Associates	NY2A8951.6	8	Cyclohexane	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.23000	N	J	T	
Bella Associates	NY2A8951.6	8	Cyclohexane	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.22000	N	J	T	
Bella Associates	NY2A8951.6	8	Cyclohexane	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.23000	N	J	T	
Bella Associates	NY2A8951.6	8	Dibromochloromethane	CDL	SW8463	8260	CTA29276	W	UG/L	5.00000	0.32247	N	J	T	
Bella Associates	NY2A8951.6	8	Dibromochloromethane	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.27627	N	J	T	
Bella Associates	NY2A8951.6	8	Dibromochloromethane	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.32247	N	J	T	
Bella Associates	NY2A8951.6	8	Dibromochloromethane	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.27627	N	J	T	
Bella Associates	NY2A8951.6	8	Dichlorodifluoromethane	CDL	SW8463	8260	CTA29276	W	UG/L	5.00000	0.28538	N	J	T	
Bella Associates	NY2A8951.6	8	Dichlorodifluoromethane	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.41330	N	J	T	
Bella Associates	NY2A8951.6	8	Dichlorodifluoromethane	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.28538	N	J	T	
Bella Associates	NY2A8951.6	8	Dichlorodifluoromethane	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.41330	N	J	T	
Bella Associates	NY2A8951.6	8	Ethylbenzene	CDL	SW8463	8260	CTA29276	W	UG/L	5.00000	0.34416	N	J	T	
Bella Associates	NY2A8951.6	8	Ethylbenzene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.34542	N	J	T	
Bella Associates	NY2A8951.6	8	Ethylbenzene	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.34416	N	J	T	
Bella Associates	NY2A8951.6	8	Ethylbenzene	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.34542	N	J	T	
Bella Associates	NY2A8951.6	8	Isopropylbenzene	CDL	SW8463	8260	CTA29276	W	UG/L	5.00000	0.31870	N	J	T	
Bella Associates	NY2A8951.6	8	Isopropylbenzene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.32781	N	J	T	
Bella Associates	NY2A8951.6	8	Isopropylbenzene	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.31870	N	J	T	
Bella Associates	NY2A8951.6	8	Isopropylbenzene	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.32781	N	J	T	
Bella Associates	NY2A8951.6	8	Methyl acetate	CDL	SW8463	8260	CTA29276	W	UG/L	5.00000	0.44976	N	J	T	
Bella Associates	NY2A8951.6	8	Methyl acetate	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.99800	N	J	T	
Bella Associates	NY2A8951.6	8	Methyl acetate	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.44976	N	J	T	
Bella Associates	NY2A8951.6	8	Methyl acetate	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.99800	N	J	T	
Bella Associates	NY2A8951.6	8	Methyl-t-Butyl Ether (MTBE)	CDL	SW8463	8260	CTA29276	W	UG/L	5.00000	0.28400	N	J	T	
Bella Associates	NY2A8951.6	8	Methyl-t-Butyl Ether (MTBE)	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.49100	N	J	T	
Bella Associates	NY2A8951.6	8	Methyl-t-Butyl Ether (MTBE)	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.28400	N	J	T	
Bella Associates	NY2A8951.6	8	Methyl-t-Butyl Ether (MTBE)	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.49100	N	J	T	
Bella Associates	NY2A8951.6	8	Methylcyclohexane	CDL	SW8463	8260	CTA29276	W	UG/L	5.00000	0.22100	N	J	T	
Bella Associates	NY2A8951.6	8	Methylcyclohexane	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.32404	N	J	T	
Bella Associates	NY2A8951.6	8	Methylcyclohexane	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.22100	N	J	T	

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- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

For FRACTIONS: MV

Laboratory: A
 Object Manager: JRK

Client Name	Project No	No	Tsk	Parameter	TDL			T			CDL	TDL	MDL	E	I	J	I
					Type	Protcl	Method	Test	M	UM							
Bella Associates	NY2A8951.6	8	Methylcyclohexane	EQL	SH8463	8260	CTA33436	S	UG/KG	5.0000	0.32404	N	J	T			
Bella Associates	NY2A8951.6	8	Methylene chloride	CDL	SH8463	8260	CTA29276	W	UG/L	5.0000	0.43845	N	J	T			
Bella Associates	NY2A8951.6	8	Methylene chloride	EQL	SH8463	8260	CTA29275	S	UG/KG	5.0000	2.20000	N	J	T			
Bella Associates	NY2A8951.6	8	Methylene chloride	EQL	SH8463	8260	CTA33435	W	UG/L	1.0000	0.43845	N	J	T			
Bella Associates	NY2A8951.6	8	Methylene chloride	EQL	SH8463	8260	CTA33436	S	UG/KG	5.0000	2.20000	N	J	T			
Bella Associates	NY2A8951.6	8	Naphthalene	CDL	SH8463	8260	CTA29276	W	UG/L	1.0000	0.43373	N	J	T			
Bella Associates	NY2A8951.6	8	Naphthalene	EQL	SH8463	8260	CTA29275	S	UG/KG	5.0000	0.64400	N	J	T			
Bella Associates	NY2A8951.6	8	Styrene	CDL	SH8463	8260	CTA29276	W	UG/L	1.0000	0.31367	N	J	T			
Bella Associates	NY2A8951.6	8	Styrene	EQL	SH8463	8260	CTA29275	S	UG/KG	5.0000	0.24955	N	J	T			
Bella Associates	NY2A8951.6	8	Styrene	EQL	SH8463	8260	CTA33435	W	UG/L	1.0000	0.31367	N	J	T			
Bella Associates	NY2A8951.6	8	Styrene	EQL	SH8463	8260	CTA33436	S	UG/KG	5.0000	0.24955	N	J	T			
Bella Associates	NY2A8951.6	8	Tetrachloroethene	CDL	SH8463	8260	CTA29276	W	UG/L	1.0000	0.36490	N	J	T			
Bella Associates	NY2A8951.6	8	Tetrachloroethene	EQL	SH8463	8260	CTA29275	S	UG/KG	5.0000	0.29921	N	J	T			
Bella Associates	NY2A8951.6	8	Tetrachloroethene	EQL	SH8463	8260	CTA33435	W	UG/L	1.0000	0.36490	N	J	T			
Bella Associates	NY2A8951.6	8	Tetrachloroethene	EQL	SH8463	8260	CTA33436	S	UG/KG	5.0000	0.29921	N	J	T			
Bella Associates	NY2A8951.6	8	Toluene	CDL	SH8463	8260	CTA29276	W	UG/L	1.0000	0.51000	N	J	T			
Bella Associates	NY2A8951.6	8	Toluene	EQL	SH8463	8260	CTA29275	S	UG/KG	5.0000	0.84800	N	J	T			
Bella Associates	NY2A8951.6	8	Toluene	EQL	SH8463	8260	CTA33435	W	UG/L	1.0000	0.51000	N	J	T			
Bella Associates	NY2A8951.6	8	Toluene	EQL	SH8463	8260	CTA33436	S	UG/KG	5.0000	0.84800	N	J	T			
Bella Associates	NY2A8951.6	8	Total Xylenes	CDL	SH8463	8260	CTA29276	W	UG/L	3.0000	0.93000	N	J	T			
Bella Associates	NY2A8951.6	8	Total Xylenes	EQL	SH8463	8260	CTA29275	S	UG/KG	15.0000	2.93714	N	J	T			
Bella Associates	NY2A8951.6	8	Total Xylenes	EQL	SH8463	8260	CTA33435	W	UG/L	3.0000	0.93000	N	J	T			
Bella Associates	NY2A8951.6	8	Total Xylenes	EQL	SH8463	8260	CTA33436	S	UG/KG	15.0000	2.93714	N	J	T			
Bella Associates	NY2A8951.6	8	Trichloroethene	CDL	SH8463	8260	CTA29276	W	UG/L	1.0000	0.32436	N	J	T			
Bella Associates	NY2A8951.6	8	Trichloroethene	EQL	SH8463	8260	CTA29275	S	UG/KG	5.0000	0.34510	N	J	T			
Bella Associates	NY2A8951.6	8	Trichloroethene	EQL	SH8463	8260	CTA33435	W	UG/L	1.0000	0.32436	N	J	T			
Bella Associates	NY2A8951.6	8	Trichloroethene	EQL	SH8463	8260	CTA33436	S	UG/KG	5.0000	0.34510	N	J	T			
Bella Associates	NY2A8951.6	8	Trichlorofluoromethane	CDL	SH8463	8260	CTA29276	W	UG/L	1.0000	0.15200	N	J	T			
Bella Associates	NY2A8951.6	8	Trichlorofluoromethane	EQL	SH8463	8260	CTA29275	S	UG/KG	5.0000	0.55000	N	J	T			
Bella Associates	NY2A8951.6	8	Trichlorofluoromethane	EQL	SH8463	8260	CTA33435	W	UG/L	1.0000	0.15200	N	J	T			
Bella Associates	NY2A8951.6	8	Trichlorofluoromethane	EQL	SH8463	8260	CTA33436	S	UG/KG	5.0000	0.55000	N	J	T			
Bella Associates	NY2A8951.6	8	Vinyl acetate	EQL	SH8463	8260	CTA29275	S	UG/KG	25.0000	6.25000	N	J	T			
Bella Associates	NY2A8951.6	8	Vinyl chloride	CDL	SH8463	8260	CTA29276	W	UG/L	1.0000	0.24264	N	J	T			
Bella Associates	NY2A8951.6	8	Vinyl chloride	EQL	SH8463	8260	CTA29275	S	UG/KG	10.0000	0.20398	N	J	T			
Bella Associates	NY2A8951.6	8	Vinyl chloride	EQL	SH8463	8260	CTA33435	W	UG/L	1.0000	0.24264	N	J	T			
Bella Associates	NY2A8951.6	8	Vinyl chloride	EQL	SH8463	8260	CTA33436	S	UG/KG	10.0000	0.20398	N	J	T			
Bella Associates	NY2A8951.6	8	cis-1,2-Dichloroethene	CDL	SH8463	8260	CTA29276	W	UG/L	1.0000	0.36585	N	J	T			

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- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
 Subject Manager: JRK

Client Name	Project No	Task No	Parameter	TDL		Method	Test	M	UM	CDL	TDL	MDL	E	
				Type	Protcl								X	I
Bella Associates	NY2A8951.6	8	cis-1,2-Dichloroethene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.24641	N	J	J
Bella Associates	NY2A8951.6	8	cis-1,2-Dichloroethene	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.36585	N	J	J
Bella Associates	NY2A8951.6	8	cis-1,2-Dichloroethene	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.24641	N	J	J
Bella Associates	NY2A8951.6	8	cis-1,3-Dichloropropene	CDL	SW8463	8260	CTA29276	W	UG/L	5.00000	0.35516	N	J	J
Bella Associates	NY2A8951.6	8	cis-1,3-Dichloropropene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.28538	N	J	J
Bella Associates	NY2A8951.6	8	cis-1,3-Dichloropropene	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.35516	N	J	J
Bella Associates	NY2A8951.6	8	cis-1,3-Dichloropropene	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.28538	N	J	J
Bella Associates	NY2A8951.6	8	n-Butylbenzene	CDL	SW8463	8260	CTA29276	W	UG/L	1.00000	0.28287	N	J	J
Bella Associates	NY2A8951.6	8	n-Butylbenzene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.43468	N	J	J
Bella Associates	NY2A8951.6	8	n-Propylbenzene	CDL	SW8463	8260	CTA29276	W	UG/L	1.00000	0.35390	N	J	J
Bella Associates	NY2A8951.6	8	n-Propylbenzene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.37999	N	J	J
Bella Associates	NY2A8951.6	8	p-Cymene	CDL	SW8463	8260	CTA29276	W	UG/L	1.00000	0.31021	N	J	J
Bella Associates	NY2A8951.6	8	p-Cymene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.40136	N	J	J
Bella Associates	NY2A8951.6	8	sec-Butylbenzene	CDL	SW8463	8260	CTA29276	W	UG/L	1.00000	0.30299	N	J	J
Bella Associates	NY2A8951.6	8	sec-Butylbenzene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.43499	N	J	J
Bella Associates	NY2A8951.6	8	tert-Butylbenzene	CDL	SW8463	8260	CTA29276	W	UG/L	1.00000	0.30299	N	J	J
Bella Associates	NY2A8951.6	8	tert-Butylbenzene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.52048	N	J	J
Bella Associates	NY2A8951.6	8	trans-1,2-Dichloroethene	CDL	SW8463	8260	CTA29276	W	UG/L	1.00000	0.33253	N	J	J
Bella Associates	NY2A8951.6	8	trans-1,2-Dichloroethene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.51577	N	J	J
Bella Associates	NY2A8951.6	8	trans-1,2-Dichloroethene	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.33253	N	J	J
Bella Associates	NY2A8951.6	8	trans-1,2-Dichloroethene	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.51577	N	J	J
Bella Associates	NY2A8951.6	8	trans-1,3-Dichloropropene	CDL	SW8463	8260	CTA29276	W	UG/L	1.00000	0.36836	N	J	J
Bella Associates	NY2A8951.6	8	trans-1,3-Dichloropropene	EQL	SW8463	8260	CTA29275	S	UG/KG	5.00000	0.64200	N	J	J
Bella Associates	NY2A8951.6	8	trans-1,3-Dichloropropene	EQL	SW8463	8260	CTA33435	W	UG/L	1.00000	0.36836	N	J	J
Bella Associates	NY2A8951.6	8	trans-1,3-Dichloropropene	EQL	SW8463	8260	CTA33436	S	UG/KG	5.00000	0.64200	N	J	J

Sample Data

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 5.16 (g/mL) G Lab File ID: F3078.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
67-64-1-----	Acetone		30	U
71-43-2-----	Benzene		6	U
75-27-4-----	Bromodichloromethane		6	U
75-25-2-----	Bromoform		6	U
74-83-9-----	Bromomethane		6	U
78-93-3-----	2-Butanone		30	U
75-15-0-----	Carbon Disulfide		6	U
56-23-5-----	Carbon Tetrachloride		6	U
108-90-7-----	Chlorobenzene		6	U
75-00-3-----	Chloroethane		6	U
67-66-3-----	Chloroform		6	U
74-87-3-----	Chloromethane		6	U
110-82-7-----	Cyclohexane		6	U
106-93-4-----	1,2-Dibromoethane		6	U
124-48-1-----	Dibromochloromethane		6	U
96-12-8-----	1,2-Dibromo-3-chloropropane		6	U
95-50-1-----	1,2-Dichlorobenzene		6	U
541-73-1-----	1,3-Dichlorobenzene		6	U
106-46-7-----	1,4-Dichlorobenzene		6	U
75-71-8-----	Dichlorodifluoromethane		6	U
75-34-3-----	1,1-Dichloroethane		6	U
107-06-2-----	1,2-Dichloroethane		6	U
75-35-4-----	1,1-Dichloroethene		6	U
156-59-2-----	cis-1,2-Dichloroethene		6	U
156-60-5-----	trans-1,2-Dichloroethene		6	U
78-87-5-----	1,2-Dichloropropane		6	U
10061-01-5----	cis-1,3-Dichloropropene		6	U
10061-02-6----	trans-1,3-Dichloropropene		6	U
100-41-4-----	Ethylbenzene		6	U
591-78-6-----	2-Hexanone		30	U
98-82-8-----	Isopropylbenzene		6	U
79-20-9-----	Methyl acetate		6	U
108-87-2-----	Methylcyclohexane		6	U
75-09-2-----	Methylene chloride		4	BJ

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 5.16 (g/mL) G Lab File ID: F3078.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

108-10-1-----	4-Methyl-2-pentanone	30		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6		U
100-42-5-----	Styrene	6		U
79-34-5-----	1,1,2,2-Tetrachloroethane	6		U
127-18-4-----	Tetrachloroethene	6		U
108-88-3-----	Toluene	6		U
120-82-1-----	1,2,4-Trichlorobenzene	6		U
71-55-6-----	1,1,1-Trichloroethane	6		U
79-00-5-----	1,1,2-Trichloroethane	6		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6		U
75-69-4-----	Trichlorofluoromethane	6		U
79-01-6-----	Trichloroethene	6		U
75-01-4-----	Vinyl chloride	12		U
1330-20-7-----	Total Xylenes	18		U

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-002/6-8

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798803

Sample wt/vol: 5.16 (g/mL) G Lab File ID: F3078.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: not dec. 18.2 Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

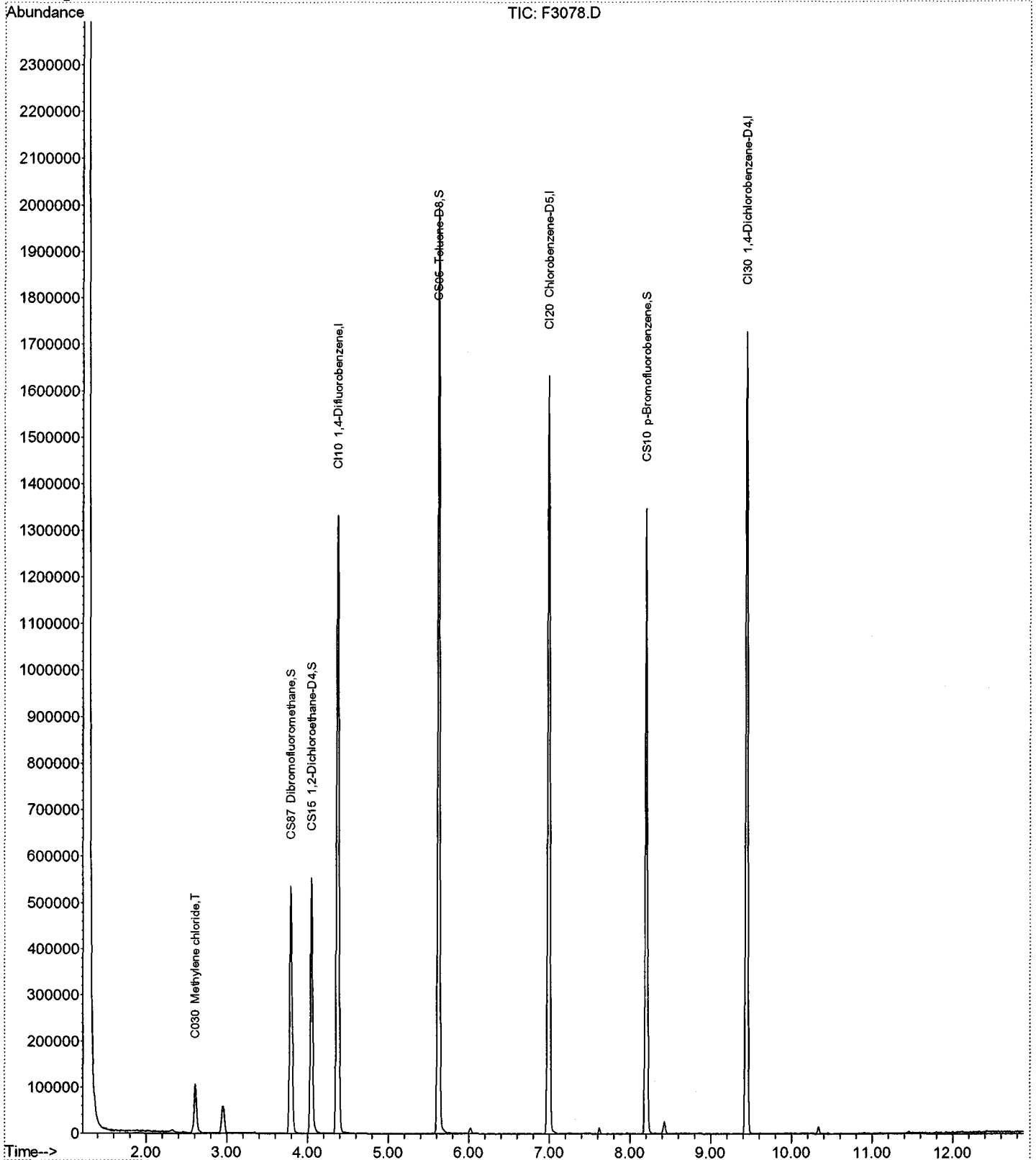
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Acq On : 4 Jul 2008 4:16
Sample : A8798803
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 7 8:29 2008

5.16

Vial: 42
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration



Data File : H:\GCMS_VOA\F\070308\F3078.D
Acq On : 4 Jul 2008 4:16
Sample : A8798803
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 07 08:30:02 2008

Vial: 42
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\070308\F3062.D (3 Jul 2008 20:57)

Handwritten notes: NO TIC, STE 7/7/08 LA

Table with 7 columns: Internal Standards, R.T., QIon, Response, Conc Units, Dev (Min), Rcv (Ar). Rows include CI10, CI20, CI30 with various chemical names and values.

System Monitoring Compounds

Table with 7 columns: Compound ID, Name, R.T., QIon, Response, Conc Units, Dev (Min). Includes spiked amounts and recovery percentages for various compounds.

Target Compounds

Table with 7 columns: Compound ID, Name, R.T., QIon, Response, Conc Units, Dev (Min), Qvalue. Lists various target compounds and their detection results.

Handwritten signature or initials in the bottom right corner.

(#) = qualifier out of range (m) = manual integration

Data File : H:\GCMS_VOA\F\070308\F3078.D
 Acq On : 4 Jul 2008 4:16
 Sample : A8798803
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:30:02 2008

Vial: 42
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

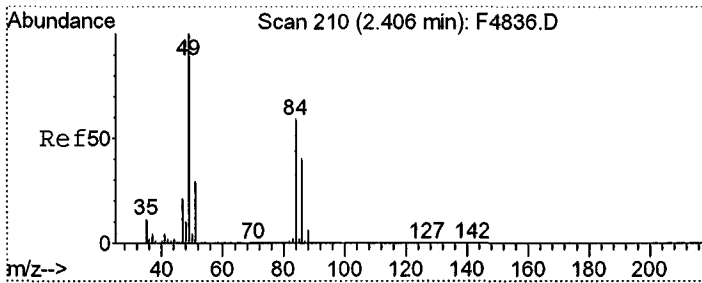
Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

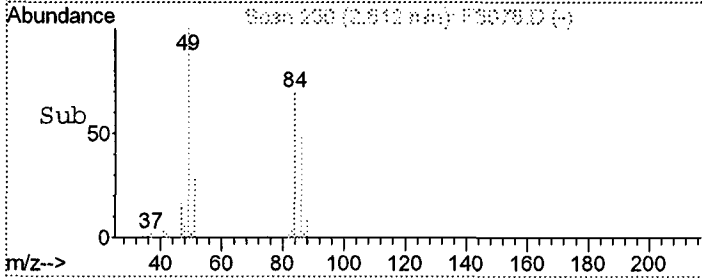
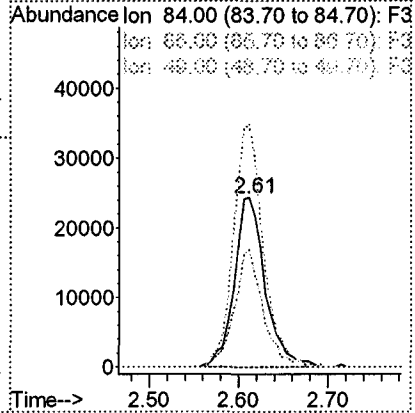
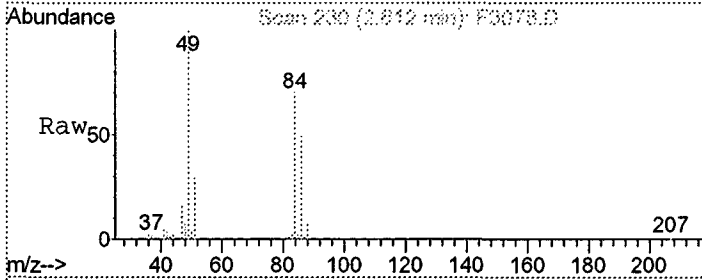
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	2406		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	3.46	43	683		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	0.00	83	0		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.68	92	917		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.62	43	5977		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	0.00	43	0		N.D.	
55) C235 Chlorobenzene	0.00	112	0		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.24	91	1170		N.D.	
58) C246 m,p-Xylene	7.25	106	320		N.D.	
59) C247 o-Xylene	0.00	106	0		N.D.	
60) C245 Styrene	0.00	104	0		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	0.00	105	0		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	0.00	53	0		N.D.	
69) C302 n-Propylbenzene	0.00	91	0		N.D.	
70) C303 O 2-Chlorotoluene	0.00	126	0		N.D.	
71) C289 P 4-Chlorotoluene	0.00	126	0		N.D.	
72) C304 1,3,5-Trimethylbenze	0.00	105	0		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.08	105	590		N.D.	
75) C308 sec-Butylbenzene	9.08	105	590		N.D.	
76) C260 1,3-Dichlorobenzene	9.47	146	579		N.D.	
77) C309 p-Cymene (4-Isopropy	0.00	119	0		N.D.	
78) C267 1,4-Dichlorobenzene	9.47	146	579		N.D.	
79) C249 1,2-Dichlorobenzene	0.00	146	0		N.D.	
80) C310 n-Butylbenzene	0.00	91	0		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.33	75	458		N.D.	
82) C313 1,2,4-Trichlorobenze	0.00	180	0		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	11.45	128	3876		N.D.	
85) C934 1,2,3-Trichlorobenze	0.00	180	0		N.D.	

(#)=qualifier out of range (m)=manual integration



#10
 C030 Methylene chloride
 Concen: 16.22 ng
 RT: 2.61 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: F3078.D
 Acq: 4 Jul 2008 4:16

Tgt Ion:	84	Resp:	58501
Ion Ratio	Lower	Upper	
84	100		
86	69.7	40.0	100.0
49	142.7	95.0	155.0



Operator ID: JLG Date Acquired: 4 Jul 2008 4:16
Data File: H:\GCMS_VOA\F\070308\F3078.D
Name: A8798803
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 5.17 (g/mL) G Lab File ID: F3079.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: not dec. 16 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1	Acetone	59		B
71-43-2	Benzene	6		U
75-27-4	Bromodichloromethane	6		U
75-25-2	Bromoform	6		U
74-83-9	Bromomethane	6		U
78-93-3	2-Butanone	29		U
75-15-0	Carbon Disulfide	6		U
56-23-5	Carbon Tetrachloride	6		U
108-90-7	Chlorobenzene	6		U
75-00-3	Chloroethane	6		U
67-66-3	Chloroform	6		U
74-87-3	Chloromethane	6		U
110-82-7	Cyclohexane	6		U
106-93-4	1,2-Dibromoethane	6		U
124-48-1	Dibromochloromethane	6		U
96-12-8	1,2-Dibromo-3-chloropropane	6		U
95-50-1	1,2-Dichlorobenzene	6		U
541-73-1	1,3-Dichlorobenzene	6		U
106-46-7	1,4-Dichlorobenzene	6		U
75-71-8	Dichlorodifluoromethane	6		U
75-34-3	1,1-Dichloroethane	6		U
107-06-2	1,2-Dichloroethane	6		U
75-35-4	1,1-Dichloroethene	6		U
156-59-2	cis-1,2-Dichloroethene	6		U
156-60-5	trans-1,2-Dichloroethene	6		U
78-87-5	1,2-Dichloropropane	6		U
10061-01-5	cis-1,3-Dichloropropene	6		U
10061-02-6	trans-1,3-Dichloropropene	6		U
100-41-4	Ethylbenzene	6		U
591-78-6	2-Hexanone	29		U
98-82-8	Isopropylbenzene	6		U
79-20-9	Methyl acetate	6		U
108-87-2	Methylcyclohexane	6		U
75-09-2	Methylene chloride	4		BJ

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 5.17 (g/mL) G Lab File ID: F3079.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: not dec. 16 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-10-1-----	4-Methyl-2-pentanone	29		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6		U
100-42-5-----	Styrene	6		U
79-34-5-----	1,1,2,2-Tetrachloroethane	6		U
127-18-4-----	Tetrachloroethene	6		U
108-88-3-----	Toluene	6		U
120-82-1-----	1,2,4-Trichlorobenzene	6		U
71-55-6-----	1,1,1-Trichloroethane	6		U
79-00-5-----	1,1,2-Trichloroethane	6		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6		U
75-69-4-----	Trichlorofluoromethane	6		U
79-01-6-----	Trichloroethene	6		U
75-01-4-----	Vinyl chloride	12		U
1330-20-7-----	Total Xylenes	17		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-018/4-6

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798804

Sample wt/vol: 5.17 (g/mL) G Lab File ID: F3079.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: not dec. 16.2 Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

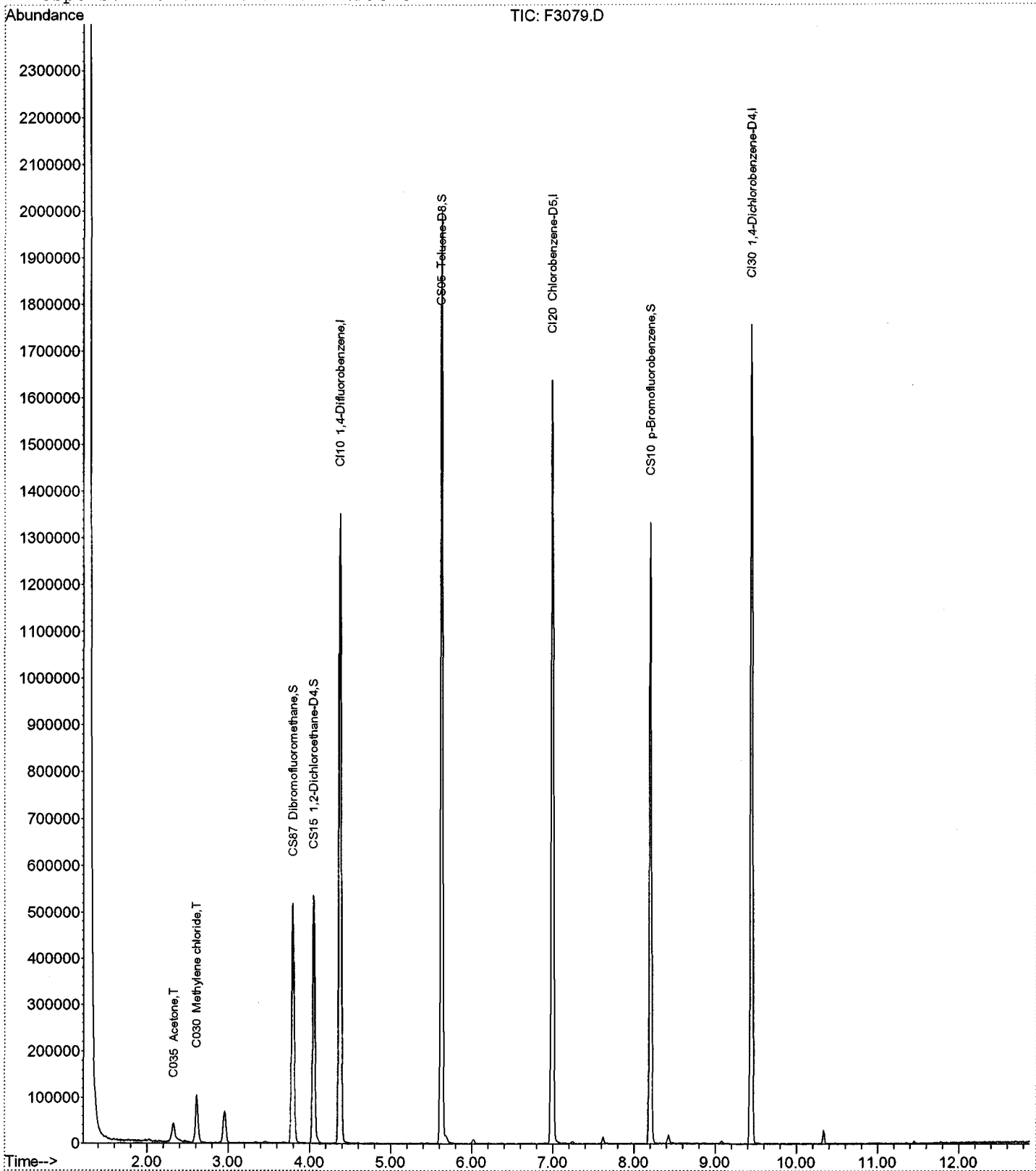
Data File : H:\GCMS_VOA\F\070308\F3079.D
Acq On : 4 Jul 2008 4:41
Sample : A8798804
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 7 8:30 2008

517

Vial: 43
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration



Data File : H:\GCMS_VOA\F\070308\F3079.D
Acq On : 4 Jul 2008 4:41
Sample : A8798804
Misc :

Vial: 43
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Jul 07 08:30:07 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA

IS QA File : H:\GCMS_VOA\F\070308\F3062.D (3 Jul 2008 20:57)

Handwritten notes: NO TIC, STE, 7/7/08, WA

Table with 7 columns: Internal Standards, R.T., QIon, Response, Conc Units, Dev(Min), Rcv(Ar). Rows include CI10 1,4-Difluorobenzene, CI20 Chlorobenzene-D5, CI30 1,4-Dichlorobenzene.

System Monitoring Compounds

Table with 7 columns: ID, Name, R.T., QIon, Response, Conc Units, Dev(Min). Includes recovery percentages for spiked amounts.

Target Compounds

Qvalue

Table with 7 columns: ID, Name, R.T., QIon, Response, Conc Units, Qvalue. Lists various target compounds like Dichlorodifluorometh, Chloromethane, Vinyl chloride, etc.

Handwritten signature or initials at the bottom right.

(#) = qualifier out of range (m) = manual integration

Data File : H:\GCMS_VOA\F\070308\F3079.D
 Acq On : 4 Jul 2008 4:41
 Sample : A8798804
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:30:07 2008

Vial: 43
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

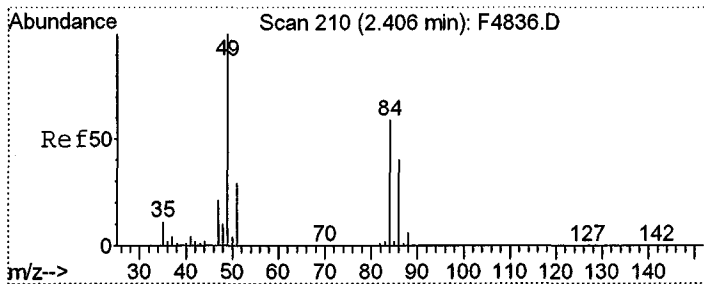
Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	3166		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	3.46	43	6058		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	0.00	83	0		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.69	92	4623		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.43	43	295		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	6.28	43	168		N.D.	
55) C235 Chlorobenzene	0.00	112	0		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.14	91	2042		N.D.	
58) C246 m,p-Xylene	7.25	106	2149		N.D.	
59) C247 o-Xylene	7.65	106	163		N.D.	
60) C245 Styrene	0.00	104	0		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	8.03	105	205		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	0.00	53	0		N.D.	
69) C302 n-Propylbenzene	8.48	91	1131		N.D.	
70) C303 O 2-Chlorotoluene	0.00	126	0		N.D.	
71) C289 P 4-Chlorotoluene	0.00	126	0		N.D.	
72) C304 1,3,5-Trimethylbenze	8.68	105	885		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.07	105	3934		N.D.	
75) C308 sec-Butylbenzene	9.26	105	135		N.D.	
76) C260 1,3-Dichlorobenzene	9.46	146	966		N.D.	
77) C309 p-Cymene (4-Isopropy	9.41	119	218		N.D.	
78) C267 1,4-Dichlorobenzene	9.46	146	966		N.D.	
79) C249 1,2-Dichlorobenzene	0.00	146	0		N.D.	
80) C310 n-Butylbenzene	0.00	91	0		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.33	75	976		N.D.	
82) C313 1,2,4-Trichlorobenze	0.00	180	0		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	11.44	128	4548		N.D.	
85) C934 1,2,3-Trichlorobenze	0.00	180	0		N.D.	

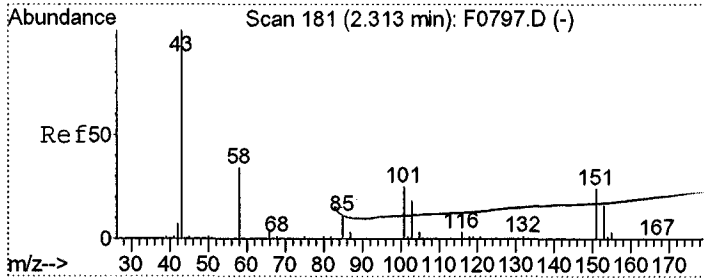
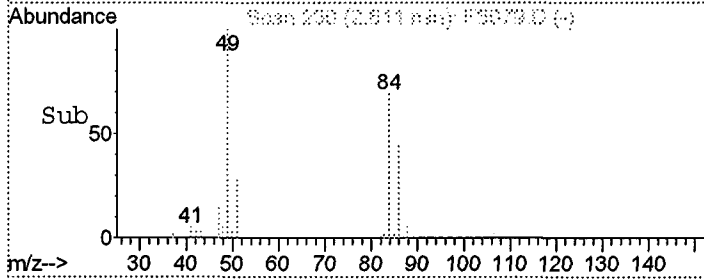
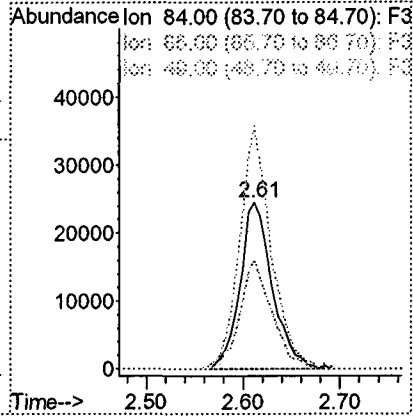
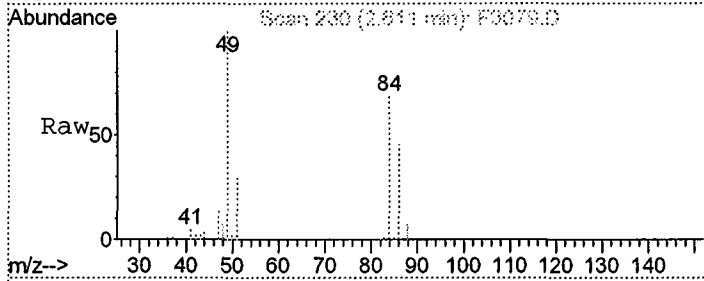
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mjs



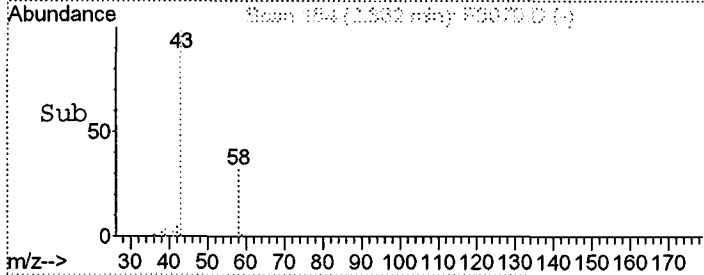
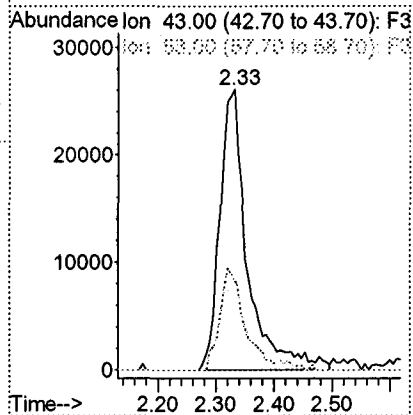
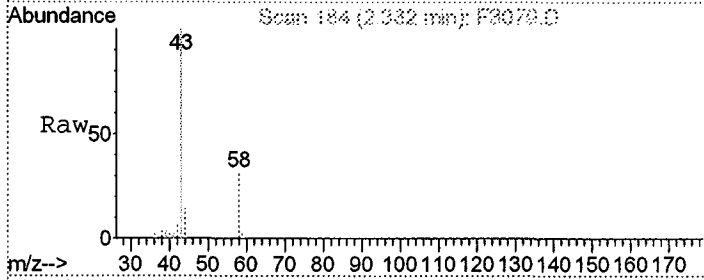
#10
 C030 Methylene chloride
 Concen: 15.22 ng
 RT: 2.61 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: F3079.D
 Acq: 4 Jul 2008 4:41

Tgt Ion	Resp	Lower	Upper
84	56948		
84	100		
86	65.7	40.0	100.0
49	145.2	95.0	155.0



#14
 C035 Acetone
 Concen: 257.06 ng
 RT: 2.33 min Scan# 184
 Delta R.T. 0.02 min
 Lab File: F3079.D
 Acq: 4 Jul 2008 4:41

Tgt Ion	Resp	Lower	Upper
43	86248		
43	100		
58	32.4	3.0	63.0



Operator ID: JLG Date Acquired: 4 Jul 2008 4:41
Data File: H:\GCMS_VOA\F\070308\F3079.D
Name: A8798804
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	|--Internal Standard--|			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 5.30 (g/mL) G Lab File ID: F2987.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: not dec. 22 Heated Purge: Y Date Analyzed: 06/27/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
67-64-1-----	Acetone		240	
71-43-2-----	Benzene		2	J
75-27-4-----	Bromodichloromethane		6	U
75-25-2-----	Bromoform		6	U
74-83-9-----	Bromomethane		6	U
78-93-3-----	2-Butanone		52	
75-15-0-----	Carbon Disulfide		3	J
56-23-5-----	Carbon Tetrachloride		6	U
108-90-7-----	Chlorobenzene		6	U
75-00-3-----	Chloroethane		6	U
67-66-3-----	Chloroform		6	U
74-87-3-----	Chloromethane		6	U
110-82-7-----	Cyclohexane		8	
106-93-4-----	1,2-Dibromoethane		6	U
124-48-1-----	Dibromochloromethane		6	U
96-12-8-----	1,2-Dibromo-3-chloropropane		6	U
95-50-1-----	1,2-Dichlorobenzene		6	U
541-73-1-----	1,3-Dichlorobenzene		6	U
106-46-7-----	1,4-Dichlorobenzene		6	U
75-71-8-----	Dichlorodifluoromethane		6	U
75-34-3-----	1,1-Dichloroethane		6	U
107-06-2-----	1,2-Dichloroethane		6	U
75-35-4-----	1,1-Dichloroethene		6	U
156-59-2-----	cis-1,2-Dichloroethene		6	U
156-60-5-----	trans-1,2-Dichloroethene		6	U
78-87-5-----	1,2-Dichloropropane		6	U
10061-01-5----	cis-1,3-Dichloropropene		6	U
10061-02-6----	trans-1,3-Dichloropropene		6	U
100-41-4-----	Ethylbenzene		19	
591-78-6-----	2-Hexanone		30	U
98-82-8-----	Isopropylbenzene		2	J
79-20-9-----	Methyl acetate		6	U
108-87-2-----	Methylcyclohexane		50	
75-09-2-----	Methylene chloride		10	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 5.30 (g/mL) G Lab File ID: F2987.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: not dec. 22 Heated Purge: Y Date Analyzed: 06/27/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
108-10-1-----	4-Methyl-2-pentanone	30		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6		U
100-42-5-----	Styrene	6		U
79-34-5-----	1,1,2,2-Tetrachloroethane	6		U
127-18-4-----	Tetrachloroethene	6		U
108-88-3-----	Toluene	26		
120-82-1-----	1,2,4-Trichlorobenzene	6		U
71-55-6-----	1,1,1-Trichloroethane	6		U
79-00-5-----	1,1,2-Trichloroethane	6		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6		U
75-69-4-----	Trichlorofluoromethane	6		U
79-01-6-----	Trichloroethene	6		U
75-01-4-----	Vinyl chloride	12		U
1330-20-7-----	Total Xylenes	100		

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 5.30 (g/mL) G Lab File ID: F2987.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: not dec. 22.2 Date Analyzed: 06/27/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 142-82-5	HEPTANE	4.27	32	JN
2. 592-27-8	HEPTANE, 2-METHYL-	5.25	36	JN
3. 111-65-9	N-OCTANE	5.77	40	JN
4.	UNKNOWN ALKANE	6.02	23	J
5.	UNKNOWN	6.75	22	J
6.	UNKNOWN	6.90	18	J
7.	UNKNOWN	8.35	42	J
8.	UNKNOWN BENZENE DERIVATIVE	8.57	42	J
9.	UNKNOWN	9.24	19	J
10.	UNKNOWN	9.67	19	J

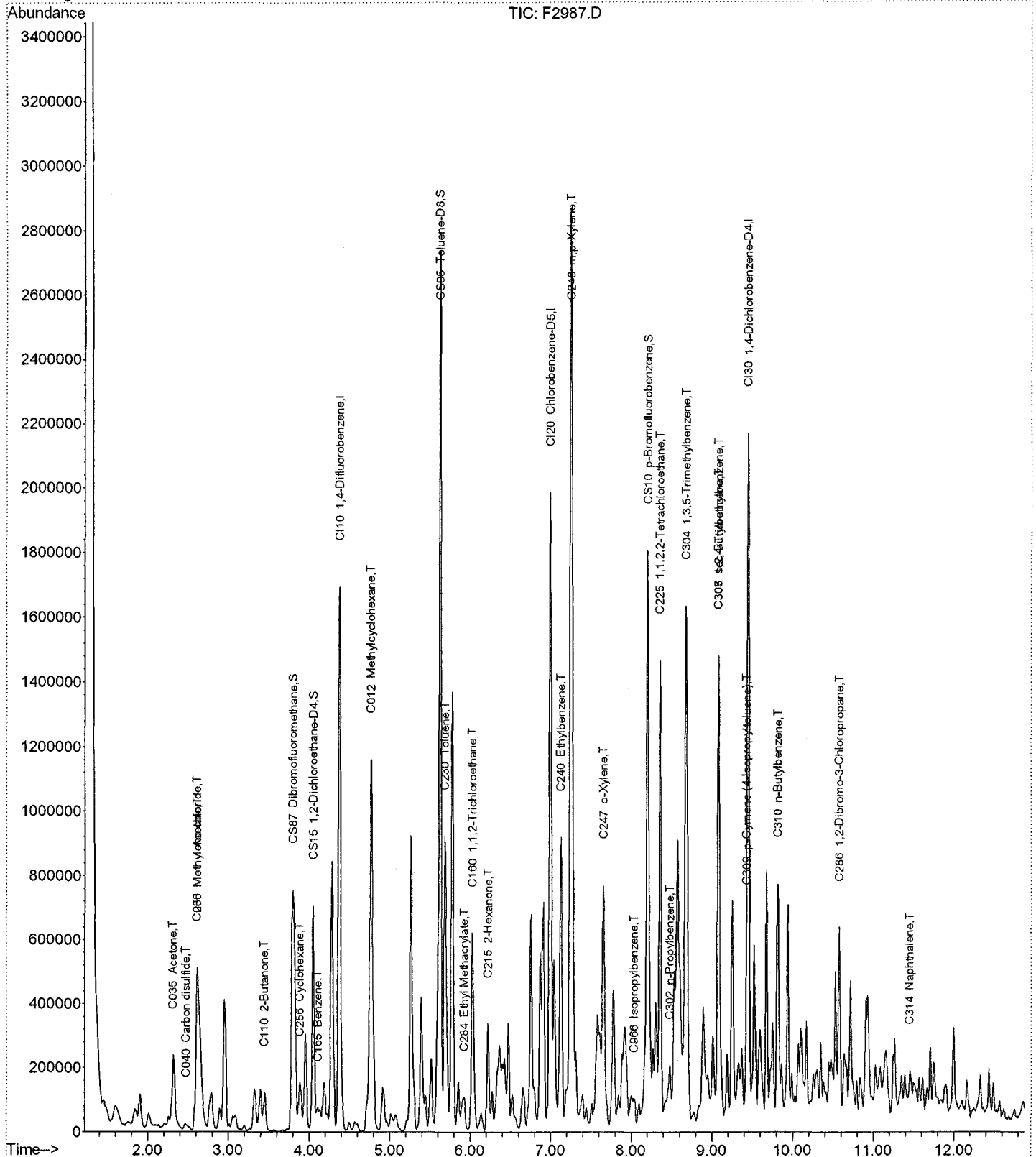
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Data File : H:\GCMS_VOA\F\062708\F2987.D
Acq On : 27 Jun 2008 22:42
Sample : A8759501
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 30 16:49 2008

Vial: 25
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Jun 27 21:10:07 2008
Response via : Initial Calibration



+ TIC

Data File : H:\GCMS_VOA\F\062708\F2987.D
Acq On : 27 Jun 2008 22:42
Sample : A8759501
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 30 16:49:04 2008

Vial: 25
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Jun 27 21:10:07 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\062708\F2983.D (27 Jun 2008 20:24)

5-16
2006/30/08

Table with 7 columns: Internal Standards, R.T., QIon, Response, Conc, Units, Dev(Min) Rcv(Ar). Rows include CI10, CI20, CI30.

System Monitoring Compounds

Table with 7 columns: ID, Name, R.T., QIon, Response, Conc, Units, Dev(Min) Rcv(Ar). Rows include CS87, CS15, CS05, CS10.

Target Compounds

Table with 7 columns: ID, Name, R.T., QIon, Response, Conc, Units, Dev(Min) Rcv(Ar), Qvalue. Rows include C290, C010, C020, C015, C025, C275, C291, C045, C030, C040, C036, C038, C035, C300, C276, C255, C962, C057, C050, C125, C051, C056, C272, C222, C060, C256, C115, C120, C116.

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Data File : H:\GCMS_VOA\F\062708\F2987.D
 Acq On : 27 Jun 2008 22:42
 Sample : A8759501
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 30 16:49:04 2008

Vial: 25
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

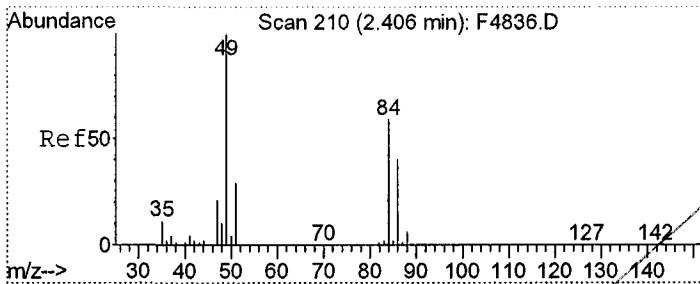
Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Fri Jun 27 21:10:07 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	49866	8.78	ng	97
34) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
35) C110 2-Butanone	3.44	43	167454	215.26	ng	87
36) C150 Trichloroethene	0.00	95	0	N.D.		
37) C161 2-Chloroethylvinyl E	0.00	63	0	N.D.		
38) C012 Methylcyclohexane	4.77	83	517973	206.32	ng	82
39) C140 1,2-Dichloropropane	0.00	63	0	N.D.		
40) C278 Dibromomethane	0.00	93	0	N.D.		
41) C130 Bromodichloromethane	0.00	83	0	N.D.		
42) C145 cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45) C230 Toluene	5.68	92	376678	108.72	ng	93
46) C170 trans-1,3-Dichloropr	5.79	75	5897	N.D.		
47) C284 Ethyl Methacrylate	5.93	69	11594	6.12	ng #	1
48) C160 1,1,2-Trichloroethan	6.03	83	22687	22.85	ng #	1
49) C210 4-Methyl-2-pentanone	5.50	43	31208	N.D.		
50) C220 Tetrachloroethene	0.00	166	0	N.D.		
51) C221 1,3-Dichloropropane	6.06	76	1247	N.D.		
52) C155 Dibromochloromethane	0.00	129	0	N.D.		
53) C163 1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215 2-Hexanone	6.22	43	193101	175.34	ng #	27
55) C235 Chlorobenzene	7.02	112	598	N.D.		
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57) C240 Ethylbenzene	7.13	91	483345	78.56	ng	98
58) C246 m,p-Xylene	7.24	106	803274	346.79	ng	93
59) C247 o-Xylene	7.65	106	191836	82.75	ng #	77
60) C245 Styrene	7.65	104	9485	N.D.		
61) C180 Bromoform	0.00	173	0	N.D.		
64) C966 Isopropylbenzene	8.04	105	50345	9.46	ng	97
65) C301 Bromobenzene	0.00	156	0	N.D.		
66) C225 1,1,2,2-Tetrachloroe	8.35	83	13848	9.24	ng #	1
67) C282 1,2,3-Trichloropropa	8.43	110	924	N.D.		
68) C283 t-1,4-Dichloro-2-But	8.41	53	1873	N.D.		
69) C302 n-Propylbenzene	8.48	91	132191	19.21	ng	97
70) C303 O 2-Chlorotoluene	8.58	126	1131	N.D.		
71) C289 P 4-Chlorotoluene	8.68	126	1183	N.D.		
72) C304 1,3,5-Trimethylbenze	8.67	105	570837	126.96	ng	84
73) C306 tert-Butylbenzene	0.00	134	0	N.D.		
74) C307 1,2,4-Trimethylbenze	9.08	105	761120	163.50	ng	93
75) C308 sec-Butylbenzene	9.08	105	761120	135.92	ng	51
76) C260 1,3-Dichlorobenzene	9.38	146	1306	N.D.		
77) C309 p-Cymene (4-Isopropy	9.42	119	30394	6.13	ng	93
78) C267 1,4-Dichlorobenzene	9.46	146	2476	N.D.		
79) C249 1,2-Dichlorobenzene	9.84	146	449	N.D.		
80) C310 n-Butylbenzene	9.81	91	84454	17.35	ng #	1
81) C286 1,2-Dibromo-3-Chloro	10.57	75	4778	19.41	ng #	1
82) C313 1,2,4-Trichlorobenze	11.26	180	1366	N.D.		
83) C316 Hexachlorobutadiene	0.00	225	0	N.D.		
84) C314 Naphthalene	11.45	128	76627	15.60	ng	94
85) C934 1,2,3-Trichlorobenze	11.63	180	1075	N.D.		

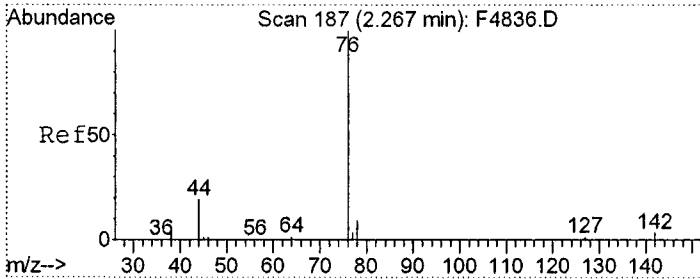
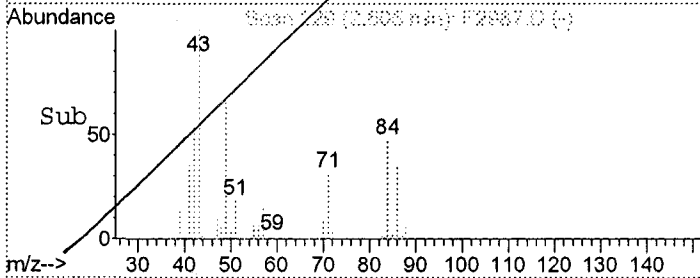
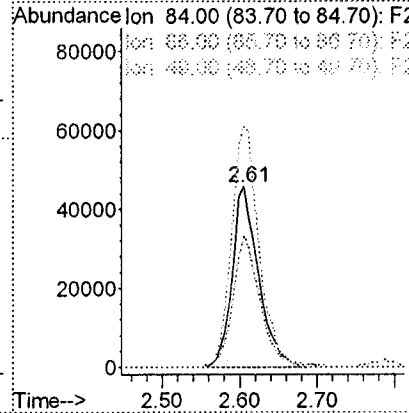
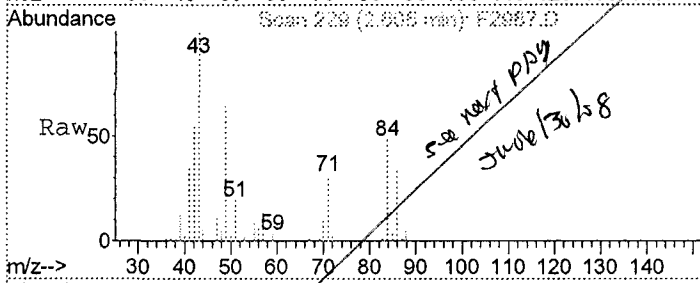
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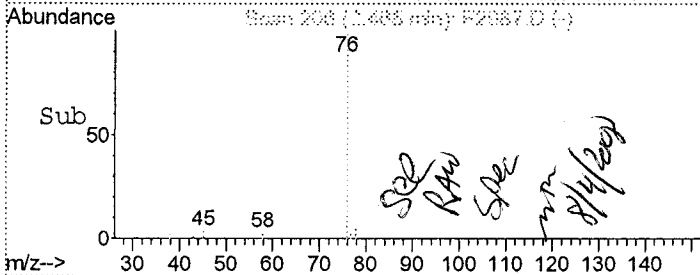
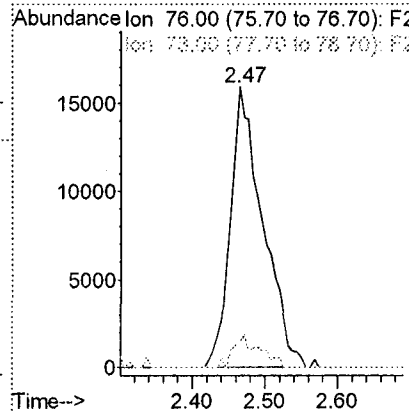
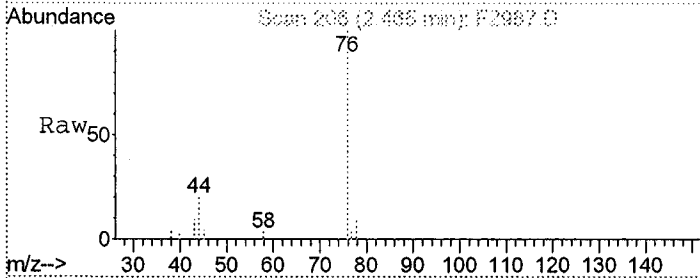
#10
 C030 Methylene chloride
 Concen: 43.35 ng
 RT: 2.61 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

Tgt Ion	Resp	Lower	Upper
84	108280		
84	100		
86	72.2	40.0	100.0
49	134.0	95.0	155.0



#11
 C040 Carbon disulfide
 Concen: 12.82 ng
 RT: 2.47 min Scan# 206
 Delta R.T. -0.01 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

Tgt Ion	Resp	Lower	Upper
76	49725		
76	100		
78	8.3	0.0	38.0

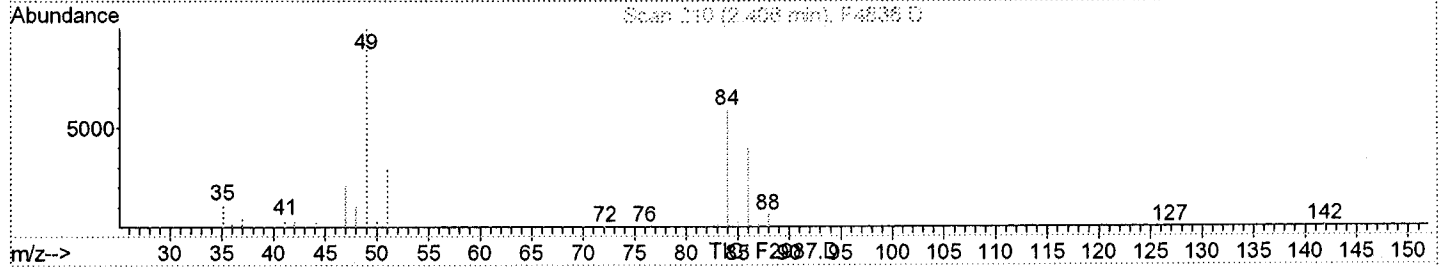
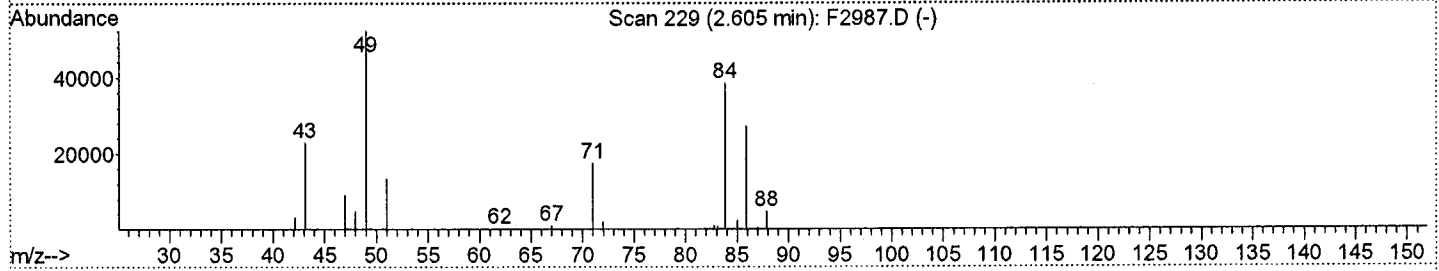
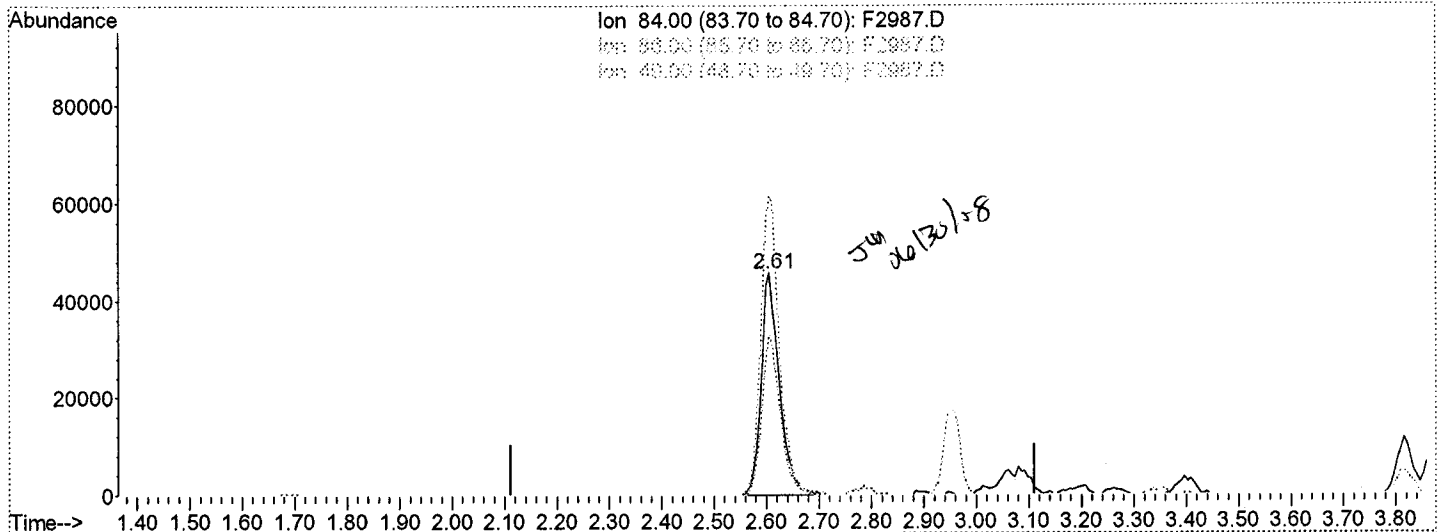


Data File : H:\GCMS_VOA\F\062708\F2987.D
Acq On : 27 Jun 2008 22:42
Sample : A8759501
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 30 16:49 2008

Vial: 25
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Jun 27 21:10:07 2008
Response via : Multiple Level Calibration

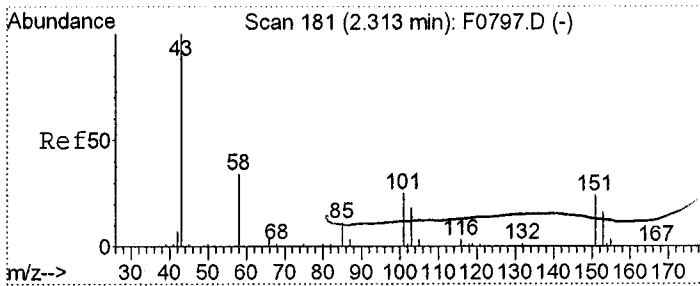


(10) C030 Methylene chloride (T)

2.61min 43.35ng

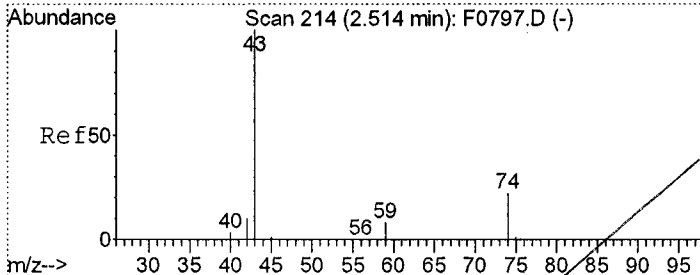
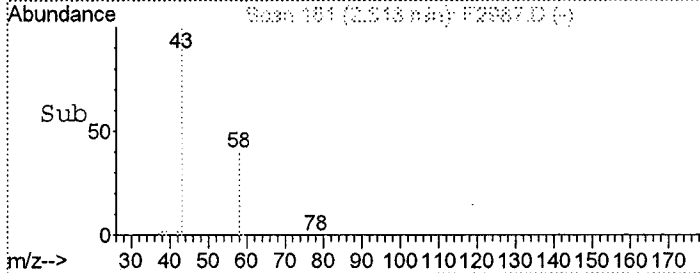
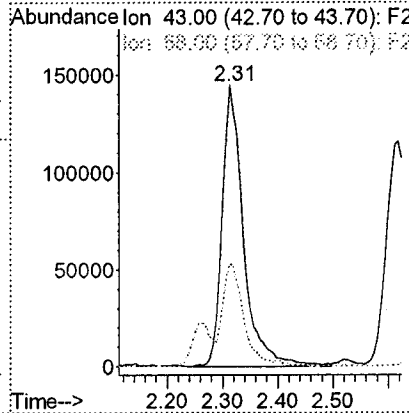
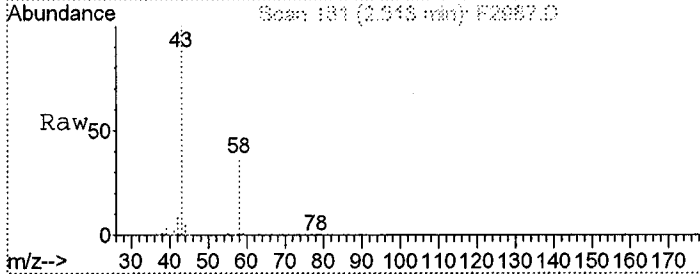
response 108280

Ion	Exp%	Act%
84.00	100	100
86.00	70.00	72.19
49.00	125.00	134.01
0.00	0.00	0.00



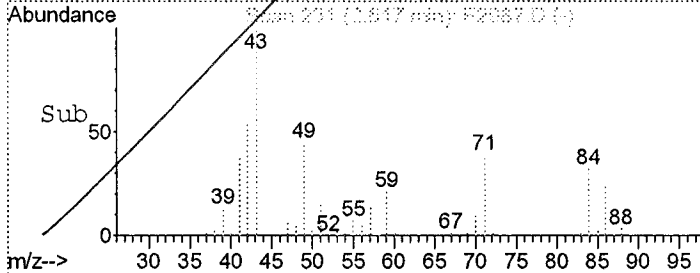
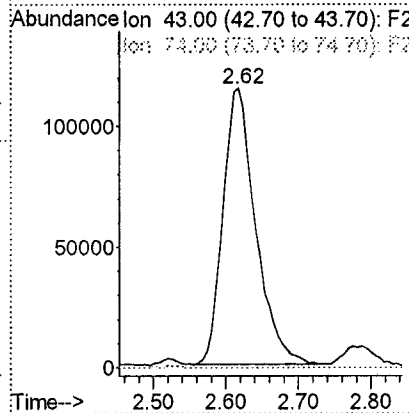
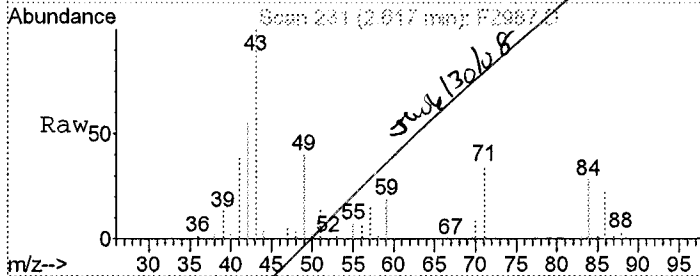
#14
 C035 Acetone
 Concen: 980.57 ng
 RT: 2.31 min Scan# 181
 Delta R.T. -0.01 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

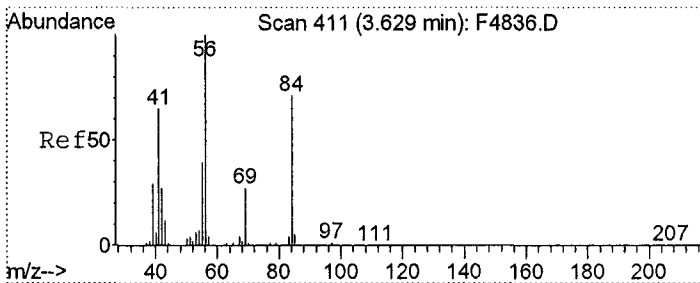
Tgt Ion	Resp	Lower	Upper
43	100		
58	37.1	3.0	63.0



#17
 C255 Methyl Acetate
 Concen: 178.12 ng
 RT: 2.62 min Scan# 231
 Delta R.T. 0.09 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

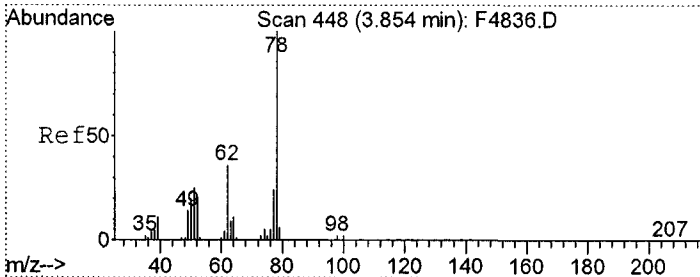
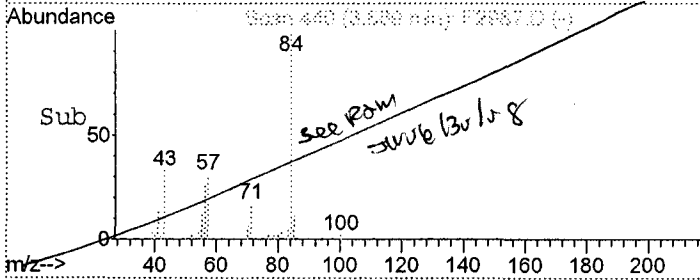
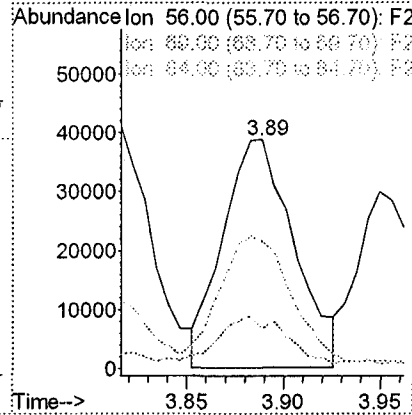
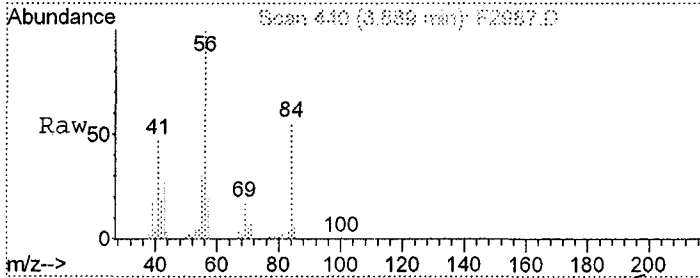
Tgt Ion	Resp	Lower	Upper
43	100		
74	0.3	18.9	28.3#





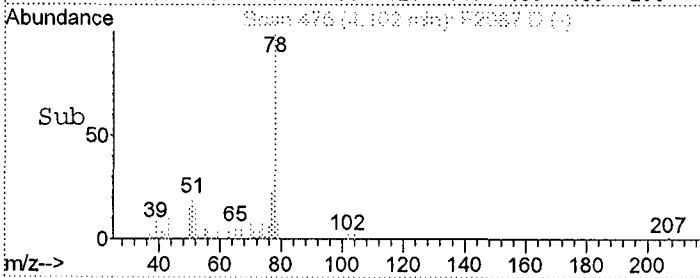
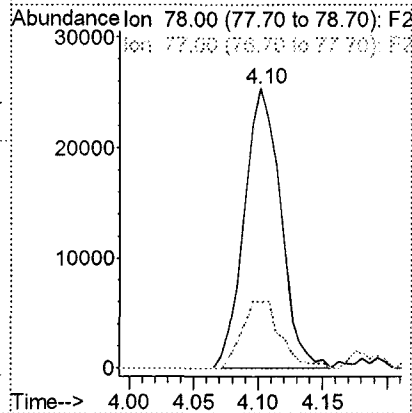
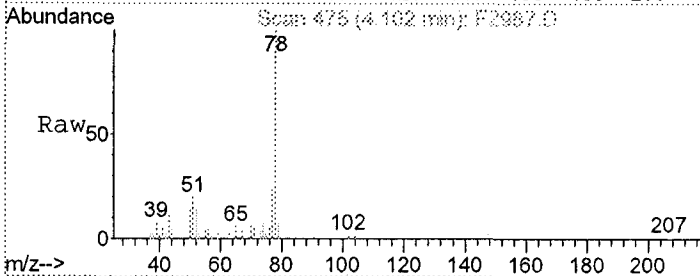
#28
 C256 Cyclohexane
 Concen: 35.15 ng
 RT: 3.89 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

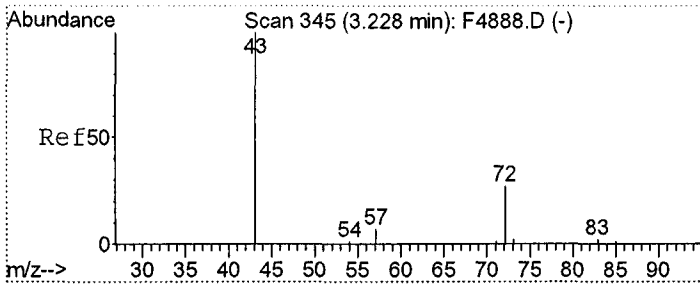
Tgt Ion	Resp	Lower	Upper
56	100		
69	23.5	0.0	0.0#
84	64.4	0.0	0.0#



#33
 C165 Benzene
 Concen: 8.78 ng
 RT: 4.10 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

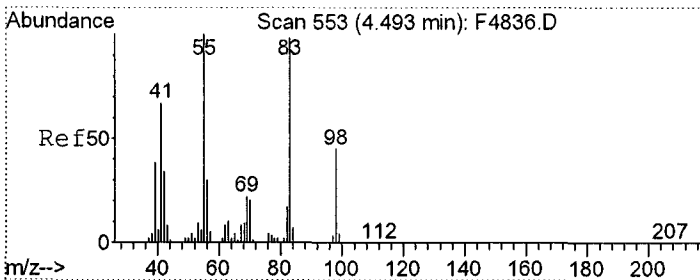
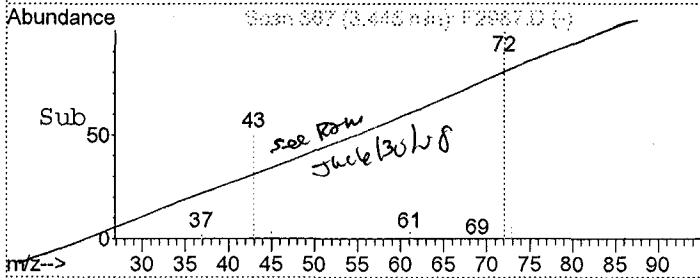
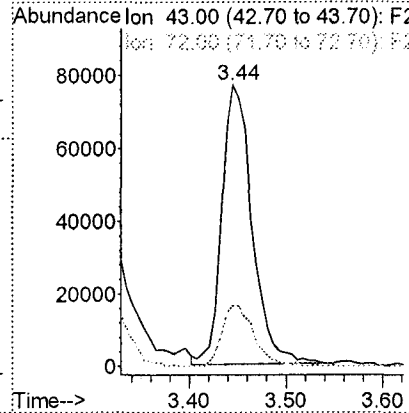
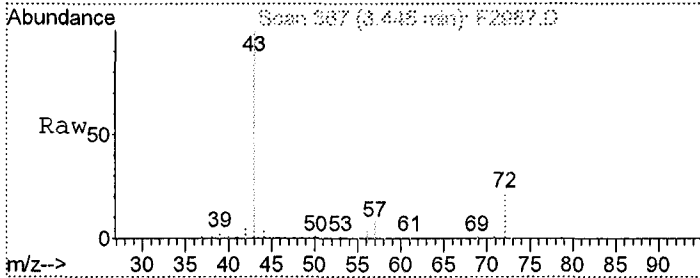
Tgt Ion	Resp	Lower	Upper
78	100		
77	23.4	0.0	52.0





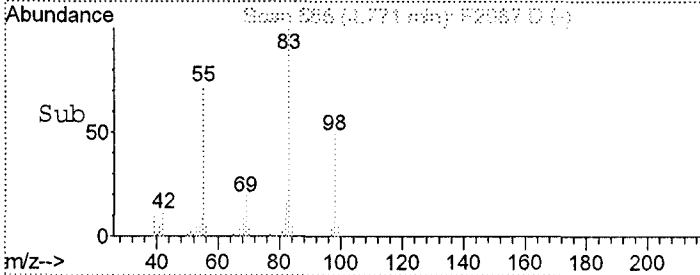
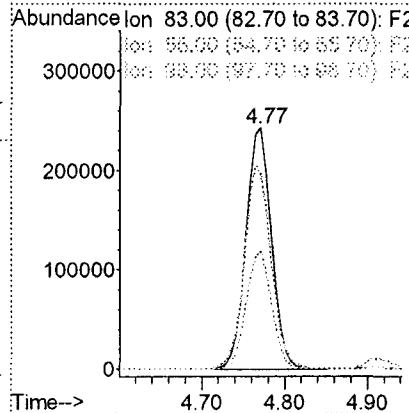
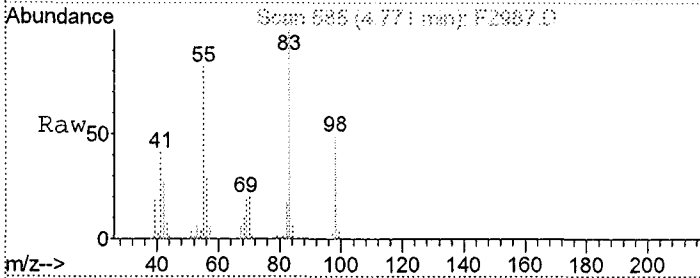
#35
 C110 2-Butanone
 Concen: 215.26 ng
 RT: 3.44 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

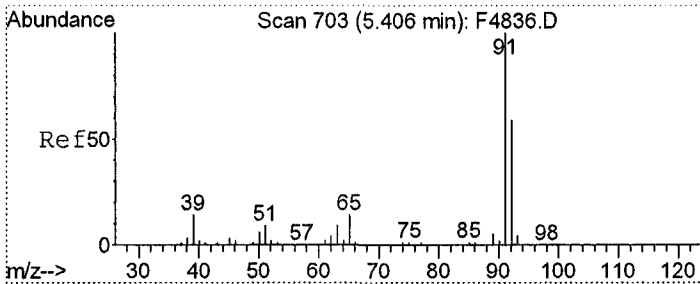
Tgt Ion	Resp	Lower	Upper
43	100		
72	21.7	0.0	58.5



#38
 C012 Methylcyclohexane
 Concen: 206.32 ng
 RT: 4.77 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

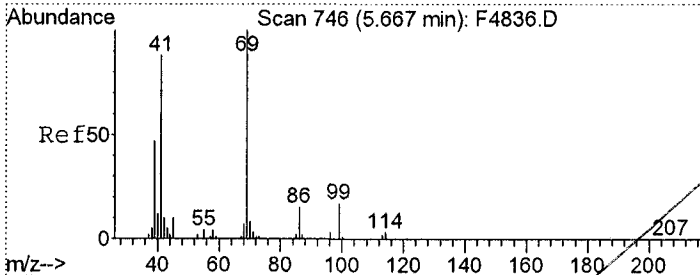
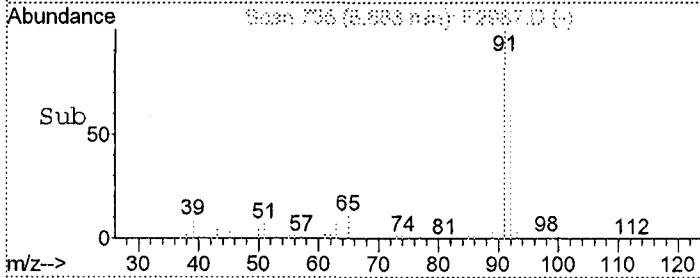
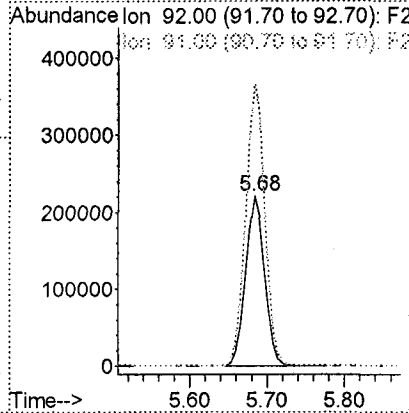
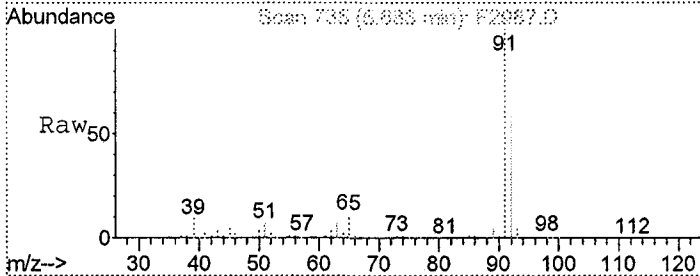
Tgt Ion	Resp	Lower	Upper
83	100		
55	81.6	45.9	85.9
98	49.1	20.2	60.2





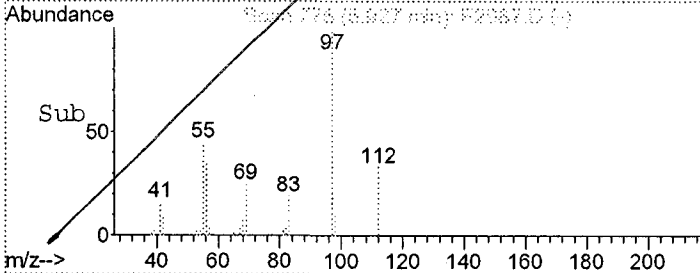
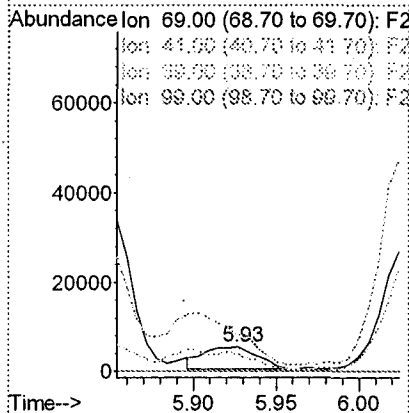
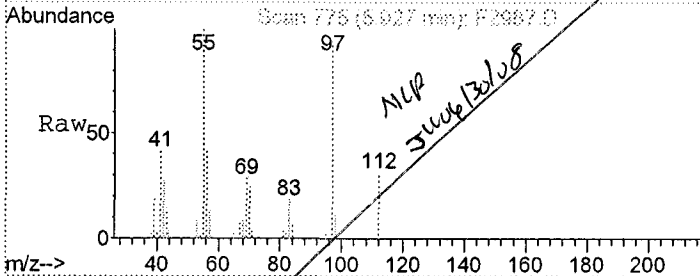
#45
 C230 Toluene
 Concen: 108.72 ng
 RT: 5.68 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

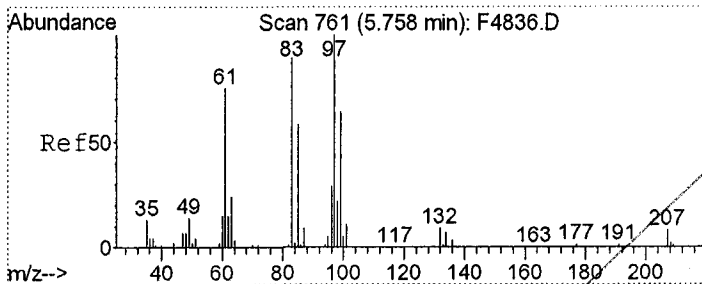
Tgt Ion	Resp	Lower	Upper
92	100		
91	165.5	126.9	186.9



#47
 C284 Ethyl Methacrylate
 Concen: 6.12 ng
 RT: 5.93 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

Tgt Ion	Resp	Lower	Upper
69	100		
41	244.0	53.9	113.9#
39	102.0	8.4	68.4#
99	0.0	0.0	50.1

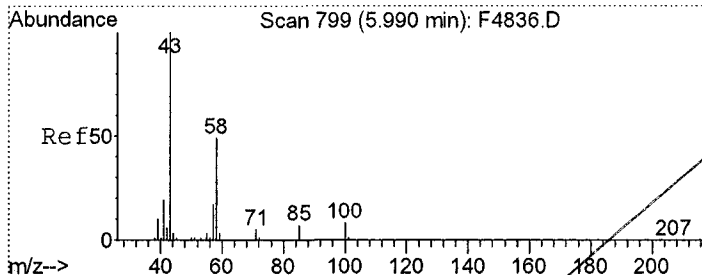
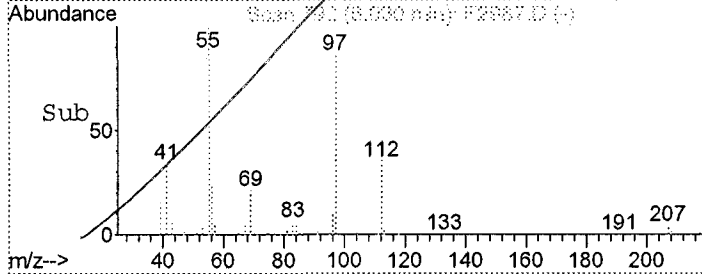
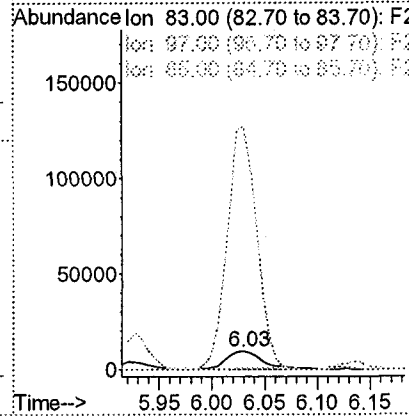
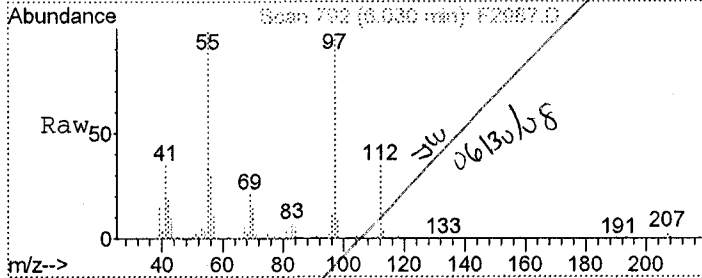




#48
 C160 1,1,2-Trichloroethane
 Concen: 22.85 ng
 RT: 6.03 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

Tgt Ion: 83 Resp: 22687

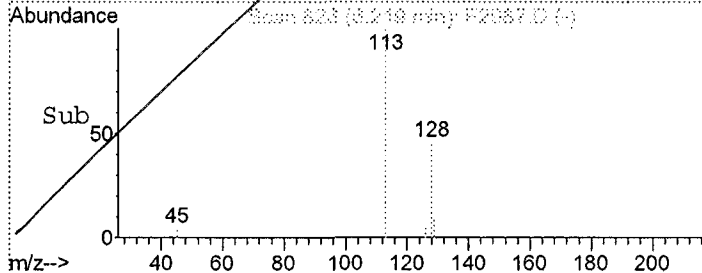
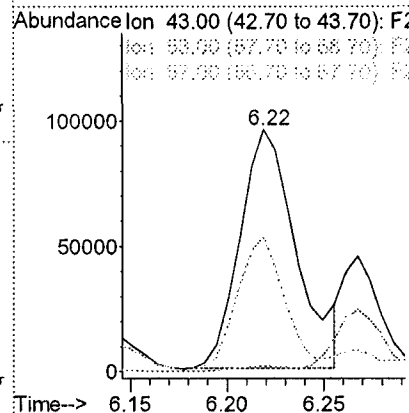
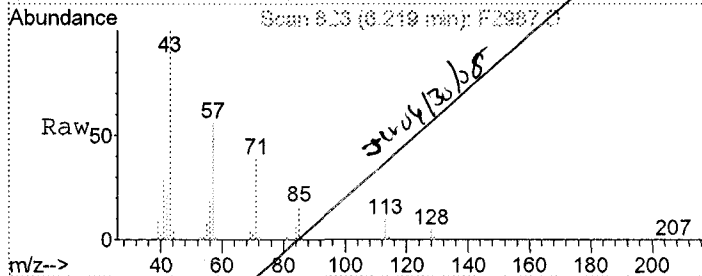
Ion	Ratio	Lower	Upper
83	100		
97	1338.9	102.8	142.8#
85	6.4	37.1	77.1#

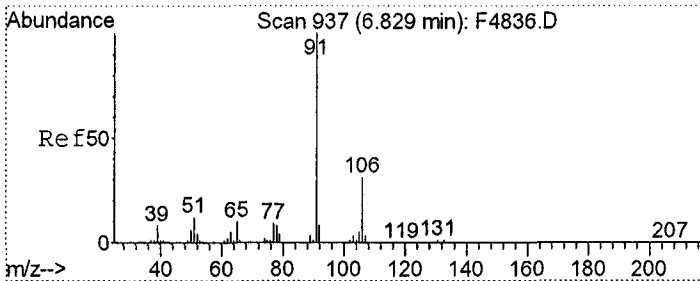


#54
 C215 2-Hexanone
 Concen: 175.34 ng
 RT: 6.22 min Scan# 823
 Delta R.T. -0.05 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

Tgt Ion: 43 Resp: 193101

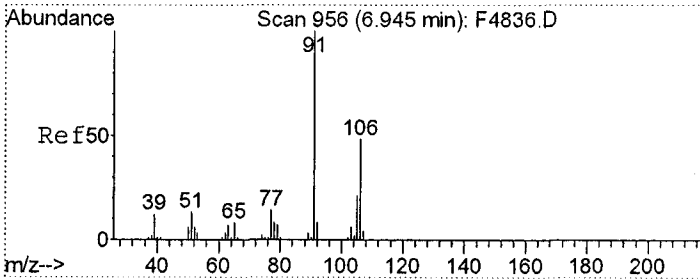
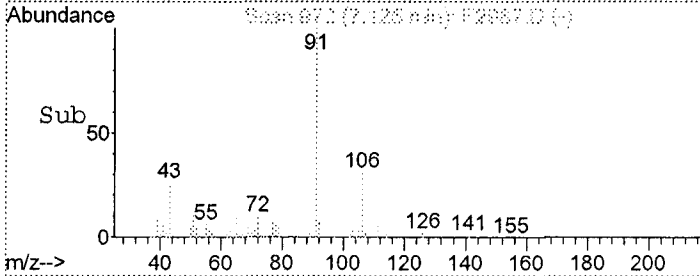
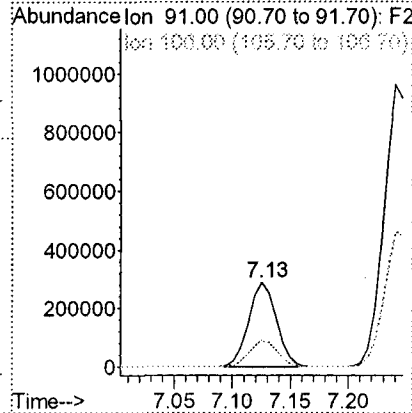
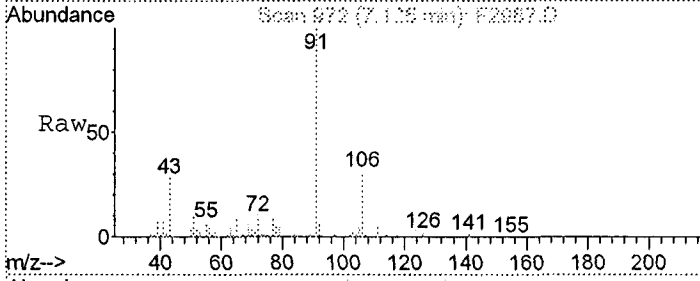
Ion	Ratio	Lower	Upper
43	100		
58	2.2	20.0	80.0#
57	56.2	0.0	48.6#





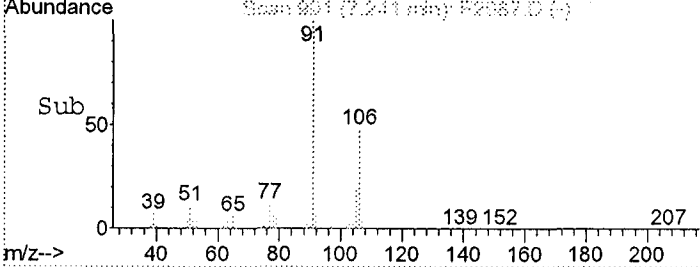
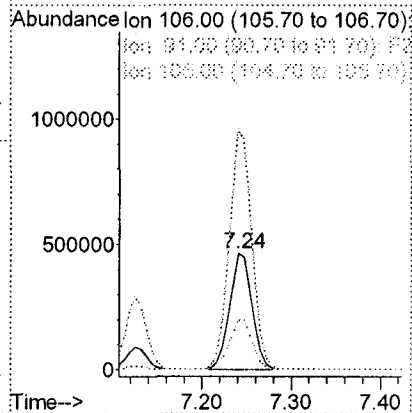
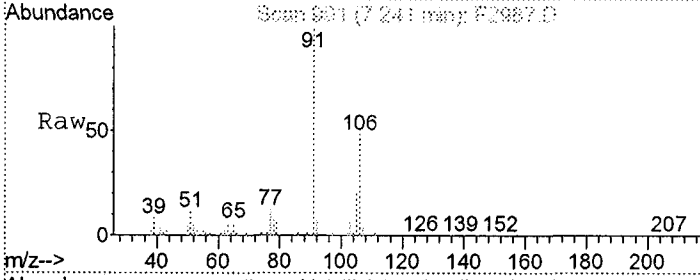
#57
 C240 Ethylbenzene
 Concen: 78.56 ng
 RT: 7.13 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

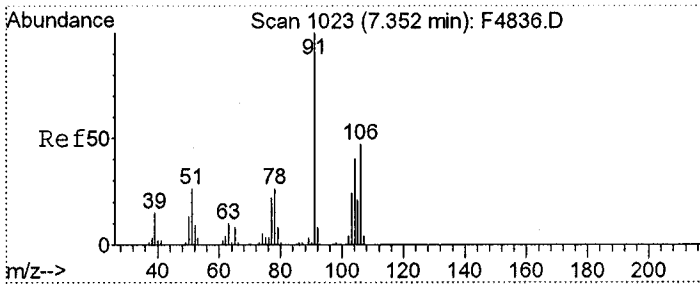
Tgt Ion	Resp	Lower	Upper
91	100		
106	31.3	0.0	60.0



#58
 C246 m,p-Xylene
 Concen: 346.79 ng
 RT: 7.24 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

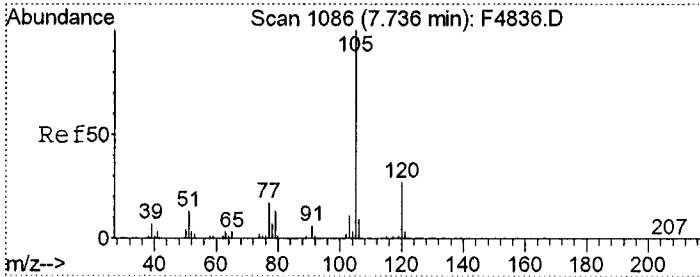
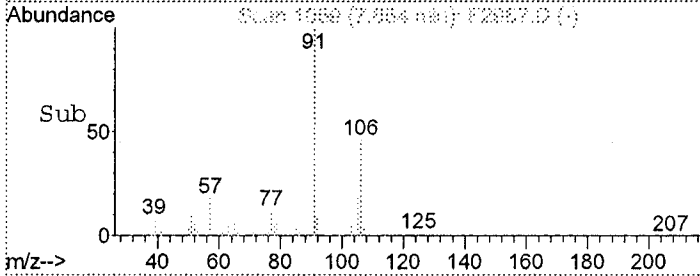
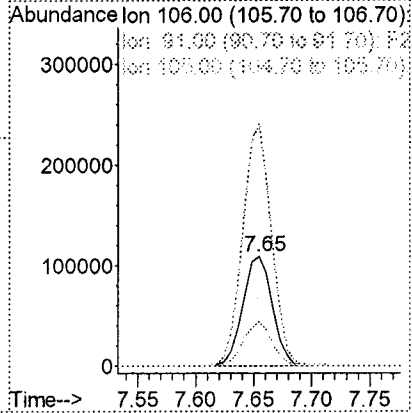
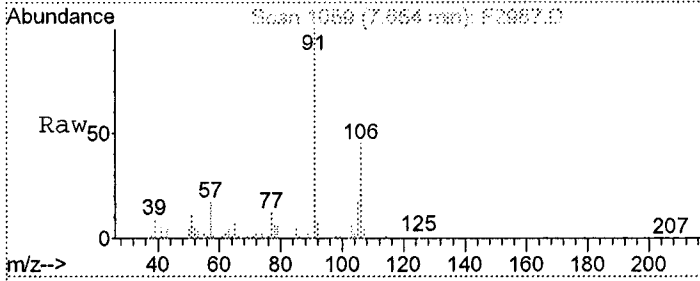
Tgt Ion	Resp	Lower	Upper
106	100		
91	206.7	164.6	224.6
105	42.1	12.6	72.6





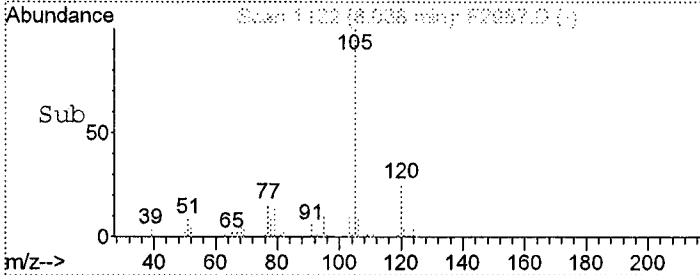
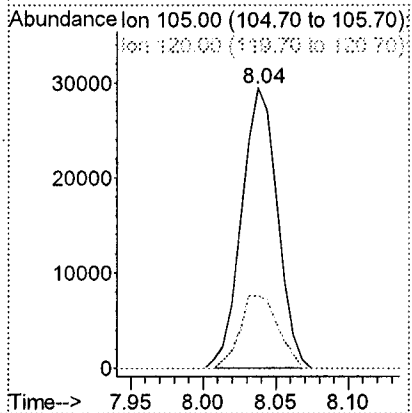
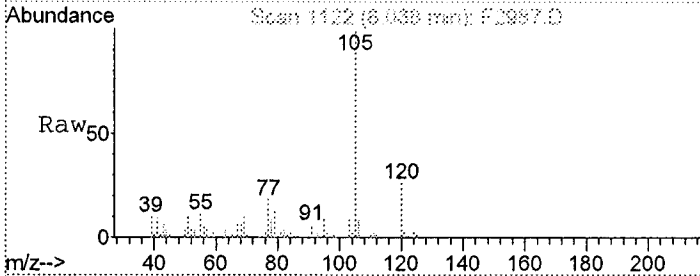
#59
 C247 o-Xylene
 Concen: 82.75 ng
 RT: 7.65 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

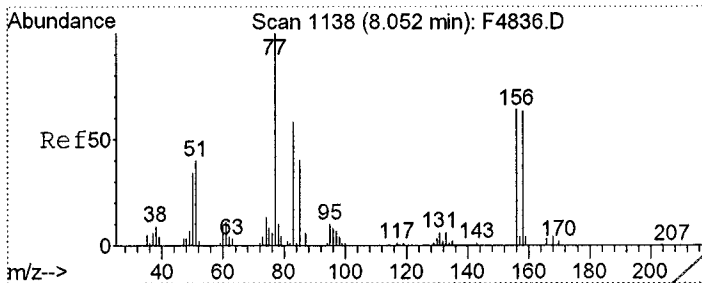
Tgt Ion	Resp	Lower	Upper
106	191836		
106	100		
91	220.1	183.0	243.0
105	40.6	73.4	133.4#



#64
 C966 Isopropylbenzene
 Concen: 9.46 ng
 RT: 8.04 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

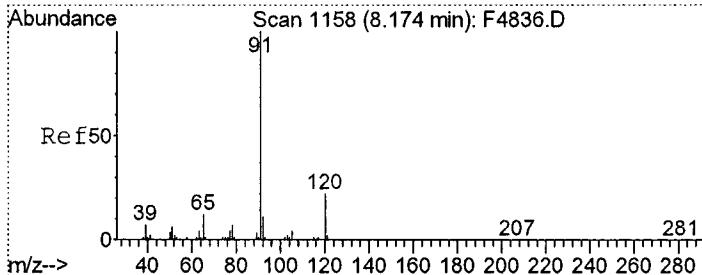
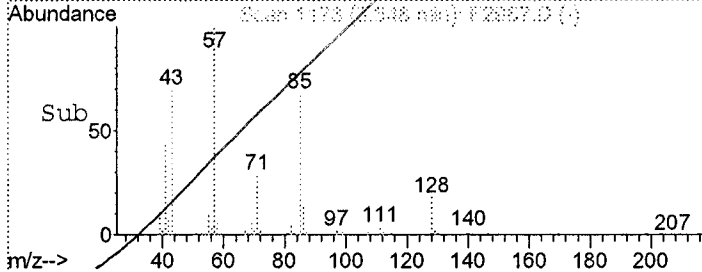
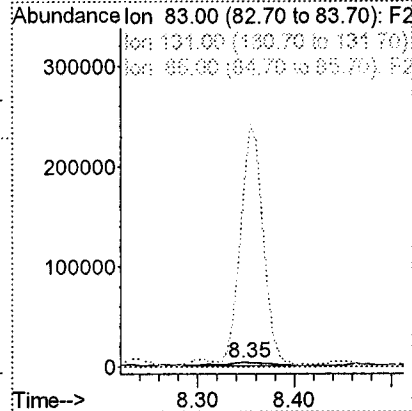
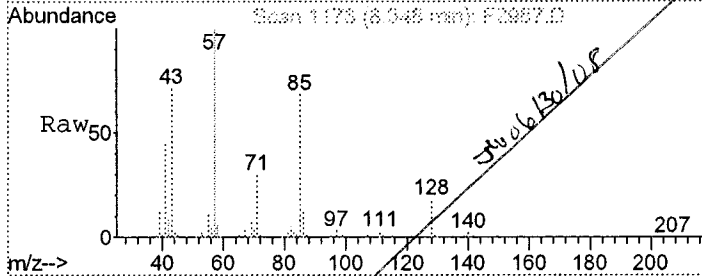
Tgt Ion	Resp	Lower	Upper
105	50345		
105	100		
120	25.8	0.0	54.4





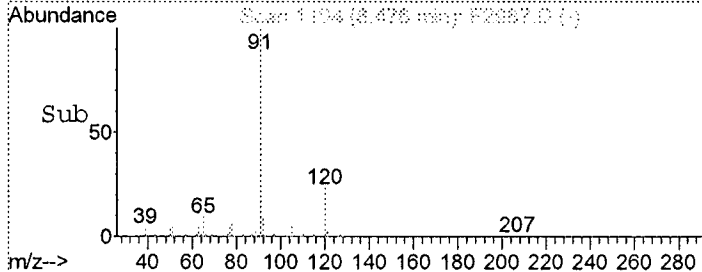
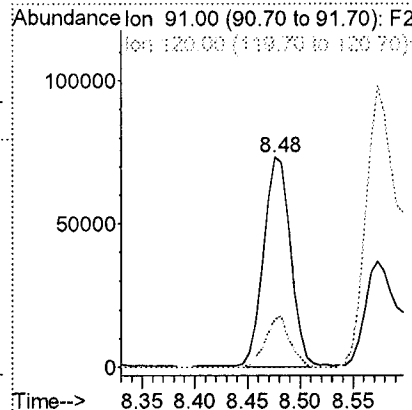
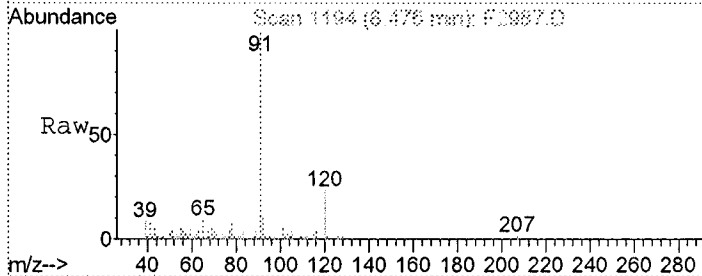
#66
 C225 1,1,2,2-Tetrachloroethane
 Concen: 9.24 ng
 RT: 8.35 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

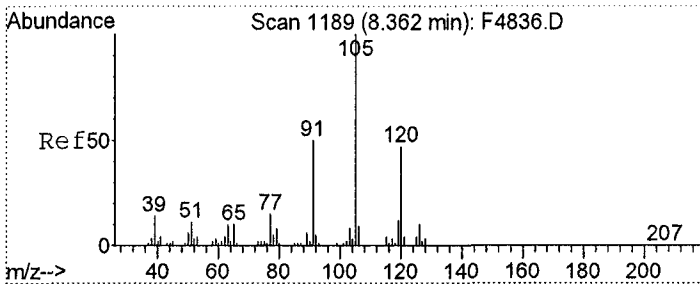
Tgt Ion:	Resp:	Lower	Upper
83	13848		
131	0.0	0.0	40.7
85	4182.5	41.0	101.0#



#69
 C302 n-Propylbenzene
 Concen: 19.21 ng
 RT: 8.48 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

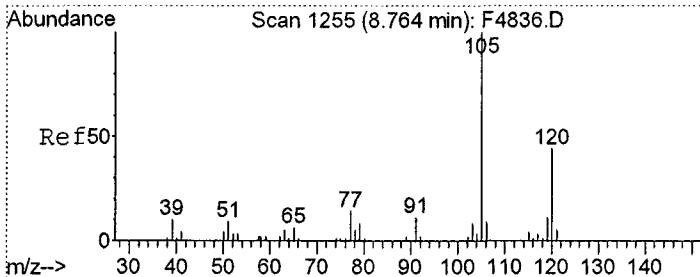
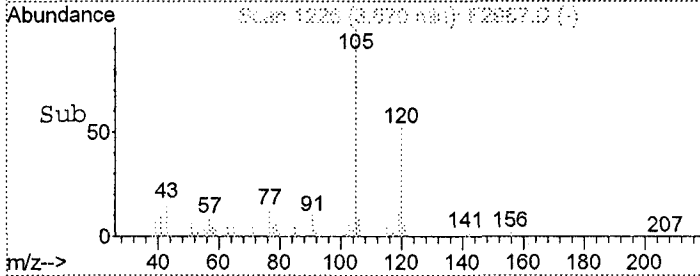
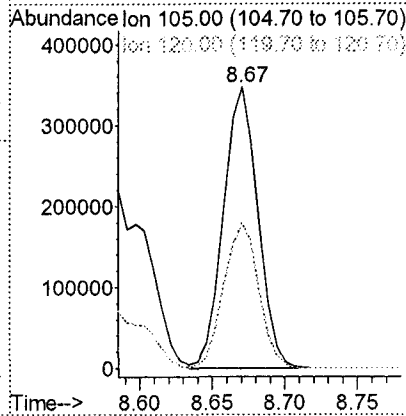
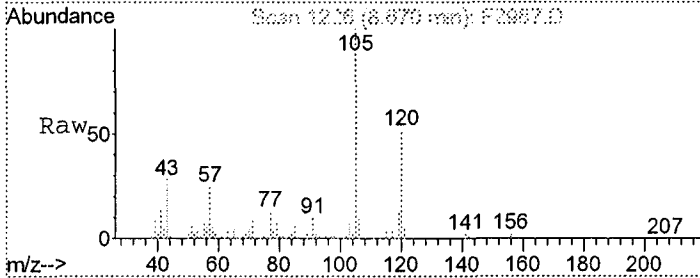
Tgt Ion:	Resp:	Lower	Upper
91	132191		
120	23.1	0.0	54.8





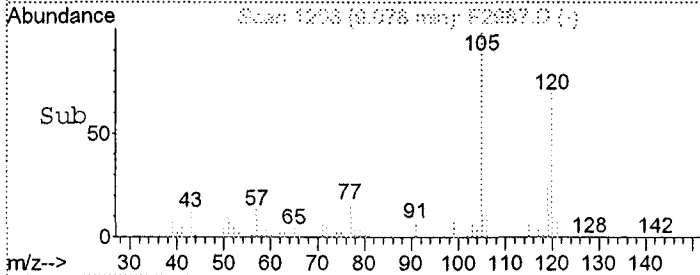
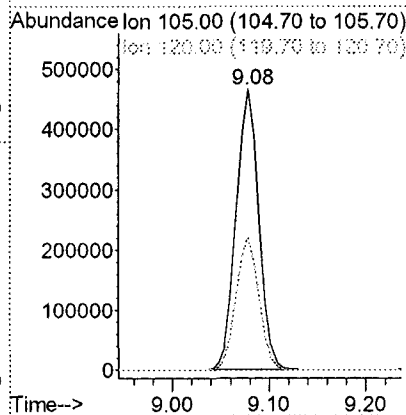
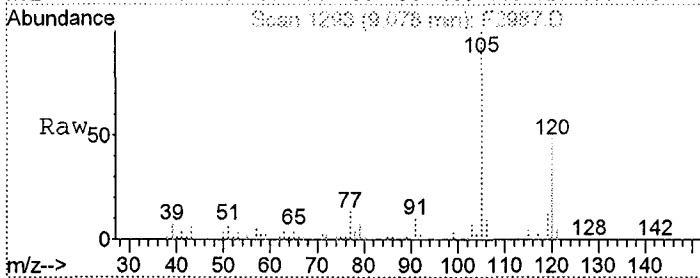
#72
 C304 1,3,5-Trimethylbenzene
 Concen: 126.96 ng
 RT: 8.67 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

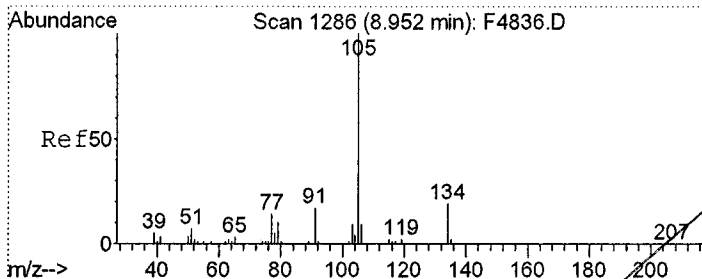
Tgt Ion	Resp	Lower	Upper
105	100		
120	51.7	34.0	94.0



#74
 C307 1,2,4-Trimethylbenzene
 Concen: 163.50 ng
 RT: 9.08 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

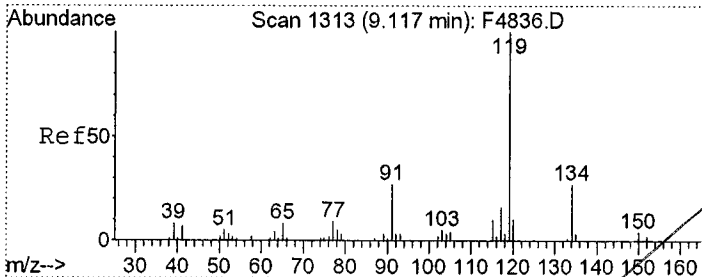
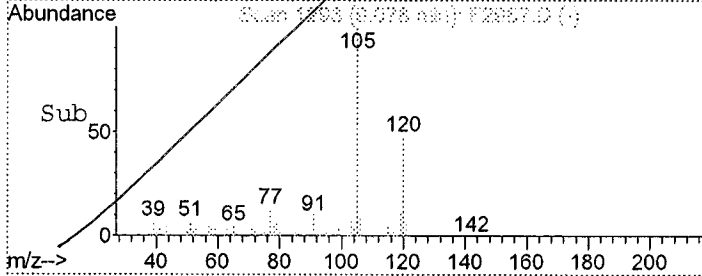
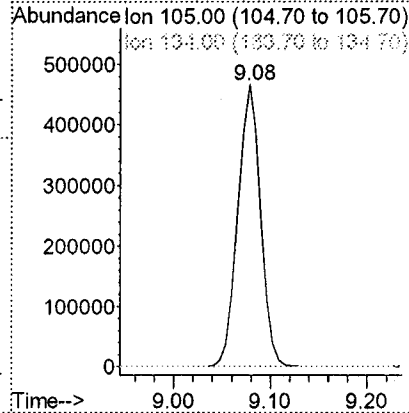
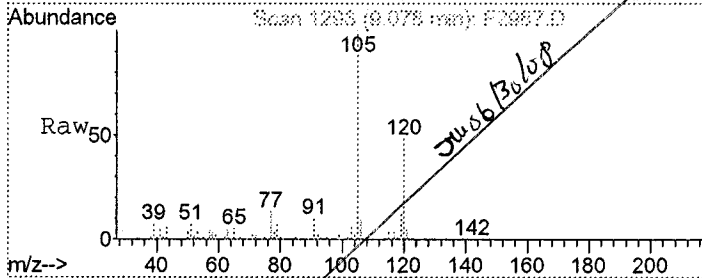
Tgt Ion	Resp	Lower	Upper
105	100		
120	47.6	22.5	82.5





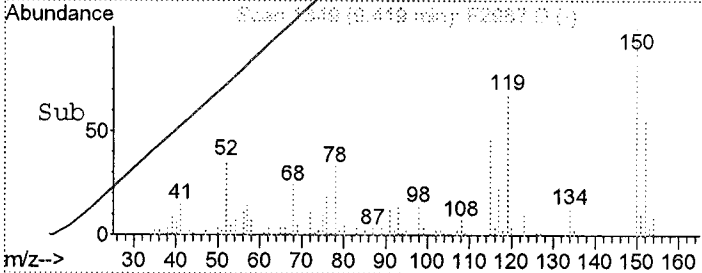
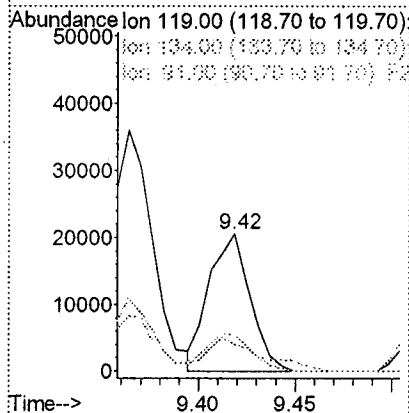
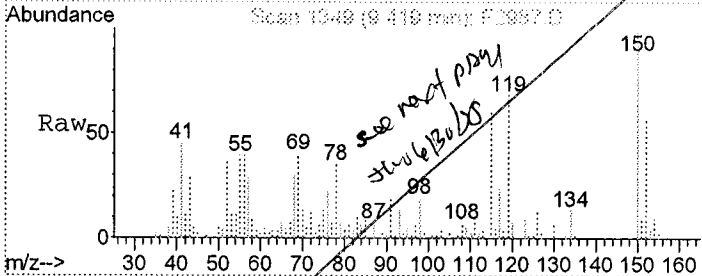
#75
 C308 sec-Butylbenzene
 Concen: 135.92 ng
 RT: 9.08 min Scan# 1293
 Delta R.T. -0.18 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

Tgt Ion	Resp	Lower	Upper
105	100		
134	0.0	0.0	54.0



#77
 C309 p-Cymene (4-Isopropyltoluene)
 Concen: 6.13 ng
 RT: 9.42 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: F2987.D
 Acq: 27 Jun 2008 22:42

Tgt Ion	Resp	Lower	Upper
119	100		
134	19.2	0.0	56.2
91	25.9	0.0	56.0

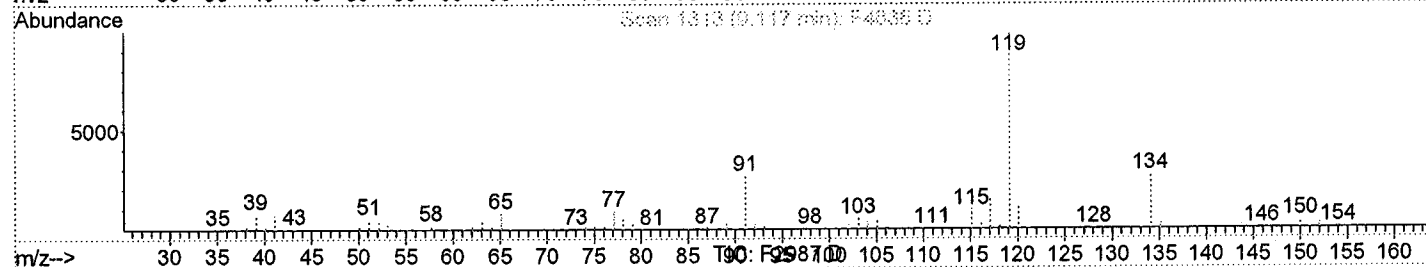
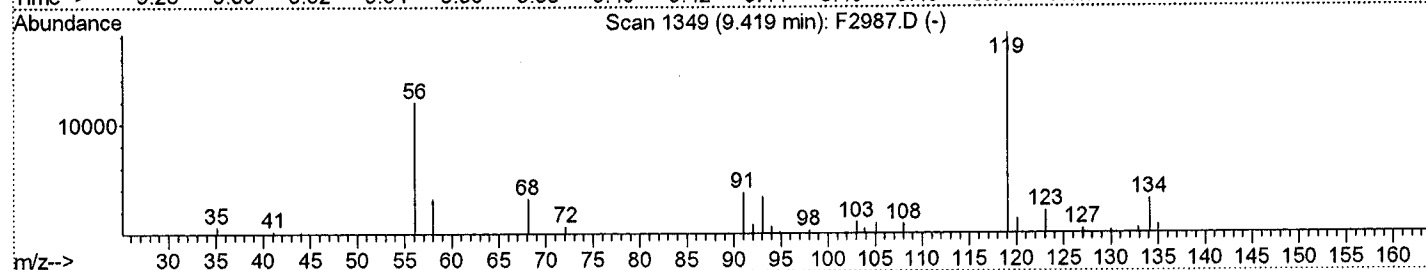
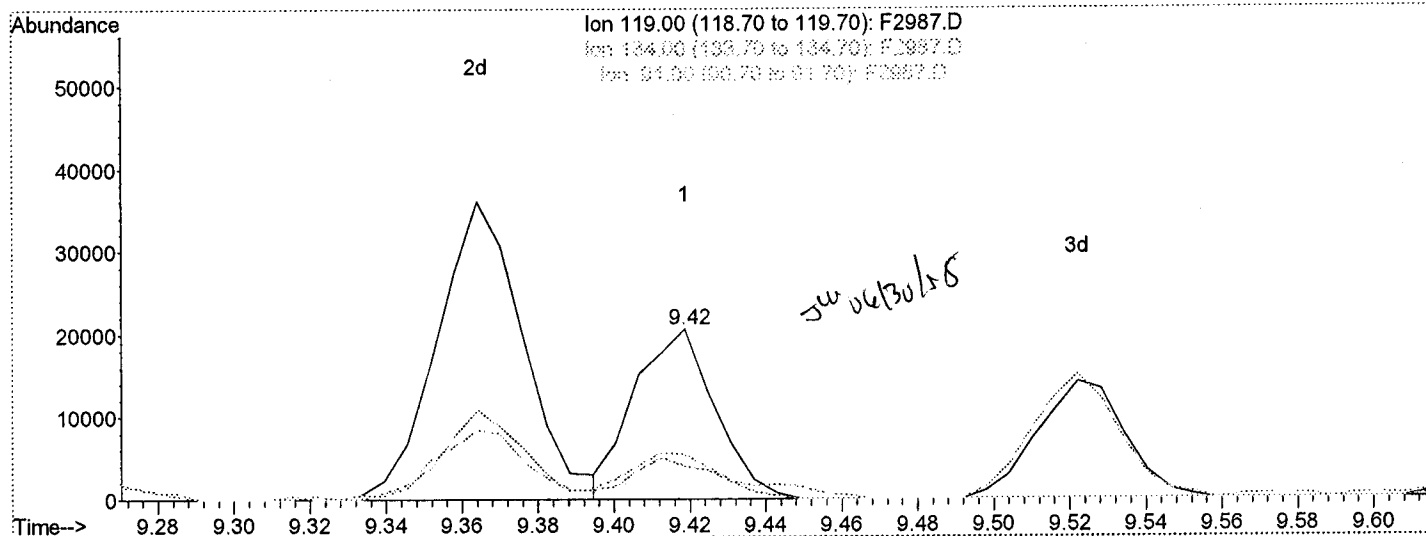


Data File : H:\GCMS_VOA\F\062708\F2987.D
 Acq On : 27 Jun 2008 22:42
 Sample : A8759501
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 30 17:16 2008

Vial: 25
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Fri Jun 27 21:10:07 2008
 Response via : Multiple Level Calibration



(77) C309 p-Cymene (4-Isopropyltoluene) (T)

9.42min 6.13ng

response 30394

Ion	Exp%	Act%
119.00	100	100
134.00	26.20	19.16
91.00	26.00	25.93
0.00	0.00	0.00

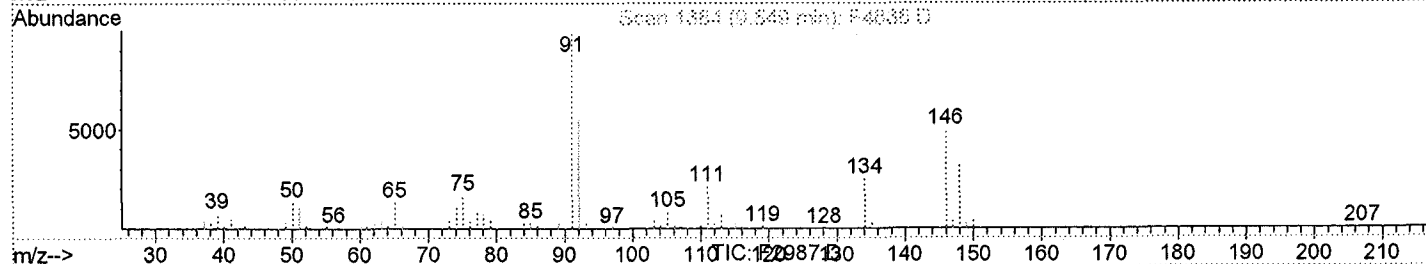
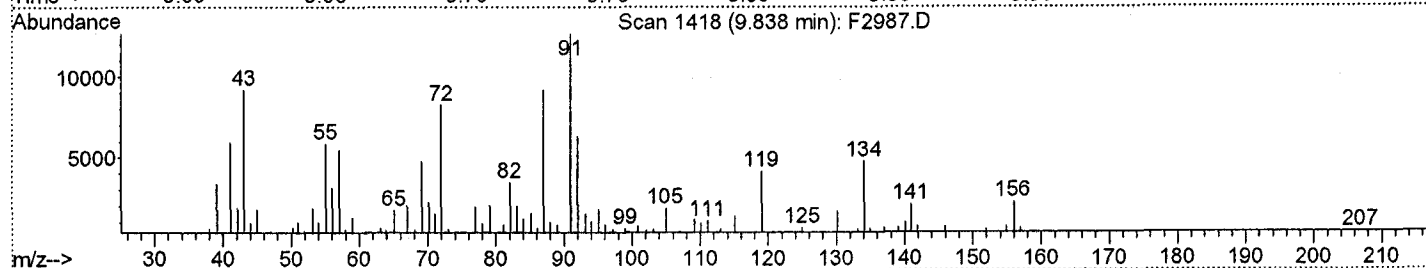
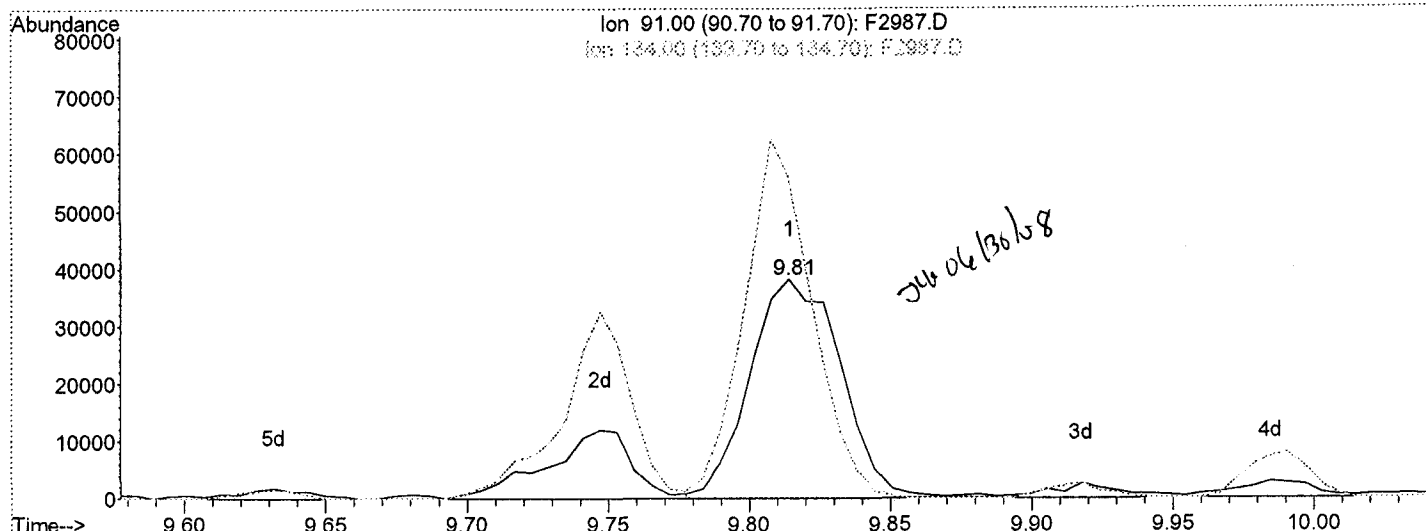
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Acq On : 27 Jun 2008 22:42
Sample : A8759501
Misc :

Vial: 25
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Jun 30 17:16 2008

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Jun 27 21:10:07 2008
Response via : Multiple Level Calibration

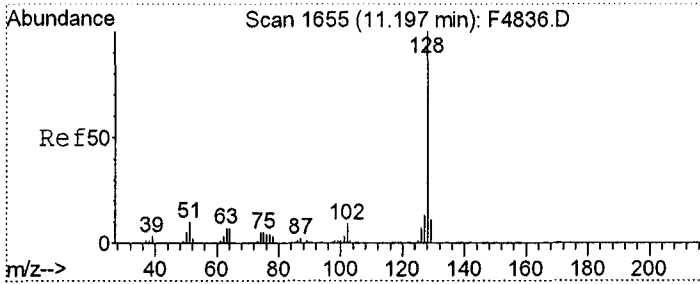


(80) C310 n-Butylbenzene (T)

9.81min 17.35ng

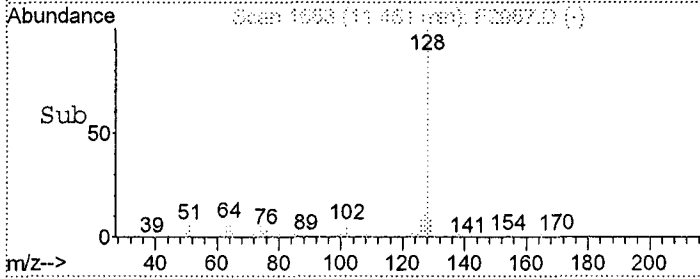
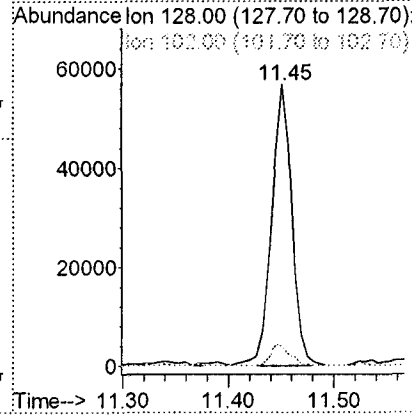
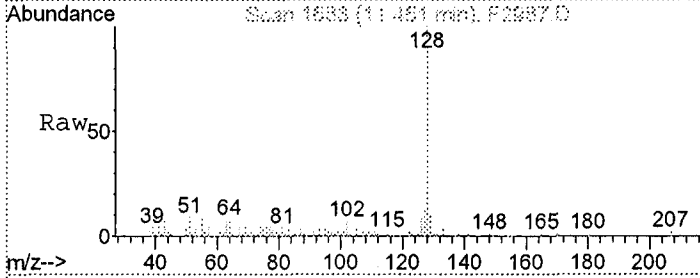
response 84454

Ion	Exp%	Act%
91.00	100	100
134.00	26.10	146.73#
0.00	0.00	0.00
0.00	0.00	0.00



#84
C314 Naphthalene
Concen: 15.60 ng
RT: 11.45 min Scan# 1683
Delta R.T. -0.00 min
Lab File: F2987.D
Acq: 27 Jun 2008 22:42

Tgt Ion	Resp	Lower	Upper
128	100		
102	7.2	0.0	39.4



Data File : H:\GCMS_VOA\F\062708\F2987.D
 Acq On : 27 Jun 2008 22:42
 Sample : A8759501
 Misc :
 MS Integration Params: Lscint.p

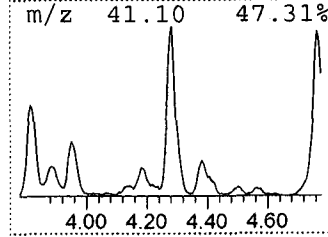
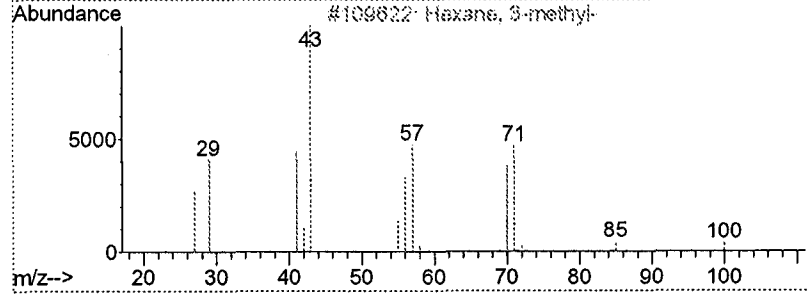
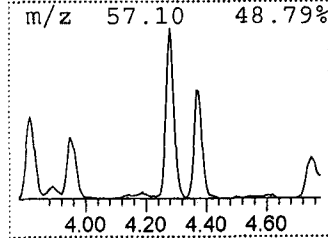
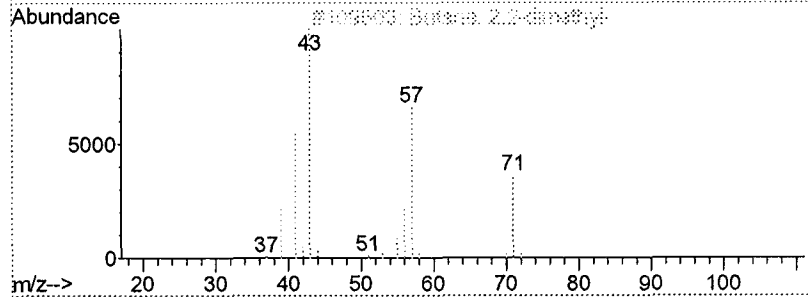
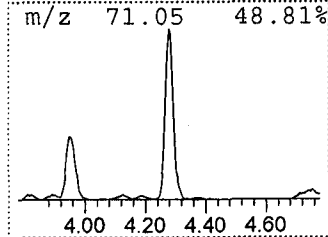
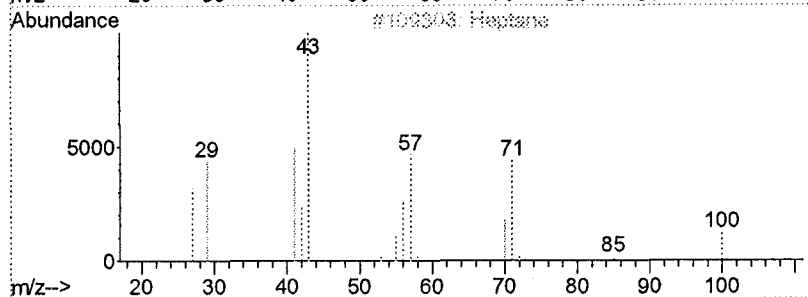
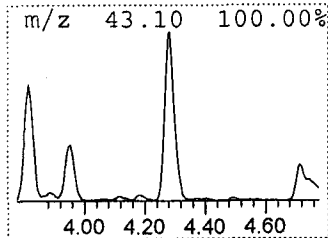
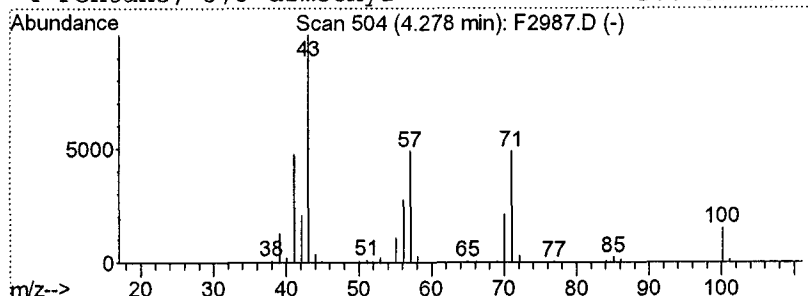
Vial: 25
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Library : C:\DATABASE\NIST98.L

 Peak Number 1 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.28	131.50 ng	1695830	CI10 1,4-Difluor	3224080	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	42
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38



Data File : H:\GCMS_VOA\F\062708\F2987.D
Acq On : 27 Jun 2008 22:42
Sample : A8759501
Misc :
MS Integration Params: Lscint.p

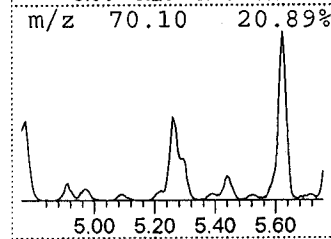
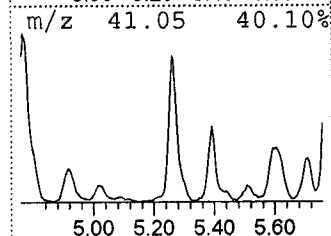
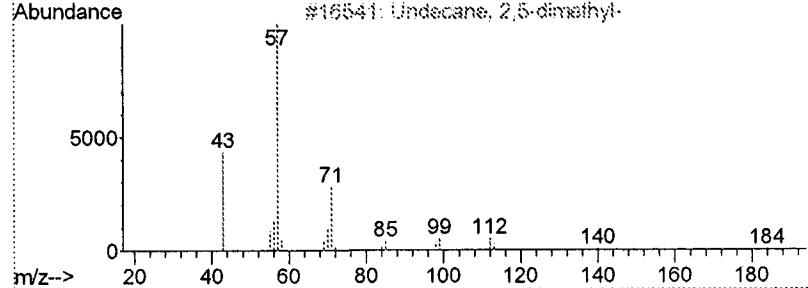
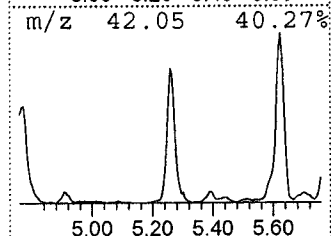
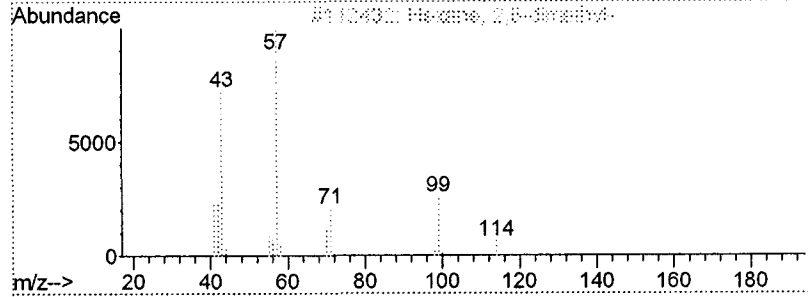
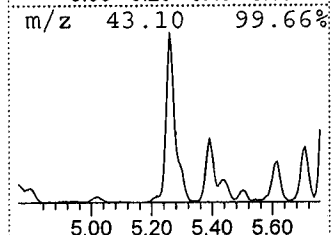
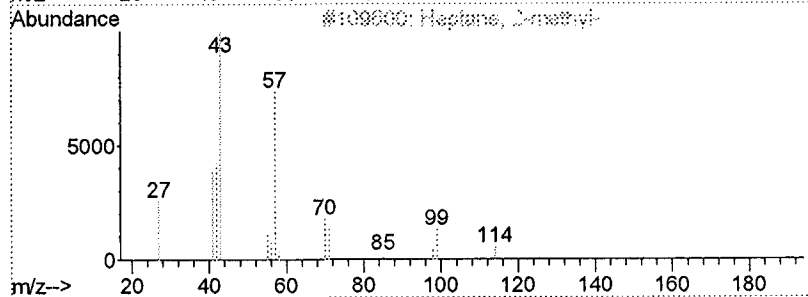
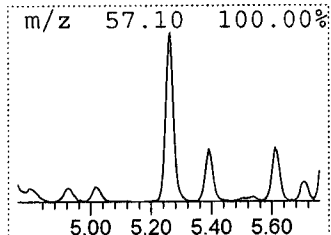
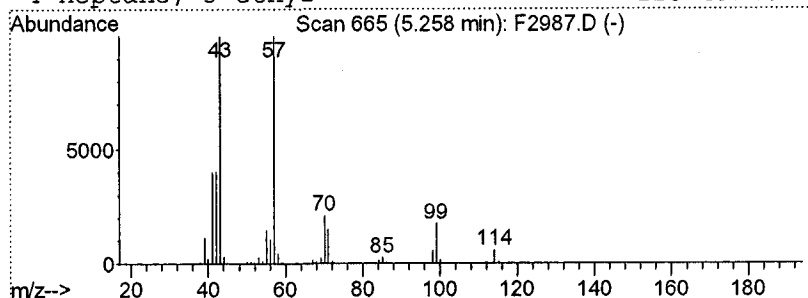
Vial: 25
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Library : C:\DATABASE\NIST98.L

Peak Number 2 Heptane, 2-methyl- Concentration Rank 4

Table with 6 columns: R.T., EstConc, Area, Relative to ISTD, IS Area, R.T. Row 1: 5.26, 150.08 ng, 1935470, CI10 1,4-Difluor, 3224080, 4.38

Table with 7 columns: Hit# of 5, Tentative ID, MW, MolForm, CAS#, Qual. Rows include Heptane, 2-methyl-; Hexane, 2,5-dimethyl-; Undecane, 2,5-dimethyl-; Heptane, 3-ethyl-



Data File : H:\GCMS_VOA\F\062708\F2987.D
 Acq On : 27 Jun 2008 22:42
 Sample : A8759501
 Misc :
 MS Integration Params: Lscint.p

Vial: 25
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

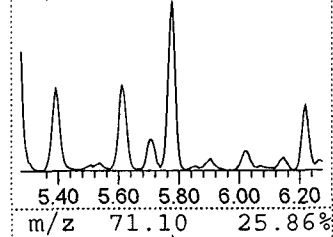
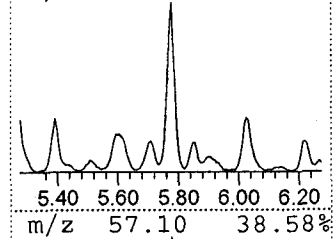
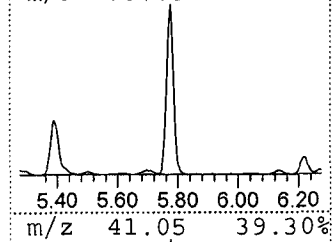
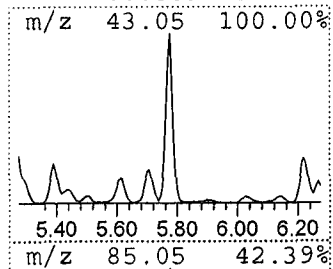
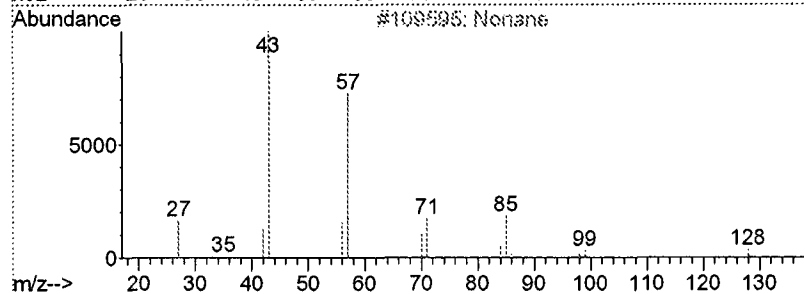
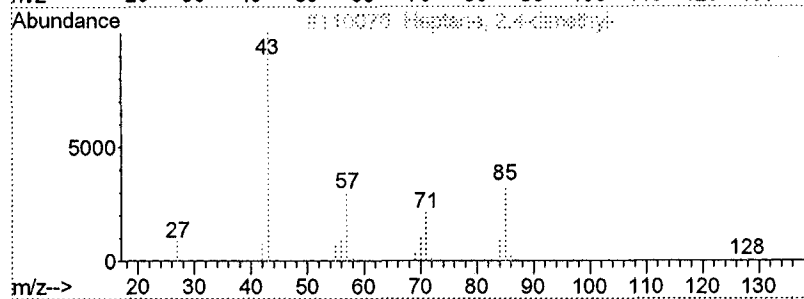
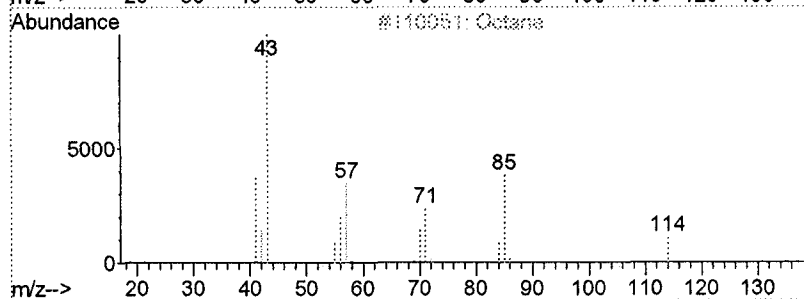
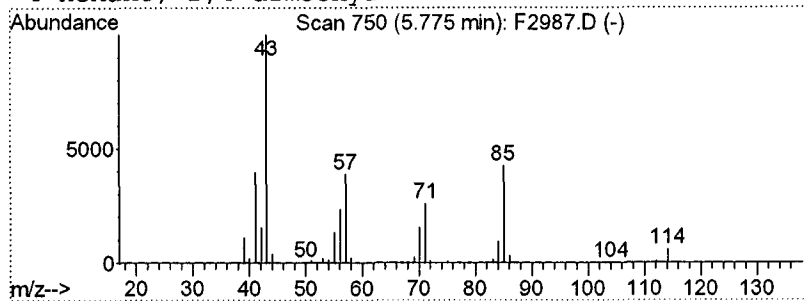
Title : 8260 SOILS ENCON

Library : C:\DATABASE\NIST98.L

 Peak Number 3 Octane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
5.77	165.34 ng	2352510	CI20 Chlorobenze	3556990	6.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	91
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3			Nonane	128	C9H20	000111-84-2	64
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59



Data File : H:\GCMS_VOA\F\062708\F2987.D
 Acq On : 27 Jun 2008 22:42
 Sample : A8759501
 Misc :
 MS Integration Params: Lscint.p

Vial: 25
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

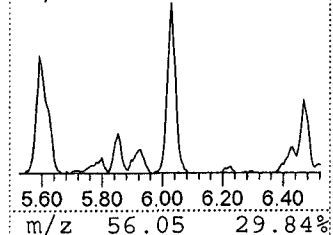
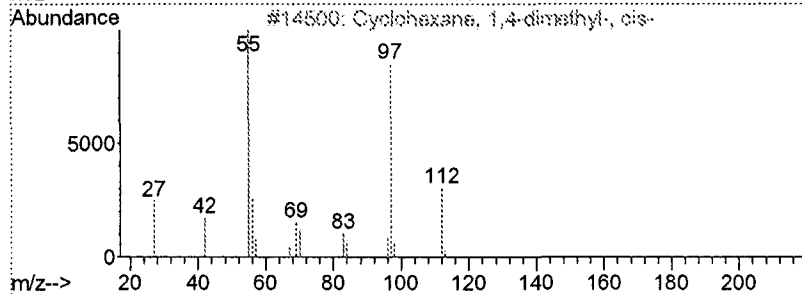
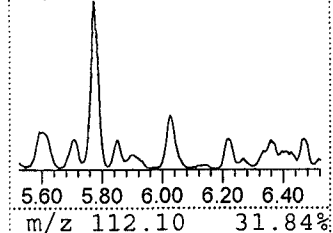
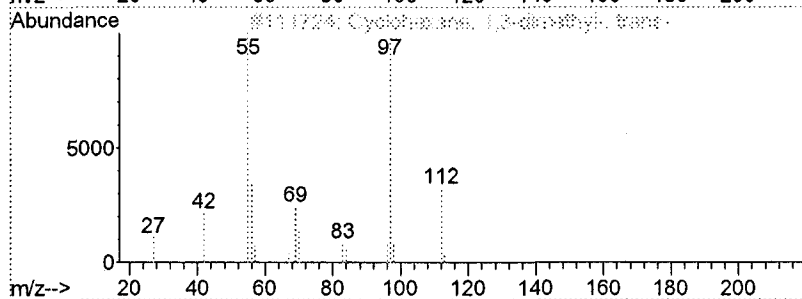
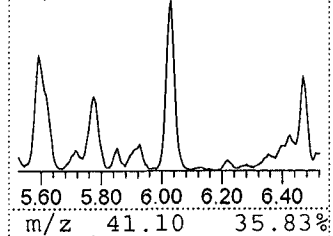
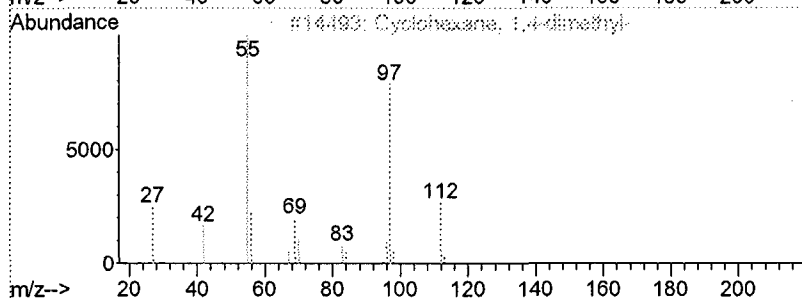
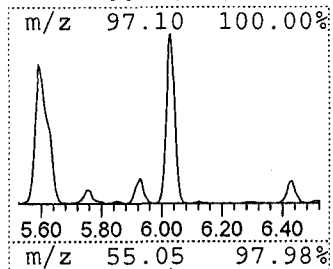
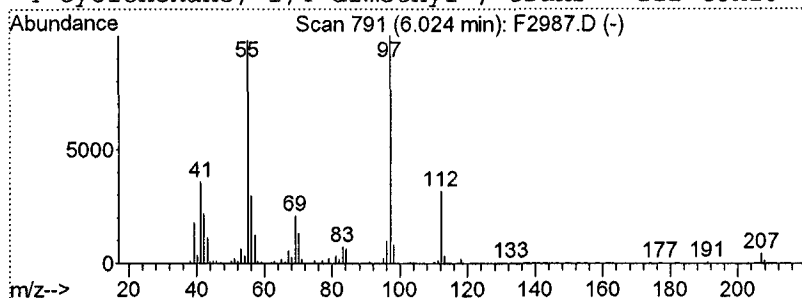
Title : 8260 SOILS ENCON

Library : C:\DATABASE\NIST98.L

 Peak Number 4 Cyclohexane, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
6.02	93.20 ng	1326050	CI20 Chlorobenze	3556990	6.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	97
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	94
4			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94



Data File : H:\GCMS_VOA\F\062708\F2987.D
 Acq On : 27 Jun 2008 22:42
 Sample : A8759501
 Misc :
 MS Integration Params: Lscint.p

Vial: 25
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

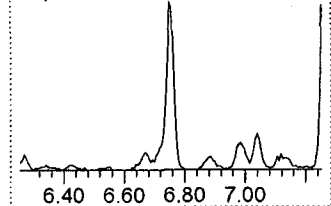
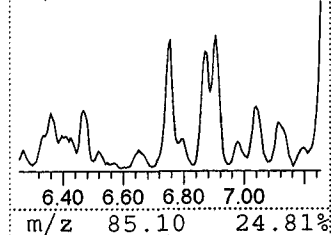
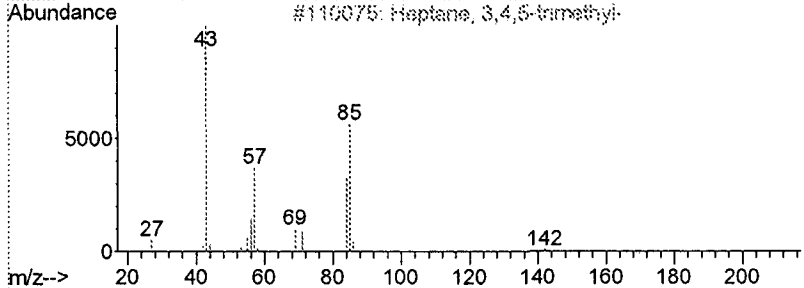
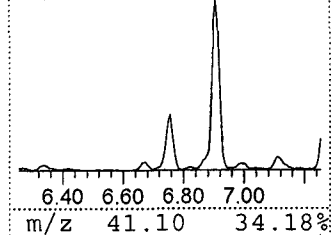
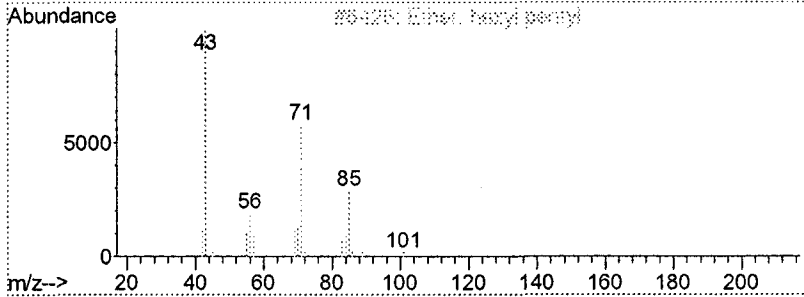
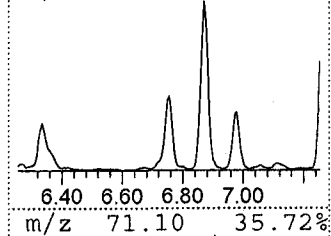
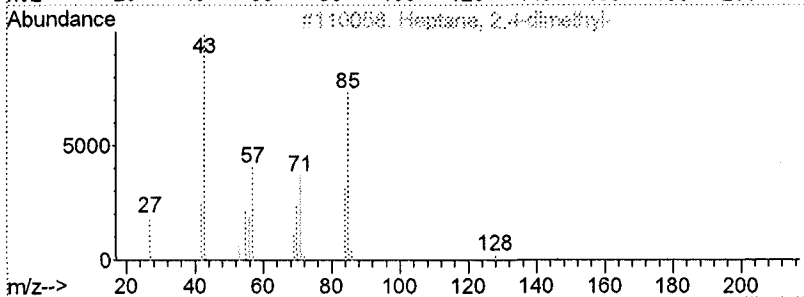
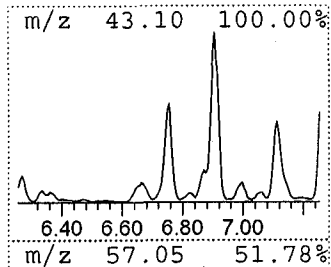
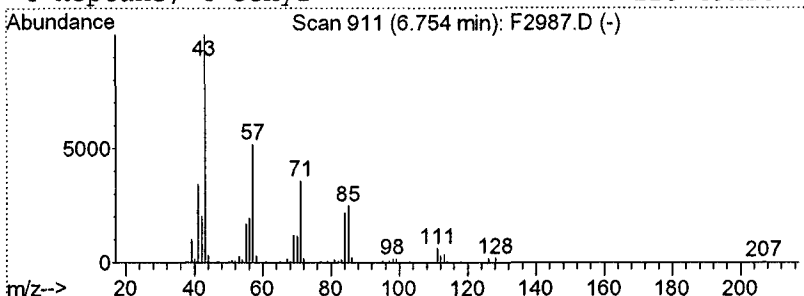
Title : 8260 SOILS ENCON

Library : C:\DATABASE\NIST98.L

 Peak Number 5 Heptane, 2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
6.75	92.56 ng	1316930	CI20 Chlorobenze	3556990	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
2		Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
3		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	52
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	52



Data File : H:\GCMS_VOA\F\062708\F2987.D
 Acq On : 27 Jun 2008 22:42
 Sample : A8759501
 Misc :
 MS Integration Params: Lscint.p

Vial: 25
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

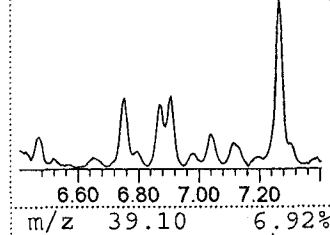
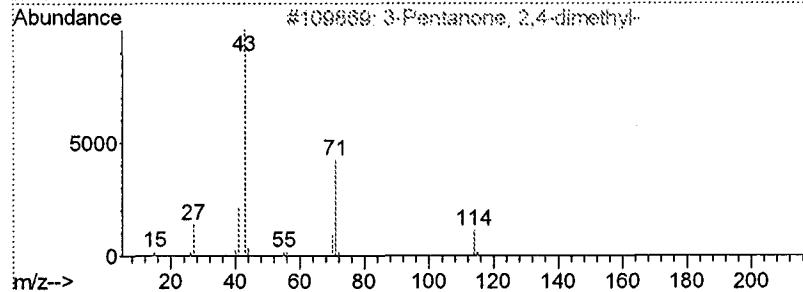
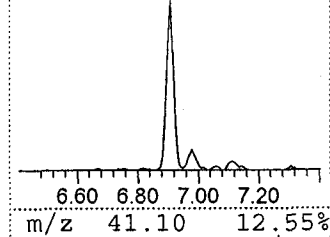
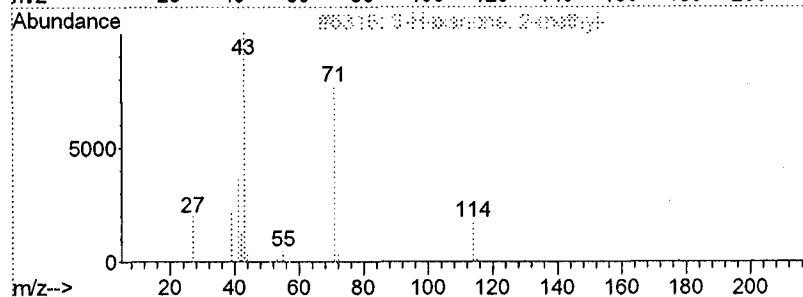
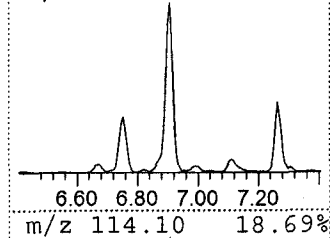
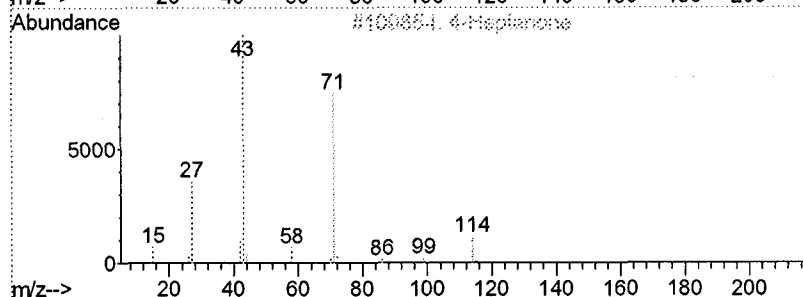
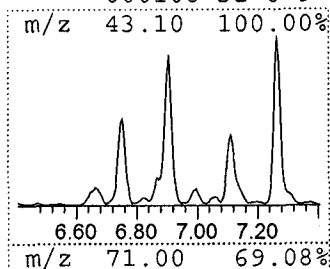
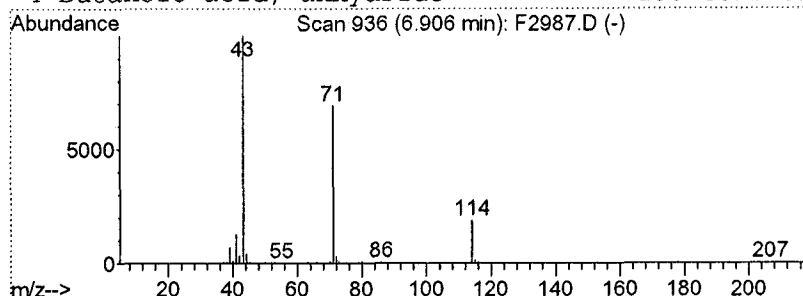
Title : 8260 SOILS ENCON

Library : C:\DATABASE\NIST98.L

 Peak Number 6 4-Heptanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
6.91	74.18 ng	1055460	CI20 Chlorobenze	3556990	6.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptanone	114	C7H14O	000123-19-3	72
2			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	56
3			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	9
4			Butanoic acid, anhydride	158	C8H14O3	000106-31-0	9



Data File : H:\GCMS_VOA\F\062708\F2987.D
Acq On : 27 Jun 2008 22:42
Sample : A8759501
Misc :
MS Integration Params: Lscint.p

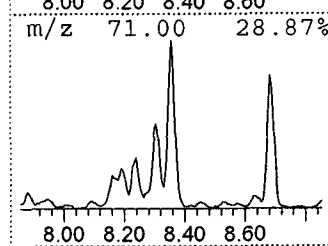
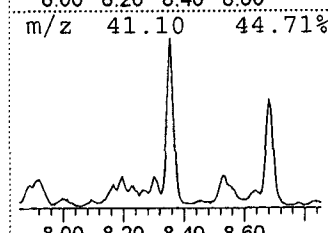
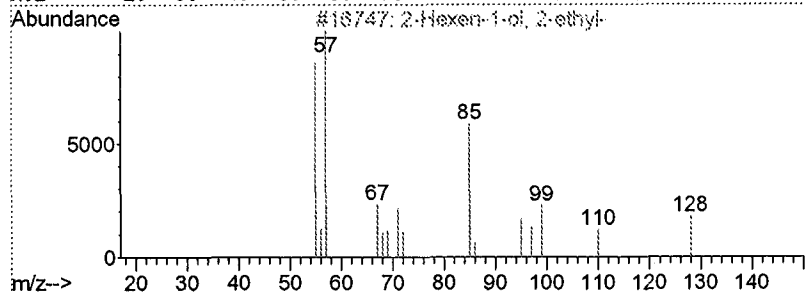
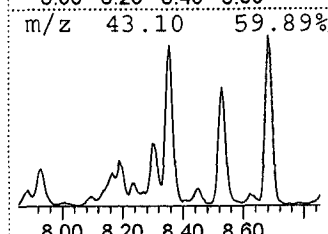
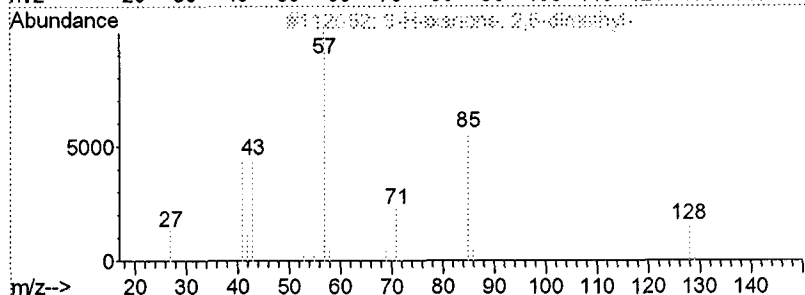
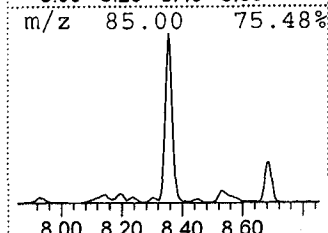
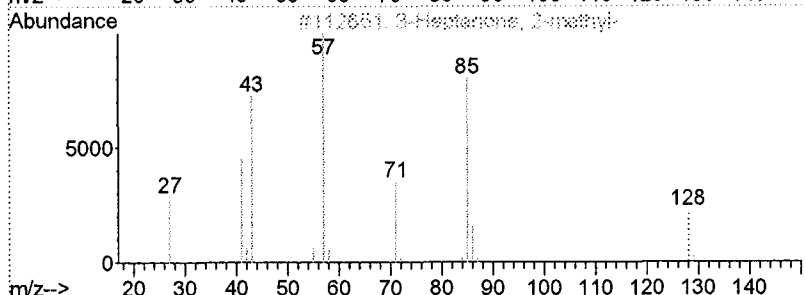
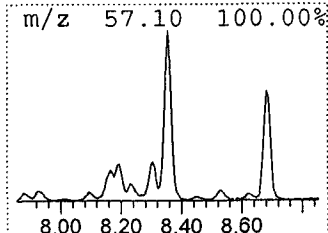
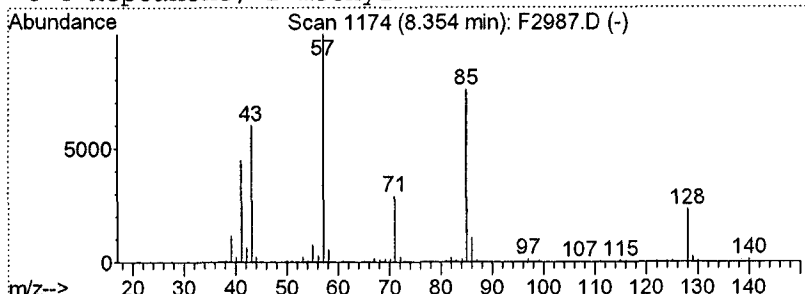
Vial: 25
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Library : C:\DATABASE\NIST98.L

Peak Number 7 3-Heptanone, 2-methyl- Concentration Rank 2

Table with 6 columns: R.T., EstConc, Area, Relative to ISTD, IS Area, R.T. Row 1: 8.35, 171.22 ng, 2412620, CI30 1,4-Dichlor, 3522780, 9.44

Table with 7 columns: Hit# of 5, Tentative ID, MW, MolForm, CAS#, Qual. Lists 4 potential matches for 3-Heptanone, 2-methyl-.



Data File : H:\GCMS_VOA\F\062708\F2987.D
 Acq On : 27 Jun 2008 22:42
 Sample : A8759501
 Misc :
 MS Integration Params: Lscint.p

Vial: 25
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

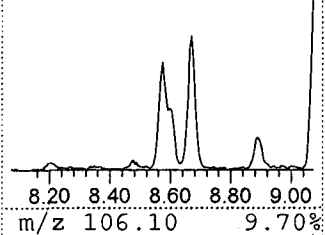
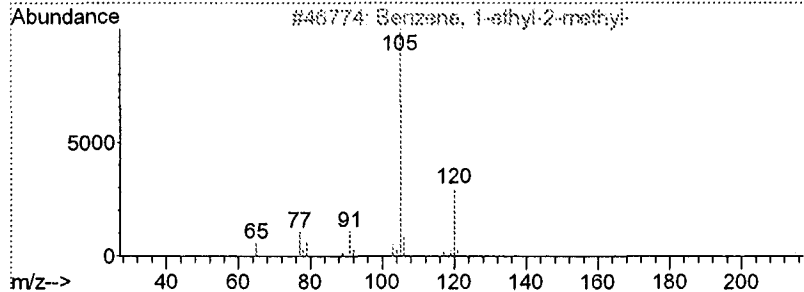
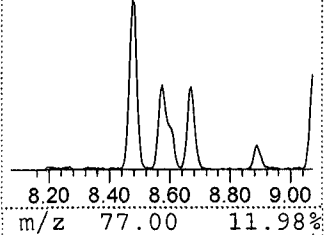
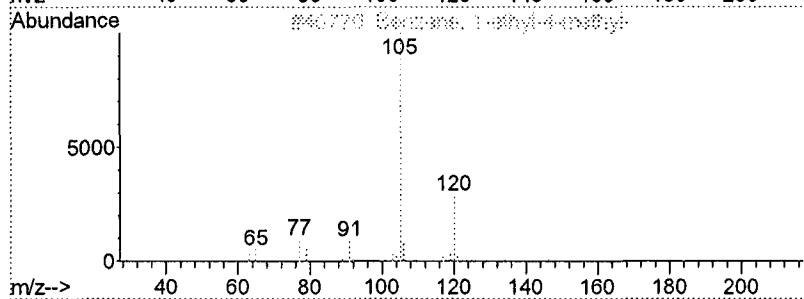
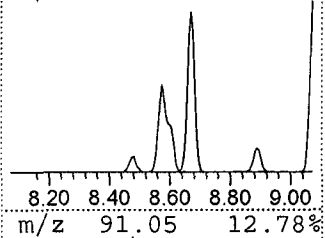
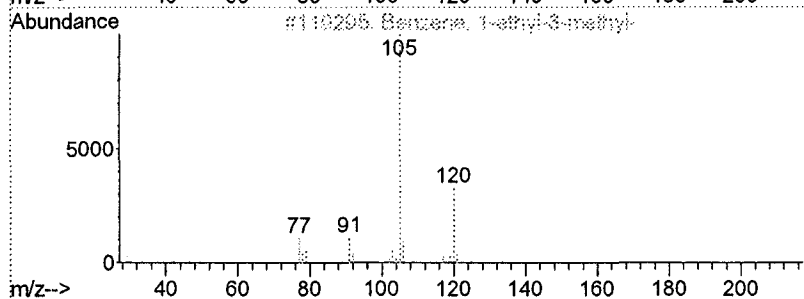
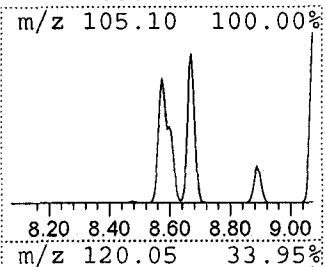
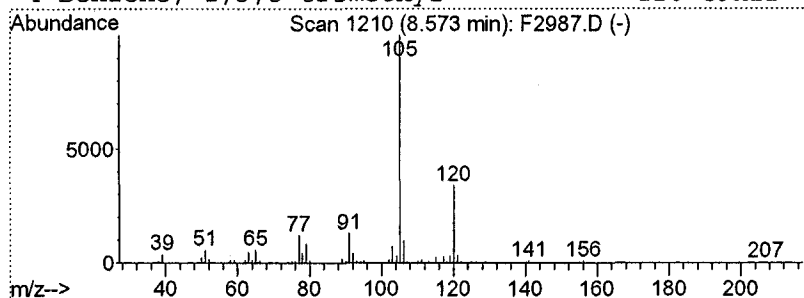
Title : 8260 SOILS ENCON

Library : C:\DATABASE\NIST98.L

 Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
8.57	174.17 ng	2454260	CI30 1,4-Dichlor	3522780	9.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91



Data File : H:\GCMS_VOA\F\062708\F2987.D
Acq On : 27 Jun 2008 22:42
Sample : A8759501
Misc :
MS Integration Params: Lscint.p

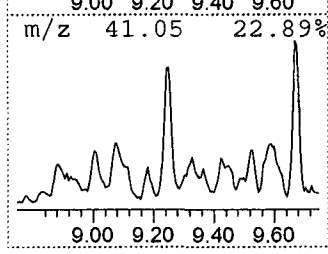
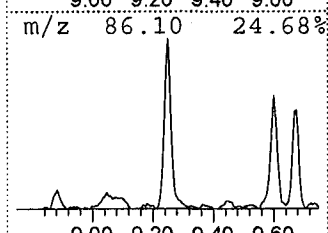
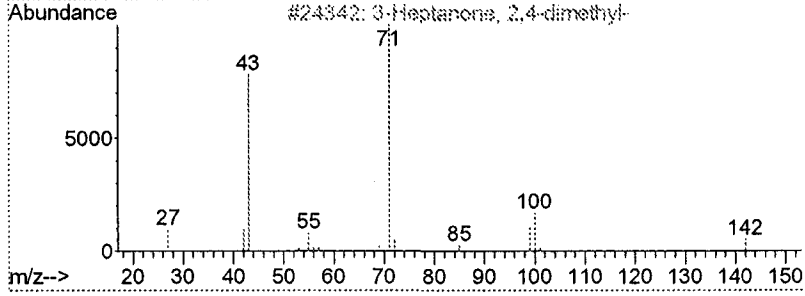
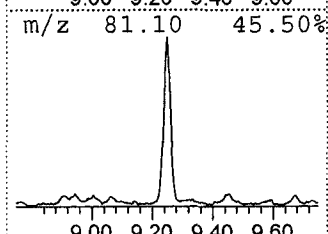
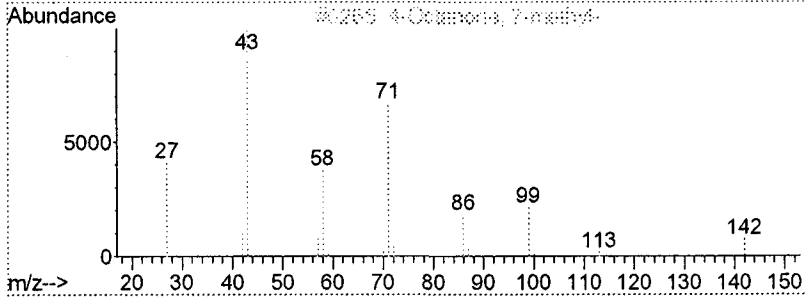
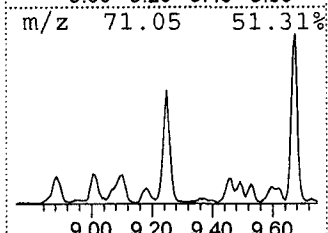
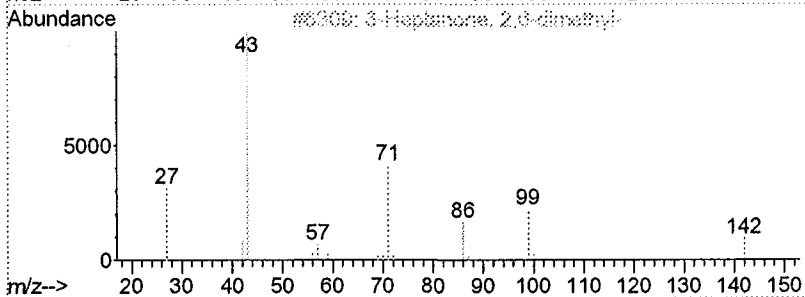
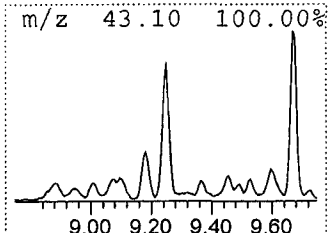
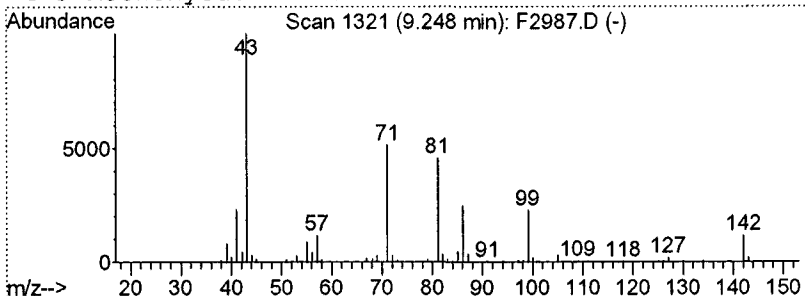
Vial: 25
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Library : C:\DATABASE\NIST98.L

Peak Number 9 3-Heptanone, 2,6-dimethyl- Concentration Rank 8

Table with 6 columns: R.T., EstConc, Area, Relative to ISTD, IS Area, R.T. Row 1: 9.25, 77.29 ng, 1089150, CI30 1,4-Dichlor, 3522780, 9.44

Table with 7 columns: Hit# of 5, Tentative ID, MW, MolForm, CAS#, Qual. Lists 4 potential matches for 3-Heptanone, 2,6-dimethyl-.



Data File : H:\GCMS_VOA\F\062708\F2987.D
 Acq On : 27 Jun 2008 22:42
 Sample : A8759501
 Misc :
 MS Integration Params: Lscint.p

Vial: 25
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

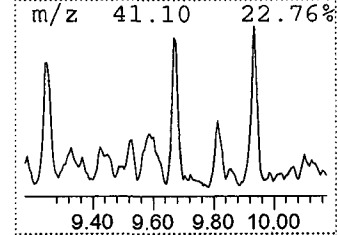
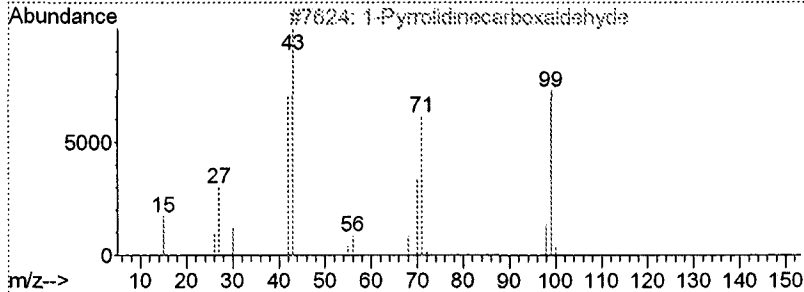
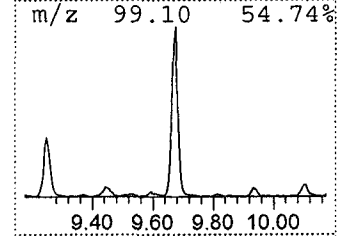
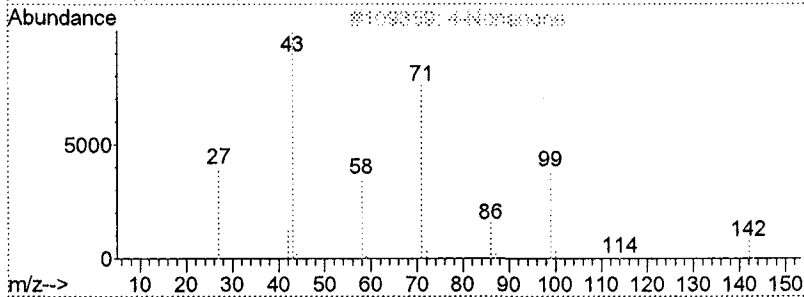
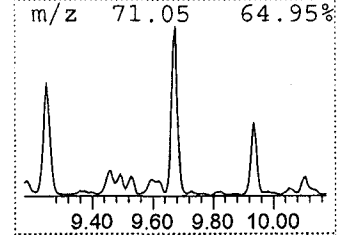
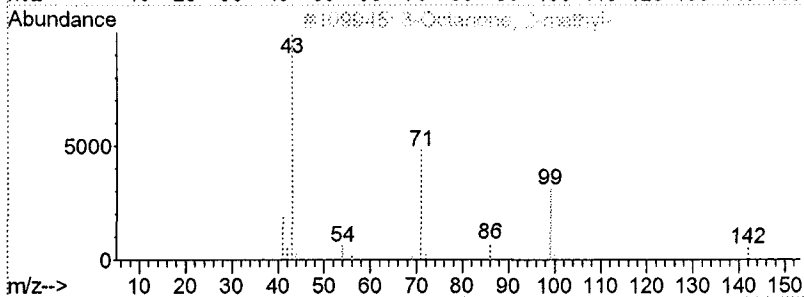
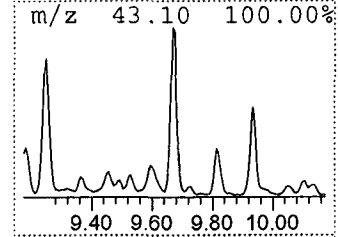
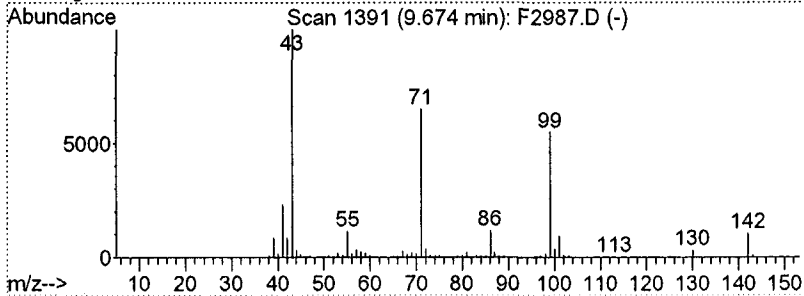
Title : 8260 SOILS ENCON

Library : C:\DATABASE\NIST98.L

 Peak Number 10 3-Octanone, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
9.67	77.08 ng	1086140	CI30 1,4-Dichlor	3522780	9.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanone, 2-methyl-	142	C9H18O	000923-28-4	83
2			4-Nonanone	142	C9H18O	004485-09-0	58
3			1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	53
4			Pyrrolidine-2,4-dione	99	C4H5NO2	037772-89-7	49



Operator ID: JLG Date Acquired: 27 Jun 2008 22:42
Data File: H:\GCMS_VOA\F\062708\F2987.D
Name: A8759501
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Heptane	4.28	131.5	ng	1695830	1	4.38	3224080	250.0
Heptane, 2-methyl-	5.26	150.1	ng	1935470	1	4.38	3224080	250.0
Octane	5.77	165.3	ng	2352510	2	6.99	3556990	250.0
Cyclohexane, 1,4-...	6.02	93.2	ng	1326050	2	6.99	3556990	250.0
Heptane, 2,4-dime...	6.75	92.6	ng	1316930	2	6.99	3556990	250.0
4-Heptanone	6.91	74.2	ng	1055460	2	6.99	3556990	250.0
3-Heptanone, 2-me...	8.35	171.2	ng	2412620	3	9.44	3522780	250.0
Benzene, 1-ethyl-...	8.57	174.2	ng	2454260	3	9.44	3522780	250.0
3-Heptanone, 2,6-...	9.25	77.3	ng	1089150	3	9.44	3522780	250.0
3-Octanone, 2-met...	9.67	77.1	ng	1086140	3	9.44	3522780	250.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 5.02 (g/mL) G Lab File ID: F3034.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	31	U
71-43-2-----	Benzene	6	U
75-27-4-----	Bromodichloromethane	6	U
75-25-2-----	Bromoform	6	U
74-83-9-----	Bromomethane	6	U
78-93-3-----	2-Butanone	31	U
75-15-0-----	Carbon Disulfide	6	U
56-23-5-----	Carbon Tetrachloride	6	U
108-90-7-----	Chlorobenzene	6	U
75-00-3-----	Chloroethane	6	U
67-66-3-----	Chloroform	6	U
74-87-3-----	Chloromethane	6	U
110-82-7-----	Cyclohexane	6	U
106-93-4-----	1,2-Dibromoethane	6	U
124-48-1-----	Dibromochloromethane	6	U
96-12-8-----	1,2-Dibromo-3-chloropropane	6	U
95-50-1-----	1,2-Dichlorobenzene	6	U
541-73-1-----	1,3-Dichlorobenzene	6	U
106-46-7-----	1,4-Dichlorobenzene	6	U
75-71-8-----	Dichlorodifluoromethane	6	U
75-34-3-----	1,1-Dichloroethane	6	U
107-06-2-----	1,2-Dichloroethane	6	U
75-35-4-----	1,1-Dichloroethene	6	U
156-59-2-----	cis-1,2-Dichloroethene	6	U
156-60-5-----	trans-1,2-Dichloroethene	6	U
78-87-5-----	1,2-Dichloropropane	6	U
10061-01-5----	cis-1,3-Dichloropropene	6	U
10061-02-6----	trans-1,3-Dichloropropene	6	U
100-41-4-----	Ethylbenzene	6	U
591-78-6-----	2-Hexanone	31	U
98-82-8-----	Isopropylbenzene	6	U
79-20-9-----	Methyl acetate	6	U
108-87-2-----	Methylcyclohexane	6	U
75-09-2-----	Methylene chloride	6	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 5.02 (g/mL) G Lab File ID: F3034.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-10-1-----4-Methyl-2-pentanone	31	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5-----Styrene	6	U
79-34-5-----1,1,2,2-Tetrachloroethane	6	U
127-18-4-----Tetrachloroethene	6	U
108-88-3-----Toluene	6	U
120-82-1-----1,2,4-Trichlorobenzene	6	U
71-55-6-----1,1,1-Trichloroethane	6	U
79-00-5-----1,1,2-Trichloroethane	6	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4-----Trichlorofluoromethane	6	U
79-01-6-----Trichloroethene	6	U
75-01-4-----Vinyl chloride	12	U
1330-20-7-----Total Xylenes	19	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769101

Sample wt/vol: 5.02 (g/mL) G Lab File ID: F3034.RR

Level: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008

% Moisture: not dec. 20.3 Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

No TIC

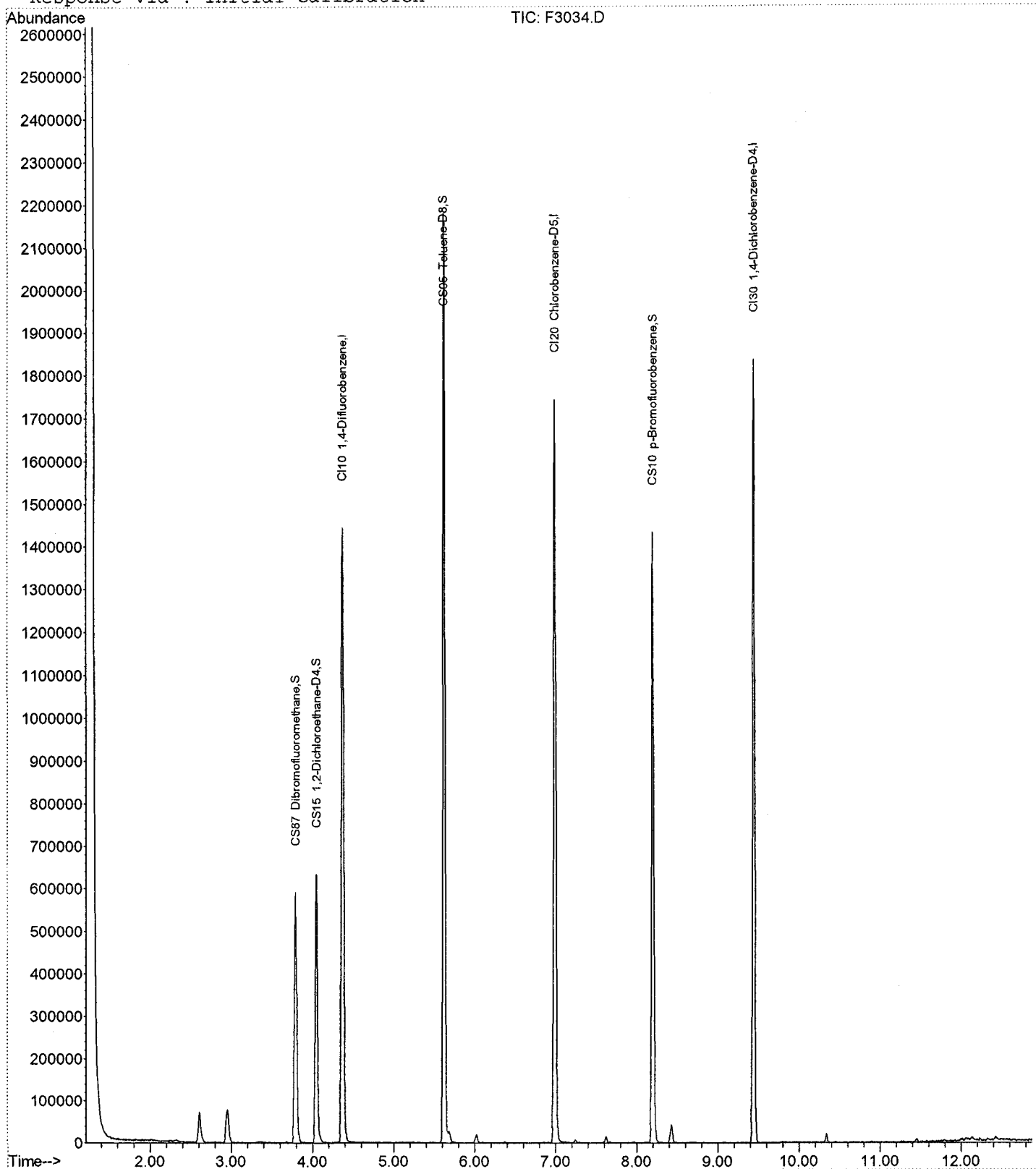
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Acq On : 1 Jul 2008 10:49
Sample : A8769101
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 1 17:00 2008

5.02

Vial: 7
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Initial Calibration



110711

Data File : H:\GCMS_VOA\F\070108\F3034.D
Acq On : 1 Jul 2008 10:49
Sample : A8769101
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 01 17:00:41 2008

Vial: 7
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\F\070108\F3029.D (1 Jul 2008 8:32)

Leah
sub 2007/01/08
2007/01/08

Table with 7 columns: Internal Standards, R.T., QIon, Response, Conc Units, Dev (Min), Rcv (Ar). Rows include CI10, CI20, CI30 with various chemical names and recovery percentages.

System Monitoring Compounds

Table with 7 columns: System Monitoring Compounds, R.T., QIon, Response, Conc Units, Dev (Min), Rcv (Ar). Rows include CS87, CS15, CS05, CS10 with spiked amounts and recovery percentages.

Target Compounds

Table with 7 columns: Target Compounds, R.T., QIon, Response, Conc Units, Dev (Min), Rcv (Ar), Qvalue. Rows include C290, C010, C020, C015, C025, C275, C291, C045, C030, C040, C036, C038, C035, C300, C276, C255, C962, C057, C050, C125, C051, C056, C272, C222, C060, C256, C115, C120, C116.

Handwritten signature or initials.

Data File : H:\GCMS_VOA\F\070108\F3034.D
 Acq On : 1 Jul 2008 10:49
 Sample : A8769101
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 01 17:00:41 2008

Vial: 7
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 09:52:08 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	3435		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	0.00	43	0		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	0.00	83	0		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.69	92	8286		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.62	43	6270		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	6.38	43	145		N.D.	
55) C235 Chlorobenzene	0.00	112	0		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.12	91	1218		N.D.	
58) C246 m,p-Xylene	7.24	106	2102		N.D.	
59) C247 o-Xylene	7.64	106	488		N.D.	
60) C245 Styrene	7.67	104	143		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	0.00	105	0		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	8.40	53	160		N.D.	
69) C302 n-Propylbenzene	8.47	91	532		N.D.	
70) C303 O 2-Chlorotoluene	8.42	126	139		N.D.	
71) C289 P 4-Chlorotoluene	0.00	126	0		N.D.	
72) C304 1,3,5-Trimethylbenze	8.67	105	140		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.08	105	1735		N.D.	
75) C308 sec-Butylbenzene	9.08	105	1735		N.D.	
76) C260 1,3-Dichlorobenzene	9.38	146	516		N.D.	
77) C309 p-Cymene (4-Isopropy	0.00	119	0		N.D.	
78) C267 1,4-Dichlorobenzene	9.47	146	1298		N.D.	
79) C249 1,2-Dichlorobenzene	9.84	146	410		N.D.	
80) C310 n-Butylbenzene	9.83	91	444		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.33	75	363		N.D.	
82) C313 1,2,4-Trichlorobenze	11.26	180	340		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	11.45	128	7320		N.D.	
85) C934 1,2,3-Trichlorobenze	11.64	180	167		N.D.	

(#) = qualifier out of range (m) = manual integration

m/8/12/08

Operator ID: LH Date Acquired: 1 Jul 2008 10:49

Data File: H:\GCMS_VOA\F\070108\F3034.D

Name: A8769101

Misc:

Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)

Title: 8260 SOILS ENCON

Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 5.12 (g/mL) G Lab File ID: F3035.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: not dec. 33 Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

67-64-1-----	Acetone		95	
71-43-2-----	Benzene		7	U
75-27-4-----	Bromodichloromethane		7	U
75-25-2-----	Bromofom		7	U
74-83-9-----	Bromomethane		7	U
78-93-3-----	2-Butanone		16	J
75-15-0-----	Carbon Disulfide		7	U
56-23-5-----	Carbon Tetrachloride		7	U
108-90-7-----	Chlorobenzene		7	U
75-00-3-----	Chloroethane		7	U
67-66-3-----	Chlorofom		7	U
74-87-3-----	Chloromethane		7	U
110-82-7-----	Cyclohexane		2	J
106-93-4-----	1,2-Dibromoethane		7	U
124-48-1-----	Dibromochloromethane		7	U
96-12-8-----	1,2-Dibromo-3-chloropropane		7	U
95-50-1-----	1,2-Dichlorobenzene		7	U
541-73-1-----	1,3-Dichlorobenzene		7	U
106-46-7-----	1,4-Dichlorobenzene		7	U
75-71-8-----	Dichlorodifluoromethane		7	U
75-34-3-----	1,1-Dichloroethane		7	U
107-06-2-----	1,2-Dichloroethane		7	U
75-35-4-----	1,1-Dichloroethene		7	U
156-59-2-----	cis-1,2-Dichloroethene		7	U
156-60-5-----	trans-1,2-Dichloroethene		7	U
78-87-5-----	1,2-Dichloropropane		7	U
10061-01-5----	cis-1,3-Dichloropropene		7	U
10061-02-6----	trans-1,3-Dichloropropene		7	U
100-41-4-----	Ethylbenzene		7	U
591-78-6-----	2-Hexanone		37	U
98-82-8-----	Isopropylbenzene		7	U
79-20-9-----	Methyl acetate		7	U
108-87-2-----	Methylcyclohexane		3	J
75-09-2-----	Methylene chloride		3	J

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769102

Sample wt/vol: 5.12 (g/mL) G Lab File ID: F3035.RR

Level: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008

% Moisture: not dec. 33 Heated Purge: Y Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
108-10-1-----	4-Methyl-2-pentanone	37	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	7	U
100-42-5-----	Styrene	7	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7	U
127-18-4-----	Tetrachloroethene	7	U
108-88-3-----	Toluene	7	U
120-82-1-----	1,2,4-Trichlorobenzene	7	U
71-55-6-----	1,1,1-Trichloroethane	7	U
79-00-5-----	1,1,2-Trichloroethane	7	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
75-69-4-----	Trichlorofluoromethane	7	U
79-01-6-----	Trichloroethene	7	U
75-01-4-----	Vinyl chloride	15	U
1330-20-7-----	Total Xylenes	22	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-050/6-8

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 5.12 (g/mL) G Lab File ID: F3035.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: not dec. 33.5 Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

 Number TICs found: 1
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	6.75	8	J

+ TIC

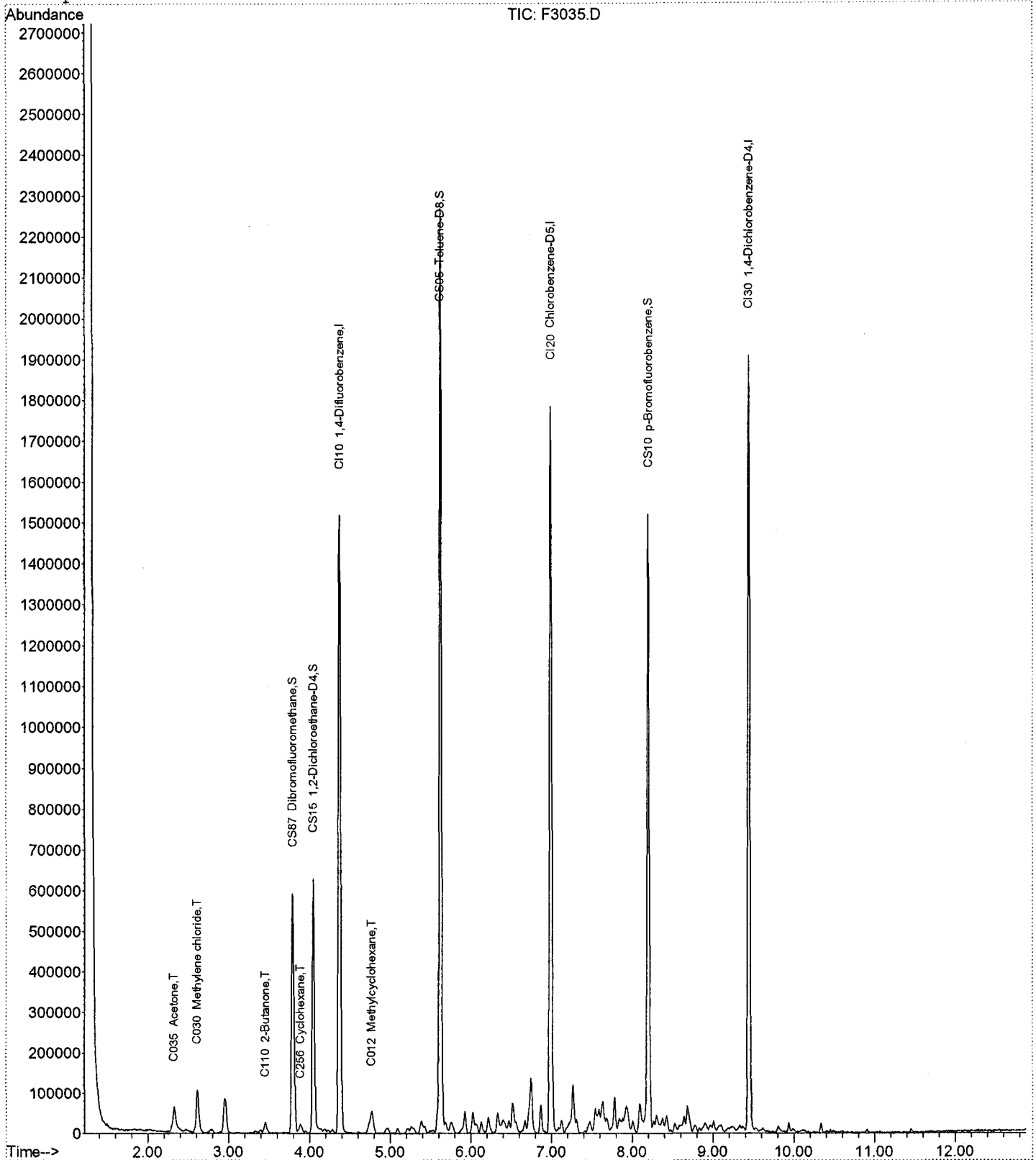
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Sample : A8769102
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 1 17:00 2008

S.12

Vial: 8
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Initial Calibration



+ TIC

Data File : H:\GCMS_VOA\F\070108\F3035.D
 Acq On : 1 Jul 2008 11:14
 Sample : A8769102
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 01 17:00:46 2008

Vial: 8
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 09:52:08 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\070108\F3029.D (1 Jul 2008 8:32)

71E
 SW07/01/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
						Rcv (Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1250806	250.00	ng	0.00 96.13%
43) CI20 Chlorobenzene-D5	6.99	82	597238	250.00	ng	0.00 95.14%
63) CI30 1,4-Dichlorobenzene-	9.44	152	509260	250.00	ng	0.00 91.80%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	389472	262.33	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	104.93%
32) CS15 1,2-Dichloroethane-D	4.05	65	426720	241.83	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	96.73%
44) CS05 Toluene-D8	5.62	98	1598756	264.82	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	105.93%
62) CS10 p-Bromofluorobenzene	8.20	174	443096	249.10	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	99.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.62	84	57418	10.51	ng	89
11) C040 Carbon disulfide	2.47	76	9837	N.D.		
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.33	43	122146	323.97	ng	96
15) C300 Acetonitrile	2.51	41	495	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	0.00	43	0	N.D.		
18) C962 T-butyl Methyl Ether	2.78	73	140	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	3.71	42	312	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.68	83	1529	N.D.		
28) C256 Cyclohexane	3.90	56	14532	5.42	ng	# 100
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

Handwritten signature

Data File : H:\GCMS_VOA\F\070108\F3035.D
 Acq On : 1 Jul 2008 11:14
 Sample : A8769102
 Misc :

Vial: 8
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jul 01 17:00:46 2008

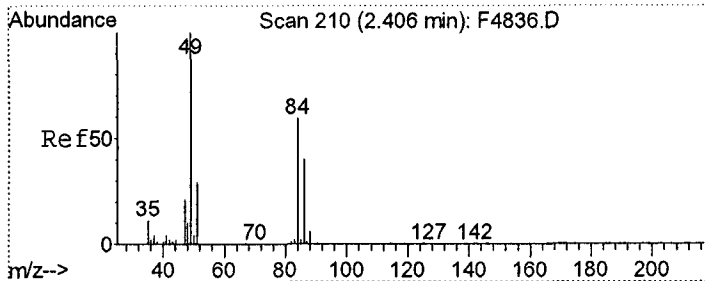
Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 09:52:08 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

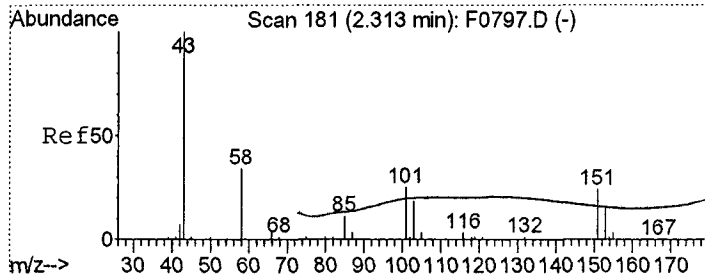
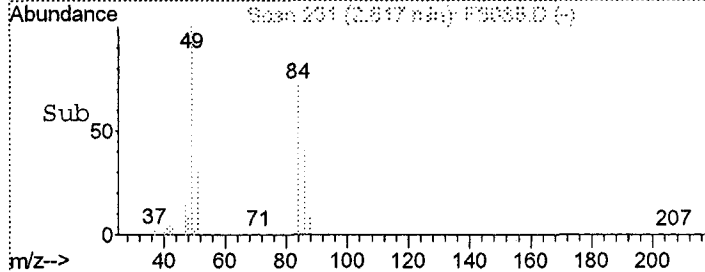
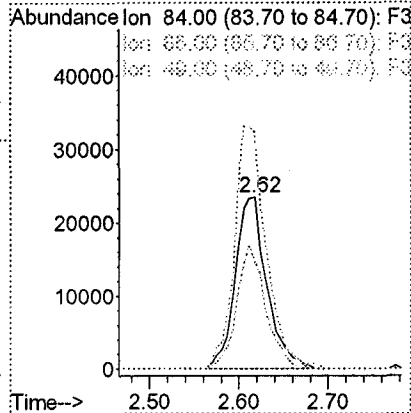
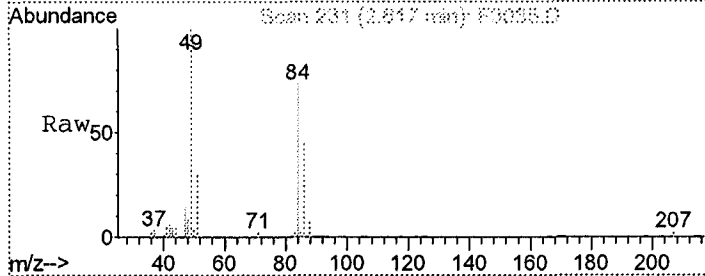
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	5921		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	3.46	43	41697	56.22	ng	93
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	4.77	83	23430	9.79	ng	# 71
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.68	92	9741		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	5.93	69	8370		N.D.	
48) C160 1,1,2-Trichloroethan	6.07	83	3788		N.D.	
49) C210 4-Methyl-2-pentanone	5.51	43	1954		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	6.21	43	20556		N.D.	
55) C235 Chlorobenzene	7.18	112	130		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.13	91	1948		N.D.	
58) C246 m,p-Xylene	7.25	106	5079		N.D.	
59) C247 o-Xylene	7.66	106	1006		N.D.	
60) C245 Styrene	0.00	104	0		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	8.04	105	162		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	8.38	83	3997		N.D.	
67) C282 1,2,3-Trichloropropa	8.42	110	549		N.D.	
68) C283 t-1,4-Dichloro-2-But	8.34	53	413		N.D.	
69) C302 n-Propylbenzene	8.48	91	1110		N.D.	
70) C303 O 2-Chlorotoluene	0.00	126	0		N.D.	
71) C289 P 4-Chlorotoluene	8.60	126	130		N.D.	
72) C304 1,3,5-Trimethylbenze	8.67	105	2344		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.08	105	2882		N.D.	
75) C308 sec-Butylbenzene	9.13	105	190		N.D.	
76) C260 1,3-Dichlorobenzene	9.38	146	223		N.D.	
77) C309 p-Cymene (4-Isopropy	9.42	119	177		N.D.	
78) C267 1,4-Dichlorobenzene	9.47	146	1037		N.D.	
79) C249 1,2-Dichlorobenzene	9.84	146	161		N.D.	
80) C310 n-Butylbenzene	9.83	91	632		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.33	75	269		N.D.	
82) C313 1,2,4-Trichlorobenze	11.26	180	408		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	11.45	128	6737		N.D.	
85) C934 1,2,3-Trichlorobenze	11.64	180	465		N.D.	

(#) = qualifier out of range (m) = manual integration



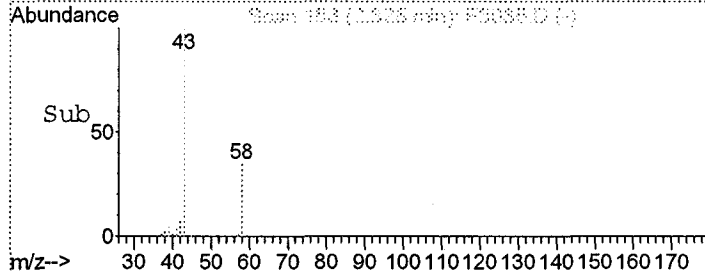
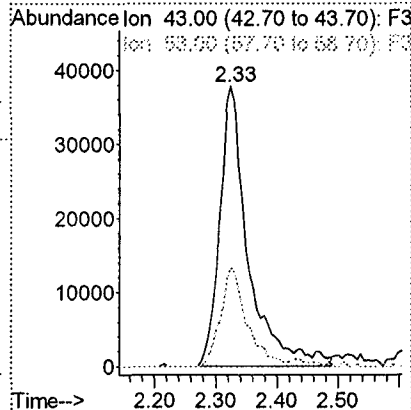
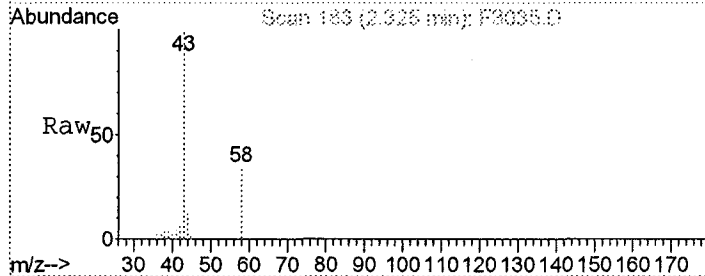
#10
 C030 Methylene chloride
 Concen: 10.51 ng
 RT: 2.62 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: F3035.D
 Acq: 1 Jul 2008 11:14

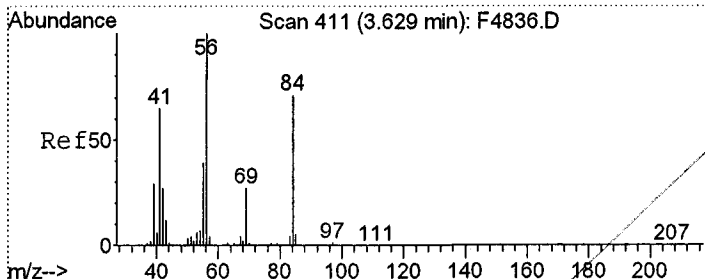
Tgt Ion:	84	Resp:	57418
Ion Ratio	Lower	Upper	
84	100		
86	62.1	40.0	100.0
49	137.9	95.0	155.0



#14
 C035 Acetone
 Concen: 323.97 ng
 RT: 2.33 min Scan# 183
 Delta R.T. 0.01 min
 Lab File: F3035.D
 Acq: 1 Jul 2008 11:14

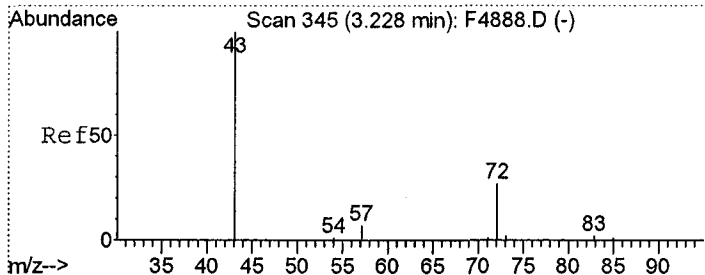
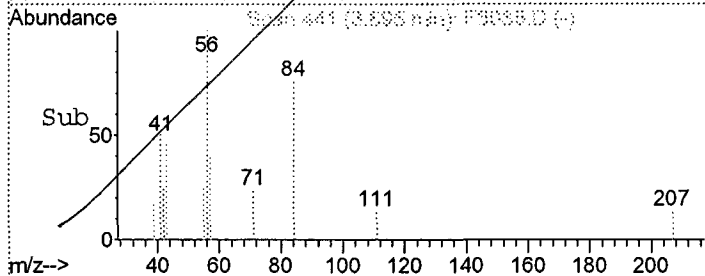
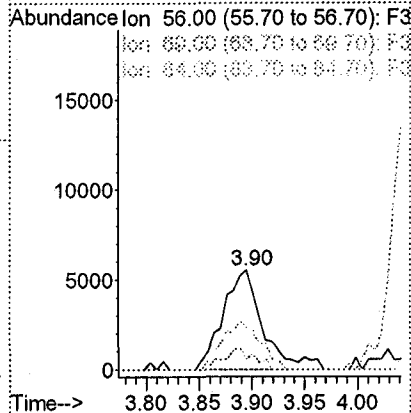
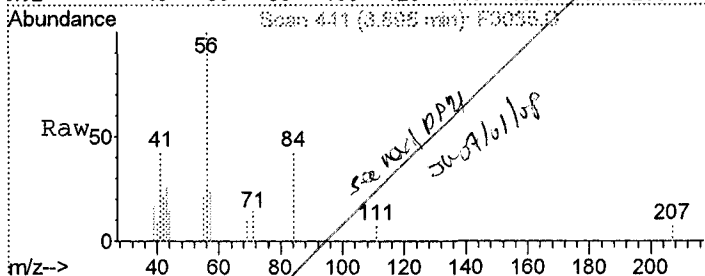
Tgt Ion:	43	Resp:	122146
Ion Ratio	Lower	Upper	
43	100		
58	35.3	3.0	63.0





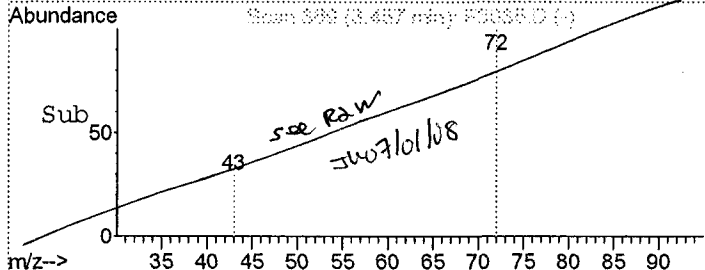
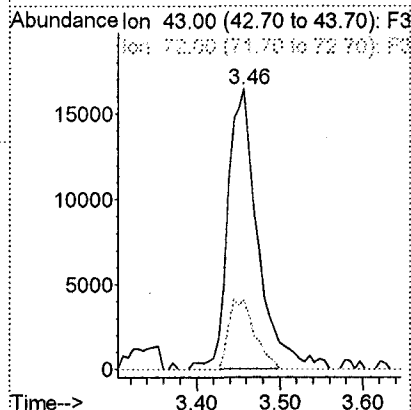
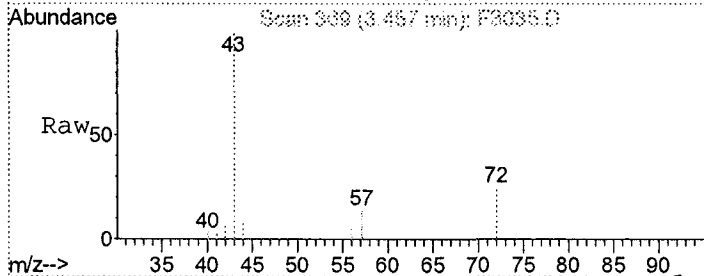
#28
 C256 Cyclohexane
 Concen: 5.42 ng
 RT: 3.90 min Scan# 441
 Delta R.T. 0.01 min
 Lab File: F3035.D
 Acq: 1 Jul 2008 11:14

Tgt Ion:	56	Resp:	14532
Ion Ratio	Lower	Upper	
56	100		
69	16.0	0.0	0.0#
84	45.7	0.0	0.0#



#35
 C110 2-Butanone
 Concen: 56.22 ng
 RT: 3.46 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: F3035.D
 Acq: 1 Jul 2008 11:14

Tgt Ion:	43	Resp:	41697
Ion Ratio	Lower	Upper	
43	100		
72	24.7	0.0	58.5

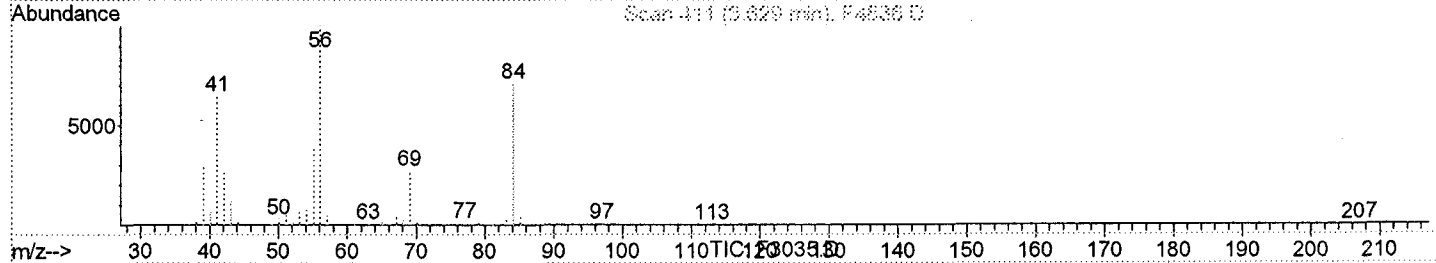
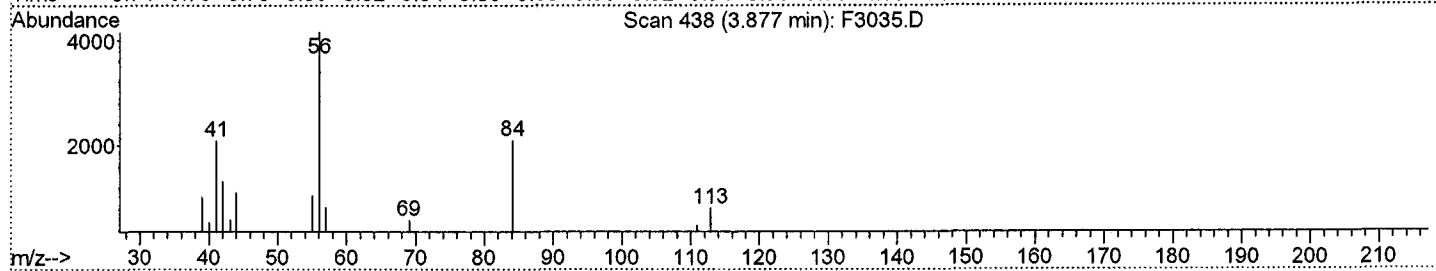
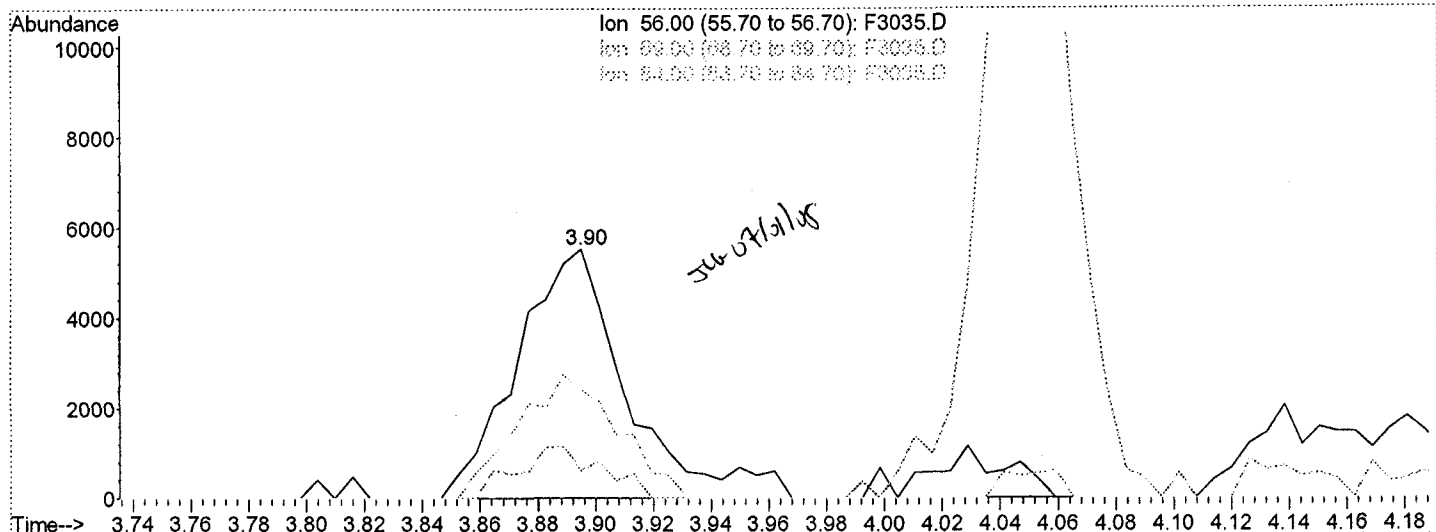


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Acq On : 1 Jul 2008 11:14
Sample : A8769102
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 1 17:00 2008

Vial: 8
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Multiple Level Calibration



(28) C256 Cyclohexane (T)

3.90min 5.42ng

response 14532

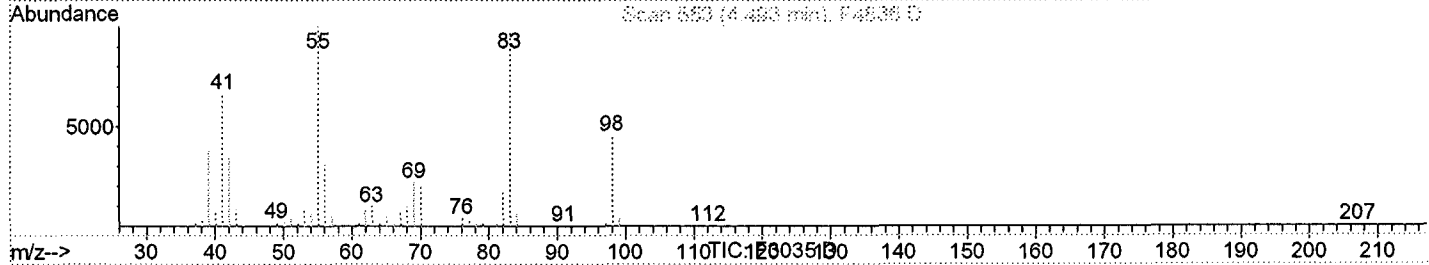
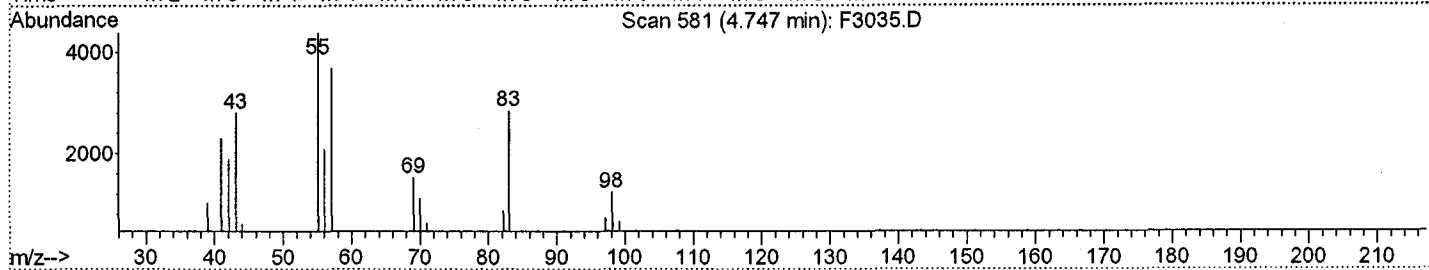
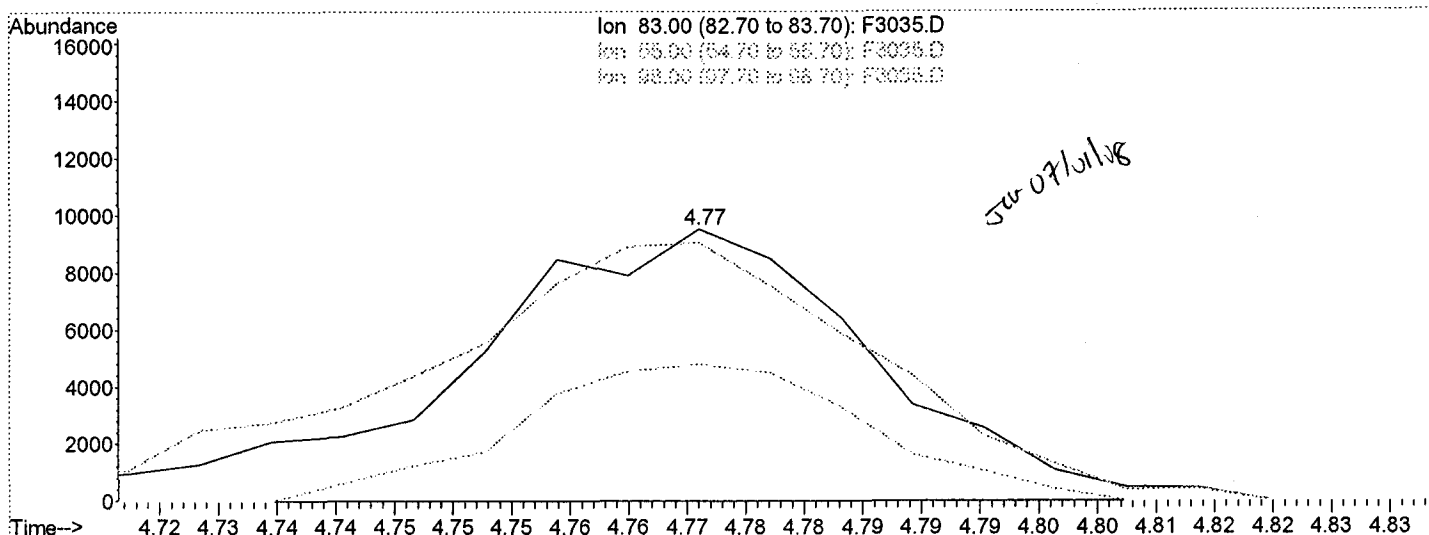
Ion	Exp%	Act%
56.00	100	100
69.00	0.00	16.02#
84.00	0.00	45.74#
0.00	0.00	0.00

Data File : H:\GCMS_VOA\F\070108\F3035.D
Acq On : 1 Jul 2008 11:14
Sample : A8769102
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 1 17:00 2008

Vial: 8
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Multiple Level Calibration



(38) C012 Methylcyclohexane (T)

4.77min 9.79ng

response 23430

Ion	Exp%	Act%
83.00	100	100
55.00	65.90	95.02#
98.00	40.20	50.24
0.00	0.00	0.00

Data File : H:\GCMS_VOA\F\070108\F3035.D
Acq On : 1 Jul 2008 11:14
Sample : A8769102
Misc :
MS Integration Params: Lscint.p

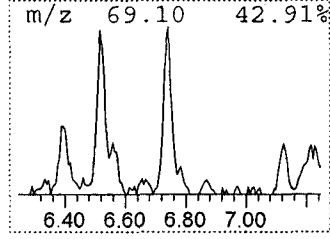
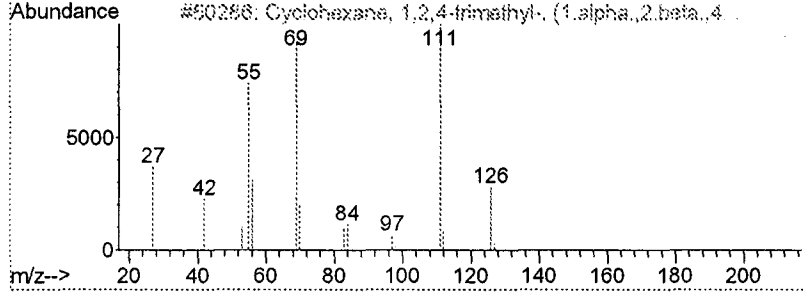
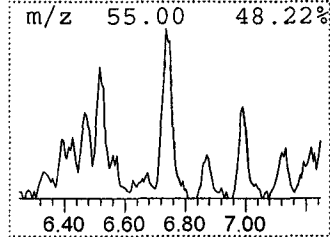
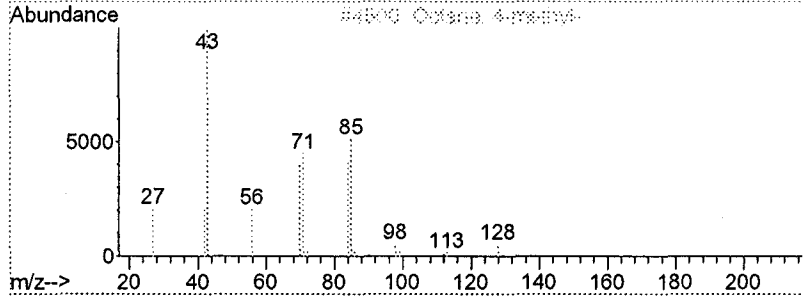
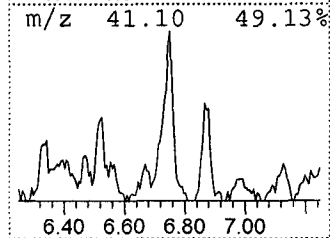
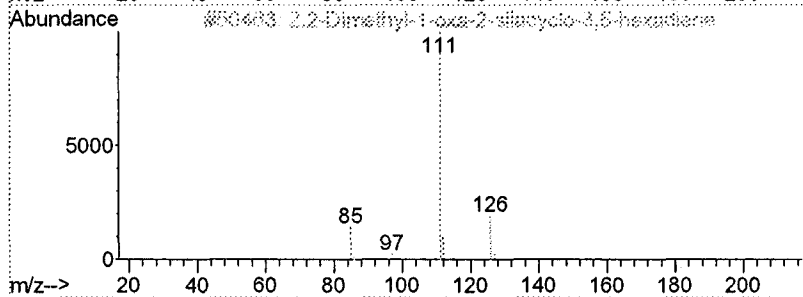
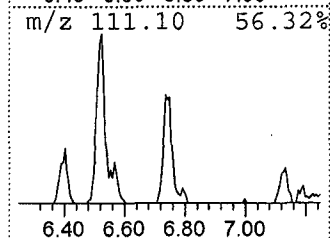
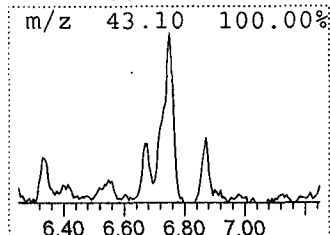
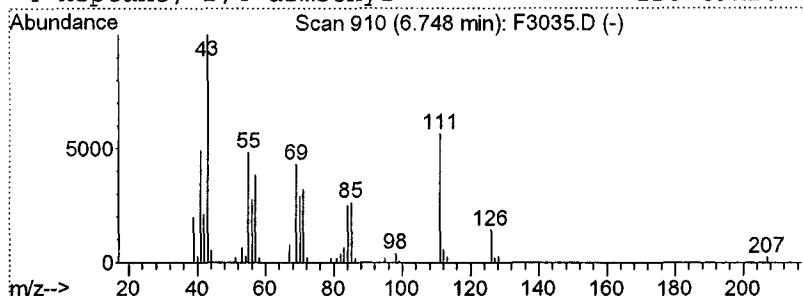
Vial: 8
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Library : C:\DATABASE\NIST98.L

Peak Number 1 2,2-Dimethyl-1-oxa-2-silacy... Concentration Rank 1

Table with 6 columns: R.T., EstConc, Area, Relative to ISTD, IS Area, R.T. Row 1: 6.75, 27.87 ng, 352021, CI20 Chlorobenze, 3157390, 6.99

Table with 7 columns: Hit# of 5, Tentative ID, MW, MolForm, CAS#, Qual. Lists 4 hits including 2,2-Dimethyl-1-oxa-2-silacyclo-3... and Octane, 4-methyl-



Operator ID: LH Date Acquired: 1 Jul 2008 11:14

Data File: H:\GCMS_VOA\F\070108\F3035.D

Name: A8769102

Misc:

Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)

Title: 8260 SOILS ENCON

Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,2-Dimethyl-1-ox...	6.75	27.9	ng	352021	2	6.99	3157390	250.0

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769103Sample wt/vol: 5.21 (g/mL) G Lab File ID: F3036.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. 14 Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
67-64-1-----	Acetone		28	U
71-43-2-----	Benzene		6	U
75-27-4-----	Bromodichloromethane		6	U
75-25-2-----	Bromoform		6	U
74-83-9-----	Bromomethane		6	U
78-93-3-----	2-Butanone		28	U
75-15-0-----	Carbon Disulfide		6	U
56-23-5-----	Carbon Tetrachloride		6	U
108-90-7-----	Chlorobenzene		6	U
75-00-3-----	Chloroethane		6	U
67-66-3-----	Chloroform		6	U
74-87-3-----	Chloromethane		6	U
110-82-7-----	Cyclohexane		6	U
106-93-4-----	1,2-Dibromoethane		6	U
124-48-1-----	Dibromochloromethane		6	U
96-12-8-----	1,2-Dibromo-3-chloropropane		6	U
95-50-1-----	1,2-Dichlorobenzene		6	U
541-73-1-----	1,3-Dichlorobenzene		6	U
106-46-7-----	1,4-Dichlorobenzene		6	U
75-71-8-----	Dichlorodifluoromethane		6	U
75-34-3-----	1,1-Dichloroethane		6	U
107-06-2-----	1,2-Dichloroethane		6	U
75-35-4-----	1,1-Dichloroethene		6	U
156-59-2-----	cis-1,2-Dichloroethene		6	U
156-60-5-----	trans-1,2-Dichloroethene		6	U
78-87-5-----	1,2-Dichloropropane		6	U
10061-01-5----	cis-1,3-Dichloropropene		6	U
10061-02-6----	trans-1,3-Dichloropropene		6	U
100-41-4-----	Ethylbenzene		6	U
591-78-6-----	2-Hexanone		28	U
98-82-8-----	Isopropylbenzene		6	U
79-20-9-----	Methyl acetate		6	U
108-87-2-----	Methylcyclohexane		6	U
75-09-2-----	Methylene chloride		6	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769103Sample wt/vol: 5.21 (g/mL) G Lab File ID: F3036.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. 14 Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-10-1-----	4-Methyl-2-pentanone	28	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5-----	Styrene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
127-18-4-----	Tetrachloroethene	6	U
108-88-3-----	Toluene	6	U
120-82-1-----	1,2,4-Trichlorobenzene	6	U
71-55-6-----	1,1,1-Trichloroethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4-----	Trichlorofluoromethane	6	U
79-01-6-----	Trichloroethene	6	U
75-01-4-----	Vinyl chloride	11	U
1330-20-7-----	Total Xylenes	17	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769103

Sample wt/vol: 5.21 (g/mL) G Lab File ID: F3036.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008

% Moisture: not dec. 14.0 Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

Mo 715
+ 712
Jul 01/01/08

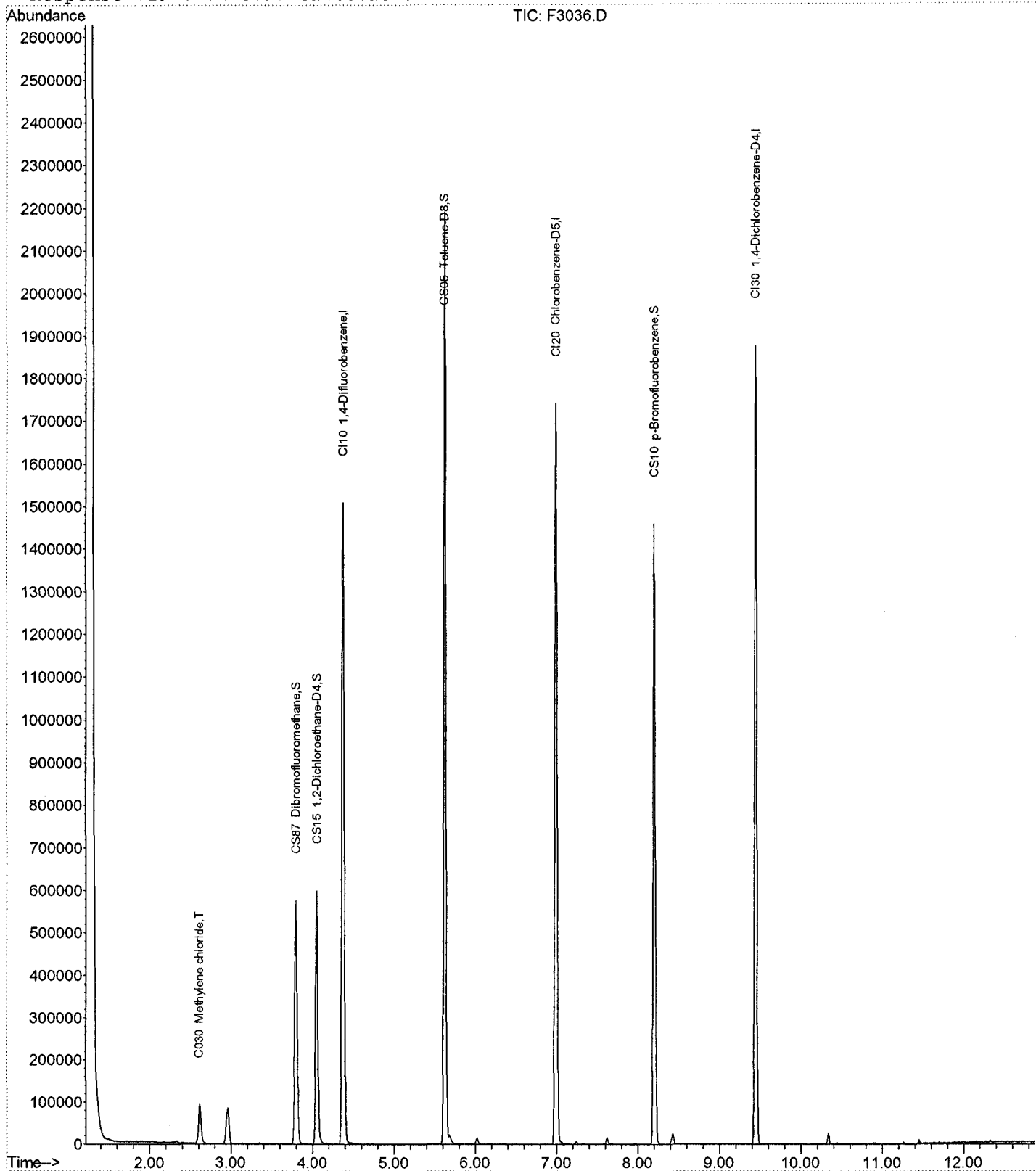
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Acq On : 1 Jul 2008 11:40
Sample : A8769103
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 1 17:00 2008

S. 21

Vial: 9
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Initial Calibration



No TIC
+ TIC
S. J. Johnson

Data File : H:\GCMS_VOA\F\070108\F3036.D
Acq On : 1 Jul 2008 11:40
Sample : A8769103
Misc :

Vial: 9
Operator: LH
Inst : HP5973F
Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Jul 01 17:00:54 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Initial Calibration
DataAcq Meth : VOA

4-16
07/01/08

IS QA File : H:\GCMS_VOA\F\070108\F3029.D (1 Jul 2008 8:32)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1235391	250.00	ng	0.00	94.94%
43) CI20 Chlorobenzene-D5	6.99	82	586500	250.00	ng	0.00	93.43%
63) CI30 1,4-Dichlorobenzene-	9.44	152	516011	250.00	ng	0.00	93.01%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.80	111	380187	259.27	ng	0.00	
Spiked Amount	250.000	Range	70 - 130	Recovery	=	103.71%	
32) CS15 1,2-Dichloroethane-D	4.05	65	424147	243.37	ng	0.00	
Spiked Amount	250.000	Range	64 - 126	Recovery	=	97.35%	
44) CS05 Toluene-D8	5.62	98	1572524	265.24	ng	0.00	
Spiked Amount	250.000	Range	71 - 125	Recovery	=	106.10%	
62) CS10 p-Bromofluorobenzene	8.20	174	434053	248.49	ng	0.00	
Spiked Amount	250.000	Range	72 - 126	Recovery	=	99.40%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	1.45	50	179	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.61	84	51193	6.51	ng	95
11) C040 Carbon disulfide	2.47	76	1334	N.D.		
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.33	43	7400	N.D.		
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	0.00	43	0	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	3.68	42	346	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.69	83	1255	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

[Handwritten signature]

(#) = qualifier out of range (m) = manual integration

Data File : H:\GCMS_VOA\F\070108\F3036.D
 Acq On : 1 Jul 2008 11:40
 Sample : A8769103
 Misc :

Vial: 9
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Jul 01 17:00:54 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON

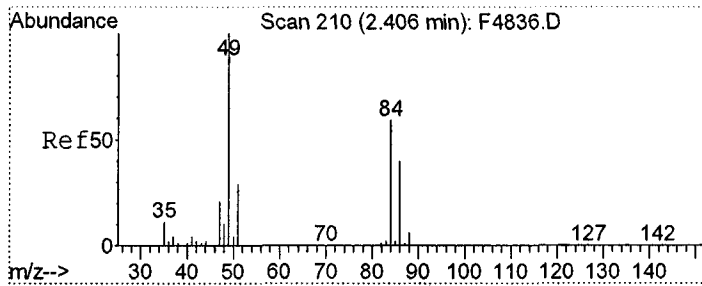
Last Update : Tue Jul 01 09:52:08 2008

Response via : Initial Calibration

DataAcq Meth : VOA

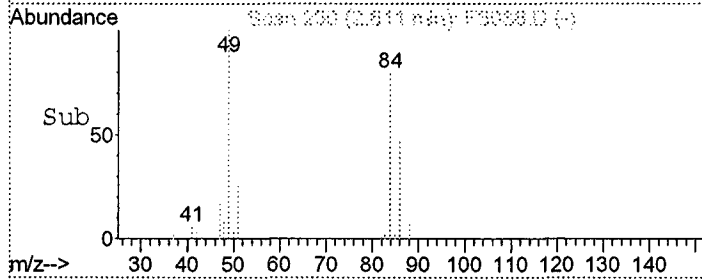
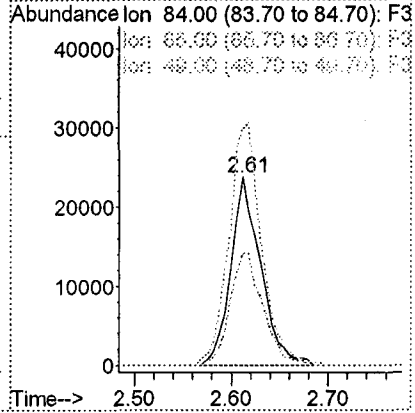
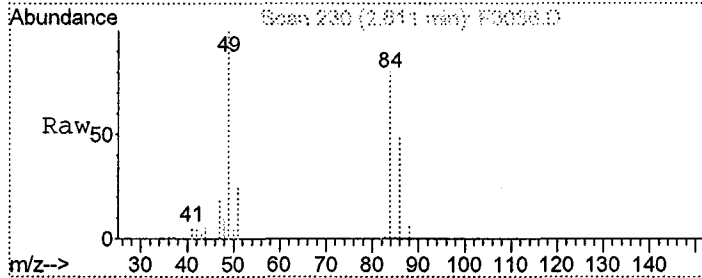
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	3453		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	0.00	43	0		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	0.00	83	0		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.69	92	5744		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.62	43	5553		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	6.28	43	185		N.D.	
55) C235 Chlorobenzene	0.00	112	0		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.13	91	1174		N.D.	
58) C246 m,p-Xylene	7.25	106	2035		N.D.	
59) C247 o-Xylene	7.66	106	721		N.D.	
60) C245 Styrene	0.00	104	0		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	8.20	105	400		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	0.00	53	0		N.D.	
69) C302 n-Propylbenzene	8.48	91	388		N.D.	
70) C303 O 2-Chlorotoluene	0.00	126	0		N.D.	
71) C289 P 4-Chlorotoluene	0.00	126	0		N.D.	
72) C304 1,3,5-Trimethylbenze	0.00	105	0		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.08	105	1196		N.D.	
75) C308 sec-Butylbenzene	9.08	105	1196		N.D.	
76) C260 1,3-Dichlorobenzene	9.46	146	1132		N.D.	
77) C309 p-Cymene (4-Isopropy	0.00	119	0		N.D.	
78) C267 1,4-Dichlorobenzene	9.46	146	1132		N.D.	
79) C249 1,2-Dichlorobenzene	0.00	146	0		N.D.	
80) C310 n-Butylbenzene	0.00	91	0		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.34	75	659		N.D.	
82) C313 1,2,4-Trichlorobenze	11.26	180	329		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	11.45	128	6311		N.D.	
85) C934 1,2,3-Trichlorobenze	0.00	180	0		N.D.	

(#) = qualifier out of range (m) = manual integration



#10
 C030 Methylene chloride
 Concen: 6.51 ng
 RT: 2.61 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: F3036.D
 Acq: 1 Jul 2008 11:40

Tgt Ion	Resp	Lower	Upper
84	51193		
86	59.9	40.0	100.0
49	125.4	95.0	155.0



Operator ID: LH Date Acquired: 1 Jul 2008 11:40
Data File: H:\GCMS_VOA\F\070108\F3036.D
Name: A8769103
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769104Sample wt/vol: 4.30 (g/mL) G Lab File ID: P9239.RRLevel: (low/med) MED Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. 18 Heated Purge: N Date Analyzed: 07/08/2008GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

67-64-1-----	Acetone		710	U
71-43-2-----	Benzene		140	U
75-27-4-----	Bromodichloromethane		140	U
75-25-2-----	Bromoform		140	U
74-83-9-----	Bromomethane		140	U
78-93-3-----	2-Butanone		710	U
75-15-0-----	Carbon Disulfide		140	U
56-23-5-----	Carbon Tetrachloride		140	U
108-90-7-----	Chlorobenzene		140	U
75-00-3-----	Chloroethane		140	U
67-66-3-----	Chloroform		140	U
74-87-3-----	Chloromethane		140	U
110-82-7-----	Cyclohexane		140	U
106-93-4-----	1,2-Dibromoethane		140	U
124-48-1-----	Dibromochloromethane		140	U
96-12-8-----	1,2-Dibromo-3-chloropropane		140	U
95-50-1-----	1,2-Dichlorobenzene		140	U
541-73-1-----	1,3-Dichlorobenzene		140	U
106-46-7-----	1,4-Dichlorobenzene		140	U
75-71-8-----	Dichlorodifluoromethane		140	U
75-34-3-----	1,1-Dichloroethane		140	U
107-06-2-----	1,2-Dichloroethane		140	U
75-35-4-----	1,1-Dichloroethene		140	U
156-59-2-----	cis-1,2-Dichloroethene		140	U
156-60-5-----	trans-1,2-Dichloroethene		140	U
78-87-5-----	1,2-Dichloropropane		140	U
10061-01-5----	cis-1,3-Dichloropropene		140	U
10061-02-6----	trans-1,3-Dichloropropene		140	U
100-41-4-----	Ethylbenzene		140	U
591-78-6-----	2-Hexanone		710	U
98-82-8-----	Isopropylbenzene		140	U
79-20-9-----	Methyl acetate		200	
108-87-2-----	Methylcyclohexane		140	U
75-09-2-----	Methylene chloride		140	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769104Sample wt/vol: 4.30 (g/mL) G Lab File ID: P9239.RRLevel: (low/med) MED Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. 18 Heated Purge: N Date Analyzed: 07/08/2008GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-10-1-----	4-Methyl-2-pentanone	710		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	140		U
100-42-5-----	Styrene	140		U
79-34-5-----	1,1,2,2-Tetrachloroethane	140		U
127-18-4-----	Tetrachloroethene	140		U
108-88-3-----	Toluene	140		U
120-82-1-----	1,2,4-Trichlorobenzene	140		U
71-55-6-----	1,1,1-Trichloroethane	140		U
79-00-5-----	1,1,2-Trichloroethane	140		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	140		U
75-69-4-----	Trichlorofluoromethane	140		U
79-01-6-----	Trichloroethene	140		U
75-01-4-----	Vinyl chloride	280		U
1330-20-7-----	Total Xylenes	420		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769104Sample wt/vol: 4.30 (g/mL) G Lab File ID: P9239.RRLevel: (low/med) MED Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. 18.1 Date Analyzed: 07/08/2008GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	10.28	5700	J
2. 589-90-2	CYCLOHEXANE, 1,4-DIMETHYL-	12.16	5600	JN
3. 3073-66-3	CYCLOHAXANE, 1,1,3-TRIMETHY-	12.86	6700	JN
4. 19489-10-2	CIS-1-ETHYL-3-METHYL-CYCLOH	13.88	7200	JN
5.	UNKNOWN	14.29	6200	J
6.	UNKNOWN	14.48	9200	J
7.	UNKNOWN	14.76	6300	J
8. 1678-93-9	CYCLOHEXANE, BUTYL-	16.68	6000	JN
9.	UNKNOWN	17.49	6000	J
10.	UNKNOWN	18.45	6600	J

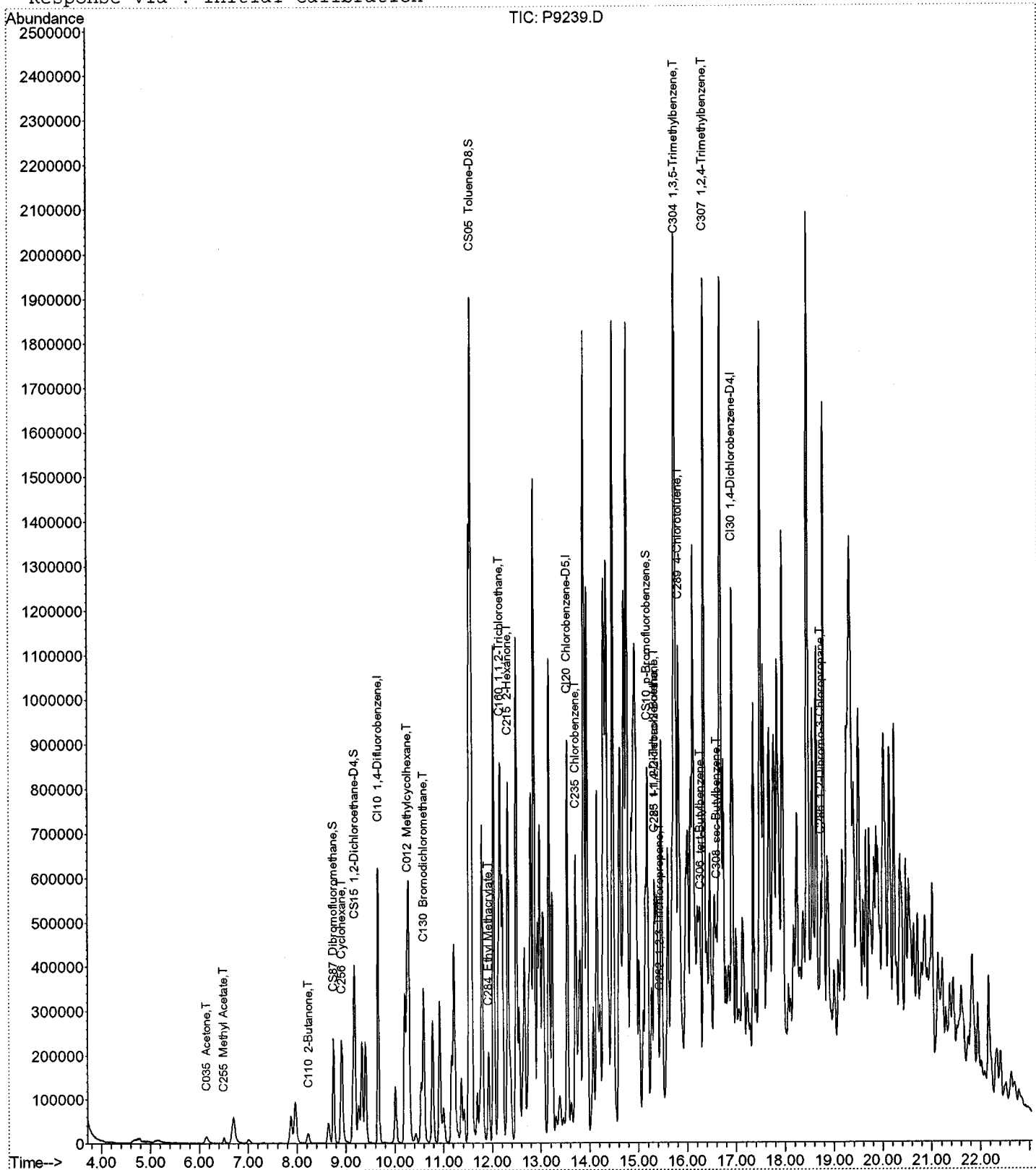
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Acq On : 8 Jul 2008 7:33
Sample : A8769104 ML DF1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 8 8:55 2008

Vial: 48
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

4.30

Quant Results File: A8I0000432.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Tue Jul 08 08:54:16 2008
Response via : Initial Calibration



Data File : H:\GCMS_VOA\P\070708\P9239.D
 Acq On : 8 Jul 2008 7:33
 Sample : A8769104 ML DF1
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 08 08:56:00 2008

Vial: 48
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

OK Matrix

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)

Title : 8260 5ML
 Last Update : Tue Jul 08 08:54:16 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\P\070708\P9219.D (7 Jul 2008 21:59)

Handwritten notes:
 HAS TIC
 STE
 7/8/08
 WA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	542163	125.00	ng	0.00	84.21%
43) CI20 Chlorobenzene-D5	13.54	117	516877	125.00	ng	0.00	88.26%
62) CI30 1,4-Dichlorobenzene-	16.91	152	291962	125.00	ng	0.00	94.61%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.74	111	174383	115.62	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	92.50%	
31) CS15 1,2-Dichloroethane-D	9.18	65	272241	127.95	ng	0.00	
Spiked Amount	125.000	Range	66 - 137	Recovery	=	102.36%	
44) CS05 Toluene-D8	11.57	98	703595	122.00	ng	0.00	
Spiked Amount	125.000	Range	71 - 126	Recovery	=	97.60%	
61) CS10 p-Bromofluorobenzene	15.19	174	195575	107.50	ng	0.00	
Spiked Amount	125.000	Range	73 - 120	Recovery	=	86.00%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	6.69	84	7786	Below Cal	#	85
10) C040 Carbon disulfide	0.00	76	0	N.D.		
11) C036 Acrolein	0.00	56	0	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	6.14	43	16486	20.25 ng	#	64
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255 Methyl Acetate	6.51	43	23472	7.12 ng		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	7.33	43	114	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	8.65	42	2038	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	8.54	83	385	N.D.		
27) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120 Carbon tetrachloride	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165 Benzene	9.32	78	110	N.D.		

Handwritten note: IS present

Handwritten signature: mjs 8/5/08

(#) = qualifier out of range (m) = manual integration

Data File : H:\GCMS_VOA\P\070708\P9239.D
 Acq On : 8 Jul 2008 7:33
 Sample : A8769104 ML DF1
 Misc :

Vial: 48
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

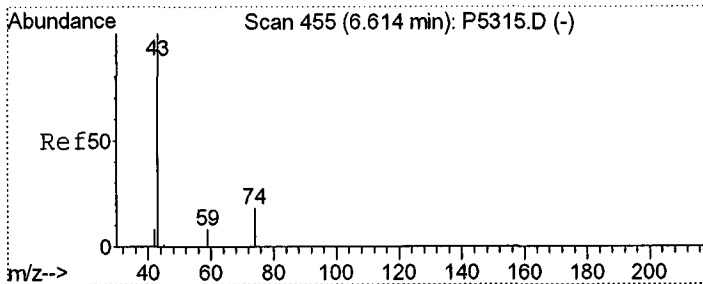
MS Integration Params: RTEINT.P
 Quant Time: Jul 08 08:56:00 2008

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Tue Jul 08 08:54:16 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

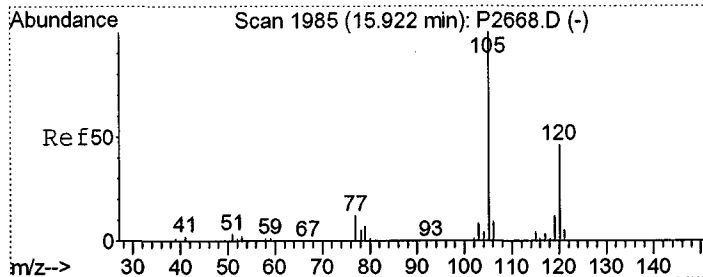
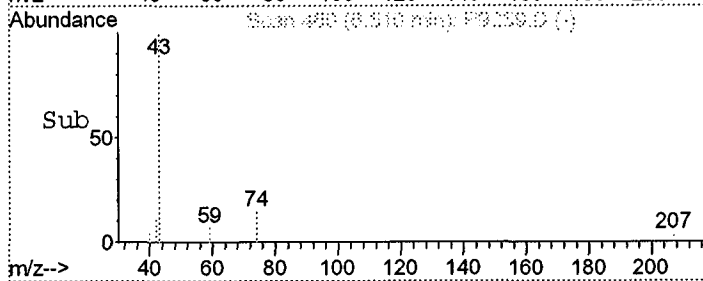
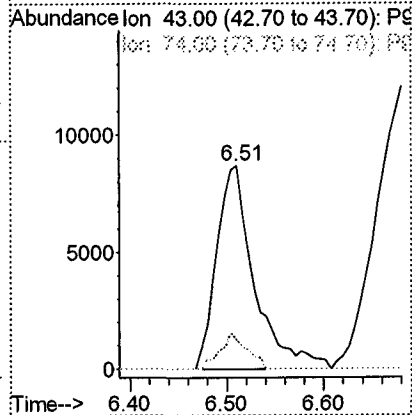
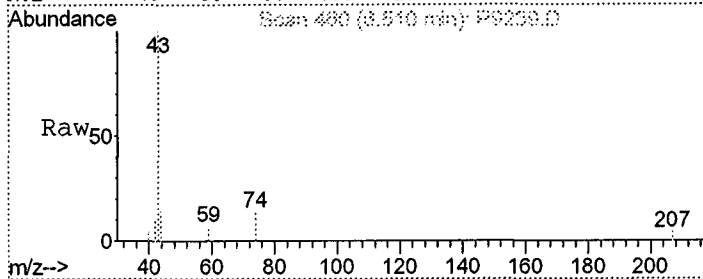
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C065 1,2-Dichloroethane	0.00	62	0	N.D.		
34) C110 2-Butanone	8.23	43	14208	10.06 ng	#	51
35) C256 Cyclohexane	8.91	56	181967	49.74 ng	#	19
36) C150 Trichloroethene	10.19	95	150	N.D.		
37) C140 1,2-Dichloropropane	10.26	63	2401	N.D.		
38) C278 Dibromomethane	10.59	93	780	N.D.		
39) C130 Bromodichloromethane	10.59	83	10908	5.58 ng	#	66
40) C161 2-Chloroethylvinyl E	10.77	63	623	N.D.		
41) C012 Methylcyclohexane	10.26	83	80848	37.19 ng	#	1
42) C145 cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45) C230 Toluene	11.66	92	1254	N.D.		
46) C170 trans-1,3-Dichloropr	0.00	75	0	N.D.		
47) C284 Ethyl Methacrylate	11.92	69	47078	21.50 ng	#	85
48) C160 1,1,2-Trichloroethan	12.16	83	30696	22.87 ng	#	1
49) C210 4-Methyl-2-pentanone	11.30	43	15111	N.D.		
50) C220 Tetrachloroethene	0.00	166	0	N.D.		
51) C221 1,3-Dichloropropane	0.00	76	0	N.D.		
52) C155 Dibromochloromethane	0.00	129	0	N.D.		
53) C163 1,2-Dibromoethane	12.93	107	584	N.D.		
54) C215 2-Hexanone	12.33	43	541439	276.03 ng	#	19
55) C235 Chlorobenzene	15.72	112	10592	2.31 ng	#	79
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57) C240 Ethylbenzene	13.71	91	4688	N.D.		
58) C246 m,p-Xylene	13.84	106	123	N.D.		
59) C247 o-Xylene	0.00	106	0	N.D.		
60) C245 Styrene	0.00	104	0	N.D.		
63) C180 Bromoform	0.00	173	0	N.D.		
64) C966 Isopropylbenzene	14.94	105	290	N.D.		
65) C301 Bromobenzene	0.00	156	0	N.D.		
66) C225 1,1,2,2-Tetrachloroe	15.33	83	10924	4.64 ng	#	53
67) C282 1,2,3-Trichloropropa	15.43	110	4438	6.10 ng		100
68) C283 t-1,4-Dichloro-2-But	15.33	51	14281	40.85 ng	#	1
69) C302 n-Propylbenzene	15.56	91	1658	N.D.		
70) C303 2-Chlorotoluene	15.74	126	1995	N.D.		
71) C289 4-Chlorotoluene	15.83	126	5383	2.72 ng		100
72) C304 1,3,5-Trimethylbenze	15.76	105	572645	86.97 ng	#	51
73) C306 tert-Butylbenzene	16.27	134	2953	2.26 ng		100
74) C307 1,2,4-Trimethylbenze	16.34	105	925822	138.37 ng		100
75) C308 sec-Butylbenzene	16.60	105	47390	6.31 ng		96
76) C260 1,3-Dichlorobenzene	0.00	146	0	N.D.		
77) C309 4-Isopropyltoluene	16.61	119	454	N.D.		
78) C267 1,4-Dichlorobenzene	0.00	146	0	N.D.		
79) C249 1,2-Dichlorobenzene	0.00	146	0	N.D.		
80) C310 n-Butylbenzene	17.41	91	6154	N.D.		
81) C286 1,2-Dibromo-3-Chloro	18.73	75	1077	10.81 ng	#	8
82) C313 1,2,4-Trichlorobenze	19.96	180	565	N.D.		
83) C316 Hexachlorobutadiene	0.00	225	0	N.D.		
84) C314 Naphthalene	20.34	128	2919	N.D.		
85) C934 1,2,3-Trichlorobenze	20.72	180	4065	N.D.		

(#) = qualifier out of range (m) = manual integration



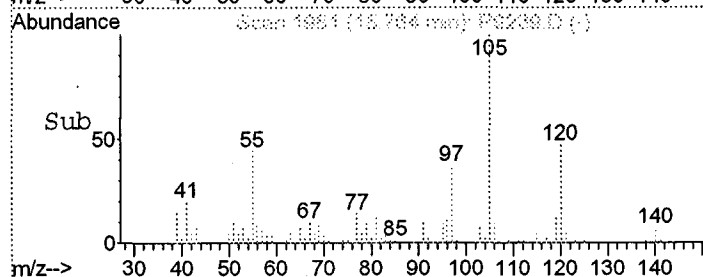
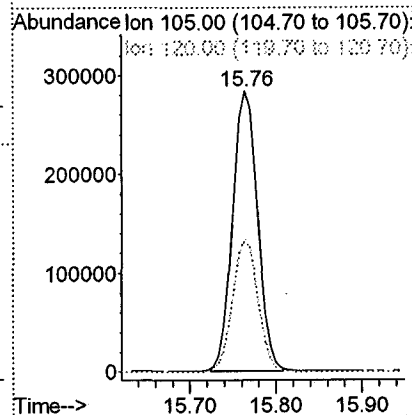
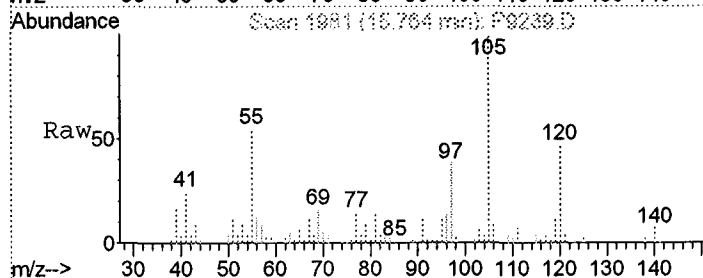
#19
 C255 Methyl Acetate
 Concen: 7.12 ng
 RT: 6.51 min Scan# 460
 Delta R.T. 0.02 min
 Lab File: P9239.D
 Acq: 8 Jul 2008 7:33

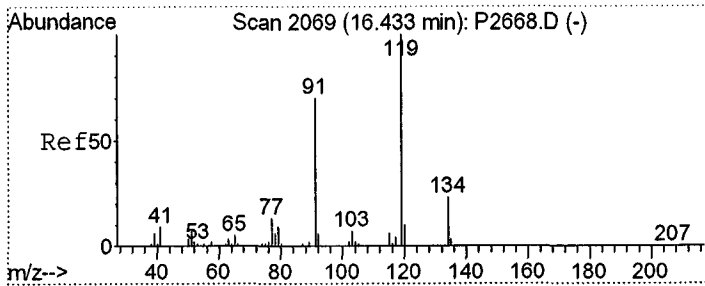
Tgt Ion	Resp	Lower	Upper
43	100		
74	12.8	17.0	25.4#



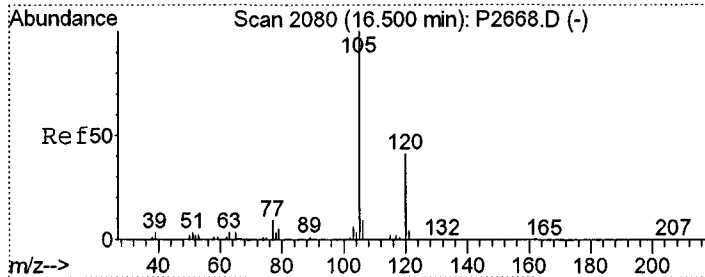
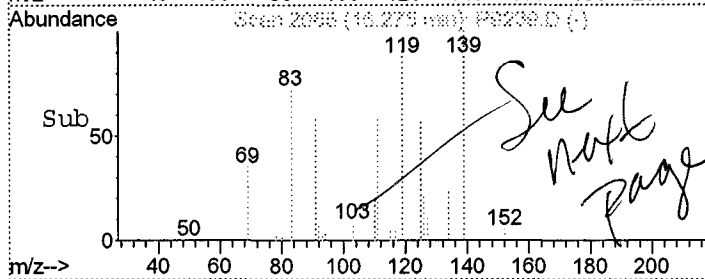
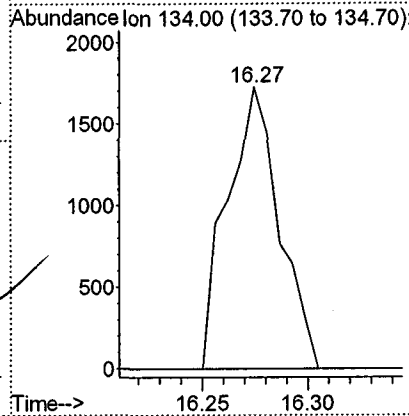
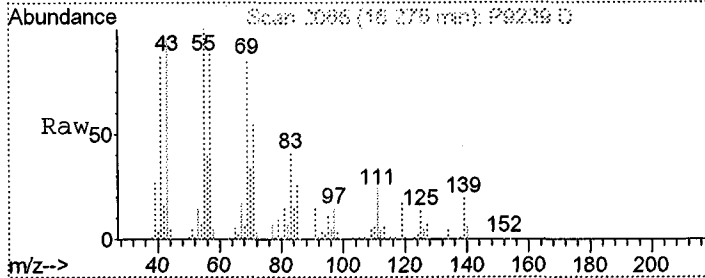
#72
 C304 1,3,5-Trimethylbenzene
 Concen: 86.97 ng
 RT: 15.76 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: P9239.D
 Acq: 8 Jul 2008 7:33

Tgt Ion	Resp	Lower	Upper
105	100		
120	47.1	3.1	43.1#



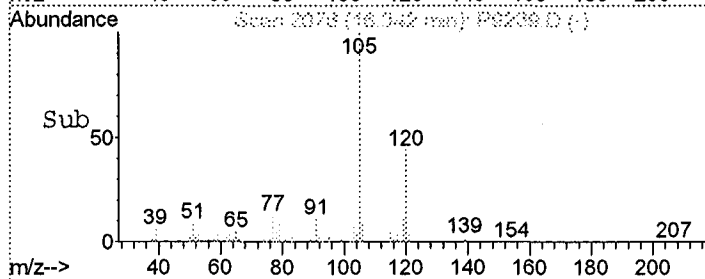
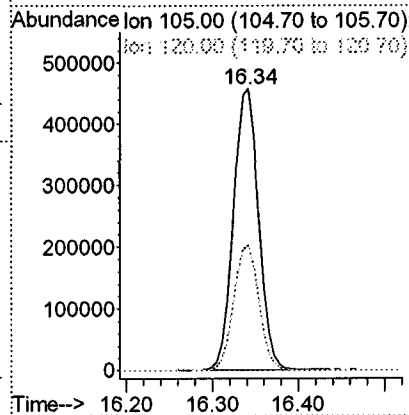
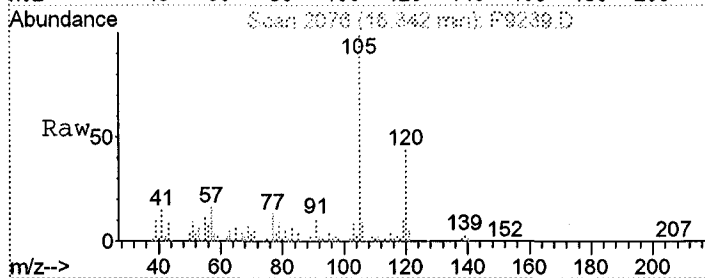


#73
 C306 tert-Butylbenzene
 Concen: 2.26 ng
 RT: 16.27 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: P9239.D
 Acq: 8 Jul 2008 7:33
 Tgt Ion:134 Resp: 2953



#74
 C307 1,2,4-Trimethylbenzene
 Concen: 138.37 ng
 RT: 16.34 min Scan# 2076
 Delta R.T. 0.01 min
 Lab File: P9239.D
 Acq: 8 Jul 2008 7:33

Tgt Ion:105 Resp: 925822
 Ion Ratio Lower Upper
 105 100
 120 44.4 24.2 64.2

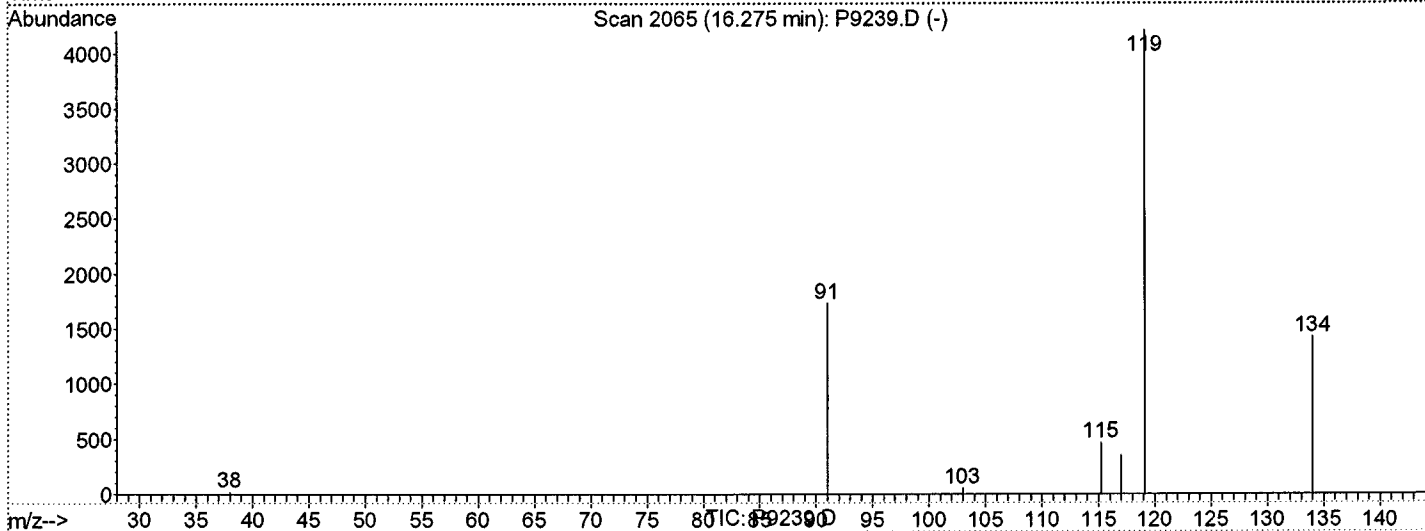
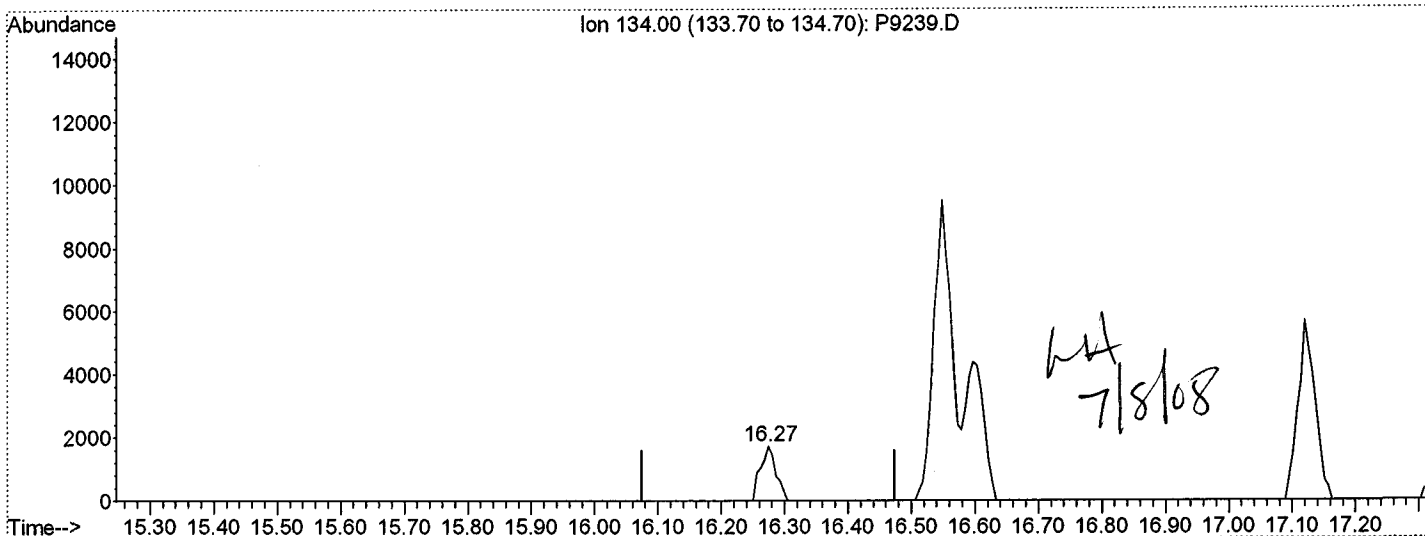


Data File : H:\GCMS_VOA\P\070708\P9239.D
Acq On : 8 Jul 2008 7:33
Sample : A8769104 ML DF1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 8 9:33 2008

Vial: 48
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Jul 07 23:26:49 2008
Response via : Multiple Level Calibration

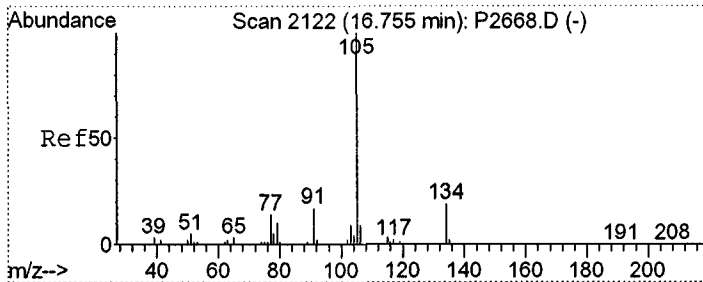


(73) C306 tert-Butylbenzene (T)

16.27min 2.26ng

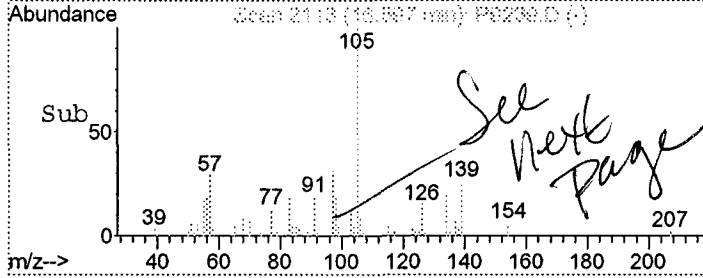
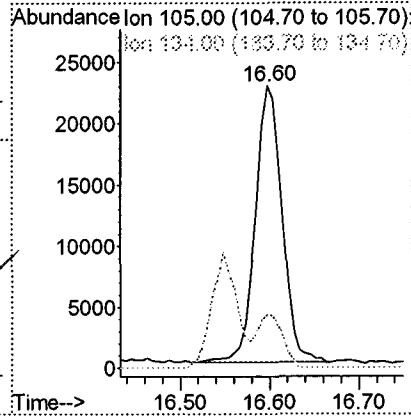
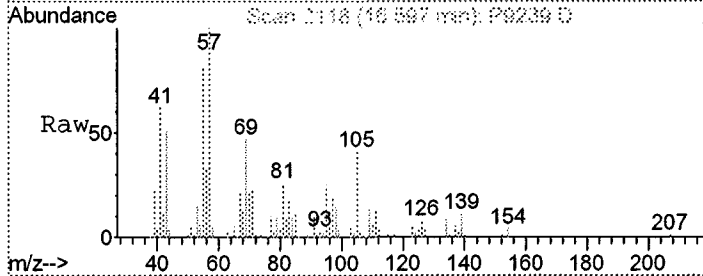
response 2953

Ion	Exp%	Act%
134.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00



#75
 C308 sec-Butylbenzene
 Concen: 6.31 ng
 RT: 16.60 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: P9239.D
 Acq: 8 Jul 2008 7:33

Tgt Ion	Resp	Lower	Upper
105	100		
134	18.9	0.0	37.4

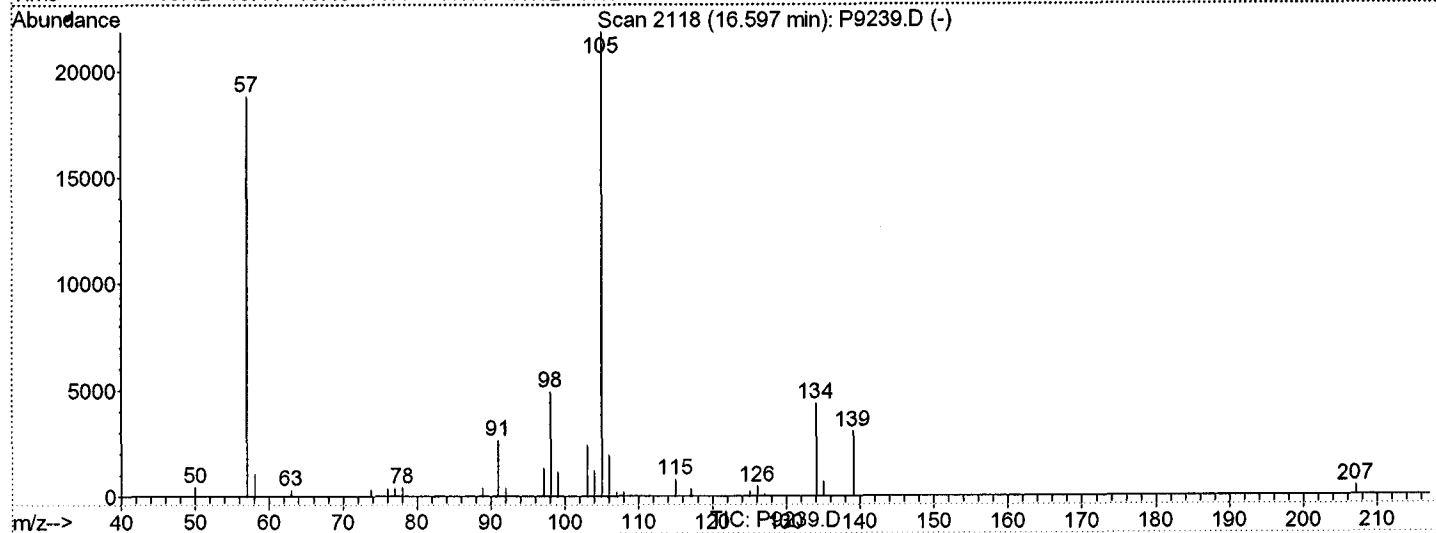
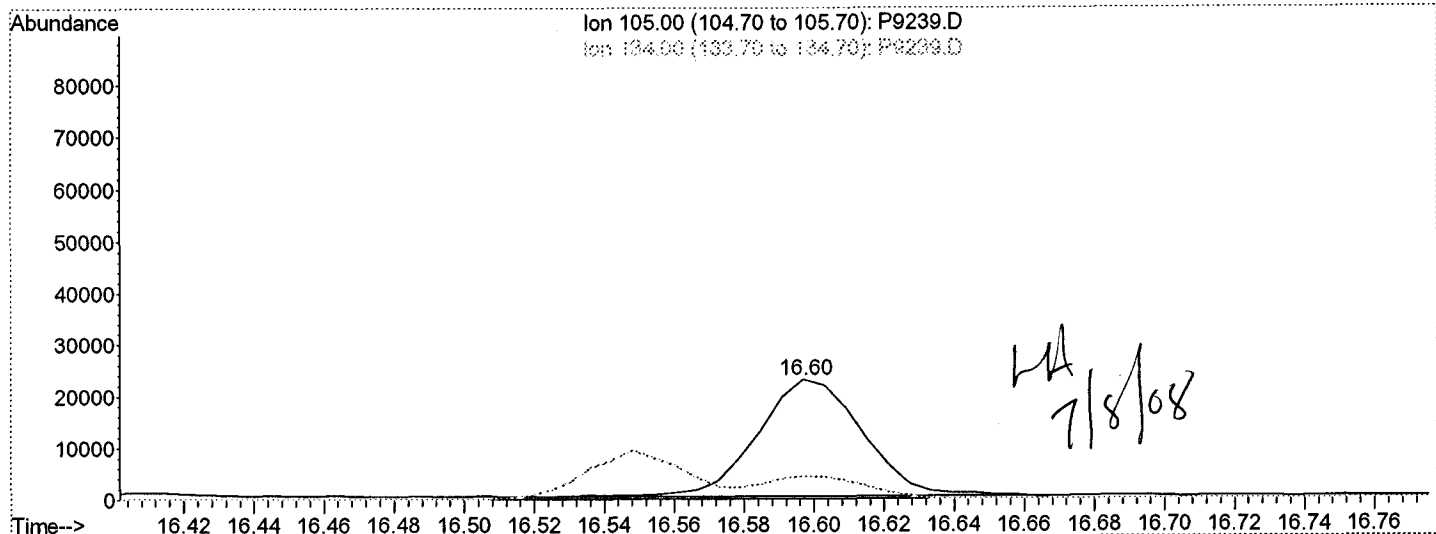


Data File : H:\GCMS_VOA\P\070708\P9239.D
Acq On : 8 Jul 2008 7:33
Sample : A8769104 ML DF1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 8 9:33 2008

Vial: 48
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Jul 07 23:26:49 2008
Response via : Multiple Level Calibration



(75) C308 sec-Butylbenzene (T)

16.60min 6.31ng

response 47390

Ion	Exp%	Act%
105.00	100	100
134.00	17.40	18.95
0.00	0.00	0.00
0.00	0.00	0.00

Data File : H:\GCMS_VOA\P\070708\P9239.D
 Acq On : 8 Jul 2008 7:33
 Sample : A8769104 ML DF1
 Misc :
 MS Integration Params: LSCINT.P

Vial: 48
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)

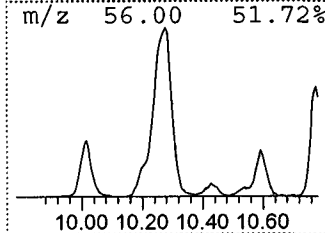
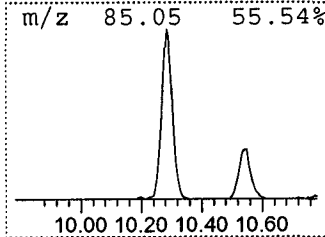
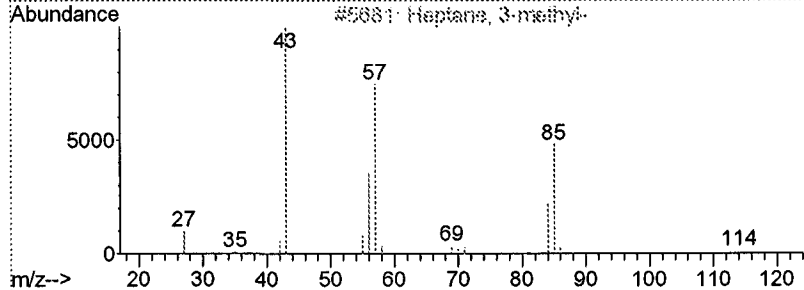
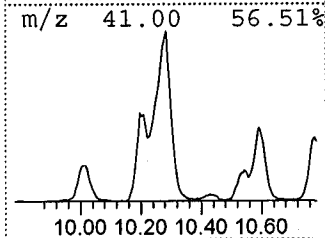
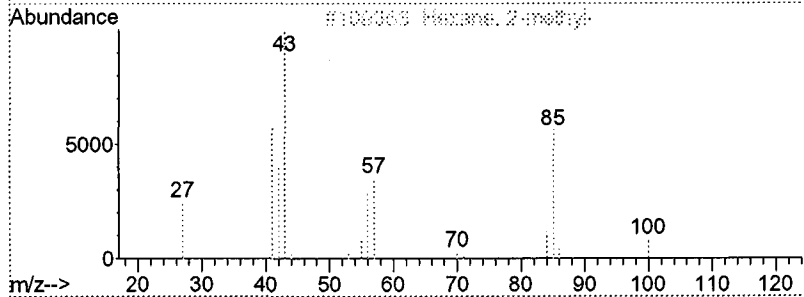
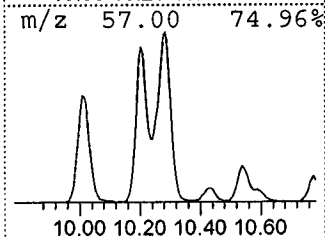
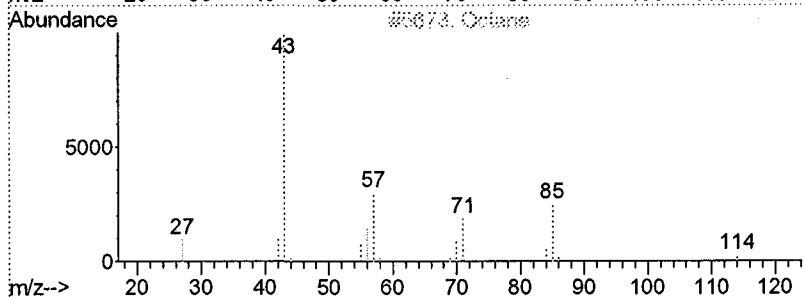
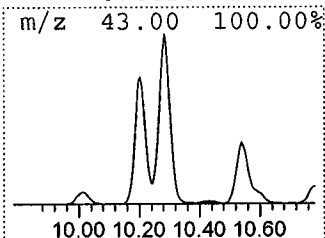
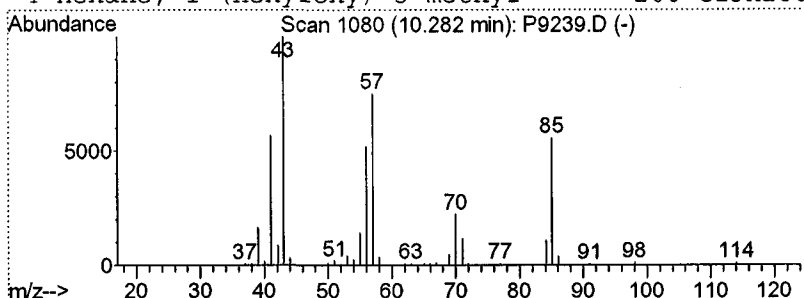
Title : 8260 5ML

Library : C:\DATABASE\NIST98.L

 Peak Number 1 Octane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
10.28	201.19 ng	2154540	CI10 1,4-Difluor	1338600	9.66

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane	114	C8H18	000111-65-9	64
2		Hexane, 2-methyl-	100	C7H16	000591-76-4	59
3		Heptane, 3-methyl-	114	C8H18	000589-81-1	59
4		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	53



Data File : H:\GCMS_VOA\... Acq On : 8 Jul 2008 7:33 Sample : A8769104 ML DF1 Misc : MS Integration Params: LSCINT.P

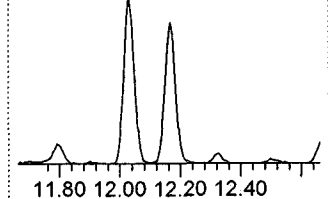
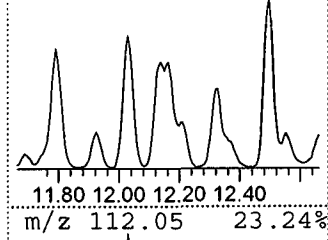
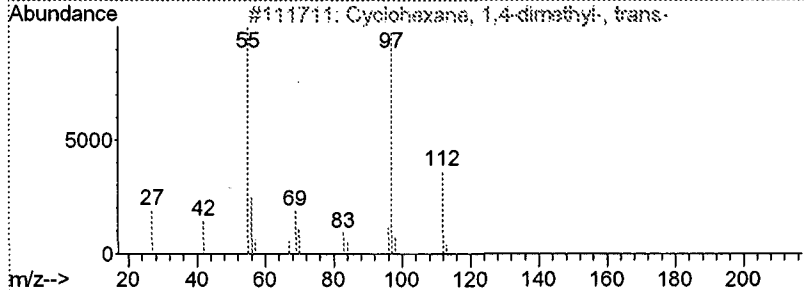
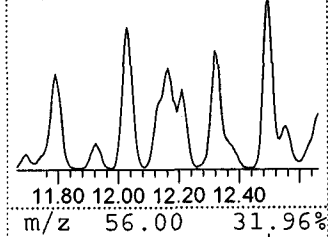
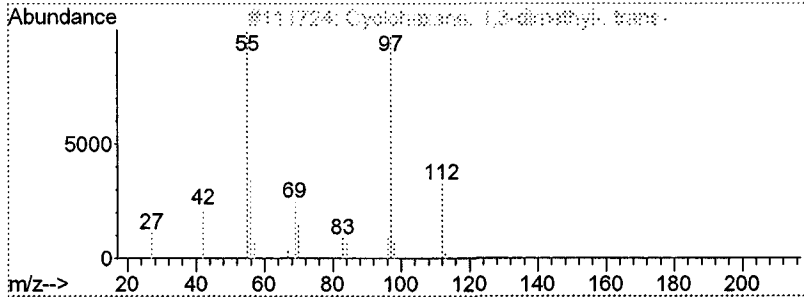
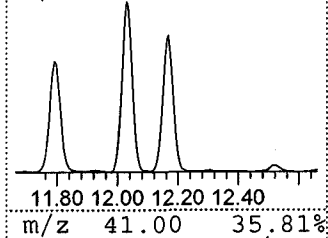
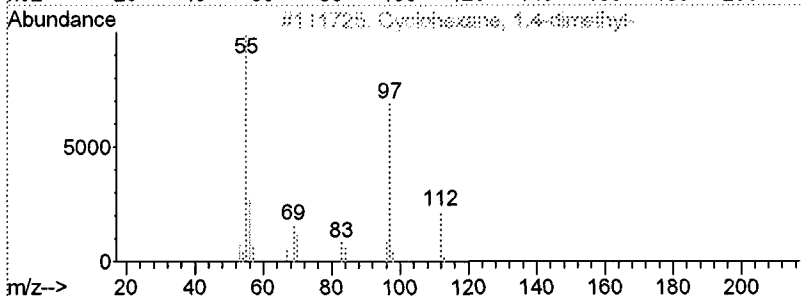
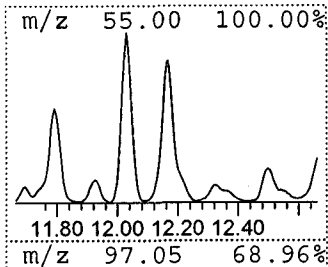
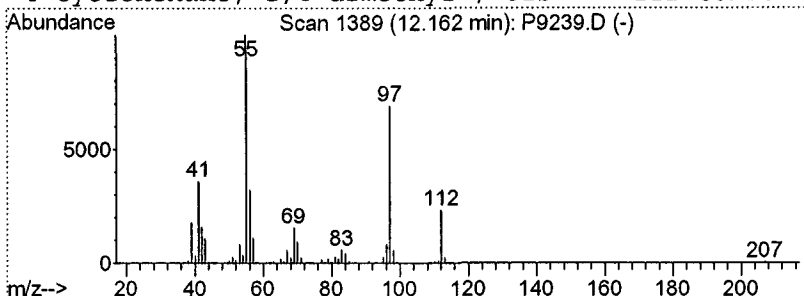
Vial: 48 Operator: JLG Inst : HP5973 P Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator) Title : 8260 5ML Library : C:\DATABASE\NIST98.L

***** Peak Number 2 Cyclohexane, 1,4-dimethyl- Concentration Rank 10

Table with 6 columns: R.T., EstConc, Area, Relative to ISTD, IS Area, R.T. Row 1: 12.16, 197.17 ng, 2932300, CI20 Chlorobenze, 1859020, 13.54

Table with 7 columns: Hit# of 5, Tentative ID, MW, MolForm, CAS#, Qual. Lists 4 hits for Cyclohexane derivatives.



Data File : H:\GCMS_VOA\P\070708\P9239.D
 Acq On : 8 Jul 2008 7:33
 Sample : A8769104 ML DF1
 Misc :
 MS Integration Params: LSCINT.P

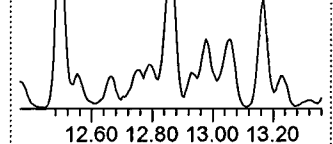
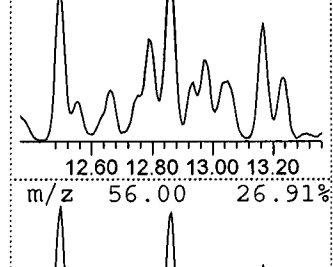
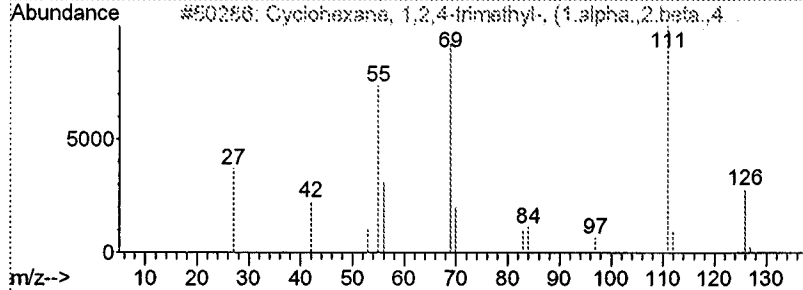
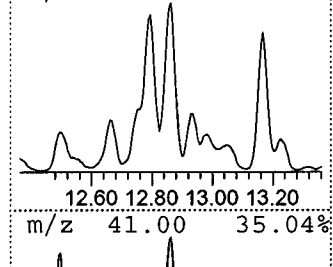
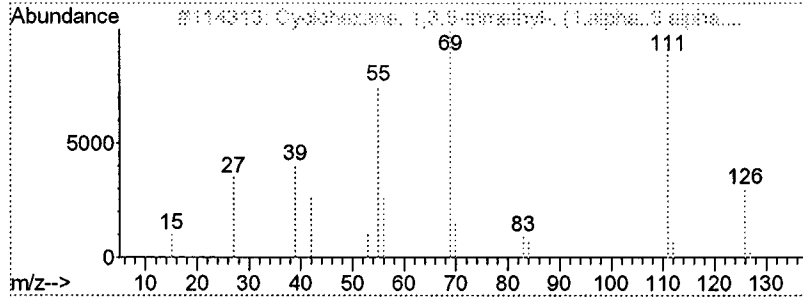
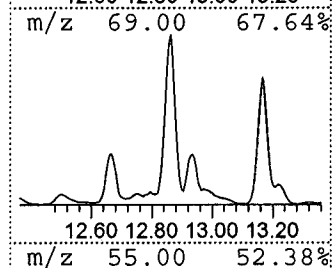
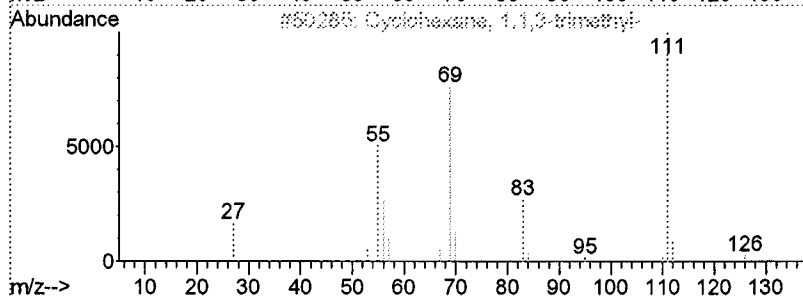
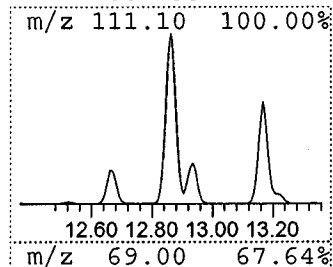
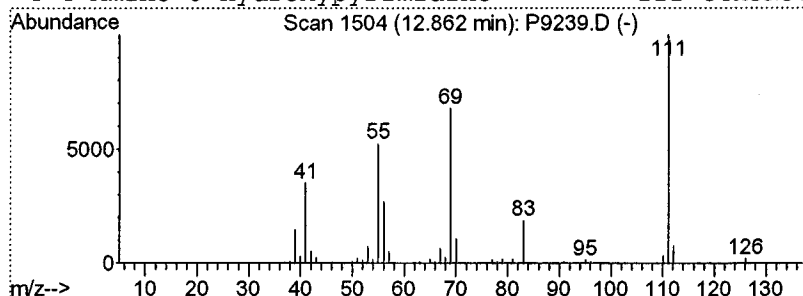
Vial: 48
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Library : C:\DATABASE\NIST98.L

 Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
12.86	236.48 ng	3517040	CI20 Chlorobenze	1859020	13.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	56
4			4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	53



Data File : H:\GCMS_VOA\P\070708\P9239.D
Acq On : 8 Jul 2008 7:33
Sample : A8769104 ML DF1
Misc :
MS Integration Params: LSCINT.P

Vial: 48
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)

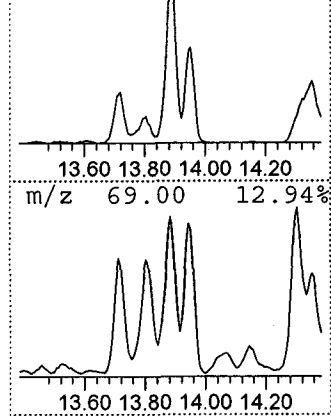
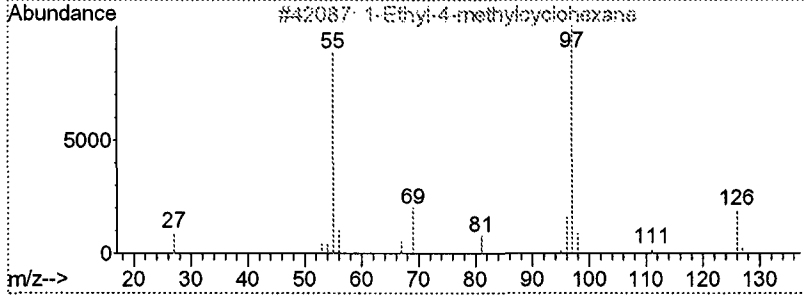
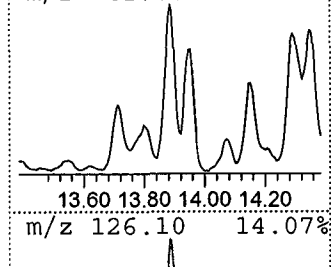
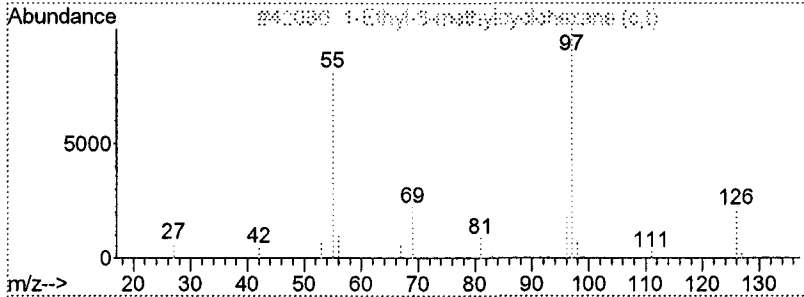
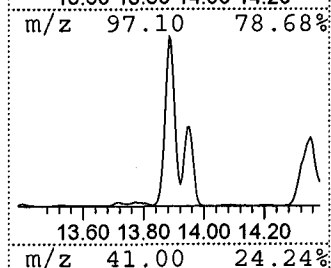
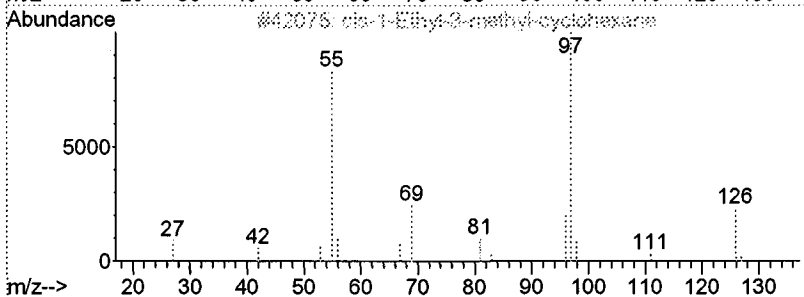
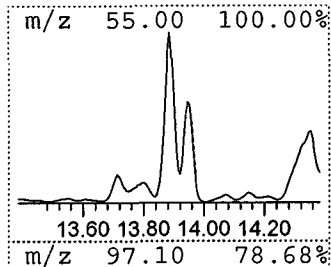
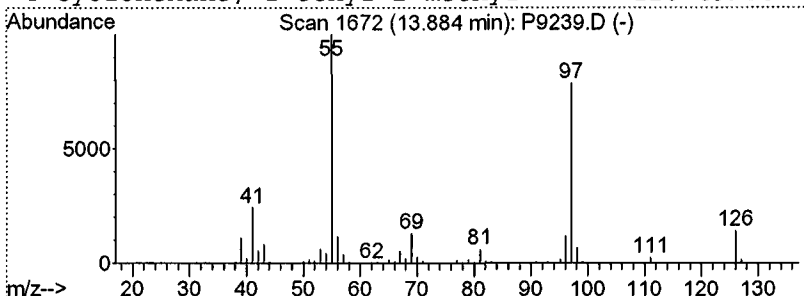
Title : 8260 5ML

Library : C:\DATABASE\NIST98.L

Peak Number 4 cis-1-Ethyl-3-methyl-cycloh... Concentration Rank 2

Table with 6 columns: R.T., EstConc, Area, Relative to ISTD, IS Area, R.T. Row 1: 13.88, 255.36 ng, 3797760, CI20 Chlorobenze, 1859020, 13.54

Table with 7 columns: Hit# of 5, Tentative ID, MW, MolForm, CAS#, Qual. Lists 4 potential matches for cis-1-Ethyl-3-methyl-cyclohexane and 1-Ethyl-4-methylcyclohexane.



Data File : H:\GCMS_VOA\P\070708\P9239.D
 Acq On : 8 Jul 2008 7:33
 Sample : A8769104 ML DF1
 Misc :
 MS Integration Params: LSCINT.P

Vial: 48
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)

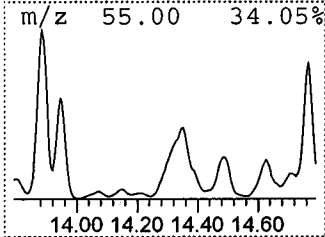
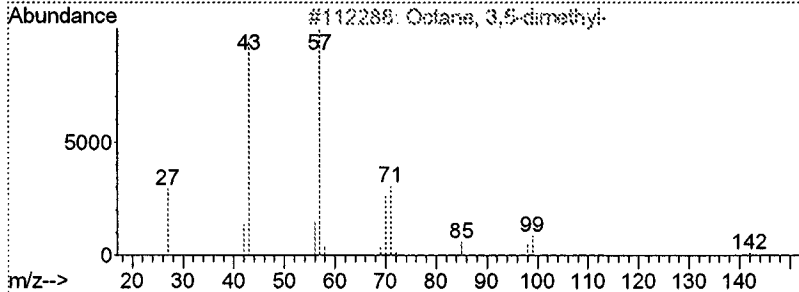
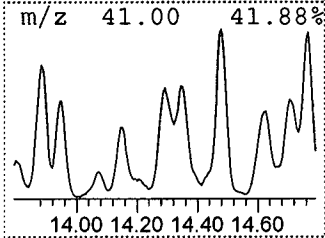
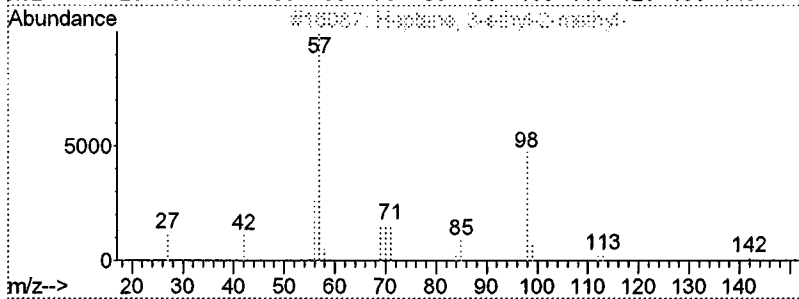
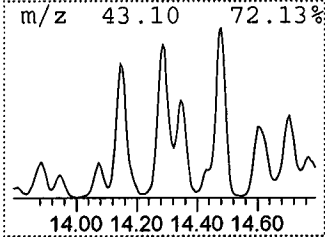
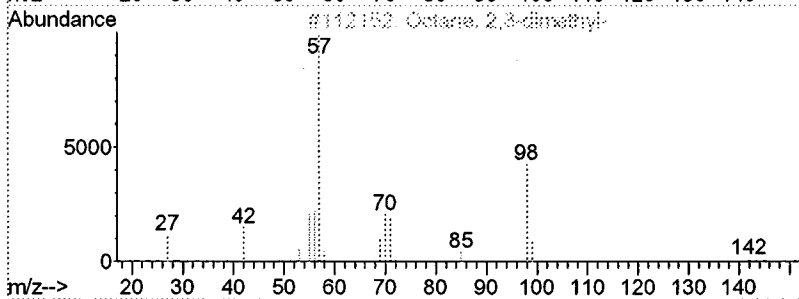
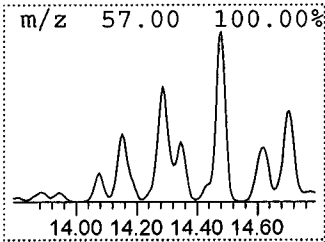
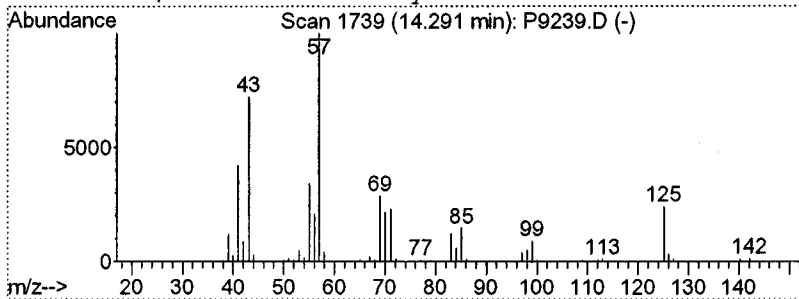
Title : 8260 5ML

Library : C:\DATABASE\NIST98.L

 Peak Number 5 Octane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.29	219.29 ng	3261250	CI20 Chlorobenze	1859020	13.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	49
3			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
4			Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	47



Data File : H:\GCMS_VOA\... Acq On : 8 Jul 2008 7:33 Sample : A8769104 ML DF1 Misc : MS Integration Params: LSCINT.P

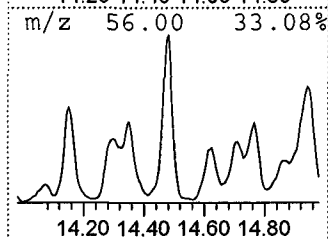
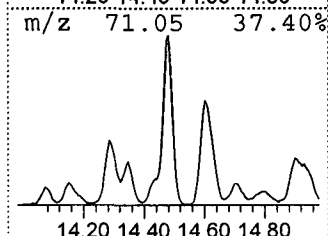
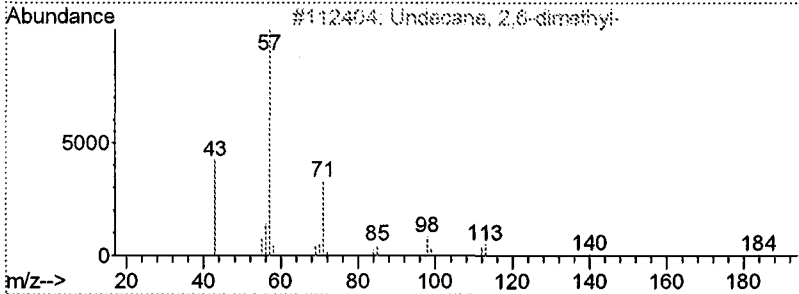
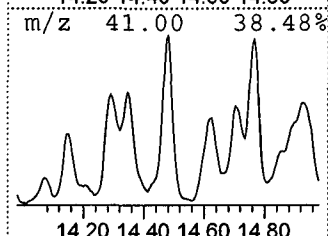
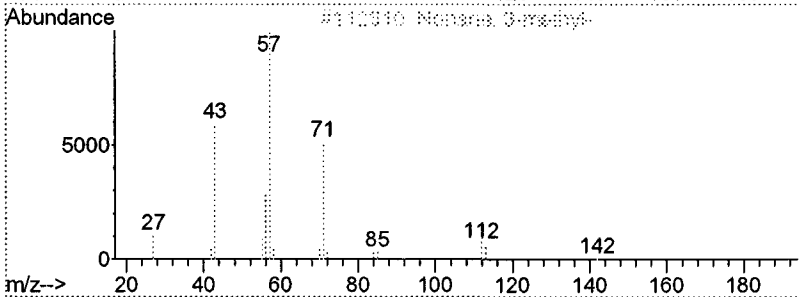
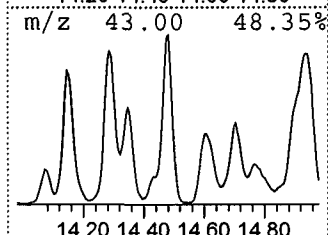
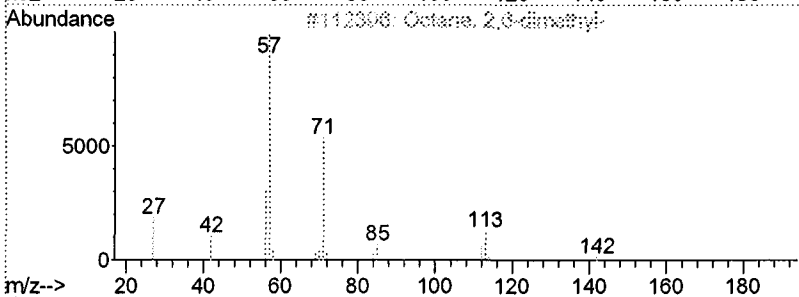
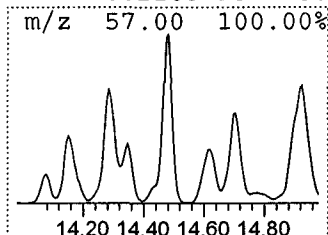
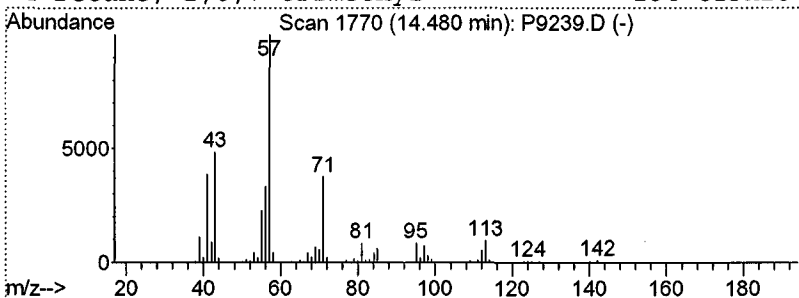
Vial: 48 Operator: JLG Inst : HP5973 P Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator) Title : 8260 5ML Library : C:\DATABASE\NIST98.L

Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 1

Table with 6 columns: R.T., EstConc, Area, Relative to ISTD, IS Area, R.T. Row 1: 14.48, 325.70 ng, 4843870, CI20 Chlorobenze, 1859020, 13.54

Table with 7 columns: Hit# of 5, Tentative ID, MW, MolForm, CAS#, Qual. Lists 4 candidates for Octane, 2,6-dimethyl-.



Data File : H:\GCMS_VOA\P\070708\P9239.D
 Acq On : 8 Jul 2008 7:33
 Sample : A8769104 ML DF1
 Misc :
 MS Integration Params: LSCINT.P

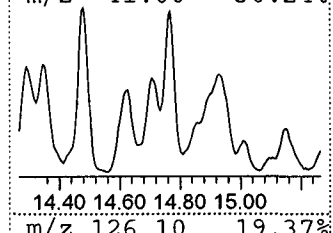
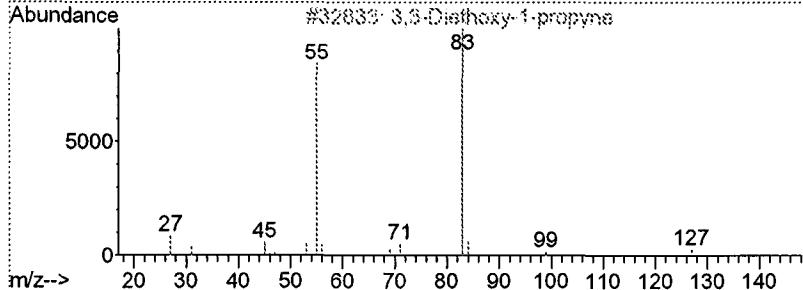
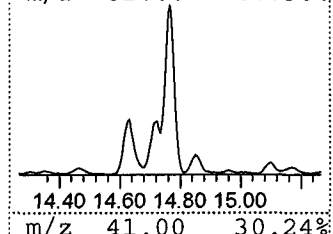
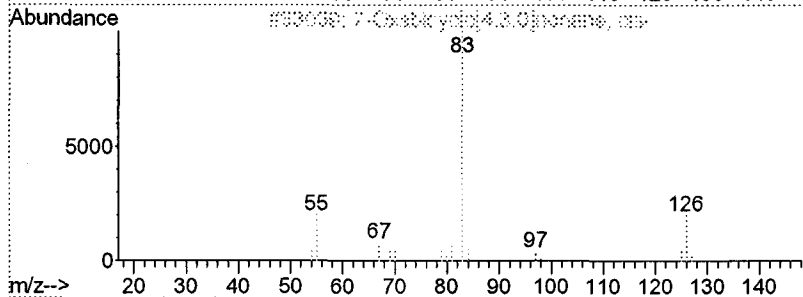
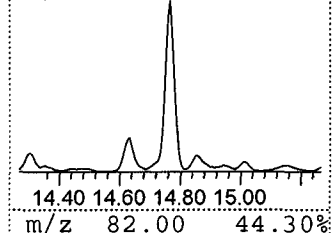
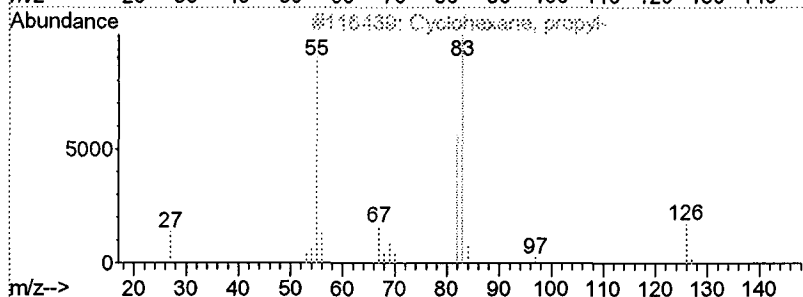
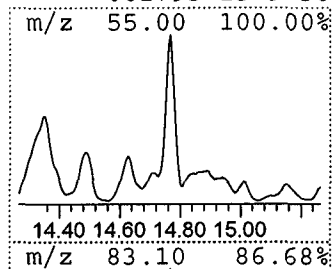
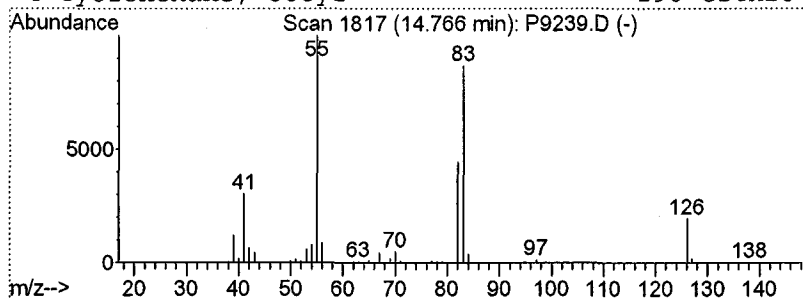
Vial: 48
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Library : C:\DATABASE\NIST98.L

 Peak Number 7 Cyclohexane, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.77	221.51 ng	3294350	CI20 Chlorobenze	1859020	13.54

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, propyl-	126	C9H18	001678-92-8	86
2		7-Oxabicyclo[4.3.0]nonane, cis-	126	C8H14O	013149-01-4	47
3		3,3-Diethoxy-1-propyne	128	C7H12O2	010160-87-9	37
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	36



Data File : H:\GCMS_VOA\P\070708\P9239.D
 Acq On : 8 Jul 2008 7:33
 Sample : A8769104 ML DF1
 Misc :
 MS Integration Params: LSCINT.P

Vial: 48
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)

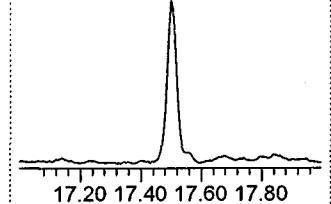
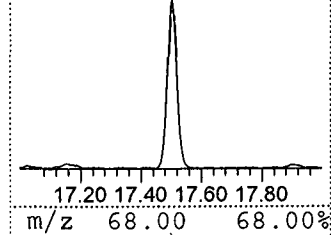
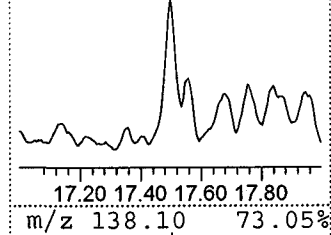
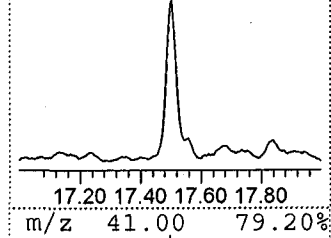
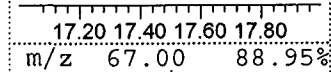
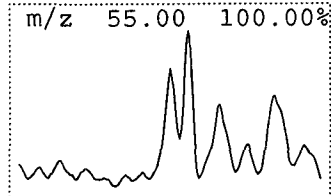
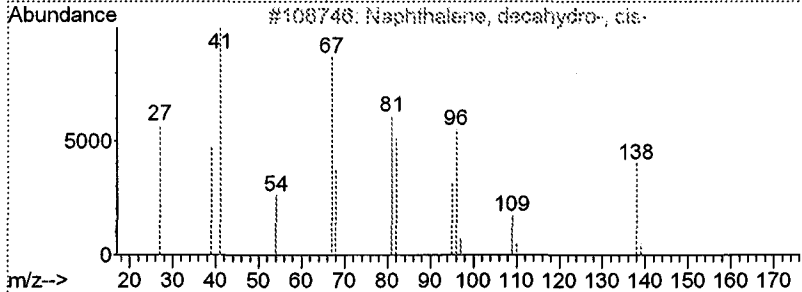
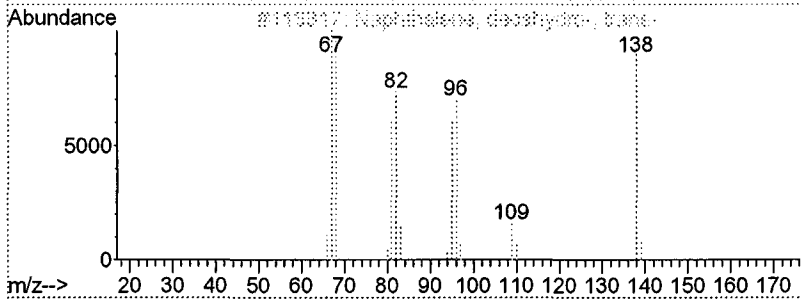
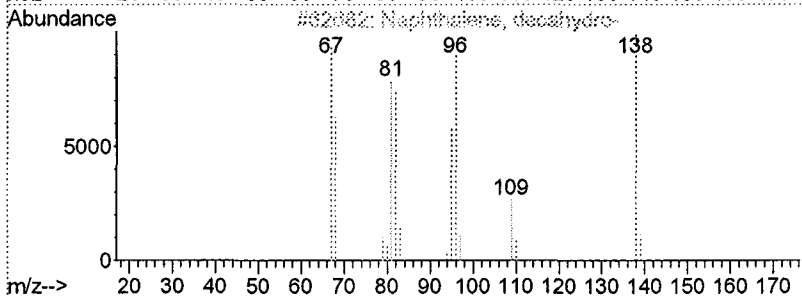
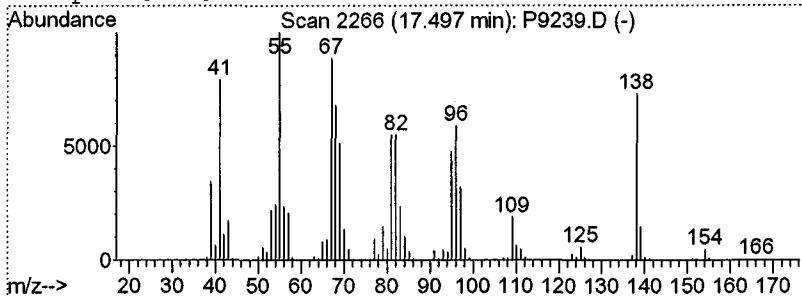
Title : 8260 5ML

Library : C:\DATABASE\NIST98.L

 Peak Number 9 Naphthalene, decahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
17.50	211.41 ng	4049480	CI30 1,4-Dichlor	2394380	16.91

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
4		Spiro[4.5]decane	138	C10H18	000176-63-6	81



Data File : H:\GCMS_VOA\P\070708\P9239.D
Acq On : 8 Jul 2008 7:33
Sample : A8769104 ML DF1
Misc :
MS Integration Params: LSCINT.P

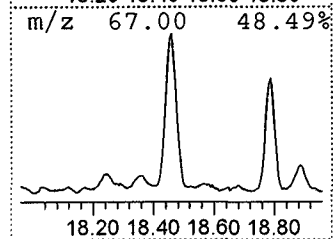
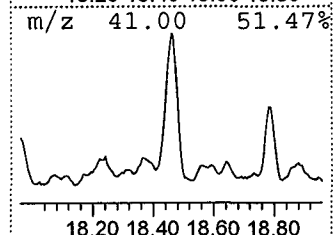
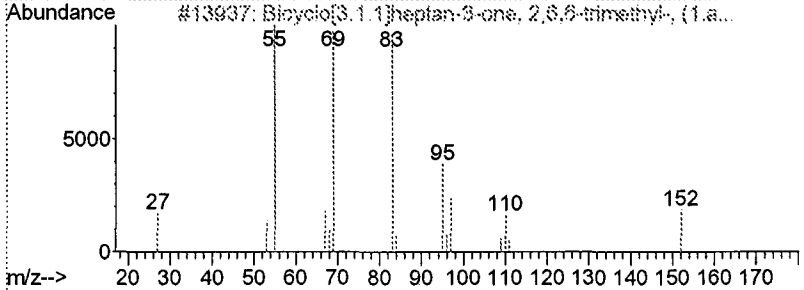
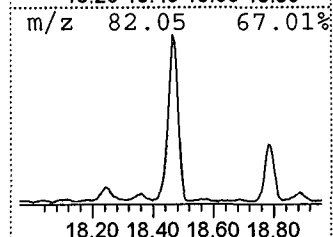
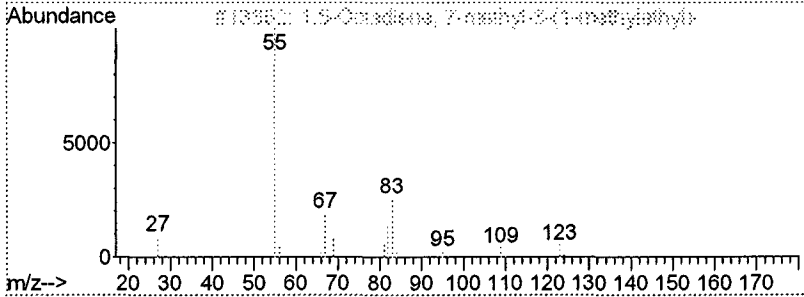
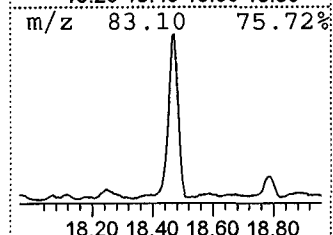
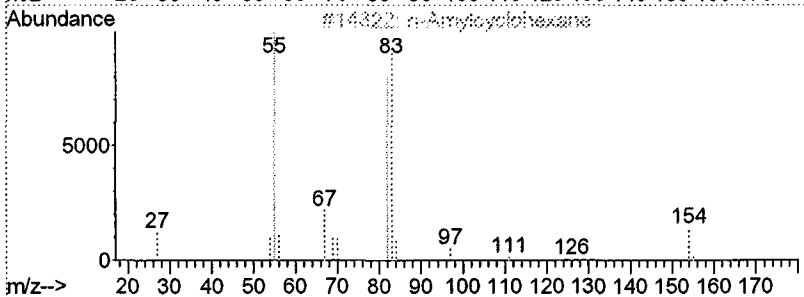
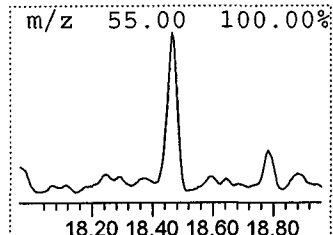
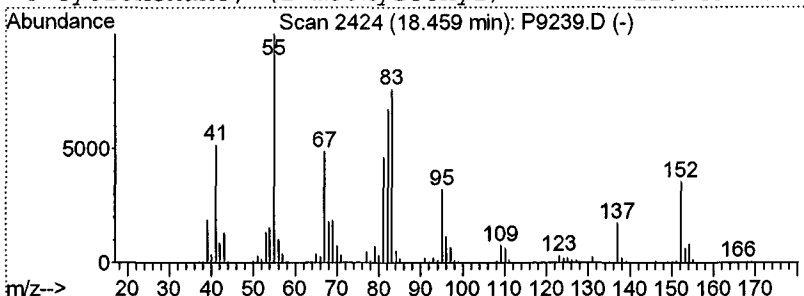
Vial: 48
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Library : C:\DATABASE\NIST98.L

Peak Number 10 n-Amylcyclohexane Concentration Rank 4

Table with 6 columns: R.T., EstConc, Area, Relative to ISTD, IS Area, R.T. Row 1: 18.46, 232.60 ng, 4455530, CI30 1,4-Dichlor, 2394380, 16.91

Table with 7 columns: Hit# of, Tentative ID, MW, MolForm, CAS#, Qual. Row 1: 1 n-Amylcyclohexane, 154, C11H22, 029949-27-7, 60



Operator ID: JLG Date Acquired: 8 Jul 2008 7:33
Data File: H:\GCMS_VOA\F\070708\P9239.D
Name: A8769104 ML DF1
Misc:
Method: C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title: 8260 5ML
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane	10.28	201.2	ng	2154540	1	9.66	1338600	125.0
Cyclohexane, 1,4-...	12.16	197.2	ng	2932300	2	13.54	1859020	125.0
Cyclohexane, 1,1,...	12.86	236.5	ng	3517040	2	13.54	1859020	125.0
cis-1-Ethyl-3-met...	13.88	255.4	ng	3797760	2	13.54	1859020	125.0
Octane, 2,3-dimet...	14.29	219.3	ng	3261250	2	13.54	1859020	125.0
Octane, 2,6-dimet...	14.48	325.7	ng	4843870	2	13.54	1859020	125.0
Cyclohexane, propyl-	14.77	221.5	ng	3294350	2	13.54	1859020	125.0
Cyclohexane, butyl-	16.68	210.8	ng	4037180	3	16.91	2394380	125.0
Naphthalene, deca...	17.50	211.4	ng	4049480	3	16.91	2394380	125.0
n-Amylcyclohexane	18.46	232.6	ng	4455530	3	16.91	2394380	125.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805Sample wt/vol: 5.09 (g/mL) G Lab File ID: F3080.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1	Acetone	76		B
71-43-2	Benzene	6		U
75-27-4	Bromodichloromethane	6		U
75-25-2	Bromoform	6		U
74-83-9	Bromomethane	6		U
78-93-3	2-Butanone	12		J
75-15-0	Carbon Disulfide	6		U
56-23-5	Carbon Tetrachloride	6		U
108-90-7	Chlorobenzene	6		U
75-00-3	Chloroethane	6		U
67-66-3	Chloroform	6		U
74-87-3	Chloromethane	6		U
110-82-7	Cyclohexane	6		U
106-93-4	1,2-Dibromoethane	6		U
124-48-1	Dibromochloromethane	6		U
96-12-8	1,2-Dibromo-3-chloropropane	6		U
95-50-1	1,2-Dichlorobenzene	6		U
541-73-1	1,3-Dichlorobenzene	6		U
106-46-7	1,4-Dichlorobenzene	6		U
75-71-8	Dichlorodifluoromethane	6		U
75-34-3	1,1-Dichloroethane	6		U
107-06-2	1,2-Dichloroethane	6		U
75-35-4	1,1-Dichloroethene	6		U
156-59-2	cis-1,2-Dichloroethene	6		U
156-60-5	trans-1,2-Dichloroethene	6		U
78-87-5	1,2-Dichloropropane	6		U
10061-01-5	cis-1,3-Dichloropropene	6		U
10061-02-6	trans-1,3-Dichloropropene	6		U
100-41-4	Ethylbenzene	6		U
591-78-6	2-Hexanone	31		U
98-82-8	Isopropylbenzene	6		U
79-20-9	Methyl acetate	6		U
108-87-2	Methylcyclohexane	6		U
75-09-2	Methylene chloride	6		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805Sample wt/vol: 5.09 (g/mL) G Lab File ID: F3080.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-10-1-----	4-Methyl-2-pentanone	31		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6		U
100-42-5-----	Styrene	6		U
79-34-5-----	1,1,2,2-Tetrachloroethane	6		U
127-18-4-----	Tetrachloroethene	6		U
108-88-3-----	Toluene	6		U
120-82-1-----	1,2,4-Trichlorobenzene	6		U
71-55-6-----	1,1,1-Trichloroethane	6		U
79-00-5-----	1,1,2-Trichloroethane	6		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6		U
75-69-4-----	Trichlorofluoromethane	6		U
79-01-6-----	Trichloroethene	6		U
75-01-4-----	Vinyl chloride	12		U
1330-20-7-----	Total Xylenes	18		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805

Sample wt/vol: 5.09 (g/mL) G Lab File ID: F3080.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: not dec. 20.0 Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

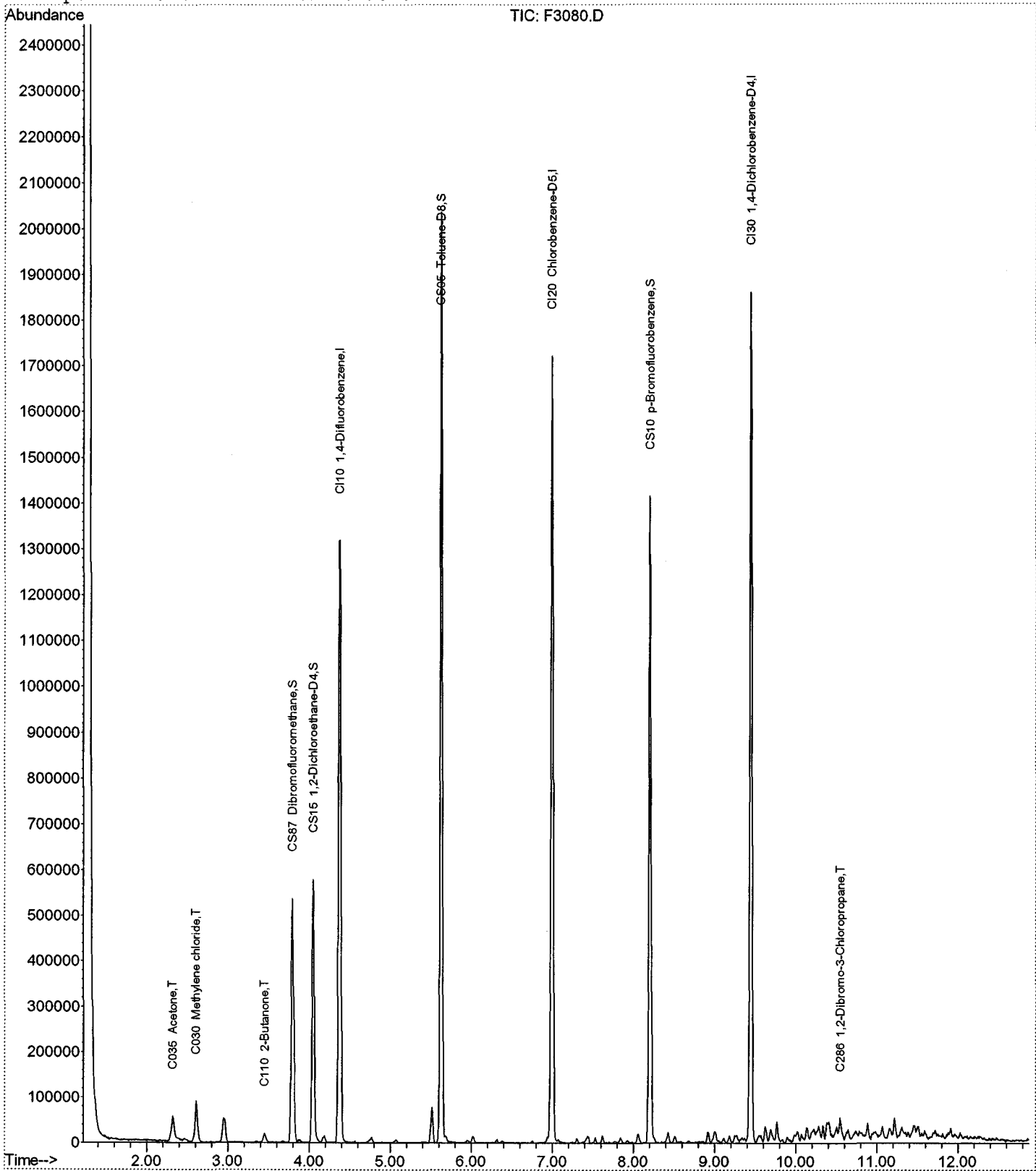
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Acq On : 4 Jul 2008 5:07
Sample : A8798805
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 7 8:30 2008

5.09

Vial: 44
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration



Data File : H:\GCMS_VOA\F\070308\F3080.D
 Acq On : 4 Jul 2008 5:07
 Sample : A8798805
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:30:13 2008

Vial: 44
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\070308\F3062.D (3 Jul 2008 20:57)

NO TIC
SEE 7/7/08
WA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1136391	250.00	ng	0.00	90.99%
43) CI20 Chlorobenzene-D5	6.99	82	571973	250.00	ng	0.00	92.91%
63) CI30 1,4-Dichlorobenzene-	9.44	152	494677	250.00	ng	0.00	91.02%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	358833	266.03	ng	0.00	
Spiked Amount	250.000	Range	70 - 130	Recovery	=	106.41%	
32) CS15 1,2-Dichloroethane-D	4.05	65	403813	251.89	ng	0.00	
Spiked Amount	250.000	Range	64 - 126	Recovery	=	100.76%	
44) CS05 Toluene-D8	5.62	98	1466274	253.60	ng	0.00	
Spiked Amount	250.000	Range	71 - 125	Recovery	=	101.44%	
62) CS10 p-Bromofluorobenzene	8.20	174	406382	238.56	ng	0.00	
Spiked Amount	250.000	Range	72 - 126	Recovery	=	95.42%	

Target Compounds

Qvalue

2) C290 Dichlorodifluorometh	0.00	85	0	N.D.	
3) C010 Chloromethane	1.46	50	314	N.D.	
4) C020 Vinyl chloride	0.00	62	0	N.D.	
5) C015 Bromomethane	0.00	94	0	N.D.	
6) C025 Chloroethane	0.00	64	0	N.D.	
7) C275 Trichlorofluorometha	2.02	101	405	N.D.	
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.	
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.	
10) C030 Methylene chloride	2.61	84	47432	6.78 ng	93
11) C040 Carbon disulfide	2.47	76	10673	N.D.	
12) C036 Acrolein	2.22	56	130	N.D.	
13) C038 Acrylonitrile	0.00	53	0	N.D.	
14) C035 Acetone	2.32	43	106657	311.37 ng	92
15) C300 Acetonitrile	0.00	41	0	N.D.	
16) C276 Iodomethane	0.00	142	0	N.D.	
17) C255 Methyl Acetate	0.00	43	0	N.D.	
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.	
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.	
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125 Vinyl Acetate	0.00	43	0	N.D.	
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.	
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.	
24) C272 Tetrahydrofuran	0.00	42	0	N.D.	
25) C222 Bromochloromethane	0.00	128	0	N.D.	
26) C060 Chloroform	3.68	83	2398	N.D.	
28) C256 Cyclohexane	3.88	56	3321	N.D.	
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.	
30) C120 Carbon tetrachloride	0.00	117	0	N.D.	
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.	

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Data File : H:\GCMS_VOA\F\070308\F3080.D
 Acq On : 4 Jul 2008 5:07
 Sample : A8798805
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:30:13 2008

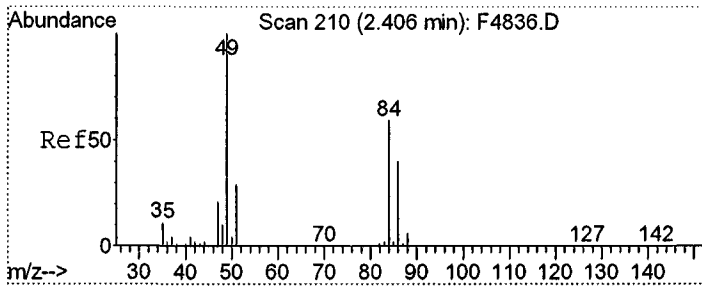
Vial: 44
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

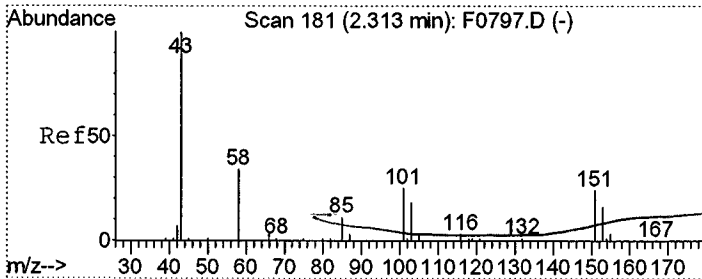
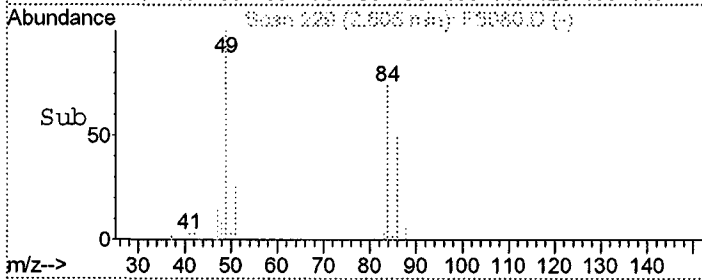
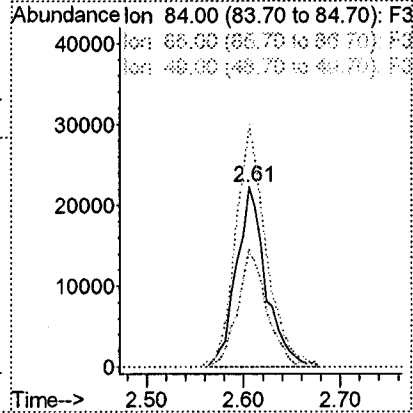
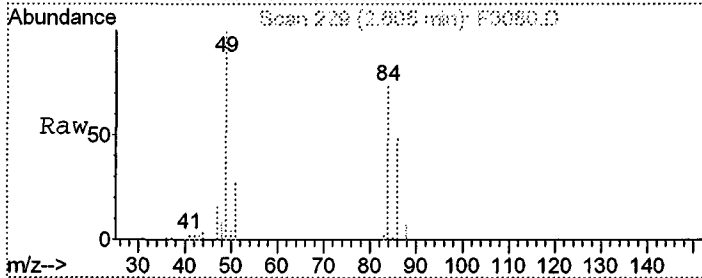
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	2062		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	3.44	43	32462	48.18	ng	82
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	4.77	83	4867		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.68	92	1082		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.43	43	1276		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	6.26	43	1235		N.D.	
55) C235 Chlorobenzene	0.00	112	0		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.13	91	987		N.D.	
58) C246 m,p-Xylene	7.24	106	545		N.D.	
59) C247 o-Xylene	0.00	106	0		N.D.	
60) C245 Styrene	0.00	104	0		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	0.00	105	0		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	8.37	83	158		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	8.51	53	327		N.D.	
69) C302 n-Propylbenzene	8.51	91	1623		N.D.	
70) C303 O 2-Chlorotoluene	0.00	126	0		N.D.	
71) C289 P 4-Chlorotoluene	8.80	126	130		N.D.	
72) C304 1,3,5-Trimethylbenze	8.59	105	134		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.07	105	1293		N.D.	
75) C308 sec-Butylbenzene	9.07	105	1293		N.D.	
76) C260 1,3-Dichlorobenzene	9.47	146	1052		N.D.	
77) C309 p-Cymene (4-Isopropy	0.00	119	0		N.D.	
78) C267 1,4-Dichlorobenzene	9.47	146	873		N.D.	
79) C249 1,2-Dichlorobenzene	0.00	146	0		N.D.	
80) C310 n-Butylbenzene	9.90	91	185		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.54	75	2159	9.45	ng	1
82) C313 1,2,4-Trichlorobenze	0.00	180	0		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	11.45	128	5186		N.D.	
85) C934 1,2,3-Trichlorobenze	0.00	180	0		N.D.	

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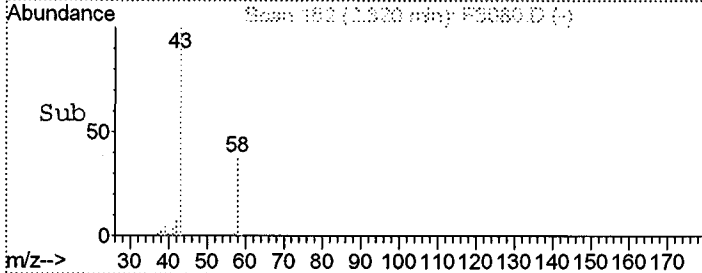
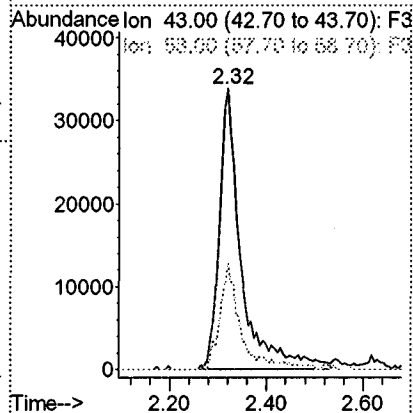
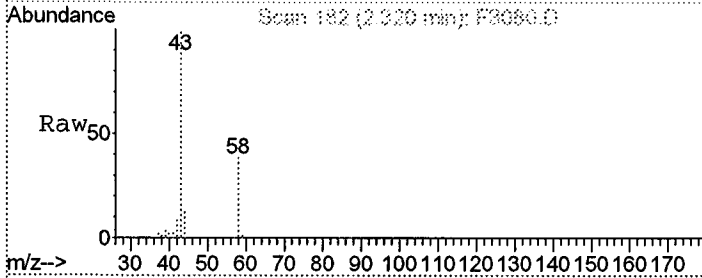
#10
 C030 Methylene chloride
 Concen: 6.78 ng
 RT: 2.61 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: F3080.D
 Acq: 4 Jul 2008 5:07

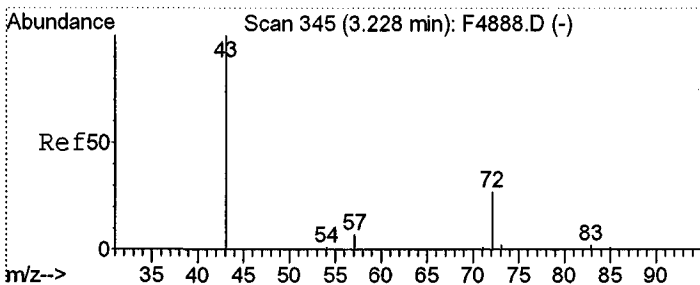
Tgt Ion	Resp	Lower	Upper
84	47432		
84	100		
86	65.3	40.0	100.0
49	134.3	95.0	155.0



#14
 C035 Acetone
 Concen: 311.37 ng
 RT: 2.32 min Scan# 182
 Delta R.T. 0.01 min
 Lab File: F3080.D
 Acq: 4 Jul 2008 5:07

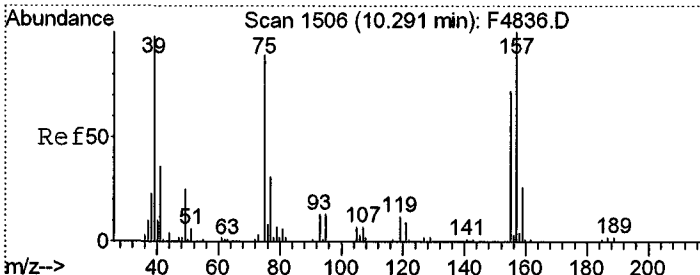
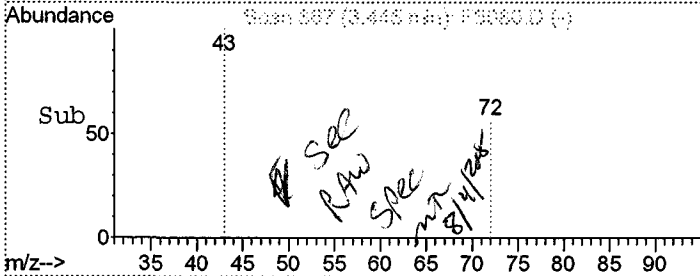
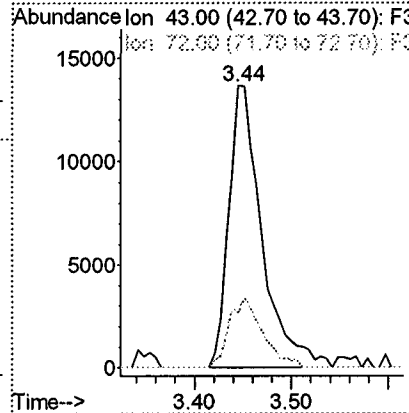
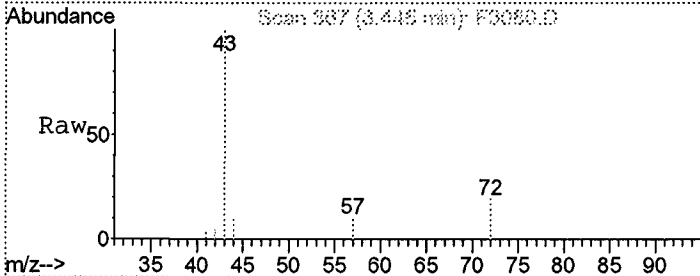
Tgt Ion	Resp	Lower	Upper
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43	100		
58	37.6	3.0	63.0





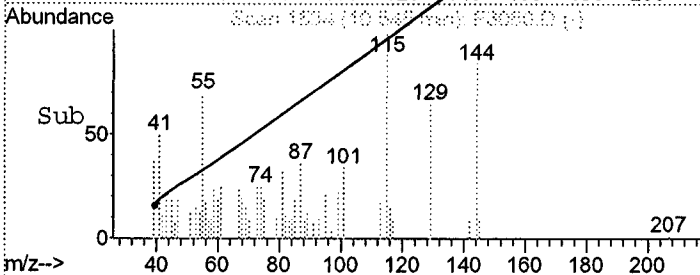
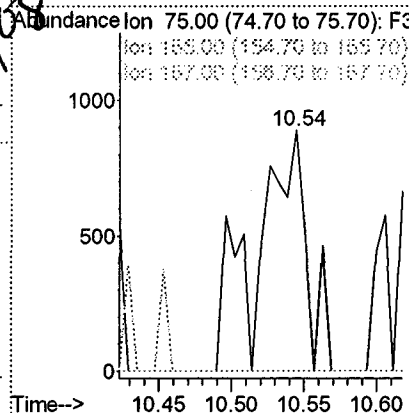
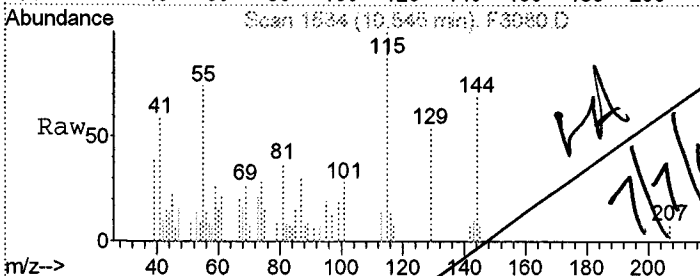
#35
 C110 2-Butanone
 Concen: 48.18 ng
 RT: 3.44 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: F3080.D
 Acq: 4 Jul 2008 5:07

Tgt Ion	Resp	Lower	Upper
43	100		
72	19.2	0.0	58.5



#81
 C286 1,2-Dibromo-3-Chloropropane
 Concen: 9.45 ng
 RT: 10.54 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: F3080.D
 Acq: 4 Jul 2008 5:07

Tgt Ion	Resp	Lower	Upper
75	100		
155	0.0	62.7	122.7#
157	0.0	87.9	147.9#



Operator ID: JLG Date Acquired: 4 Jul 2008 5:07
Data File: H:\GCMS_VOA\F\070308\F3080.D
Name: A8798805
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798801Sample wt/vol: 5.18 (g/mL) G Lab File ID: F3076.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. 10 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1-----	Acetone		27	U
71-43-2-----	Benzene		5	U
75-27-4-----	Bromodichloromethane		5	U
75-25-2-----	Bromofom		5	U
74-83-9-----	Bromomethane		5	U
78-93-3-----	2-Butanone		27	U
75-15-0-----	Carbon Disulfide		5	U
56-23-5-----	Carbon Tetrachloride		5	U
108-90-7-----	Chlorobenzene		5	U
75-00-3-----	Chloroethane		5	U
67-66-3-----	Chloroform		5	U
74-87-3-----	Chloromethane		5	U
110-82-7-----	Cyclohexane		5	U
106-93-4-----	1,2-Dibromoethane		5	U
124-48-1-----	Dibromochloromethane		5	U
96-12-8-----	1,2-Dibromo-3-chloropropane		5	U
95-50-1-----	1,2-Dichlorobenzene		5	U
541-73-1-----	1,3-Dichlorobenzene		5	U
106-46-7-----	1,4-Dichlorobenzene		5	U
75-71-8-----	Dichlorodifluoromethane		5	U
75-34-3-----	1,1-Dichloroethane		5	U
107-06-2-----	1,2-Dichloroethane		5	U
75-35-4-----	1,1-Dichloroethene		5	U
156-59-2-----	cis-1,2-Dichloroethene		5	U
156-60-5-----	trans-1,2-Dichloroethene		5	U
78-87-5-----	1,2-Dichloropropane		5	U
10061-01-5----	cis-1,3-Dichloropropene		5	U
10061-02-6----	trans-1,3-Dichloropropene		5	U
100-41-4-----	Ethylbenzene		5	U
591-78-6-----	2-Hexanone		27	U
98-82-8-----	Isopropylbenzene		5	U
79-20-9-----	Methyl acetate		5	U
108-87-2-----	Methylcyclohexane		5	U
75-09-2-----	Methylene chloride		2	BJ

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798801Sample wt/vol: 5.18 (g/mL) G Lab File ID: F3076.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. 10 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-10-1-----4-Methyl-2-pentanone	27	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5-----Styrene	5	U
79-34-5-----1,1,2,2-Tetrachloroethane	5	U
127-18-4-----Tetrachloroethene	5	U
108-88-3-----Toluene	5	U
120-82-1-----1,2,4-Trichlorobenzene	5	U
71-55-6-----1,1,1-Trichloroethane	5	U
79-00-5-----1,1,2-Trichloroethane	5	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4-----Trichlorofluoromethane	5	U
79-01-6-----Trichloroethene	5	U
75-01-4-----Vinyl chloride	11	U
1330-20-7-----Total Xylenes	16	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798801Sample wt/vol: 5.18 (g/mL) G Lab File ID: F3076.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. 10.1 Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

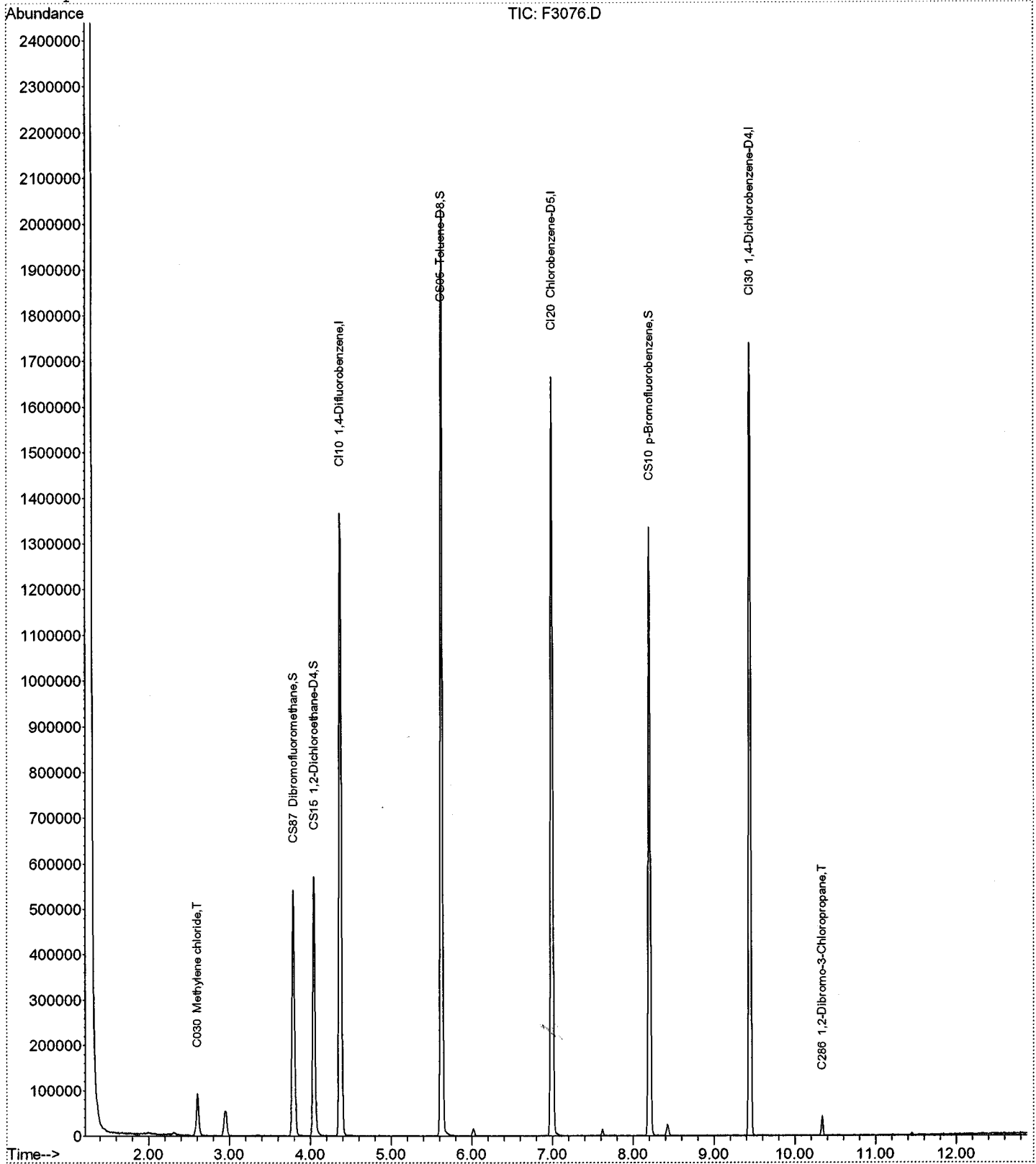
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Acq On : 4 Jul 2008 3:25
Sample : A8798801
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 7 8:29 2008

Vial: 40
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

5.18

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration



Data File : H:\GCMS_VOA\F\070308\F3076.D
 Acq On : 4 Jul 2008 3:25
 Sample : A8798801
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:29:51 2008

Vial: 40
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\070308\F3062.D (3 Jul 2008 20:57)

NO TIL
STE
7/7/08
WA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI10 1,4-Difluorobenzene	4.37	114	1147373	250.00	ng	0.00	91.87%
43) CI20 Chlorobenzene-D5	6.99	82	561727	250.00	ng	0.00	91.25%
63) CI30 1,4-Dichlorobenzene-	9.44	152	467182	250.00	ng	0.00	85.96%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	361423	265.38	ng	0.00	
Spiked Amount	250.000	Range	70 - 130	Recovery	=	106.15%	
32) CS15 1,2-Dichloroethane-D	4.05	65	403636	249.37	ng	0.00	
Spiked Amount	250.000	Range	64 - 126	Recovery	=	99.75%	
44) CS05 Toluene-D8	5.62	98	1466715	258.31	ng	0.00	
Spiked Amount	250.000	Range	71 - 125	Recovery	=	103.32%	
62) CS10 p-Bromofluorobenzene	8.20	174	398048	237.93	ng	0.00	
Spiked Amount	250.000	Range	72 - 126	Recovery	=	95.17%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	2.02	101	464	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.61	84	48277	7.08	ng	86
11) C040 Carbon disulfide	2.47	76	1536	N.D.		
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.32	43	7708	N.D.		
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	0.00	43	0	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.68	83	1141	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Handwritten signature

Data File : H:\GCMS_VOA\F\070308\F3076.D
 Acq On : 4 Jul 2008 3:25
 Sample : A8798801
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:29:51 2008

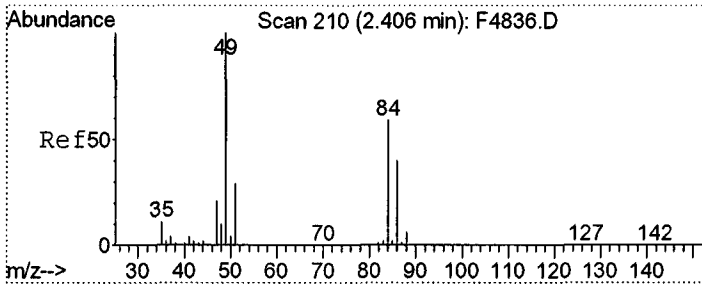
Vial: 40
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

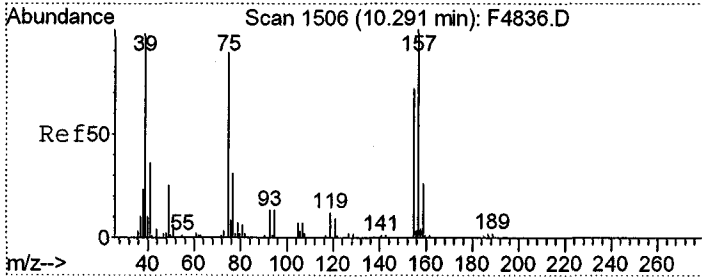
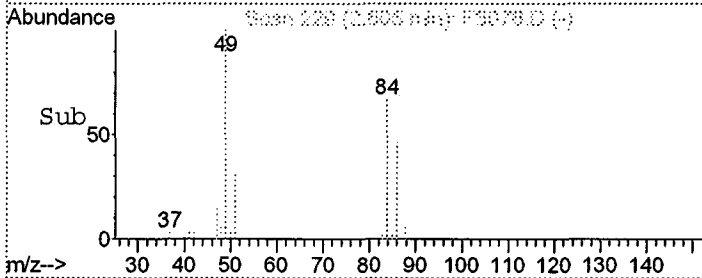
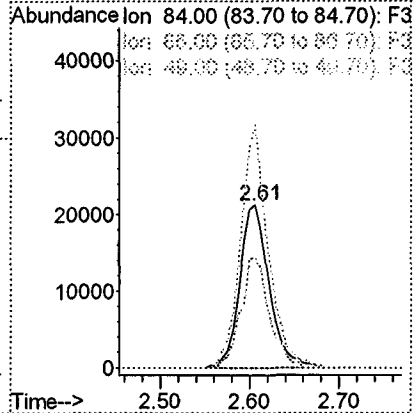
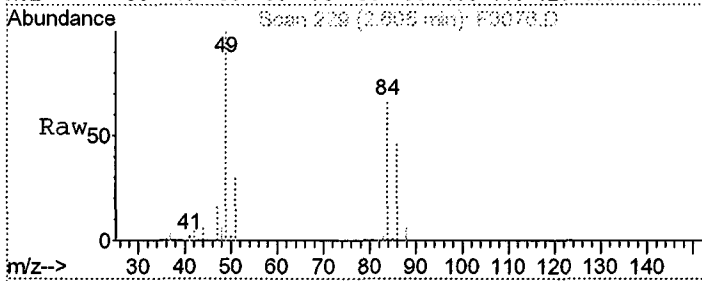
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	2030		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	0.00	43	0		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	0.00	83	0		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	0.00	92	0		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.62	43	6357		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	0.00	43	0		N.D.	
55) C235 Chlorobenzene	0.00	112	0		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.24	91	461		N.D.	
58) C246 m,p-Xylene	0.00	106	0		N.D.	
59) C247 o-Xylene	0.00	106	0		N.D.	
60) C245 Styrene	0.00	104	0		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	8.20	105	431		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	0.00	53	0		N.D.	
69) C302 n-Propylbenzene	0.00	91	0		N.D.	
70) C303 O 2-Chlorotoluene	0.00	126	0		N.D.	
71) C289 P 4-Chlorotoluene	0.00	126	0		N.D.	
72) C304 1,3,5-Trimethylbenze	0.00	105	0		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	0.00	105	0		N.D.	
75) C308 sec-Butylbenzene	0.00	105	0		N.D.	
76) C260 1,3-Dichlorobenzene	9.47	146	551		N.D.	
77) C309 p-Cymene (4-Isopropy	0.00	119	0		N.D.	
78) C267 1,4-Dichlorobenzene	9.47	146	551		N.D.	
79) C249 1,2-Dichlorobenzene	0.00	146	0		N.D.	
80) C310 n-Butylbenzene	0.00	91	0		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.34	75	1285	5.96 ng	#	1
82) C313 1,2,4-Trichlorobenze	0.00	180	0		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	11.44	128	3401		N.D.	
85) C934 1,2,3-Trichlorobenze	0.00	180	0		N.D.	

(#) = qualifier out of range (m) = manual integration



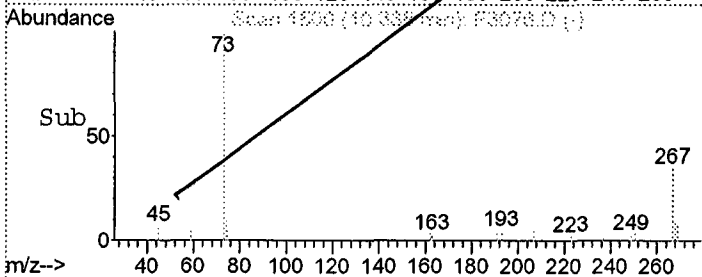
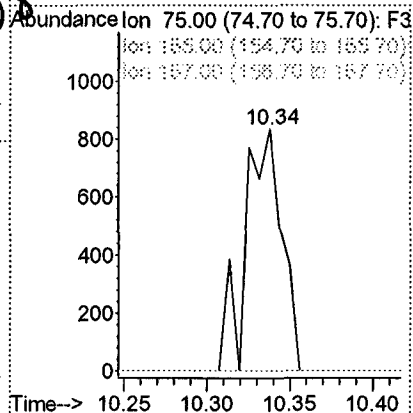
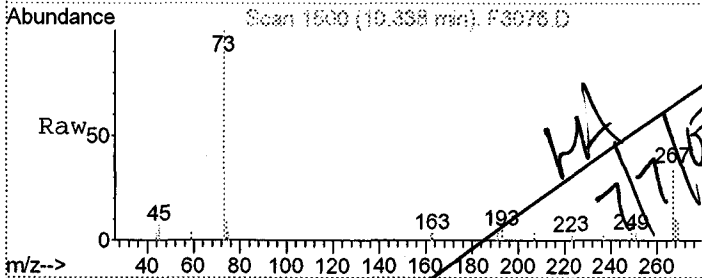
#10
 C030 Methylene chloride
 Concen: 7.08 ng
 RT: 2.61 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: F3076.D
 Acq: 4 Jul 2008 3:25

Tgt Ion	Resp	Lower	Upper
84	48277		
84	100		
86	67.7	40.0	100.0
49	148.5	95.0	155.0



#81
 C286 1,2-Dibromo-3-Chloropropane
 Concen: 5.96 ng
 RT: 10.34 min Scan# 1500
 Delta R.T. -0.22 min
 Lab File: F3076.D
 Acq: 4 Jul 2008 3:25

Tgt Ion	Resp	Lower	Upper
75	1285		
75	100		
155	0.0	62.7	122.7#
157	0.0	87.9	147.9#



Operator ID: JLG Date Acquired: 4 Jul 2008 3:25
Data File: H:\GCMS_VOA\F\070308\F3076.D
Name: A8798801
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	|--Internal Standard--|			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802Sample wt/vol: 5.19 (g/mL) G Lab File ID: F3077.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: not dec. 19 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	30	U
71-43-2-----	Benzene	6	U
75-27-4-----	Bromodichloromethane	6	U
75-25-2-----	Bromoform	6	U
74-83-9-----	Bromomethane	6	U
78-93-3-----	2-Butanone	30	U
75-15-0-----	Carbon Disulfide	6	U
56-23-5-----	Carbon Tetrachloride	6	U
108-90-7-----	Chlorobenzene	6	U
75-00-3-----	Chloroethane	6	U
67-66-3-----	Chloroform	6	U
74-87-3-----	Chloromethane	6	U
110-82-7-----	Cyclohexane	6	U
106-93-4-----	1,2-Dibromoethane	6	U
124-48-1-----	Dibromochloromethane	6	U
96-12-8-----	1,2-Dibromo-3-chloropropane	6	U
95-50-1-----	1,2-Dichlorobenzene	6	U
541-73-1-----	1,3-Dichlorobenzene	6	U
106-46-7-----	1,4-Dichlorobenzene	6	U
75-71-8-----	Dichlorodifluoromethane	6	U
75-34-3-----	1,1-Dichloroethane	6	U
107-06-2-----	1,2-Dichloroethane	6	U
75-35-4-----	1,1-Dichloroethene	6	U
156-59-2-----	cis-1,2-Dichloroethene	6	U
156-60-5-----	trans-1,2-Dichloroethene	6	U
78-87-5-----	1,2-Dichloropropane	6	U
10061-01-5----	cis-1,3-Dichloropropene	6	U
10061-02-6----	trans-1,3-Dichloropropene	6	U
100-41-4-----	Ethylbenzene	6	U
591-78-6-----	2-Hexanone	30	U
98-82-8-----	Isopropylbenzene	6	U
79-20-9-----	Methyl acetate	6	U
108-87-2-----	Methylcyclohexane	6	U
75-09-2-----	Methylene chloride	6	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F3077.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: not dec. 19 Heated Purge: Y Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
108-10-1-----	4-Methyl-2-pentanone	30	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5-----	Styrene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
127-18-4-----	Tetrachloroethene	6	U
108-88-3-----	Toluene	6	U
120-82-1-----	1,2,4-Trichlorobenzene	6	U
71-55-6-----	1,1,1-Trichloroethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4-----	Trichlorofluoromethane	6	U
79-01-6-----	Trichloroethene	6	U
75-01-4-----	Vinyl chloride	12	U
1330-20-7-----	Total Xylenes	18	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802Sample wt/vol: 5.19 (g/mL) G Lab File ID: F3077.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: not dec. 18.7 Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

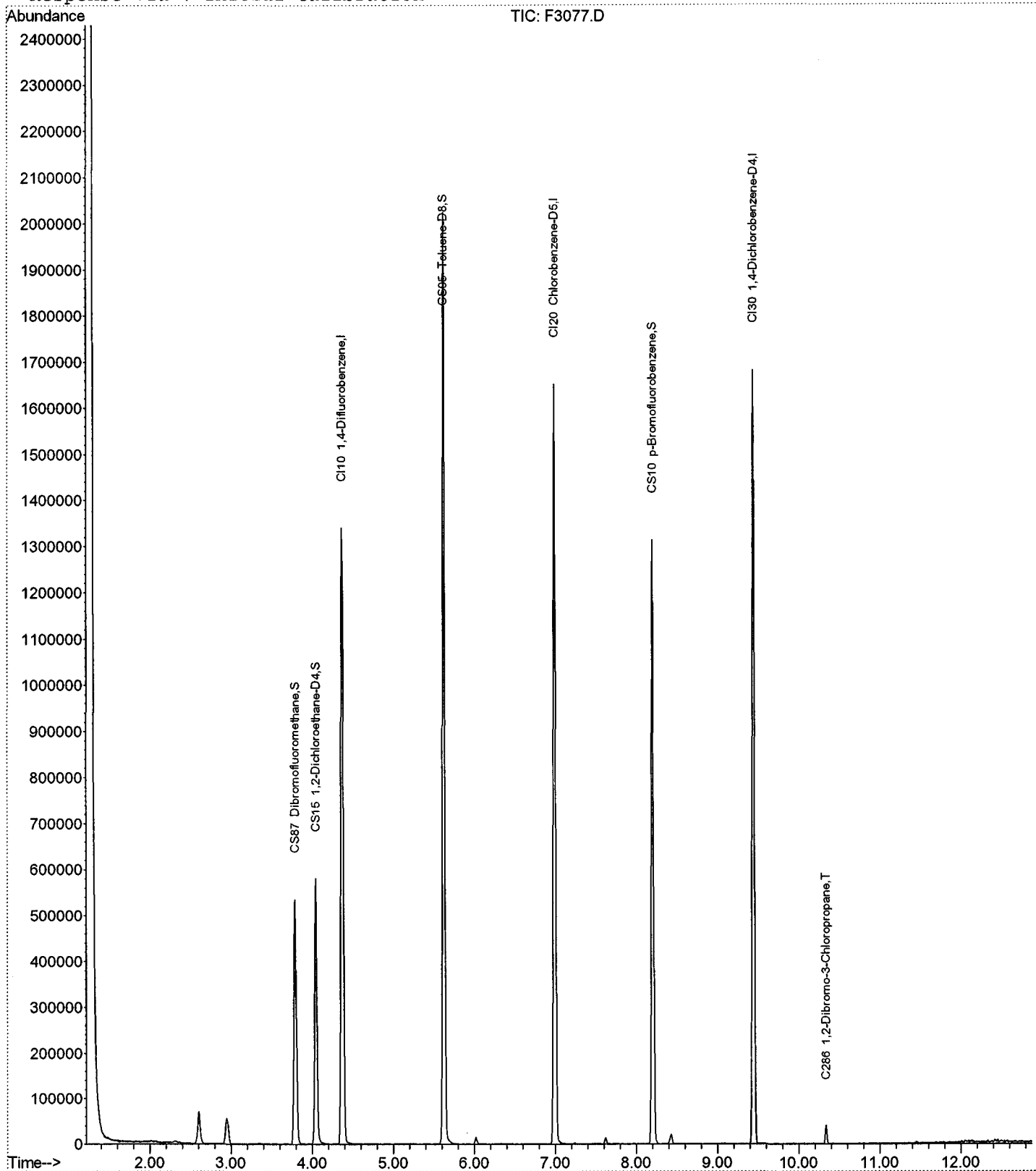
CAS NO.	Compound Name	RT	Est. Conc.	Q

Data File : H:\GCMS_VOA\F\070308\F3077.D
Acq On : 4 Jul 2008 3:51
Sample : A8798802
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 7 8:29 2008

Vial: 41
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration



Data File : H:\GCMS_VOA\F\070308\F3077.D
Acq On : 4 Jul 2008 3:51
Sample : A8798802
Misc :

Vial: 41
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Jul 07 08:29:57 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA

IS QA File : H:\GCMS_VOA\F\070308\F3062.D (3 Jul 2008 20:57)

Handwritten notes: NO TIC, STE, 7/7/08, HA

Table with 7 columns: Internal Standards, R.T., QIon, Response, Conc Units, Dev (Min), Rcv (Ar). Rows include CI10, CI20, CI30 with various chemical names and recovery percentages.

System Monitoring Compounds

Table with 7 columns: System Monitoring Compounds, R.T., QIon, Response, Conc Units, Dev (Min), Rcv (Ar). Rows include CS87, CS15, CS05, CS10 with spiked amounts and recovery percentages.

Target Compounds

Table with 7 columns: Target Compounds, R.T., QIon, Response, Conc Units, Dev (Min), Rcv (Ar), Qvalue. Rows include C290, C010, C020, C015, C025, C275, C291, C045, C030, C040, C036, C038, C035, C300, C276, C255, C962, C057, C050, C125, C051, C056, C272, C222, C060, C256, C115, C120, C116.

Handwritten signature or initials in the bottom right corner.

(#) = qualifier out of range (m) = manual integration

Data File : H:\GCMS_VOA\F\070308\F3077.D
 Acq On : 4 Jul 2008 3:51
 Sample : A8798802
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:29:57 2008

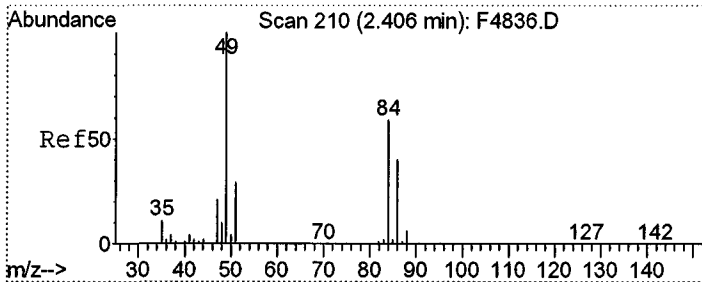
Vial: 41
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

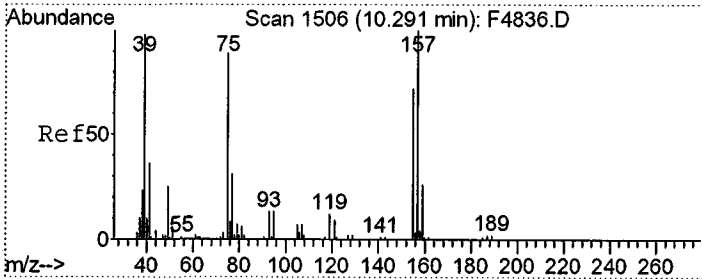
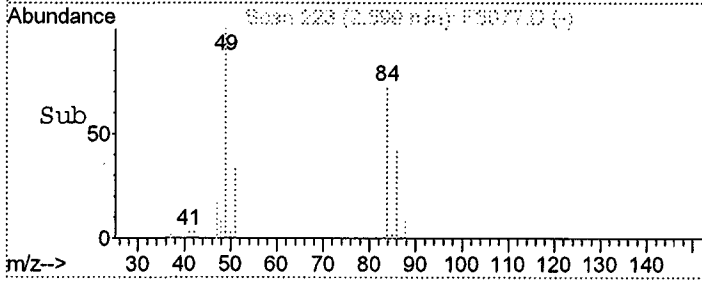
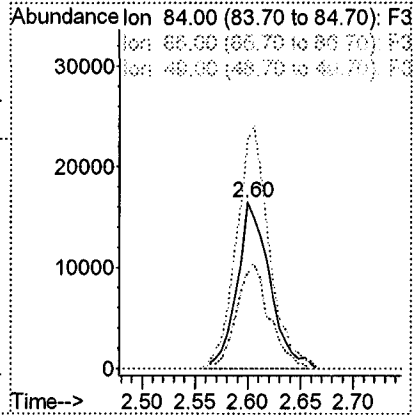
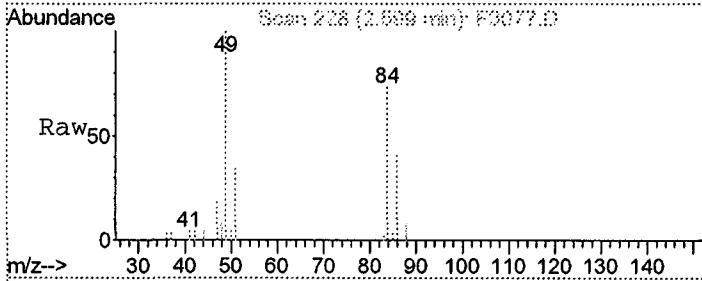
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	2869		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	3.45	43	685		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	0.00	83	0		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.69	92	1396		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.62	43	6404		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	0.00	43	0		N.D.	
55) C235 Chlorobenzene	7.01	112	153		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.13	91	1042		N.D.	
58) C246 m,p-Xylene	7.24	106	570		N.D.	
59) C247 o-Xylene	0.00	106	0		N.D.	
60) C245 Styrene	0.00	104	0		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	0.00	105	0		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	0.00	53	0		N.D.	
69) C302 n-Propylbenzene	0.00	91	0		N.D.	
70) C303 O 2-Chlorotoluene	0.00	126	0		N.D.	
71) C289 P 4-Chlorotoluene	0.00	126	0		N.D.	
72) C304 1,3,5-Trimethylbenze	0.00	105	0		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.07	105	1031		N.D.	
75) C308 sec-Butylbenzene	9.07	105	1031		N.D.	
76) C260 1,3-Dichlorobenzene	9.46	146	658		N.D.	
77) C309 p-Cymene (4-Isopropy	0.00	119	0		N.D.	
78) C267 1,4-Dichlorobenzene	9.46	146	658		N.D.	
79) C249 1,2-Dichlorobenzene	0.00	146	0		N.D.	
80) C310 n-Butylbenzene	0.00	91	0		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.34	75	1548	7.48	ng #	1
82) C313 1,2,4-Trichlorobenze	0.00	180	0		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	11.45	128	3578		N.D.	
85) C934 1,2,3-Trichlorobenze	11.64	180	134		N.D.	

(#) = qualifier out of range (m) = manual integration



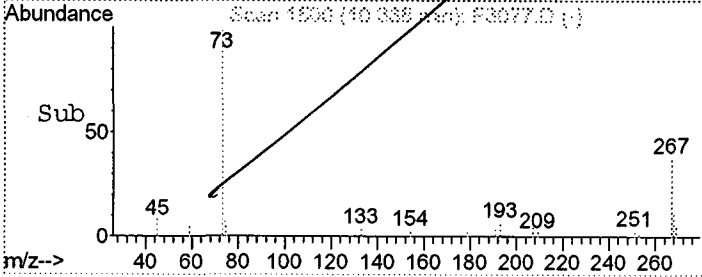
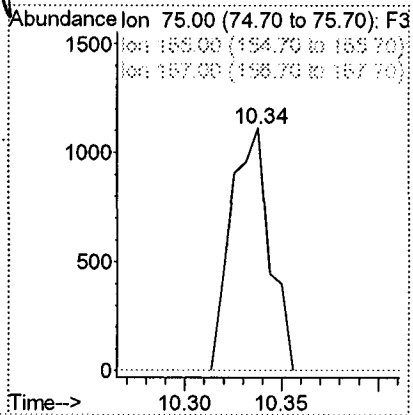
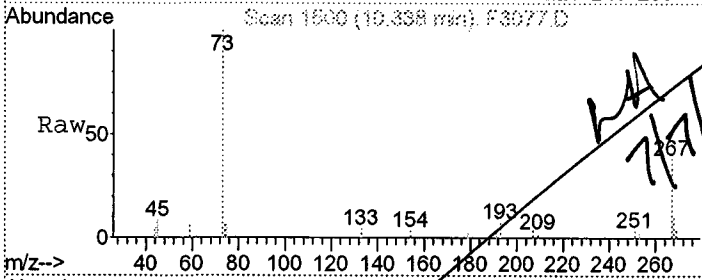
#10
 C030 Methylene chloride
 Concen: Below Cal
 RT: 2.60 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: F3077.D
 Acq: 4 Jul 2008 3:51

Tgt Ion	Resp	Lower	Upper
84	100		
86	57.6	40.0	100.0
49	137.7	95.0	155.0



#81
 C286 1,2-Dibromo-3-Chloropropane
 Concen: 7.48 ng
 RT: 10.34 min Scan# 1500
 Delta R.T. -0.22 min
 Lab File: F3077.D
 Acq: 4 Jul 2008 3:51

Tgt Ion	Resp	Lower	Upper
75	100		
155	0.0	62.7	122.7#
197	0.0	87.9	147.9#



Handwritten: NA 7/7/08

Operator ID: JLG Date Acquired: 4 Jul 2008 3:51
Data File: H:\GCMS_VOA\F\070308\F3077.D
Name: A8798802
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	|--Internal Standard--|			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8769105Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3042.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	29	
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromofom	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.1	
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	1.0	U
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.0	U
541-73-1-----	1,3-Dichlorobenzene	1.0	U
106-46-7-----	1,4-Dichlorobenzene	1.0	U
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	1.0	U
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	1.0	U
75-09-2-----	Methylene chloride	6.8	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8769105Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3042.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----	4-Methyl-2-pentanone	5.0	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5-----	Styrene	1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4-----	Tetrachloroethene	1.0	U
108-88-3-----	Toluene	1.0	U
120-82-1-----	1,2,4-Trichlorobenzene	1.0	U
71-55-6-----	1,1,1-Trichloroethane	1.0	U
79-00-5-----	1,1,2-Trichloroethane	1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4-----	Trichlorofluoromethane	1.0	U
79-01-6-----	Trichloroethene	1.0	U
75-01-4-----	Vinyl chloride	1.0	U
1330-20-7-----	Total Xylenes	3.0	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TRIP BLANK

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8769105Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3042.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: not dec. _____ Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 4 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	3.35	19	J
2.	UNKNOWN	6.02	12	J
3. 66-25-1	HEXANAL	6.36	5	JN
4.	UNKNOWN	8.43	6	J

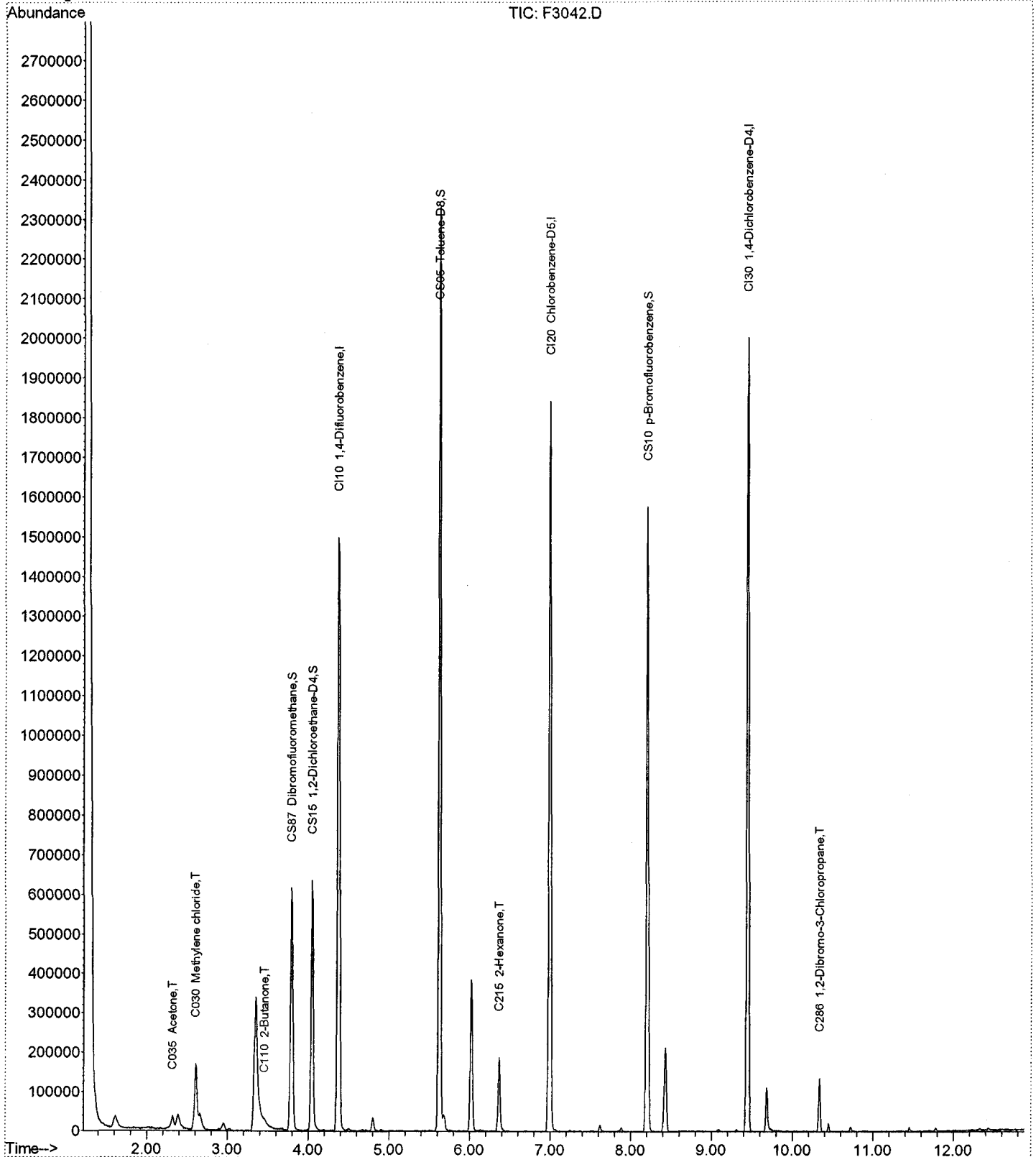
+ TIC

Data File : H:\GCMS_VOA\F\070108\F3042.D
Acq On : 1 Jul 2008 17:59
Sample : A8769105 *hosdypta*
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 1 18:45 2008

Vial: 1
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Initial Calibration



JTK

Data File : H:\GCMS_VOA\F\070108\F3042.D
Acq On : 1 Jul 2008 17:59
Sample : A8769105
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 01 18:45:53 2008

Vial: 1
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Initial Calibration
DataAcq Meth : VOA

IS QA File : H:\GCMS_VOA\F\070108\F3029.D (1 Jul 2008 8:32)

Handwritten notes: JTG, 2007/11/15

Table with 7 columns: Internal Standards, R.T., QIon, Response, Conc, Units, Dev (Min) Rcv (Ar). Rows include CI10, CI20, CI30.

Table with 7 columns: System Monitoring Compounds, R.T., QIon, Response, Conc, Units, Dev (Min) Rcv (Ar). Rows include CS87, CS15, CS05, CS10.

Table with 7 columns: Target Compounds, R.T., QIon, Response, Conc, Units, Dev (Min) Rcv (Ar), Qvalue. Rows include C290, C010, C020, C015, C025, C275, C291, C045, C030, C040, C036, C038, C035, C300, C276, C255, C962, C057, C050, C125, C051, C056, C272, C222, C060, C256, C115, C120, C116.

Handwritten signature

Data File : H:\GCMS_VOA\F\070108\F3042.D
Acq On : 1 Jul 2008 17:59
Sample : A8769105 headspace
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 01 18:45:53 2008

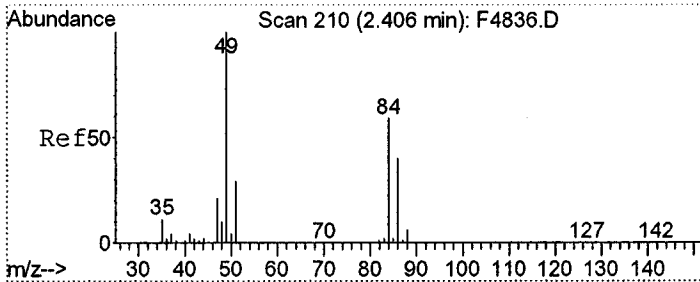
Vial: 1
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Initial Calibration
DataAcq Meth : VOA

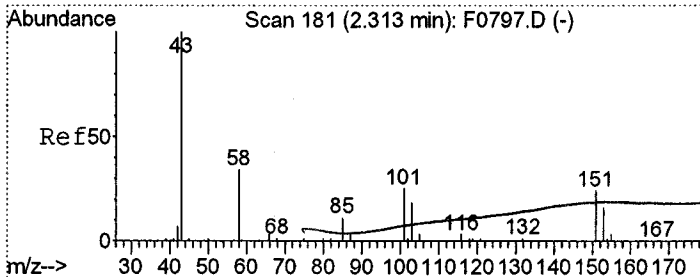
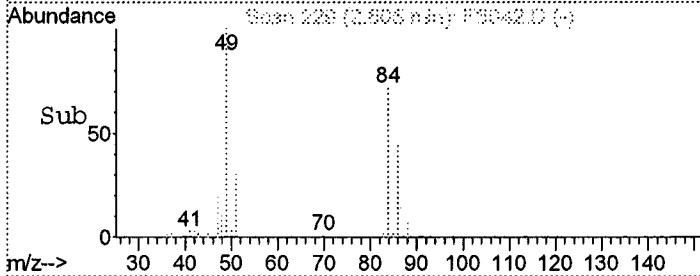
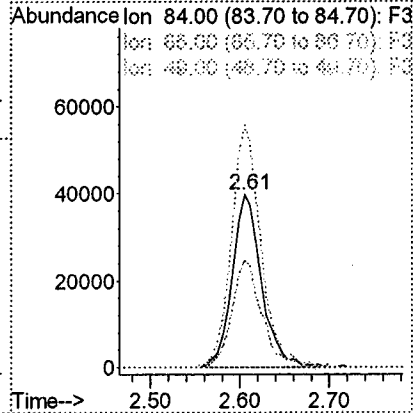
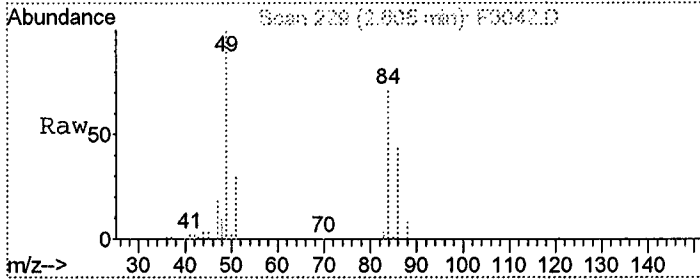
Table with columns: Compound, R.T., QIon, Response, Conc Unit, Qvalue. Contains 85 rows of chemical analysis data, including Benzene, 2-Butanone, and various chlorinated hydrocarbons.

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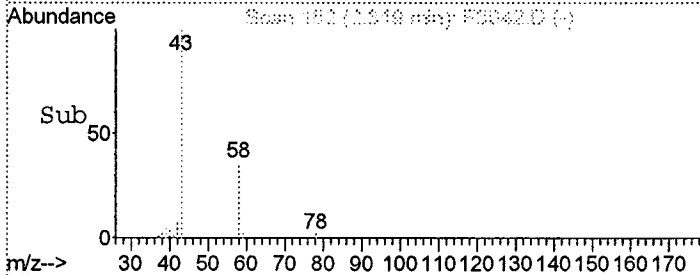
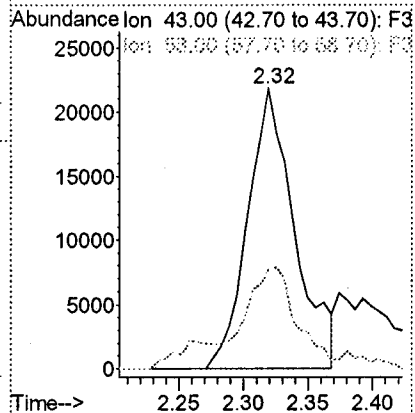
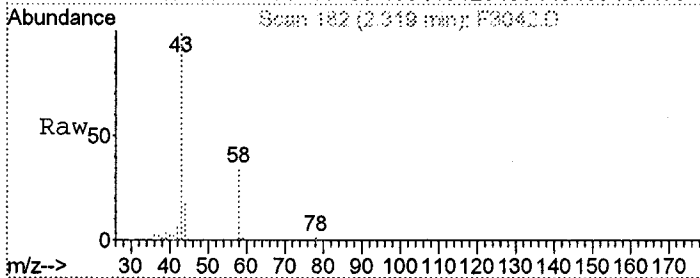
#10
 C030 Methylene chloride
 Concen: 33.80 ng
 RT: 2.61 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: F3042.D
 Acq: 1 Jul 2008 17:59

Tgt Ion	Resp	Lower	Upper
84	100		
86	61.7	40.0	100.0
49	139.7	95.0	155.0



#14
 C035 Acetone
 Concen: 145.17 ng
 RT: 2.32 min Scan# 182
 Delta R.T. 0.00 min
 Lab File: F3042.D
 Acq: 1 Jul 2008 17:59

Tgt Ion	Resp	Lower	Upper
43	100		
58	35.1	3.0	63.0

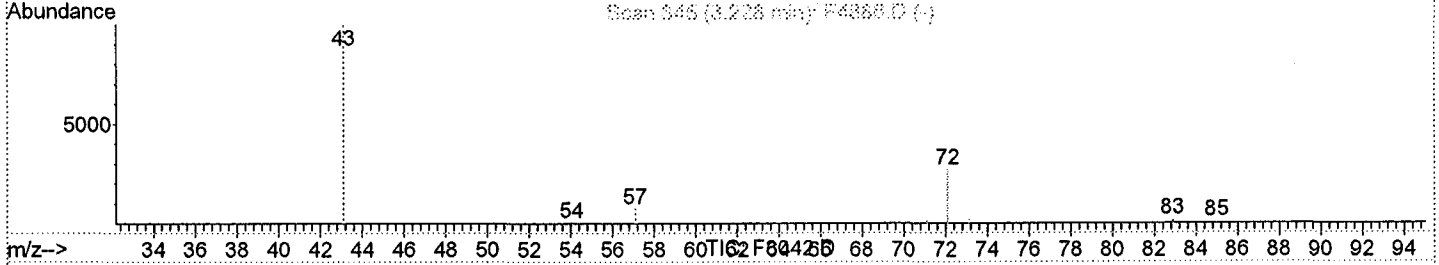
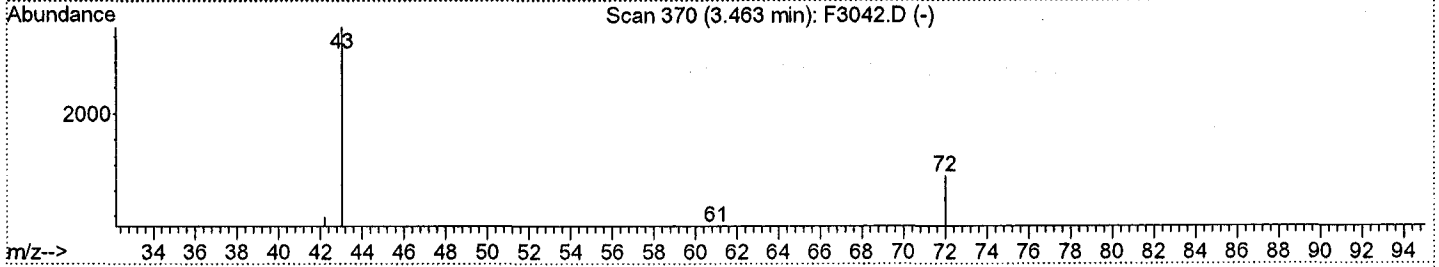
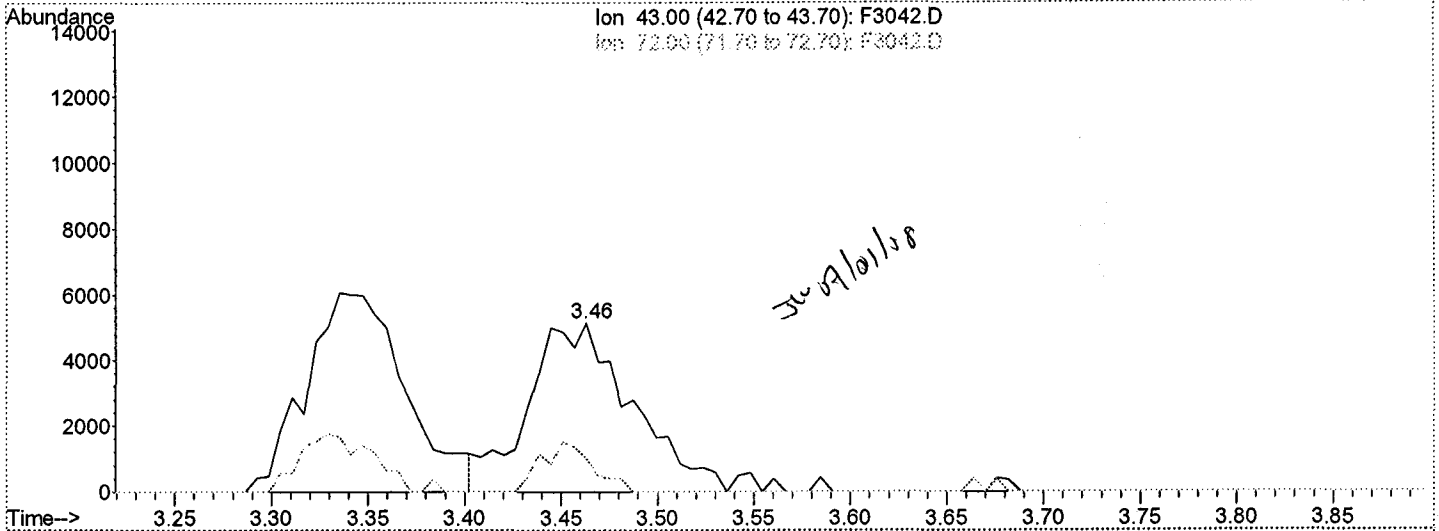


Data File : H:\GCMS_VOA\F\070108\F3042.D
 Acq On : 1 Jul 2008 17:59
 Sample : A8769105
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 1 18:45 2008

Vial: 1
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 09:52:08 2008
 Response via : Multiple Level Calibration



(35) C110 2-Butanone (T)

3.46min 25.48ng

response 19071

Ion	Exp%	Act%
43.00	100	100
72.00	28.50	19.84
0.00	0.00	0.00
0.00	0.00	0.00

Data File : H:\GCMS_VOA\F\070108\F3042.D
 Acq On : 1 Jul 2008 17:59
 Sample : A8769105 *hso dpa*
 Misc :
 MS Integration Params: Lscint.p

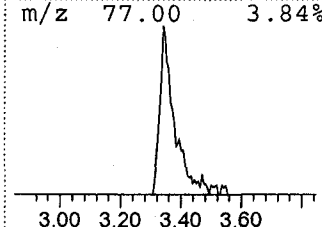
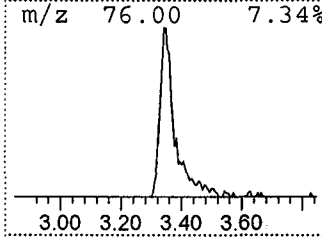
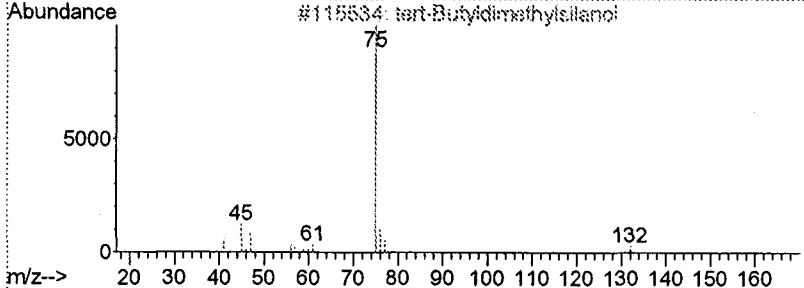
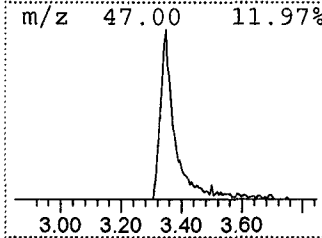
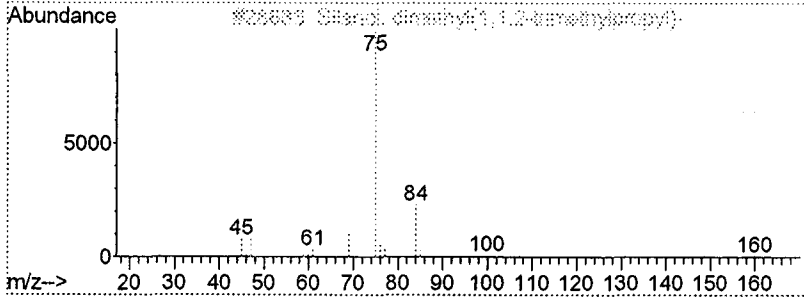
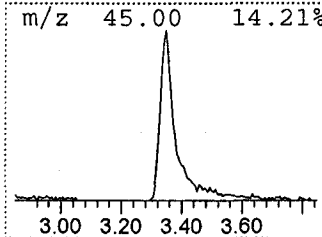
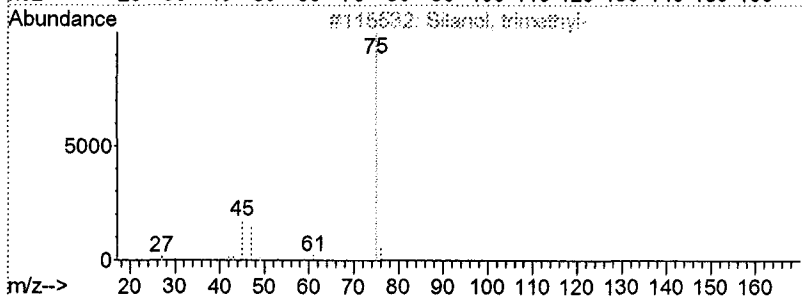
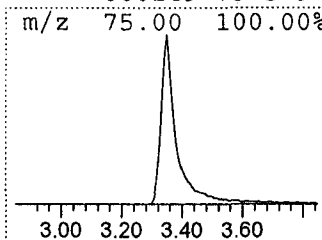
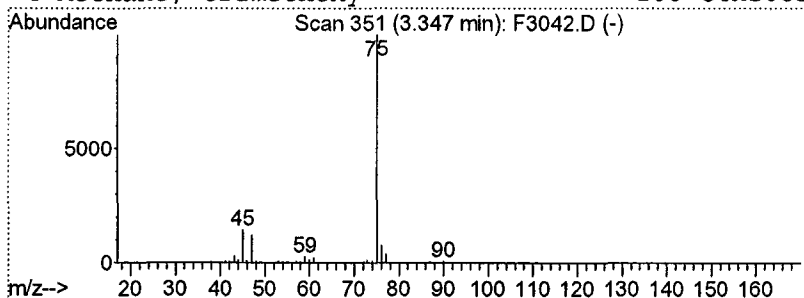
Vial: 1
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Library : C:\DATABASE\NIST98.L

 Peak Number 1 Silanol, trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
3.35	97.00 ng	1105310	CI10 1,4-Difluor	2848840	4.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	78
2		Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	64
3		tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	38
4		Methane, trimethoxy-	106	C4H10O3	000149-73-5	9



Data File : H:\GCMS_VOA\F\070108\F3042.D
 Acq On : 1 Jul 2008 17:59
 Sample : A8769105 *hexa2pa U*
 Misc :
 MS Integration Params: Lscint.p

Vial: 1
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

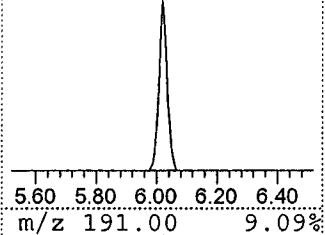
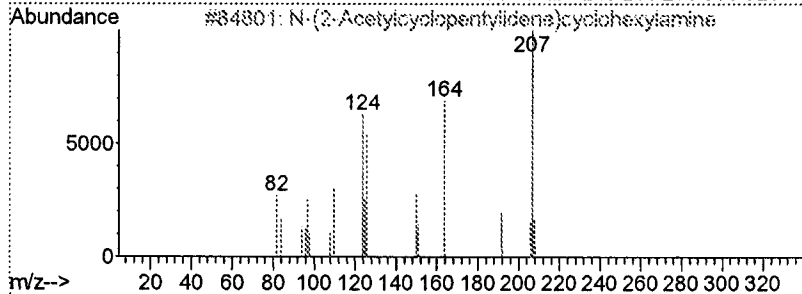
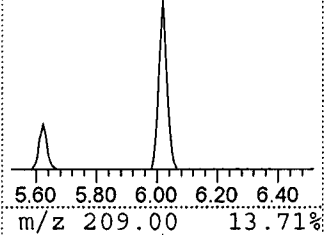
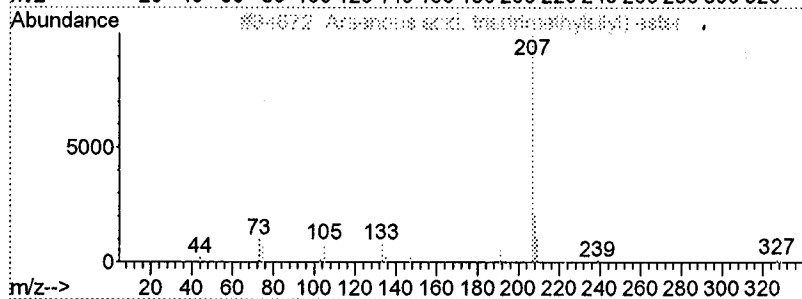
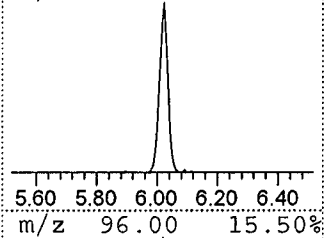
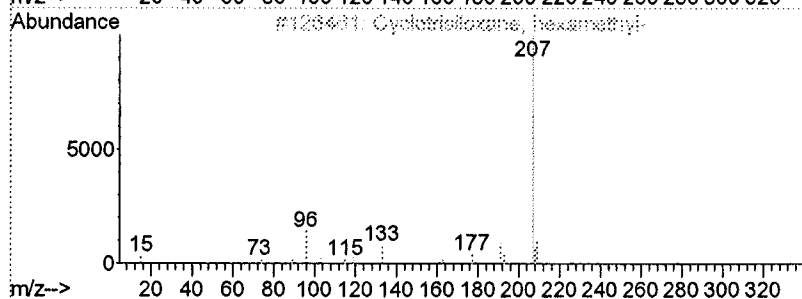
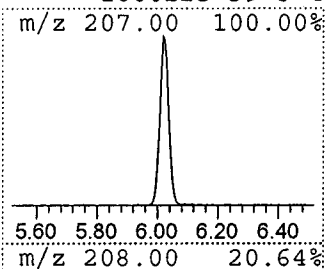
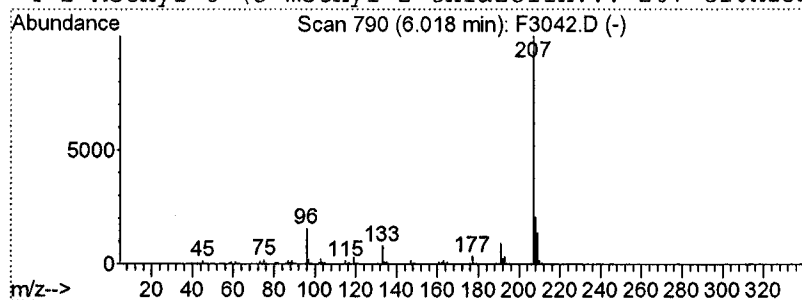
Title : 8260 SOILS ENCON

Library : C:\DATABASE\NIST98.L

 Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
6.02	59.54 ng	766918	CI20 Chlorobenze	3220320	6.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	80
2			Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	72
3			N-(2-Acetylcyclopentylidene)cycl...	207	C13H21NO	1000100-48-5	59
4			2-Methyl-6-(5-methyl-2-thiazolin...	207	C10H13N3S	1000225-39-3	47



Data File : H:\GCMS_VOA\F\070108\F3042.D
 Acq On : 1 Jul 2008 17:59
 Sample : A8769105 *hexanal*
 Misc :
 MS Integration Params: Lscint.p

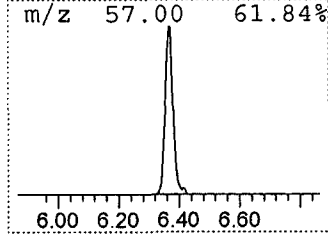
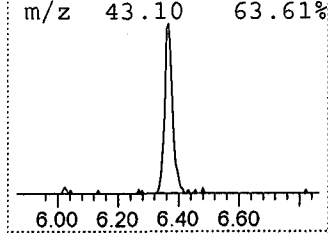
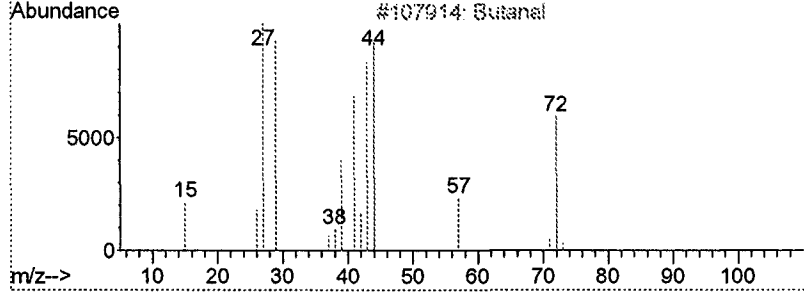
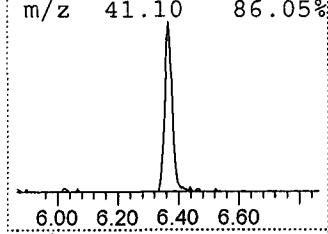
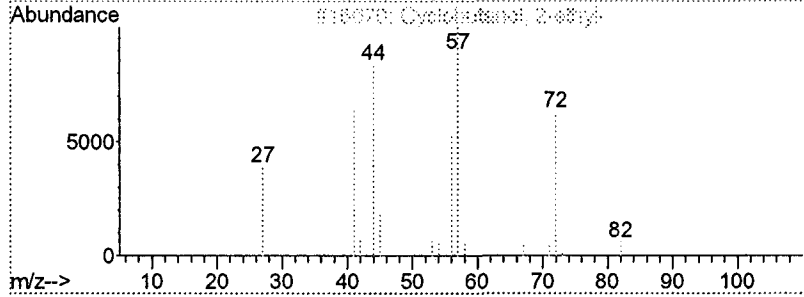
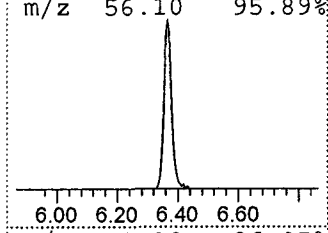
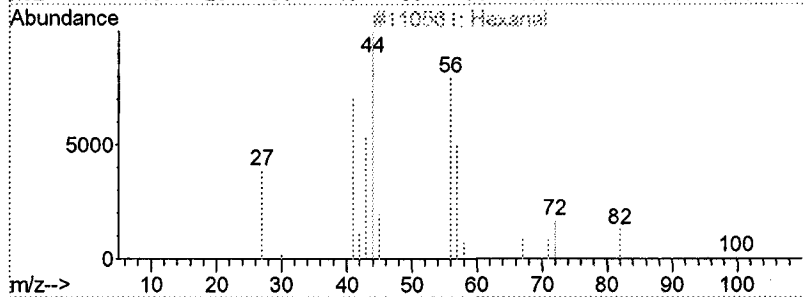
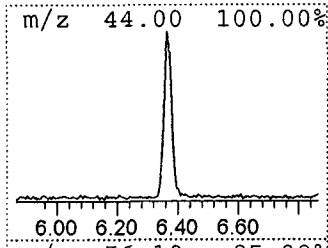
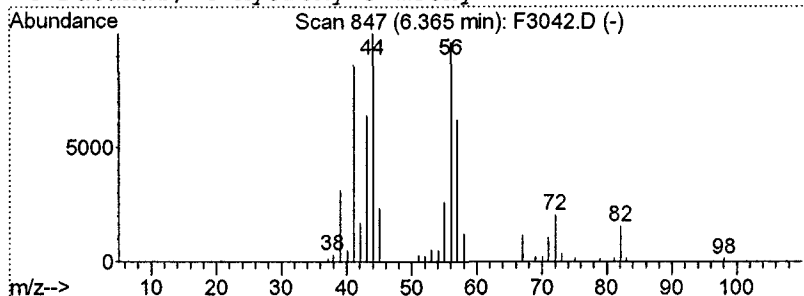
Vial: 1
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Library : C:\DATABASE\NIST98.L

 Peak Number 3 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
6.36	26.07 ng	335835	CI20 Chlorobenze	3220320	6.99

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexanal	100	C6H12O	000066-25-1	90
2		Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	42
3		Butanal	72	C4H8O	000123-72-8	35
4		Butanal, 4-hydroxy-3-methyl-	102	C5H10O2	056805-34-6	25



Data File : H:\GCMS_VOA\F\070108\F3042.D
Acq On : 1 Jul 2008 17:59
Sample : A8769105 he2sjpa q
Misc :
MS Integration Params: Lscint.p

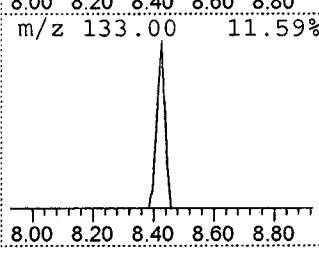
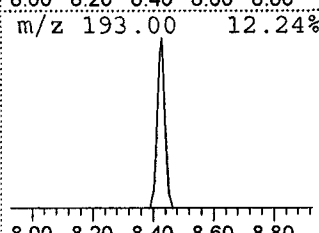
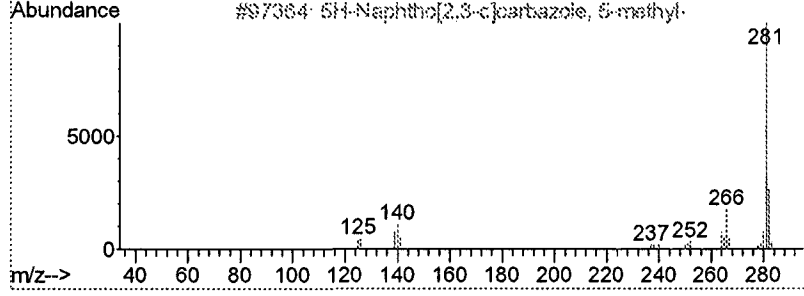
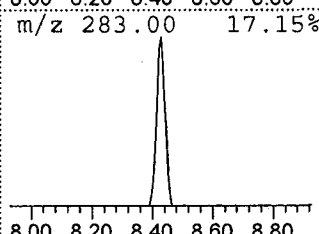
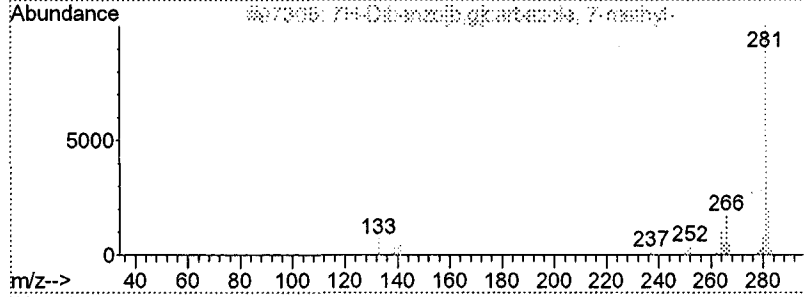
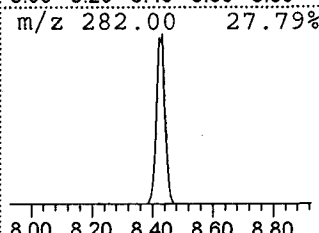
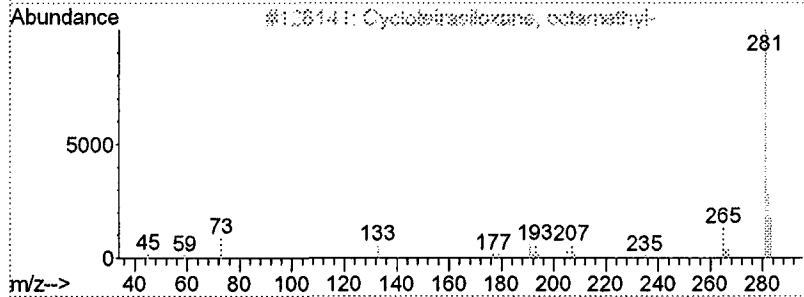
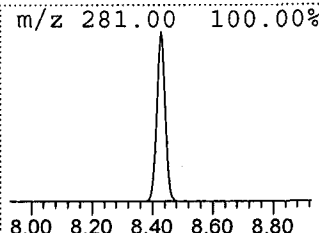
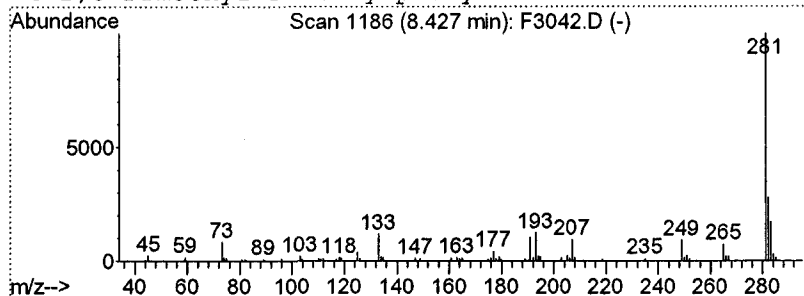
Vial: 1
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Library : C:\DATABASE\NIST98.L

Peak Number 4 Cyclotetrasiloxane, octamet... Concentration Rank 3

Table with 6 columns: R.T., EstConc, Area, Relative to ISTD, IS Area, R.T. Row 1: 8.43, 31.74 ng, 403063, CI30 1,4-Dichlor, 3174640, 9.44

Table with 7 columns: Hit# of, Tentative ID, MW, MolForm, CAS#, Qual. Row 1: 1, Cyclotetrasiloxane, octamethyl-, 296, C8H24O4Si4, 000556-67-2, 78



Operator ID: JLG Date Acquired: 1 Jul 2008 17:59
Data File: H:\GCMS_VOA\F\070108\F3042.D
Name: A8769105 *hex>ρ>U*
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	|--Internal Standard--|			
					#	RT	Resp	Conc
Silanol, trimethyl-	3.35	97.0	ng	1105310	1	4.38	2848840	250.0
Cyclotrisiloxane,...	6.02	59.5	ng	766918	2	6.99	3220320	250.0
Hexanal	6.36	26.1	ng	335835	2	6.99	3220320	250.0
Cyclotetrasiloxan...	8.43	31.7	ng	403063	3	9.44	3174640	250.0

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8798806Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3083.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
---------	----------	-----------------	-------------	---

67-64-1-----	Acetone		5.9	B
71-43-2-----	Benzene		1.0	U
75-27-4-----	Bromodichloromethane		1.0	U
75-25-2-----	Bromoform		1.0	U
74-83-9-----	Bromomethane		1.0	U
78-93-3-----	2-Butanone		5.0	U
75-15-0-----	Carbon Disulfide		1.0	U
56-23-5-----	Carbon Tetrachloride		1.0	U
108-90-7-----	Chlorobenzene		1.0	U
75-00-3-----	Chloroethane		1.0	U
67-66-3-----	Chloroform		1.0	U
74-87-3-----	Chloromethane		1.0	U
110-82-7-----	Cyclohexane		1.0	U
106-93-4-----	1,2-Dibromoethane		1.0	U
124-48-1-----	Dibromochloromethane		1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane		1.0	U
95-50-1-----	1,2-Dichlorobenzene		1.0	U
541-73-1-----	1,3-Dichlorobenzene		1.0	U
106-46-7-----	1,4-Dichlorobenzene		1.0	U
75-71-8-----	Dichlorodifluoromethane		1.0	U
75-34-3-----	1,1-Dichloroethane		1.0	U
107-06-2-----	1,2-Dichloroethane		1.0	U
75-35-4-----	1,1-Dichloroethene		1.0	U
156-59-2-----	cis-1,2-Dichloroethene		1.0	U
156-60-5-----	trans-1,2-Dichloroethene		1.0	U
78-87-5-----	1,2-Dichloropropane		1.0	U
10061-01-5----	cis-1,3-Dichloropropene		1.0	U
10061-02-6----	trans-1,3-Dichloropropene		1.0	U
100-41-4-----	Ethylbenzene		1.0	U
591-78-6-----	2-Hexanone		5.0	U
98-82-8-----	Isopropylbenzene		1.0	U
79-20-9-----	Methyl acetate		1.0	U
108-87-2-----	Methylcyclohexane		1.0	U
75-09-2-----	Methylene chloride		4.1	B

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8798806Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3083.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-10-1-----	4-Methyl-2-pentanone		5.0	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		1.0	U
100-42-5-----	Styrene		1.0	U
79-34-5-----	1,1,2,2-Tetrachloroethane		1.0	U
127-18-4-----	Tetrachloroethene		1.0	U
108-88-3-----	Toluene		1.0	U
120-82-1-----	1,2,4-Trichlorobenzene		1.0	U
71-55-6-----	1,1,1-Trichloroethane		1.0	U
79-00-5-----	1,1,2-Trichloroethane		1.0	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		1.0	U
75-69-4-----	Trichlorofluoromethane		1.0	U
79-01-6-----	Trichloroethene		1.0	U
75-01-4-----	Vinyl chloride		1.0	U
1330-20-7-----	Total Xylenes		3.0	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TRIP BLANK

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) WATER Lab Sample ID: A8798806

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3083.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: not dec. _____ Date Analyzed: 07/04/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

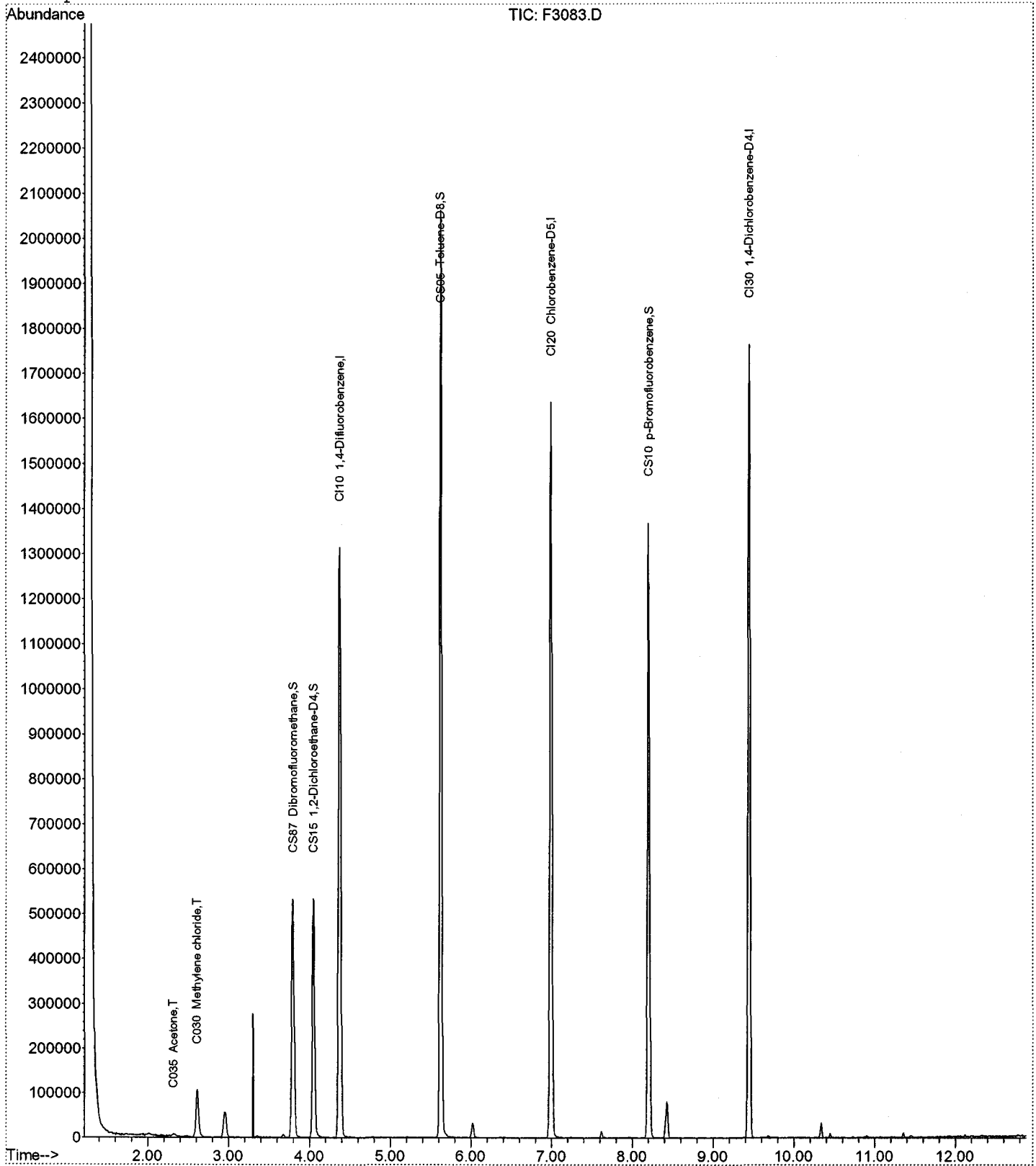
CAS NO.	Compound Name	RT	Est. Conc.	Q

Data File : H:\GCMS_VOA\F\070308\F3083.D
Acq On : 4 Jul 2008 6:24
Sample : A8798806
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 7 8:30 2008

Vial: 47
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration



Data File : H:\GCMS_VOA\F\070308\F3083.D
Acq On : 4 Jul 2008 6:24
Sample : A8798806
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 07 08:30:19 2008

Vial: 47
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA

IS QA File : H:\GCMS_VOA\F\070308\F3062.D (3 Jul 2008 20:57)

Handwritten notes: NO TIC, S/E, 7/7/08

Table with 7 columns: Internal Standards, R.T., QIon, Response, Conc, Units, Dev(Min) Rcv(Ar). Rows include CI10, CI20, CI30.

System Monitoring Compounds

Table with 7 columns: ID, Name, R.T., QIon, Response, Conc, Units, Dev(Min) Rcv(Ar). Rows include CS87, CS15, CS05, CS10.

Target Compounds

Qvalue

Table with 7 columns: ID, Name, R.T., QIon, Response, Conc, Units, Dev(Min) Rcv(Ar). Rows include C290, C010, C020, C015, C025, C275, C291, C045, C030, C040, C036, C038, C035, C300, C276, C255, C962, C057, C050, C125, C051, C056, C272, C222, C060, C256, C115, C120, C116.

(#) = qualifier out of range (m) = manual integration

Handwritten signature

Data File : H:\GCMS_VOA\F\070308\F3083.D
 Acq On : 4 Jul 2008 6:24
 Sample : A8798806
 Misc :

Vial: 47
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:30:19 2008

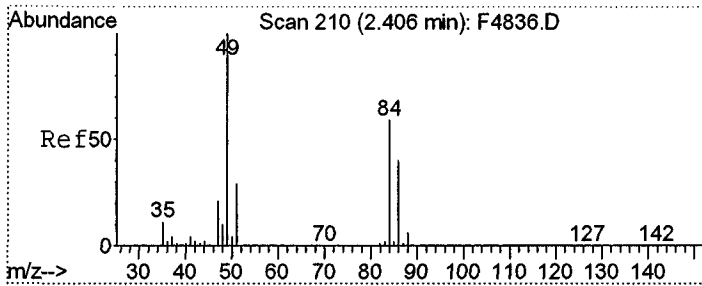
Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	2772		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	3.47	43	675		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	0.00	83	0		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.68	92	2303		N.D.	
46) C170 trans-1,3-Dichloropr	6.01	75	188		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.62	43	5560		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	6.40	43	133		N.D.	
55) C235 Chlorobenzene	7.02	112	962		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.13	91	1211		N.D.	
58) C246 m,p-Xylene	7.24	106	294		N.D.	
59) C247 o-Xylene	0.00	106	0		N.D.	
60) C245 Styrene	7.68	104	152		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	8.19	105	265		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	0.00	53	0		N.D.	
69) C302 n-Propylbenzene	0.00	91	0		N.D.	
70) C303 O 2-Chlorotoluene	8.43	126	141		N.D.	
71) C289 P 4-Chlorotoluene	0.00	126	0		N.D.	
72) C304 1,3,5-Trimethylbenze	0.00	105	0		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.08	105	971		N.D.	
75) C308 sec-Butylbenzene	9.08	105	971		N.D.	
76) C260 1,3-Dichlorobenzene	9.48	146	785		N.D.	
77) C309 p-Cymene (4-Isopropy	0.00	119	0		N.D.	
78) C267 1,4-Dichlorobenzene	9.48	146	785		N.D.	
79) C249 1,2-Dichlorobenzene	0.00	146	0		N.D.	
80) C310 n-Butylbenzene	0.00	91	0		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.34	75	1004		N.D.	
82) C313 1,2,4-Trichlorobenze	0.00	180	0		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	11.45	128	4426		N.D.	
85) C934 1,2,3-Trichlorobenze	0.00	180	0		N.D.	

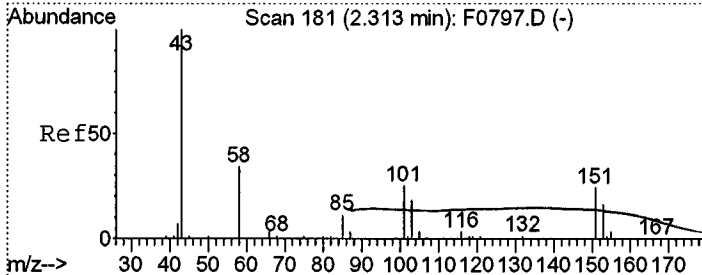
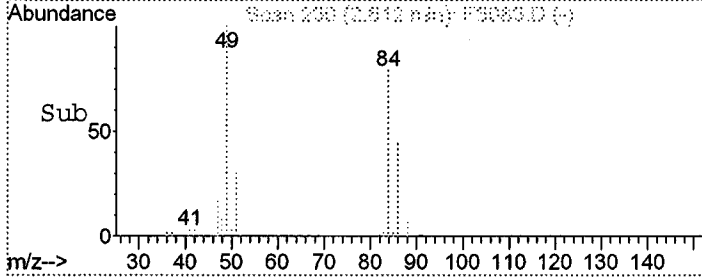
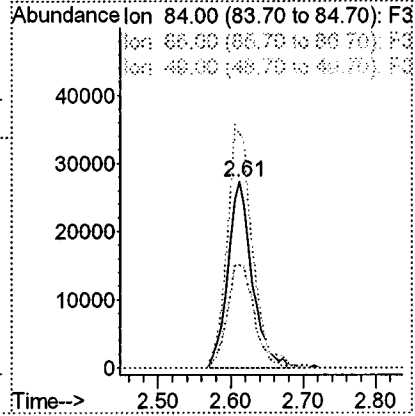
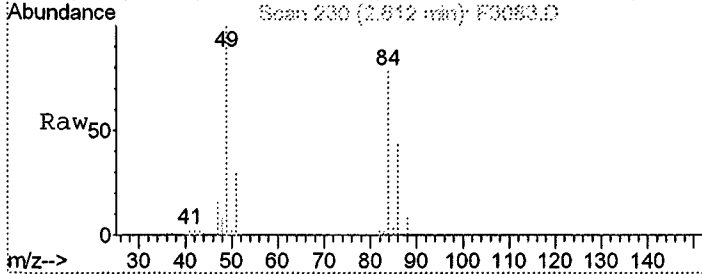
(#) = qualifier out of range (m) = manual integration

Handwritten signature



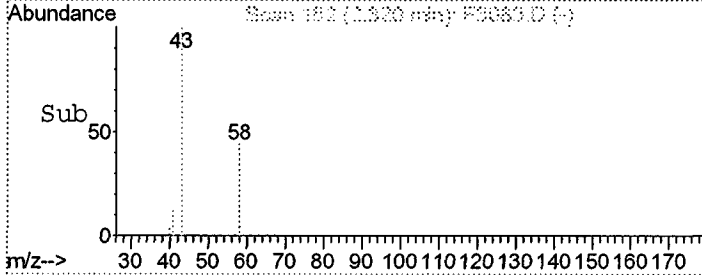
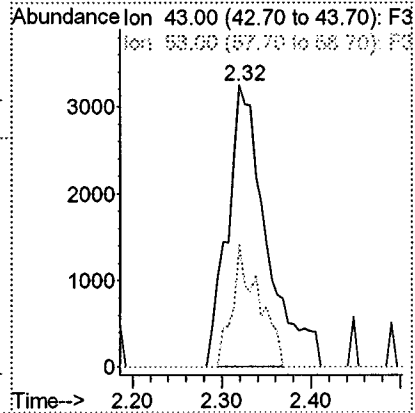
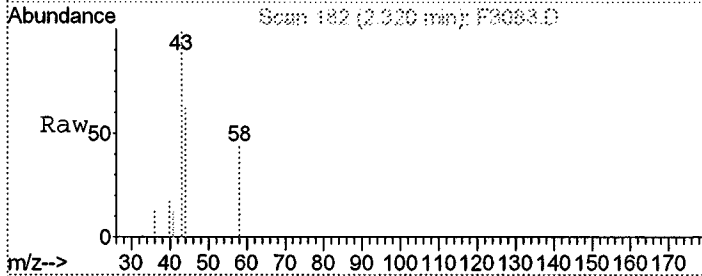
#10
 C030 Methylene chloride
 Concen: 20.49 ng
 RT: 2.61 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: F3083.D
 Acq: 4 Jul 2008 6:24

Tgt Ion	Resp	Lower	Upper
84	100		
86	55.3	40.0	100.0
49	126.0	95.0	155.0



#14
 C035 Acetone
 Concen: 29.32 ng
 RT: 2.32 min Scan# 182
 Delta R.T. 0.01 min
 Lab File: F3083.D
 Acq: 4 Jul 2008 6:24

Tgt Ion	Resp	Lower	Upper
43	100		
58	43.6	3.0	63.0



Operator ID: JLG Date Acquired: 4 Jul 2008 6:24
Data File: H:\GCMS_VOA\F\070308\F3083.D
Name: A8798806
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	|--Internal Standard--|			
					#	RT	Resp	Conc

Standards

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000477-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Intrument ID: HP5973F Calibration Dates(s): 06/25/2008 06/25/2008

Heated Purge (Y/N): Y Calibration Times: 02:39 04:21

GC Column: ZB-624 ID: 0.20 (mm)

Lab File ID: RRF5 = F2931.RR RRF20 = F2932.RR
 RRF50 = F2933.RR RRF100 = F2934.RR RRF200 = F2935.RR

COMPOUND	RRF5	RRF20	RRF50	RRF100	RRF200	AVG RRF	% RSD
Chloromethane	# 0.356	0.337	0.332	0.315	0.310	0.3300	5.600#
Bromomethane	0.127	0.119	0.123	0.121	0.117	0.1210	3.200|
Vinyl chloride	* 0.283	0.271	0.260	0.253	0.247	0.2630	5.400*
Chloroethane	0.127	0.117	0.119	0.112	0.116	0.1180	4.400|
Methylene chloride	0.547	0.347	0.324	0.301	0.286	0.3610	29.500
Acetone	0.083	0.076	0.079	0.076	0.064	0.0750	9.000
Carbon Disulfide	0.800	0.743	0.749	0.740	0.663	0.7390	6.600|
1,1-Dichloroethene	* 0.184	0.179	0.183	0.173	0.148	0.1730	8.400*
1,1-Dichloroethane	# 0.543	0.498	0.496	0.466	0.435	0.4870	8.300#
cis-1,2-Dichloroethene	0.334	0.302	0.307	0.289	0.275	0.3010	7.400|
trans-1,2-Dichloroethene	0.310	0.282	0.274	0.265	0.249	0.2760	8.200|
Chloroform	* 0.459	0.432	0.430	0.411	0.397	0.4260	5.500*
1,2-Dichloroethane	0.369	0.341	0.348	0.335	0.320	0.3430	5.400|
2-Butanone	0.149	0.150	0.159	0.151	0.133	0.1480	6.300|
1,1,1-Trichloroethane	0.354	0.333	0.338	0.335	0.325	0.3370	3.100|
Carbon Tetrachloride	0.249	0.245	0.252	0.256	0.253	0.2510	1.700|
Vinyl acetate	0.564	0.561	0.588	0.532	0.442	0.5370	10.500|
Bromodichloromethane	0.279	0.291	0.304	0.304	0.303	0.2960	3.800|
1,2-Dichloropropane	* 0.321	0.300	0.306	0.287	0.275	0.2980	5.900*
cis-1,3-Dichloropropene	0.408	0.408	0.429	0.417	0.406	0.4140	2.300|
Trichloroethene	0.285	0.257	0.256	0.250	0.241	0.2580	6.300|
Dibromochloromethane	0.366	0.395	0.439	0.457	0.465	0.4240	10.000|
1,1,2-Trichloroethane	0.398	0.391	0.412	0.407	0.387	0.3990	2.600|
Benzene	1.196	1.114	1.088	1.059	0.954	1.0820	8.100|
trans-1,3-Dichloropropene	0.686	0.715	0.761	0.768	0.761	0.7380	4.900|
Bromoform	# 0.200	0.233	0.273	0.295	0.306	0.2610	17.000#
4-Methyl-2-pentanone	0.633	0.632	0.666	0.629	0.535	0.6190	8.000|
2-Hexanone	0.450	0.444	0.477	0.454	0.389	0.4430	7.400|
Tetrachloroethene	0.567	0.534	0.516	0.505	0.477	0.5200	6.400|
1,1,2,2-Tetrachloroethane	# 0.702	0.699	0.736	0.706	0.670	0.7020	3.300#
Toluene	* 1.586	1.409	1.371	1.330	1.270	1.3930	8.600*
Chlorobenzene	# 1.552	1.456	1.438	1.409	1.339	1.4390	5.400#
Ethylbenzene	* 2.704	2.575	2.496	2.405	2.189	2.4740	7.800*
Styrene	1.538	1.565	1.567	1.500	1.397	1.5130	4.600|
Total Xylenes	1.005	0.965	0.945	0.902	0.844	0.9320	6.600|
1,1,2-Trichloro-1,2,2-trifl	0.196	0.185	0.180	0.178	0.157	0.1790	7.800|
1,2,4-Trichlorobenzene	0.994	0.945	0.931	0.876	0.832	0.9150	6.900|

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000477-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Intrument ID: HP5973F Calibration Dates(s): 06/25/2008 06/25/2008

Heated Purge (Y/N): Y Calibration Times: 02:39 04:21

GC Column: ZB-624 ID: 0.20 (mm)

Lab File ID: RRF5 = F2931.RR RRF20 = F2932.RR
 RRF50 = F2933.RR RRF100 = F2934.RR RRF200 = F2935.RR

COMPOUND	RRF5	RRF20	RRF50	RRF100	RRF200	AVG RRF	% RSD
1,2,4-Trimethylbenzene	2.347	2.222	2.190	2.125	2.030	2.1830	5.400
1,2-Dibromo-3-chloropropane	0.094	0.111	0.119	0.127	0.127	0.1150	12.100
1,2-Dibromoethane	0.459	0.452	0.477	0.470	0.451	0.4610	2.400
1,2-Dichlorobenzene	1.303	1.218	1.215	1.132	1.069	1.1870	7.600
1,3,5-Trimethylbenzene	2.240	2.183	2.131	2.054	1.933	2.1080	5.600
1,3-Dichlorobenzene	1.326	1.259	1.237	1.184	1.150	1.2310	5.600
1,4-Dichlorobenzene	1.348	1.265	1.264	1.213	1.169	1.2520	5.400
p-Cymene	2.462	2.391	2.366	2.271	2.136	2.3250	5.400
Cyclohexane	0.591	0.555	0.530	0.523	0.482	0.5360	7.500
Dichlorodifluoromethane	0.186	0.173	0.178	0.176	0.173	0.1770	3.100
Methyl acetate	0.397	0.396	0.398	0.377	0.342	0.3820	6.300
Naphthalene	2.428	2.305	2.402	2.276	2.103	2.3030	5.600
Trichlorofluoromethane	0.278	0.253	0.241	0.234	0.237	0.2490	7.200
n-Butylbenzene	2.509	2.414	2.304	2.191	1.994	2.2820	8.800
n-Propylbenzene	3.556	3.359	3.243	3.118	2.858	3.2270	8.100
sec-Butylbenzene	2.841	2.723	2.640	2.533	2.390	2.6250	6.600
Methyl-t-Butyl Ether (MTBE)	0.802	0.817	0.830	0.772	0.749	0.7940	4.200
tert-Butylbenzene	0.507	0.469	0.466	0.458	0.450	0.4700	4.700
Isopropylbenzene	2.669	2.571	2.512	2.420	2.303	2.4950	5.600
Methylcyclohexane	0.522	0.505	0.477	0.465	0.424	0.4780	8.000
=====							
Toluene-D8	2.914	2.480	2.642	2.438	2.162	2.5270	11.000
p-Bromofluorobenzene	0.886	0.724	0.745	0.716	0.652	0.7450	11.600
1,2-Dichloroethane-D4	0.404	0.348	0.358	0.332	0.321	0.3530	9.100

Comments:

Response Factor Report HP5973F

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:27:34 2008
 Response via : Initial Calibration

Calibration Files

1 =F2931.D 2 =F2932.D 3 =F2933.D
 4 =F2934.D 5 =F2935.D

8260
 (A8I...0477)

Compound	1	2	3	4	5	Avg	%RSD
1) I CI10 1,4-Difluoroben	-----ISTD-----						
2) T C290 Dichlorodifluor	0.186	0.173	0.178	0.176	0.173	0.177	3.09
3) T C010 Chloromethane	0.356	0.337	0.332	0.315	0.310	0.330	5.57
4) T C020 Vinyl chloride	0.283	0.271	0.260	0.253	0.247	0.263	5.44
5) T C015 Bromomethane	0.127	0.119	0.123	0.121	0.117	0.121	3.17
6) T C025 Chloroethane	0.127	0.117	0.119	0.112	0.116	0.118	4.45
7) T C275 Trichlorofluoro	0.278	0.253	0.241	0.234	0.237	0.249	7.20
8) T C291 1,1,2-Trichloro	0.196	0.185	0.180	0.178	0.157	0.179	7.84
9) T C045 1,1-Dichloroeth	0.184	0.179	0.183	0.173	0.148	0.173	8.46
10) T C030 Methylene chlor	0.547	0.347	0.324	0.301	0.286	-----	
					L M= 0.278	R^2=0.999	
					B= 0.037		
11) T C040 Carbon disulfid	0.800	0.743	0.749	0.740	0.663	0.739	6.62
12) T C036 Acrolein	0.013	0.013	0.014	0.013	0.012	0.013	3.92
13) T C038 Acrylonitrile	0.121	0.121	0.128	0.123	0.111	0.121	5.18
14) T C035 Acetone	0.082	0.076	0.078	0.076	0.064	0.075	8.98
15) T C300 Acetonitrile	0.042	0.041	0.042	0.041	0.038	0.041	4.66
16) T C276 Iodomethane	0.372	0.355	0.347	0.333	0.328	0.347	5.03
17) T C255 Methyl Acetate	0.397	0.396	0.398	0.377	0.342	0.382	6.32
18) T C962 T-butyl Methyl	0.802	0.817	0.830	0.772	0.749	0.794	4.19
19) T C057 trans-1,2-Dichl	0.310	0.282	0.274	0.264	0.249	0.276	8.23
20) T C050 1,1-Dichloroeth	0.543	0.498	0.496	0.466	0.435	0.487	8.28
21) T C125 Vinyl Acetate	0.564	0.561	0.587	0.532	0.442	0.537	10.54
22) T C051 2,2-Dichloropro	0.348	0.335	0.327	0.324	0.314	0.330	3.86
23) T C056 cis-1,2-Dichlor	0.334	0.302	0.307	0.289	0.275	0.301	7.36
24) T C272 Tetrahydrofuran	0.100	0.102	0.110	0.105	0.093	0.102	6.25
25) T C222 Bromochlorometh	0.138	0.134	0.142	0.134	0.131	0.136	3.26
26) T C060 Chloroform	0.459	0.432	0.430	0.411	0.397	0.426	5.54
27) S CS87 Dibromofluorome	0.327	0.288	0.306	0.289	0.273	0.297	6.92
28) T C256 Cyclohexane	0.591	0.555	0.529	0.523	0.482	0.536	7.51
29) T C115 1,1,1-Trichloro	0.354	0.333	0.338	0.335	0.325	0.337	3.14
30) T C120 Carbon tetrachl	0.249	0.245	0.252	0.256	0.253	0.251	1.68
31) T C116 1,1-Dichloropro	0.362	0.343	0.334	0.324	0.308	0.334	6.08
32) S CS15 1,2-Dichloroeth	0.404	0.348	0.358	0.332	0.321	0.353	9.08
33) T C165 Benzene	1.196	1.114	1.088	1.059	0.954	1.082	8.11
34) T C065 1,2-Dichloroeth	0.369	0.341	0.348	0.335	0.319	0.343	5.35
35) T C110 2-Butanone	0.149	0.150	0.159	0.151	0.133	0.148	6.36
36) T C150 Trichloroethene	0.285	0.257	0.256	0.250	0.241	0.258	6.34
37) T C161 2-Chloroethylvi	0.135	0.142	0.150	0.114	0.117	0.132	12.01
38) T C012 Methylcyclohexa	0.522	0.505	0.477	0.465	0.424	0.478	7.96
39) T C140 1,2-Dichloropro	0.321	0.300	0.306	0.287	0.275	0.298	5.93
40) T C278 Dibromomethane	0.150	0.154	0.158	0.156	0.150	0.154	2.27
41) T C130 Bromodichlorome	0.279	0.291	0.304	0.303	0.303	0.296	3.78
42) T C145 cis-1,3-Dichlor	0.408	0.408	0.429	0.416	0.406	0.414	2.27
43) I CI20 Chlorobenzene-D	-----ISTD-----						
44) S CS05 Toluene-D8	2.914	2.480	2.641	2.438	2.161	2.527	10.95
45) T C230 Toluene	1.586	1.409	1.371	1.330	1.270	1.393	8.59
46) T C170 trans-1,3-Dichl	0.686	0.715	0.761	0.768	0.761	0.738	4.89
47) T C284 Ethyl Methacryl	0.691	0.746	0.818	0.800	0.756	0.762	6.55
48) T C160 1,1,2-Trichloro	0.398	0.391	0.412	0.407	0.387	0.399	2.60

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

Response Factor Report HP5973F

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:27:34 2008
 Response via : Initial Calibration

Calibration Files

1 =F2931.D 2 =F2932.D 3 =F2933.D
 4 =F2934.D 5 =F2935.D

Compound			1	2	3	4	5	Avg	%RSD	
49)	T	C210 4-Methyl-2-pent	0.633	0.632	0.666	0.629	0.535	0.619	7.95	
50)	T	C220 Tetrachloroethe	0.567	0.534	0.516	0.506	0.477	0.520	6.40	
51)	T	C221 1,3-Dichloropro	0.869	0.835	0.870	0.833	0.780	0.838	4.36	
52)	T	C155 Dibromochlorome	0.366	0.395	0.439	0.457	0.465	0.424	9.99	
53)	T	C163 1,2-Dibromoetha	0.459	0.451	0.477	0.469	0.451	0.461	2.45	
54)	T	C215 2-Hexanone	0.450	0.444	0.477	0.454	0.389	0.443	7.36	
55)	T	C235 Chlorobenzene	1.552	1.456	1.438	1.409	1.339	1.439	5.40	
56)	T	C281 1,1,1,2-Tetrach	0.422	0.429	0.458	0.459	0.453	0.444	3.96	
57)	T	C240 Ethylbenzene	2.704	2.575	2.496	2.405	2.189	2.474	7.81	
58)	T	C246 m,p-Xylene	1.055	0.956	0.934	0.897	0.816	0.931	9.35	
59)	T	C247 o-Xylene	1.005	0.965	0.945	0.902	0.844	0.932	6.62	
60)	T	C245 Styrene	1.538	1.565	1.567	1.499	1.397	1.513	4.65	
61)	T	C180 Bromoform	0.200	0.233	0.273	0.295	0.306	-----		
L M= 0.311 R^2=0.999										
B= -0.029										
62)	S	CS10 p-Bromofluorobe	0.886	0.724	0.744	0.716	0.652	0.745	11.56	
63)	I	CI30 1,4-Dichloroben	-----ISTD-----							
64)	T	C966 Isopropylbenzen	2.669	2.571	2.512	2.420	2.302	2.495	5.63	
65)	T	C301 Bromobenzene	0.675	0.634	0.637	0.620	0.599	0.633	4.41	
66)	T	C225 1,1,2,2-Tetrach	0.702	0.699	0.735	0.706	0.670	0.702	3.30	
67)	T	C282 1,2,3-Trichloro	0.218	0.194	0.200	0.189	0.180	0.196	7.31	
68)	T	C283 t-1,4-Dichloro-	0.195	0.209	0.224	0.214	0.196	0.207	5.86	
69)	T	C302 n-Propylbenzene	3.556	3.358	3.243	3.118	2.858	3.227	8.11	
70)	T	C303 O 2-Chlorotolue	0.681	0.646	0.646	0.632	0.614	0.643	3.80	
71)	T	C289 P 4-Chlorotolue	0.719	0.660	0.657	0.639	0.608	0.656	6.20	
72)	T	C304 1,3,5-Trimethyl	2.240	2.183	2.131	2.054	1.933	2.108	5.66	
73)	T	C306 tert-Butylbenze	0.507	0.469	0.466	0.457	0.450	0.470	4.68	
74)	T	C307 1,2,4-Trimethyl	2.347	2.222	2.190	2.125	2.030	2.183	5.39	
75)	T	C308 sec-Butylbenzen	2.841	2.723	2.640	2.533	2.390	2.625	6.61	
76)	T	C260 1,3-Dichloroben	1.326	1.259	1.237	1.184	1.150	1.231	5.56	
77)	T	C309 p-Cymene (4-Iso	2.462	2.391	2.366	2.271	2.136	2.325	5.41	
78)	T	C267 1,4-Dichloroben	1.348	1.265	1.264	1.213	1.169	1.252	5.36	
79)	T	C249 1,2-Dichloroben	1.303	1.218	1.215	1.132	1.068	1.187	7.56	
80)	T	C310 n-Butylbenzene	2.509	2.414	2.304	2.191	1.994	2.282	8.79	
81)	T	C286 1,2-Dibromo-3-C	0.094	0.110	0.119	0.127	0.127	0.115	12.05	
82)	T	C313 1,2,4-Trichloro	0.994	0.945	0.931	0.876	0.832	0.915	6.87	
83)	T	C316 Hexachlorobutad	0.522	0.456	0.445	0.412	0.400	0.447	10.65	
84)	T	C314 Naphthalene	2.428	2.305	2.402	2.276	2.103	2.303	5.59	
85)	T	C934 1,2,3-Trichloro	0.931	0.882	0.903	0.838	0.784	0.868	6.65	

Total Average %RSD 6.26□□

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

Date: 06/25/2008
Time: 14:40:05

ICC Profile

Page: 1
Rept: AN0287R

ICC Profile Code: A00168 8260/5ML (30% RSD CCC/15% OTHER/ CCV 20% CCC)
Fraction: MV

No of Points: 5 Default Min. RRF: 0.0000
CCC Conc: 250.00

QC Approver: TRB
QC Date: 04/10/2008

Comments:

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	
10	74-87-3	Chloromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
20	74-83-9	Bromomethane	25.0000	100.0000	250.0000	500.0000	1000.0000
30	75-01-4	Vinyl chloride	25.0000	100.0000	250.0000	500.0000	1000.0000
35	74-97-5	Bromochloromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
40	75-00-3	Chloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
50	75-09-2	Methylene chloride	25.0000	100.0000	250.0000	500.0000	1000.0000
55	637-92-3	Ethyl-t-butyl ether (ETBE)	25.0000	100.0000	250.0000	500.0000	1000.0000
56	994-05-8	tert-Amyl Methyl Ether (TAME)	25.0000	100.0000	250.0000	500.0000	1000.0000
60	67-64-1	Acetone	125.0000	500.0000	1250.0000	2500.0000	5000.0000
70	75-15-0	Carbon Disulfide	25.0000	100.0000	250.0000	500.0000	1000.0000
80	75-35-4	1,1-Dichloroethene	25.0000	100.0000	250.0000	500.0000	1000.0000
90	75-34-3	1,1-Dichloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
97	544-10-5	1-Chlorohexane	25.0000	100.0000	250.0000	500.0000	1000.0000
98	156-59-2	cis-1,2-Dichloroethene	25.0000	100.0000	250.0000	500.0000	1000.0000
99	156-60-5	trans-1,2-Dichloroethene	25.0000	100.0000	250.0000	500.0000	1000.0000
100	545-06-2	Trichloroacetone	25.0000	0.0000	0.0000	0.0000	0.0000
101	540-59-0	1,2-Dichloroethene (Total)	50.0000	200.0000	500.0000	1000.0000	2000.0000
102	77-73-6	Dicyclopentadiene	25.0000	100.0000	250.0000	500.0000	1000.0000
103	526-73-8	1,2,3-Trimethylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
105	106-99-0	1,3-Butadiene	25.0000	100.0000	250.0000	500.0000	1000.0000
108	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
110	67-66-3	Chloroform	25.0000	100.0000	250.0000	500.0000	1000.0000
115	67-63-0	2-Propanol	500.0000	2000.0000	5000.0000	10000.0000	20000.0000
120	107-06-2	1,2-Dichloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
130	78-93-3	2-Butanone	125.0000	500.0000	1250.0000	2500.0000	5000.0000
140	71-55-6	1,1,1-Trichloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
150	56-23-5	Carbon Tetrachloride	25.0000	100.0000	250.0000	500.0000	1000.0000
151	628-63-7	n-Amyl Acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
152	110-43-0	Methyl amyl ketone (2-Heptanon)	25.0000	100.0000	250.0000	500.0000	1000.0000
160	108-05-4	Vinyl acetate	125.0000	500.0000	1250.0000	2500.0000	5000.0000
170	75-27-4	Bromodichloromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
180	78-87-5	1,2-Dichloropropane	25.0000	100.0000	250.0000	500.0000	1000.0000
190	10061-01-5	cis-1,3-Dichloropropene	25.0000	100.0000	250.0000	500.0000	1000.0000
200	79-01-6	Trichloroethene	25.0000	100.0000	250.0000	500.0000	1000.0000
210	124-48-1	Dibromochloromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
220	79-00-5	1,1,2-Trichloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
230	71-43-2	Benzene	25.0000	100.0000	250.0000	500.0000	1000.0000
240	10061-02-6	trans-1,3-Dichloropropene	25.0000	100.0000	250.0000	500.0000	1000.0000
250	75-25-2	Bromoform	25.0000	100.0000	250.0000	500.0000	1000.0000
260	108-10-1	4-Methyl-2-pentanone	125.0000	500.0000	1250.0000	2500.0000	5000.0000
270	591-78-6	2-Hexanone	125.0000	500.0000	1250.0000	2500.0000	5000.0000
280	127-18-4	Tetrachloroethene	25.0000	100.0000	250.0000	500.0000	1000.0000
290	79-34-5	1,1,2,2-Tetrachloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
300	108-88-3	Toluene	25.0000	100.0000	250.0000	500.0000	1000.0000
310	108-90-7	Chlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
320	100-41-4	Ethylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
330	100-42-5	Styrene	25.0000	100.0000	250.0000	500.0000	1000.0000

Date: 06/25/2008
Time: 14:40:05

ICC Profile

Page: 2
Rept: AN0287R

ICC Profile Code: A00168 8260/5ML (30% RSD CCC/15% OTHER/ CCV 20% CCC) (continued)

Seq	Parameter	ng On Column				
		Point 1	Point 2	Point 3	Point 4	Point 5
340	1330-20-7 Total Xylenes	75.0000	300.0000	750.0000	1500.0000	3000.0000
350	2037-26-5 Toluene-D8	25.0000	100.0000	250.0000	500.0000	1000.0000
360	460-00-4 p-Bromofluorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
380	630-20-6 1,1,1,2-Tetrachloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
390	76-13-1 1,1,2-Trichloro-1,2,2-trifluor	25.0000	100.0000	250.0000	500.0000	1000.0000
400	563-58-6 1,1-Dichloropropene	25.0000	100.0000	250.0000	500.0000	1000.0000
410	534-15-6 1,1-Dimethoxyethane	125.0000	500.0000	1250.0000	2500.0000	5000.0000
420	87-61-6 1,2,3-Trichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
430	96-18-4 1,2,3-Trichloropropane	25.0000	100.0000	250.0000	500.0000	1000.0000
440	120-82-1 1,2,4-Trichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
450	95-63-6 1,2,4-Trimethylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
460	12/140CLB 1,2-& 1,4-Dichlorobenzene	25.0000	0.0000	0.0000	0.0000	0.0000
470	96-12-8 1,2-Dibromo-3-chloropropane	25.0000	100.0000	250.0000	500.0000	1000.0000
480	106-93-4 1,2-Dibromoethane	25.0000	100.0000	250.0000	500.0000	1000.0000
490	95-50-1 1,2-Dichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
500	108-67-8 1,3,5-Trimethylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
510	541-73-1 1,3-Dichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
520	142-28-9 1,3-Dichloropropane	25.0000	100.0000	250.0000	500.0000	1000.0000
530	106-46-7 1,4-Dichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
540	110-56-5 1,4-Dichlorobutane	25.0000	100.0000	250.0000	500.0000	1000.0000
550	123-91-1 1,4-Dioxane	1000.0000	4000.0000	10000.0000	20000.0000	40000.0000
560	540-36-3 1,4-Difluorobenzene	250.0000	250.0000	250.0000	250.0000	250.0000
570	594-20-7 2,2-Dichloropropane	25.0000	100.0000	250.0000	500.0000	1000.0000
580	110-75-8 2-Chloroethylvinyl ether	125.0000	500.0000	1250.0000	2500.0000	5000.0000
590	95-49-8 o-Chlorotoluene	25.0000	100.0000	250.0000	500.0000	1000.0000
600	591-76-4 2-Methyl hexane	25.0000	100.0000	250.0000	500.0000	1000.0000
610	497-26-7 2-Methyl-1,3-Dioxolane	25.0000	100.0000	250.0000	500.0000	1000.0000
620	78-83-1 Isobutanol	1000.0000	4000.0000	10000.0000	20000.0000	40000.0000
630	534-22-5 2-Methylfuran	25.0000	100.0000	250.0000	500.0000	1000.0000
640	88-16-4 o-Monochlorobenzotrifluoride	25.0000	100.0000	250.0000	500.0000	1000.0000
650	79-46-9 2-Nitropropane	125.0000	500.0000	1250.0000	2500.0000	5000.0000
660	109-06-8 2-Picoline	25.0000	0.0000	0.0000	0.0000	0.0000
670	107-05-1 3-Chloropropene (Allyl Chlor.)	25.0000	100.0000	250.0000	500.0000	1000.0000
680	589-34-4 3-Methyl hexane	25.0000	100.0000	250.0000	500.0000	1000.0000
690	96-14-0 3-Methyl pentane	25.0000	100.0000	250.0000	500.0000	1000.0000
700	98-15-7 m-Monochlorobenzotrifluoride	25.0000	100.0000	250.0000	500.0000	1000.0000
710	99-87-6 p-Cymene	25.0000	100.0000	250.0000	500.0000	1000.0000
720	98-56-6 p-Monochlorobenzotrifluoride	25.0000	100.0000	250.0000	500.0000	1000.0000
730	75-05-8 Acetonitrile	1000.0000	4000.0000	10000.0000	20000.0000	40000.0000
740	107-02-8 Acrolein	500.0000	2000.0000	5000.0000	10000.0000	20000.0000
750	107-13-1 Acrylonitrile	125.0000	500.0000	1250.0000	2500.0000	5000.0000
770	108-86-1 Bromobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
790	71-36-3 n-Butyl alcohol	1000.0000	4000.0000	10000.0000	20000.0000	40000.0000
800	3114-55-4 Chlorobenzene-D5	250.0000	250.0000	250.0000	250.0000	250.0000
810	126-99-8 2-Chloro-1,3-butadiene	25.0000	100.0000	250.0000	500.0000	1000.0000
820	80-15-9 Cumene Hydroperoxide	25.0000	100.0000	250.0000	500.0000	1000.0000
830	110-82-7 Cyclohexane	25.0000	100.0000	250.0000	500.0000	1000.0000
840	108-94-1 Cyclohexanone	250.0000	1000.0000	2500.0000	5000.0000	10000.0000
850	74-95-3 Dibromomethane	25.0000	100.0000	250.0000	500.0000	1000.0000
860	75-71-8 Dichlorodifluoromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
870	75-43-4 Dichlorofluoromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
880	106-89-8 Epichlorohydrin	125.0000	500.0000	1250.0000	2500.0000	5000.0000

Date: 06/25/2008
Time: 14:40:05

ICC Profile

Page: 3
Rept: AN0287R

ICC Profile Code: A00168 8260/5ML (30% RSD CCC/15% OTHER/ CCV 20% CCC) (continued)

Seg	Parameter	ng On Column				
		Point 1	Point 2	Point 3	Point 4	Point 5
890 64-17-5	Ethanol	25.0000	100.0000	250.0000	500.0000	1000.0000
900 141-78-6	Ethyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
901 126-98-7	Methacrylonitrile	25.0000	100.0000	250.0000	500.0000	1000.0000
902 79-20-9	Methyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
903 96-37-7	Methyl cyclopentane	25.0000	100.0000	250.0000	500.0000	1000.0000
904 74-88-4	Iodomethane	25.0000	100.0000	250.0000	500.0000	1000.0000
905 80-62-6	Methyl methacrylate	25.0000	100.0000	250.0000	500.0000	1000.0000
906 91-20-3	Naphthalene	25.0000	100.0000	250.0000	500.0000	1000.0000
907 95-47-6	o-Xylene	25.0000	100.0000	250.0000	500.0000	1000.0000
908 76-01-7	Pentachloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
909 107-12-0	Propionitrile	250.0000	1000.0000	2500.0000	5000.0000	10000.0000
910 140-88-5	Ethyl acrylate	25.0000	100.0000	250.0000	500.0000	1000.0000
911 75-56-9	Propylene Oxide	125.0000	500.0000	1250.0000	2500.0000	5000.0000
912 110-86-1	Pyridine	25.0000	0.0000	0.0000	0.0000	0.0000
913 109-99-9	Tetrahydrofuran	125.0000	500.0000	1250.0000	2500.0000	5000.0000
914 110-01-0	Tetrahydrothiophene	25.0000	100.0000	250.0000	500.0000	1000.0000
915 75-69-4	Trichlorofluoromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
917 108-41-8	m-Chlorotoluene	25.0000	100.0000	250.0000	500.0000	1000.0000
918 123-86-4	n-Butyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
919 104-51-8	n-Butylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
920 60-29-7	Ethyl ether	25.0000	100.0000	250.0000	500.0000	1000.0000
921 142-82-5	Heptane	25.0000	100.0000	250.0000	500.0000	1000.0000
922 110-54-3	Hexane	25.0000	100.0000	250.0000	500.0000	1000.0000
923 109-60-4	n-Propyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
924 103-65-1	n-Propylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
925 O,M CLTOL	o,m-Chlorotoluene	25.0000	0.0000	0.0000	0.0000	0.0000
926 106-43-4	p-Chlorotoluene	25.0000	100.0000	250.0000	500.0000	1000.0000
927 135-98-8	sec-Butylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
928 75-65-0	tert-Butyl Alcohol (TBA)	500.0000	2000.0000	5000.0000	10000.0000	20000.0000
929 1634-04-4	Methyl-t-Butyl Ether (MTBE)	25.0000	100.0000	250.0000	500.0000	1000.0000
930 97-63-2	Ethyl methacrylate	25.0000	100.0000	250.0000	500.0000	1000.0000
931 98-06-6	tert-Butylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
933 110-57-6	trans-1,4-Dichloro-2-butene	125.0000	500.0000	1250.0000	2500.0000	5000.0000
934 108-38-3	m-Xylene	25.0000	100.0000	250.0000	500.0000	1000.0000
935 106-42-3	p-Xylene	25.0000	100.0000	250.0000	500.0000	1000.0000
940 87-68-3	Hexachlorobutadiene	25.0000	100.0000	250.0000	500.0000	1000.0000
950 110-19-0	Isobutyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
960 108-20-3	Isopropyl Ether (DIPE)	25.0000	100.0000	250.0000	500.0000	1000.0000
970 108-21-4	Isopropyl acetate	25.0000	100.0000	250.0000	500.0000	1000.0000
980 98-82-8	Isopropylbenzene	25.0000	100.0000	250.0000	500.0000	1000.0000
985 67-72-1	Hexachloroethane	25.0000	100.0000	250.0000	500.0000	1000.0000
990 M/P XYLENE	m/p-Xylenes	50.0000	200.0000	500.0000	1000.0000	2000.0000
991 108-87-2	Methylcyclohexane	25.0000	100.0000	250.0000	500.0000	1000.0000
994 75-45-6	Chlorodifluoromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
995 542-88-1	Bis(Chloromethyl) Ether (TIC)	25.0000	100.0000	250.0000	500.0000	1000.0000
996 363-72-4	Pentafluorobenzene	250.0000	250.0000	250.0000	250.0000	250.0000
997 SU106-46-7	1,4-Dichlorobenzene-D4	250.0000	250.0000	250.0000	250.0000	250.0000
998 SURRDFM	Dibromofluoromethane	25.0000	100.0000	250.0000	500.0000	1000.0000
999 SU107-06-2	1,2-Dichloroethane-D4	25.0000	100.0000	250.0000	500.0000	1000.0000
***		25.0000	100.0000	250.0000	500.0000	1000.0000
*** 108-70-3	1,3,5-Trichlorobenzene	25.0000	100.0000	250.0000	500.0000	1000.0000

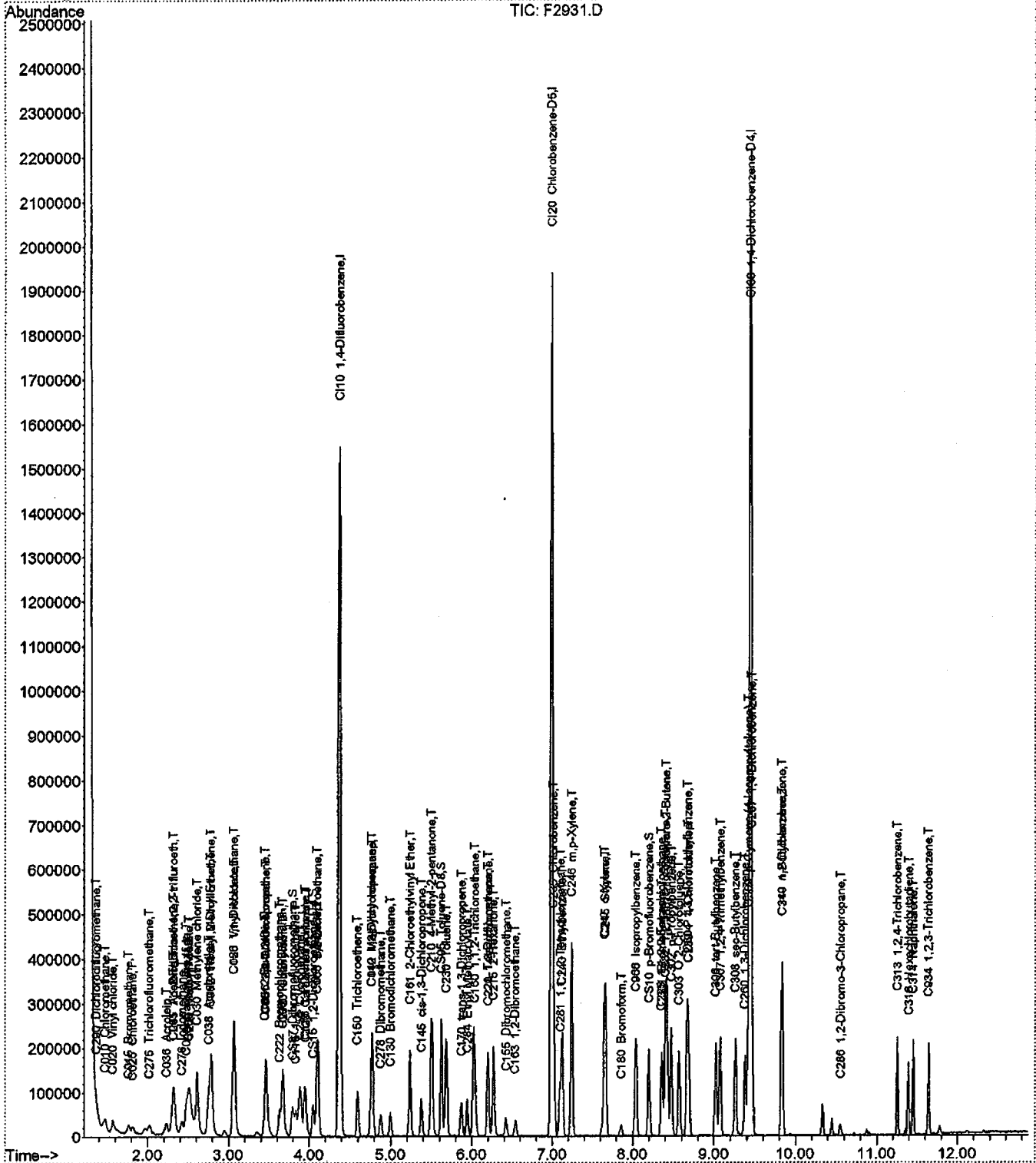
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\062508\F2931.D
Acq On : 25 Jun 2008 2:39
Sample : VSTD005
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 25 8:21 2008

Vial: 38
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Jun 25 08:27:34 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2931.D
 Acq On : 25 Jun 2008 2:39
 Sample : VSTD005
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:21:44 2008

Vial: 38
 Operator: JLG
 Inst : HP5973P
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:21:34 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

IS QA File : H:\GCMS_VOA\F\062508\F2933.D (25 Jun 2008 3:30)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1321506	250.00	ng	0.00 98.10%
43) CI20 Chlorobenzene-D5	6.99	82	642758	250.00	ng	0.00 97.27%
63) CI30 1,4-Dichlorobenzene-	9.44	152	577736	250.00	ng	0.00 96.61%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	43257	27.58	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	11.03%#
32) CS15 1,2-Dichloroethane-D	4.05	65	53406	28.65	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	11.46%#
44) CS05 Toluene-D8	5.62	98	187302	28.83	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	11.53%#
62) CS10 p-Bromofluorobenzene	8.20	174	56925	29.73	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	11.89%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	1.38	85	24604	26.26	ng	90
3) C010 Chloromethane	1.47	50	47076	26.98	ng	98
4) C020 Vinyl chloride	1.57	62	37367	26.89	ng	95
5) C015 Bromomethane	1.77	94	16744	26.10	ng	100
6) C025 Chloroethane	1.81	64	16720	26.77	ng	88
7) C275 Trichlorofluorometha	2.02	101	36703	27.93	ng	86
8) C291 1,1,2-Trichloro-1,2,	2.33	101	25901	27.36	ng	92
9) C045 1,1-Dichloroethene	2.31	96	24327	26.55	ng	87
10) C030 Methylene chloride	2.61	84	72250	37.88	ng	85
11) C040 Carbon disulfide	2.47	76	105751	27.07	ng	98
12) C036 Acrolein	2.23	56	34778	506.75	ng	96
13) C038 Acrylonitrile	2.75	53	79734	125.01	ng	98
14) C035 Acetone	2.32	43	54487	136.80	ng	91
15) C300 Acetonitrile	2.50	41	222635	1029.09	ng	100
16) C276 Iodomethane	2.42	142	49100	26.77	ng	96
17) C255 Methyl Acetate	2.52	43	52464	25.95	ng	91
18) C962 T-butyl Methyl Ether	2.78	73	106038	25.26	ng	85
19) C057 trans-1,2-Dichloroet	2.79	96	40965	28.09	ng	88
20) C050 1,1-Dichloroethane	3.06	63	71728	27.85	ng	98
21) C125 Vinyl Acetate	3.07	43	372626	131.21	ng	96
22) C051 2,2-Dichloropropane	3.47	77	45960	26.39	ng	81
23) C056 cis-1,2-Dichloroethe	3.46	96	44157	27.72	ng	95
24) C272 Tetrahydrofuran	3.66	42	66098	122.59	ng	90
25) C222 Bromochloromethane	3.63	128	18292	25.46	ng	# 76
26) C060 Chloroform	3.68	83	60672	26.96	ng	96
28) C256 Cyclohexane	3.89	56	78106	27.56	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	46787	26.25	ng	96
30) C120 Carbon tetrachloride	3.96	117	32860	24.76	ng	97
31) C116 1,1-Dichloropropene	3.94	75	47904	27.13	ng	89

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2931.D
 Acq On : 25 Jun 2008 2:39
 Sample : VSTD005
 Misc :

Vial: 38
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:21:44 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:21:34 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	158005	27.62	ng	98
34) C065 1,2-Dichloroethane	4.11	62	48812	26.96	ng	86
35) C110 2-Butanone	3.45	43	98662	125.93	ng	90
36) C150 Trichloroethene	4.59	95	37615	27.62	ng	93
37) C161 2-Chloroethylvinyl E	5.23	63	89367	128.44	ng	# 76
38) C012 Methylcyclohexane	4.77	83	68977	27.28	ng	83
39) C140 1,2-Dichloropropane	4.78	63	42391	26.94	ng	100
40) C278 Dibromomethane	4.88	93	19872	24.44	ng	87
41) C130 Bromodichloromethane	5.00	83	36837	23.54	ng	96
42) C145 cis-1,3-Dichloroprop	5.38	75	53874	24.65	ng	89
45) C230 Toluene	5.68	92	101956	28.46	ng	90
46) C170 trans-1,3-Dichloropr	5.87	75	44101	23.24	ng	95
47) C284 Ethyl Methacrylate	5.95	69	44409	22.67	ng	86
48) C160 1,1,2-Trichloroethan	6.04	83	25599	24.94	ng	98
49) C210 4-Methyl-2-pentanone	5.50	43	203351	127.78	ng	95
50) C220 Tetrachloroethene	6.19	166	36424	27.25	ng	92
51) C221 1,3-Dichloropropane	6.21	76	55856	25.94	ng	94
52) C155 Dibromochloromethane	6.43	129	23521	21.56	ng	83
53) C163 1,2-Dibromoethane	6.54	107	29514	24.87	ng	94
54) C215 2-Hexanone	6.27	43	144725	127.11	ng	91
55) C235 Chlorobenzene	7.02	112	99772	26.97	ng	94
56) C281 1,1,1,2-Tetrachloroe	7.10	131	27103	23.73	ng	99
57) C240 Ethylbenzene	7.13	91	173830	27.33	ng	99
58) C246 m,p-Xylene	7.24	106	135576	56.60	ng	93
59) C247 o-Xylene	7.65	106	64602	26.95	ng	# 76
60) C245 Styrene	7.67	104	98857	25.41	ng	96
61) C180 Bromoform	7.86	173	12829	19.09	ng	81
64) C966 Isopropylbenzene	8.04	105	154187	26.74	ng	92
65) C301 Bromobenzene	8.37	156	38994	26.66	ng	99
66) C225 1,1,2,2-Tetrachloroe	8.35	83	40544	24.98	ng	98
67) C282 1,2,3-Trichloropropa	8.40	110	12618	27.83	ng	100
68) C283 t-1,4-Dichloro-2-But	8.41	53	56424	117.72	ng	# 76
69) C302 n-Propylbenzene	8.48	91	205452	27.54	ng	98
70) C303 O 2-Chlorotoluene	8.57	126	39316	26.44	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	41556	27.39	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	129411	26.56	ng	84
73) C306 tert-Butylbenzene	9.02	134	29279	26.96	ng	95
74) C307 1,2,4-Trimethylbenze	9.08	105	135580	26.88	ng	97
75) C308 sec-Butylbenzene	9.26	105	164143	27.05	ng	95
76) C260 1,3-Dichlorobenzene	9.38	146	76617	26.93	ng	96
77) C309 p-Cymene (4-Isopropy	9.41	119	142253	26.47	ng	94
78) C267 1,4-Dichlorobenzene	9.47	146	77880	26.92	ng	97
79) C249 1,2-Dichlorobenzene	9.84	146	75269	27.43	ng	94
80) C310 n-Butylbenzene	9.83	91	144957	27.48	ng	98
81) C286 1,2-Dibromo-3-Chloro	10.55	75	5415	20.30	ng	84
82) C313 1,2,4-Trichlorobenze	11.26	180	57399	27.13	ng	95
83) C316 Hexachlorobutadiene	11.40	225	30138	29.18	ng	97
84) C314 Naphthalene	11.45	128	140289	26.36	ng	90
85) C934 1,2,3-Trichlorobenze	11.64	180	53798	26.83	ng	97

(#) = qualifier out of range (m) = manual integration

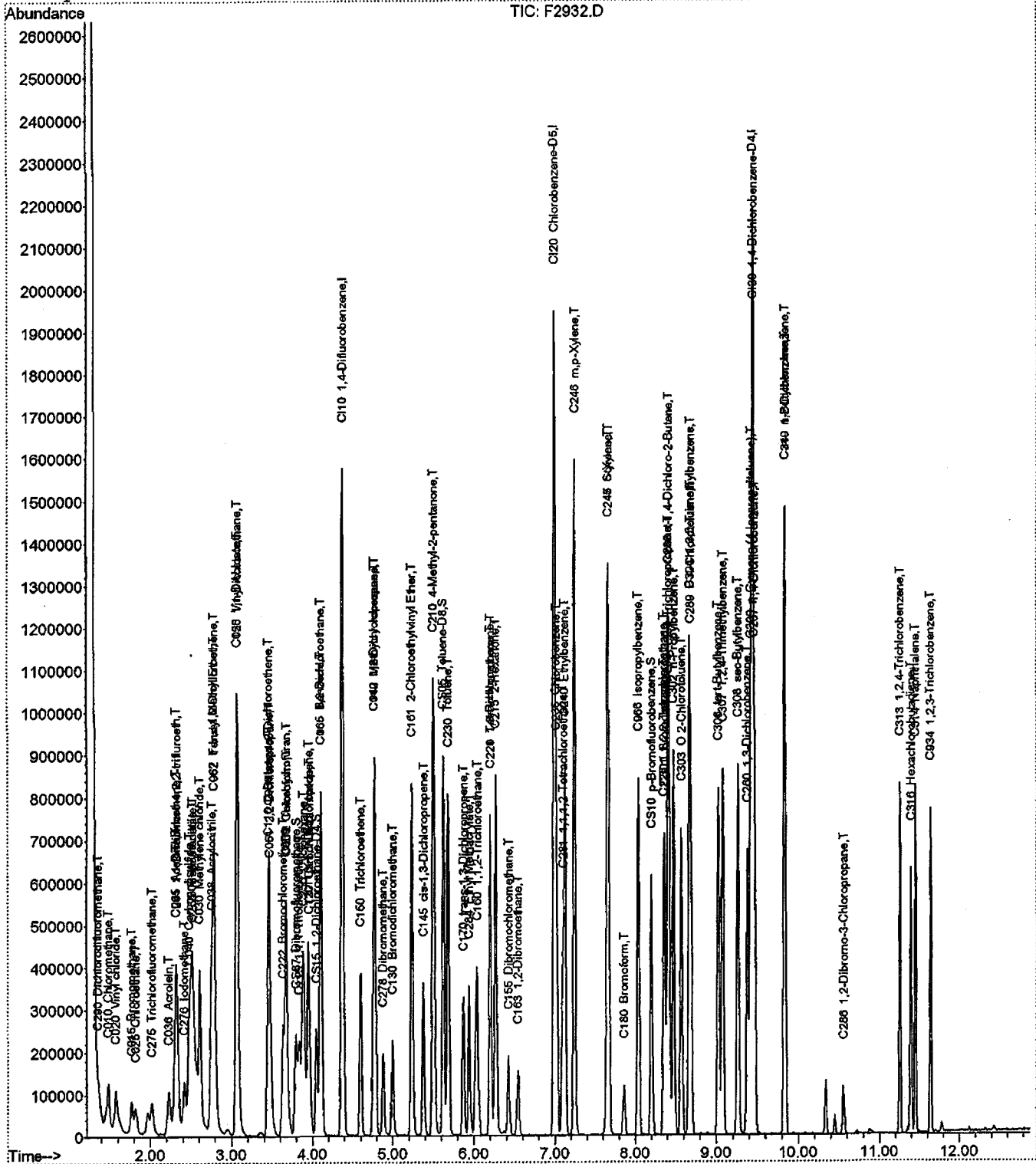
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\062508\F2932.D
Acq On : 25 Jun 2008 3:05
Sample : VSTD020
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 25 8:24 2008

Vial: 39
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I0000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I0000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Jun 25 08:27:34 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2932.D
 Acq On : 25 Jun 2008 3:05
 Sample : VSTD020
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:23:56 2008

Vial: 39
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:23:50 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\062508\F2933.D (25 Jun 2008 3:30)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1337216	250.00	ng	0.00	99.26%
43) CI20 Chlorobenzene-D5	6.99	82	647857	250.00	ng	0.00	98.04%
63) CI30 1,4-Dichlorobenzene-	9.44	152	583014	250.00	ng	0.00	97.49%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	154223	97.18	ng	0.00	
Spiked Amount	250.000	Range	70 - 130	Recovery	=	38.87%#	
32) CS15 1,2-Dichloroethane-D	4.05	65	186054	98.63	ng	0.00	
Spiked Amount	250.000	Range	64 - 126	Recovery	=	39.45%#	
44) CS05 Toluene-D8	5.62	98	642764	98.14	ng	0.00	
Spiked Amount	250.000	Range	71 - 125	Recovery	=	39.26%#	
62) CS10 p-Bromofluorobenzene	8.20	174	187693	97.27	ng	0.00	
Spiked Amount	250.000	Range	72 - 126	Recovery	=	38.91%#	

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	1.36	85	92559	97.62	ng	97
3) C010 Chloromethane	1.49	50	180195	102.07	ng	99
4) C020 Vinyl chloride	1.58	62	144867	103.03	ng	90
5) C015 Bromomethane	1.77	94	63677	98.10	ng	87
6) C025 Chloroethane	1.81	64	62689	99.20	ng	96
7) C275 Trichlorofluorometha	2.02	101	135434m	101.86	ng	95
8) C291 1,1,2-Trichloro-1,2,	2.33	101	98727	103.08	ng	94
9) C045 1,1-Dichloroethene	2.31	96	95609	103.12	ng	85
10) C030 Methylene chloride	2.61	84	185682	96.21	ng	86
11) C040 Carbon disulfide	2.47	76	397223	100.50	ng	97
12) C036 Acrolein	2.23	56	135024	1944.31	ng	98
13) C038 Acrylonitrile	2.75	53	324620	502.97	ng	99
14) C035 Acetone	2.32	43	202873	503.36	ng	100
15) C300 Acetonitrile	2.51	41	879986	4019.77	ng	100
16) C276 Iodomethane	2.42	142	189971	102.37	ng	99
17) C255 Methyl Acetate	2.53	43	211784	103.53	ng	92
18) C962 T-butyl Methyl Ether	2.78	73	437147	102.92	ng	86
19) C057 trans-1,2-Dichloroet	2.79	96	150982	102.33	ng	89
20) C050 1,1-Dichloroethane	3.06	63	266239	102.15	ng	93
21) C125 Vinyl Acetate	3.07	43	1499953	521.95	ng	97
22) C051 2,2-Dichloropropane	3.48	77	179267	101.71	ng	89
23) C056 cis-1,2-Dichloroethe	3.46	96	161406	100.14	ng	96
24) C272 Tetrahydrofuran	3.67	42	273656	501.56	ng	96
25) C222 Bromochloromethane	3.63	128	71459	98.29	ng	# 75
26) C060 Chloroform	3.68	83	231275	101.55	ng	100
28) C256 Cyclohexane	3.89	56	296839	103.52	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	178261	98.86	ng	96
30) C120 Carbon tetrachloride	3.96	117	131215	97.71	ng	88
31) C116 1,1-Dichloropropene	3.94	75	183213	102.53	ng	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2932.D
 Acq On : 25 Jun 2008 3:05
 Sample : VSTD020
 Misc :

Vial: 39
 Operator: JLG
 Inst : HP5973P
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:23:56 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:23:50 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	595865	102.94	ng	99
34) C065 1,2-Dichloroethane	4.11	62	182497	99.60	ng	85
35) C110 2-Butanone	3.44	43	399902	504.43	ng	90
36) C150 Trichloroethene	4.60	95	137218	99.58	ng	98
37) C161 2-Chloroethylvinyl E	5.23	63	379677	539.28	ng	# 76
38) C012 Methylcyclohexane	4.77	83	270102	105.57	ng	80
39) C140 1,2-Dichloropropane	4.78	63	160279	100.66	ng	100
40) C278 Dibromomethane	4.87	93	82243	99.96	ng	89
41) C130 Bromodichloromethane	5.00	83	155465	98.20	ng	98
42) C145 cis-1,3-Dichloroprop	5.38	75	218450	98.79	ng	99
45) C230 Toluene	5.68	92	365033	101.11	ng	90
46) C170 trans-1,3-Dichloropr	5.87	75	185223	96.83	ng	97
47) C284 Ethyl Methacrylate	5.94	69	193295	97.92	ng	89
48) C160 1,1,2-Trichloroethan	6.04	83	101386	98.00	ng	94
49) C210 4-Methyl-2-pentanone	5.50	43	819088	510.64	ng	91
50) C220 Tetrachloroethene	6.20	166	138341	102.67	ng	95
51) C221 1,3-Dichloropropane	6.20	76	216338	99.67	ng	97
52) C155 Dibromochloromethane	6.43	129	102391	93.10	ng	76
53) C163 1,2-Dibromoethane	6.54	107	116993	97.82	ng	97
54) C215 2-Hexanone	6.27	43	575224	501.22	ng	89
55) C235 Chlorobenzene	7.02	112	377309	101.19	ng	97
56) C281 1,1,1,2-Tetrachloroe	7.10	131	111122	96.54	ng	95
57) C240 Ethylbenzene	7.13	91	667188	104.06	ng	97
58) C246 m,p-Xylene	7.25	106	495276	205.16	ng	96
59) C247 o-Xylene	7.65	106	249983	103.47	ng	# 81
60) C245 Styrene	7.67	104	405472	103.39	ng	100
61) C180 Bromoform	7.86	173	60380	89.13	ng	86
64) C966 Isopropylbenzene	8.04	105	599525	103.05	ng	94
65) C301 Bromobenzene	8.36	156	147798	100.14	ng	94
66) C225 1,1,2,2-Tetrachloroe	8.35	83	162917	99.45	ng	93
67) C282 1,2,3-Trichloropropa	8.40	110	45208	98.81	ng	100
68) C283 t-1,4-Dichloro-2-But	8.42	53	243209	502.83	ng	79
69) C302 n-Propylbenzene	8.48	91	783218	104.05	ng	97
70) C303 O 2-Chlorotoluene	8.57	126	150565	100.33	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	153830	100.48	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	508974	103.53	ng	84
73) C306 tert-Butylbenzene	9.02	134	109473	99.90	ng	# 83
74) C307 1,2,4-Trimethylbenze	9.08	105	518175	101.80	ng	93
75) C308 sec-Butylbenzene	9.26	105	635059	103.72	ng	93
76) C260 1,3-Dichlorobenzene	9.38	146	293627	102.28	ng	95
77) C309 p-Cymene (4-Isopropy	9.41	119	557557	102.82	ng	97
78) C267 1,4-Dichlorobenzene	9.47	146	294991	101.06	ng	94
79) C249 1,2-Dichlorobenzene	9.84	146	284083	102.59	ng	97
80) C310 n-Butylbenzene	9.83	91	562983	105.78	ng	99
81) C286 1,2-Dibromo-3-Chloro	10.55	75	25769	95.72	ng	76
82) C313 1,2,4-Trichlorobenze	11.26	180	220363	103.23	ng	99
83) C316 Hexachlorobutadiene	11.40	225	106409	102.08	ng	99
84) C314 Naphthalene	11.45	128	537447	100.08	ng	96
85) C934 1,2,3-Trichlorobenze	11.64	180	205646	101.64	ng	99

(#) = qualifier out of range (m) = manual integration

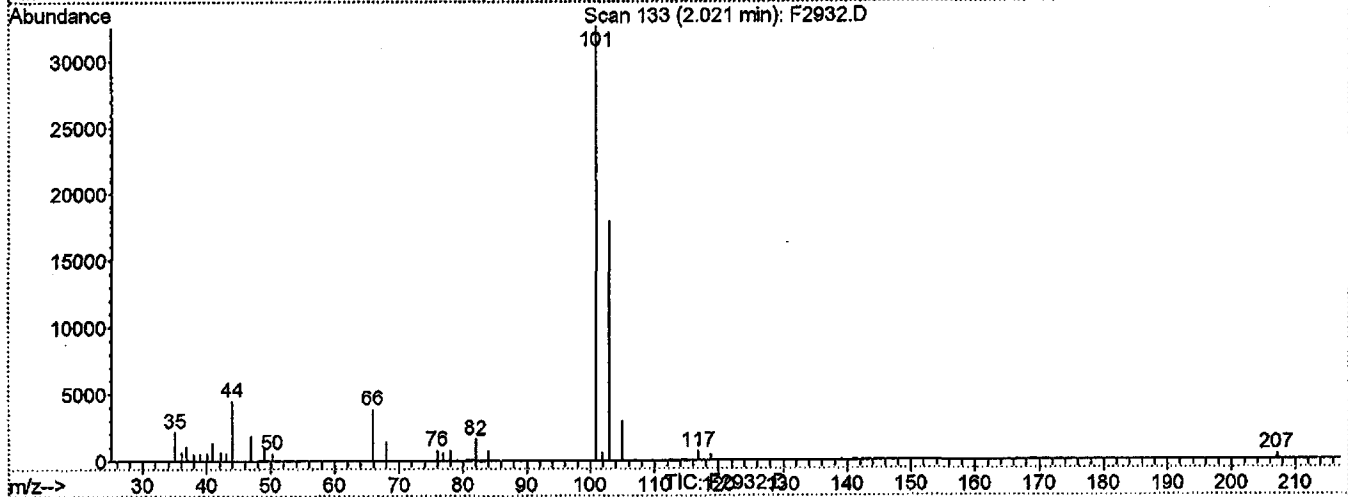
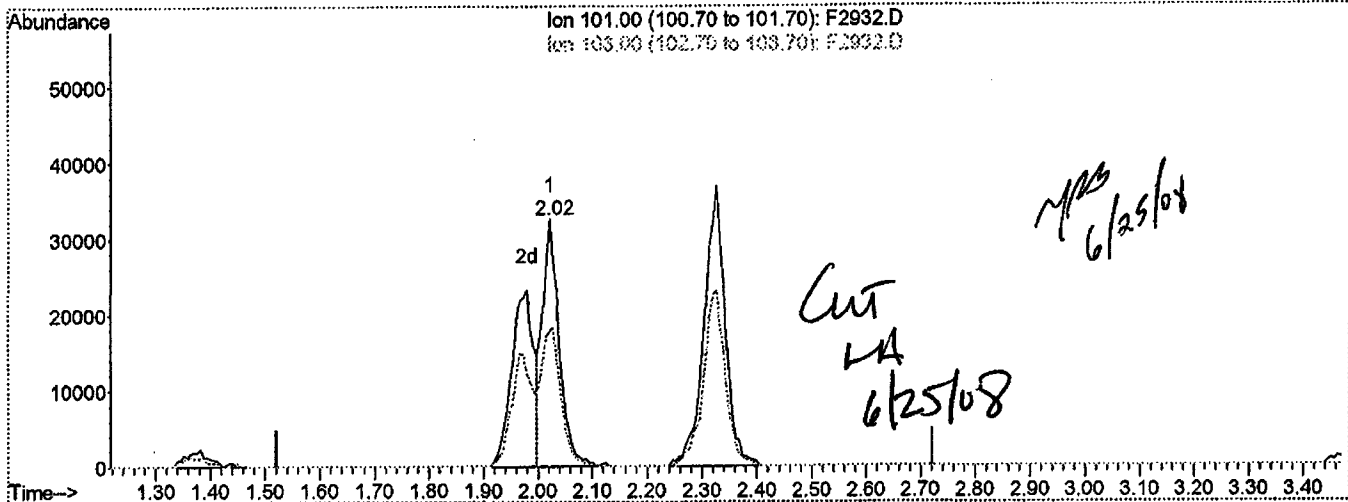
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2932.D
 Acq On : 25 Jun 2008 3:05
 Sample : VSTD020
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:23 2008

Vial: 39
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:23:50 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 53.17ng

response 70691

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	54.96
0.00	0.00	0.00
0.00	0.00	0.00

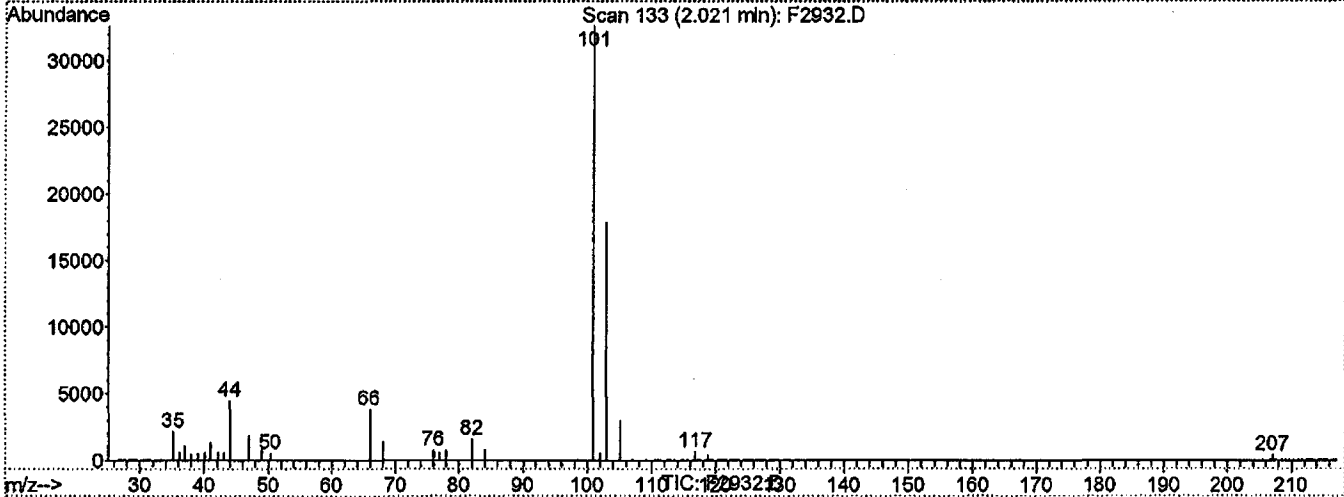
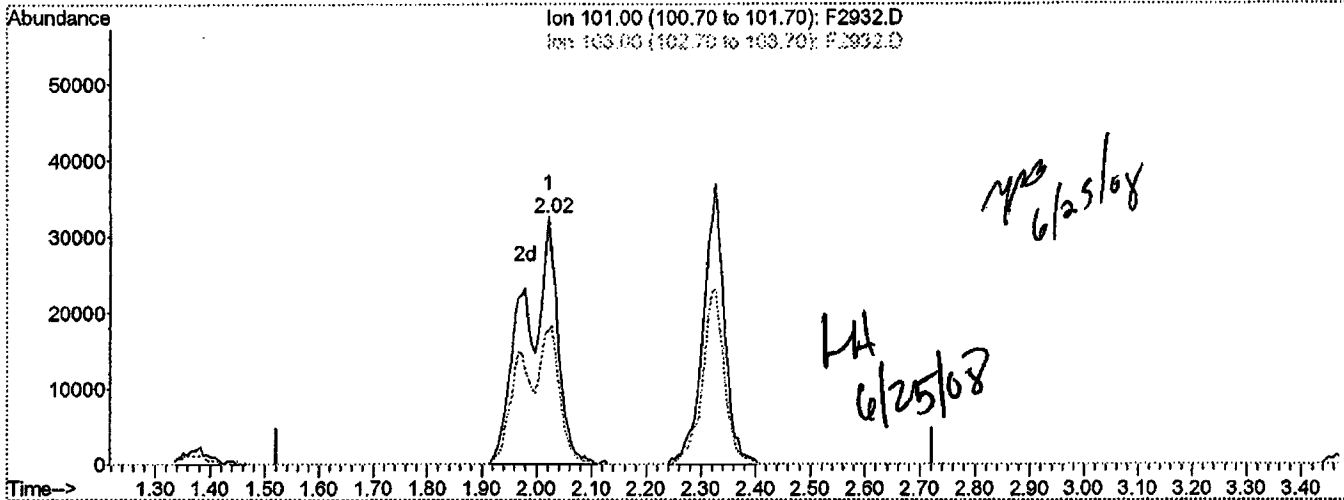
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2932.D
 Acq On : 25 Jun 2008 3:05
 Sample : VSTD020
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:24 2008

Vial: 39
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:23:50 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 101.86ng m

response 135434

ion	Exp%	Act%
101.00	100	100
103.00	58.90	54.96
0.00	0.00	0.00
0.00	0.00	0.00

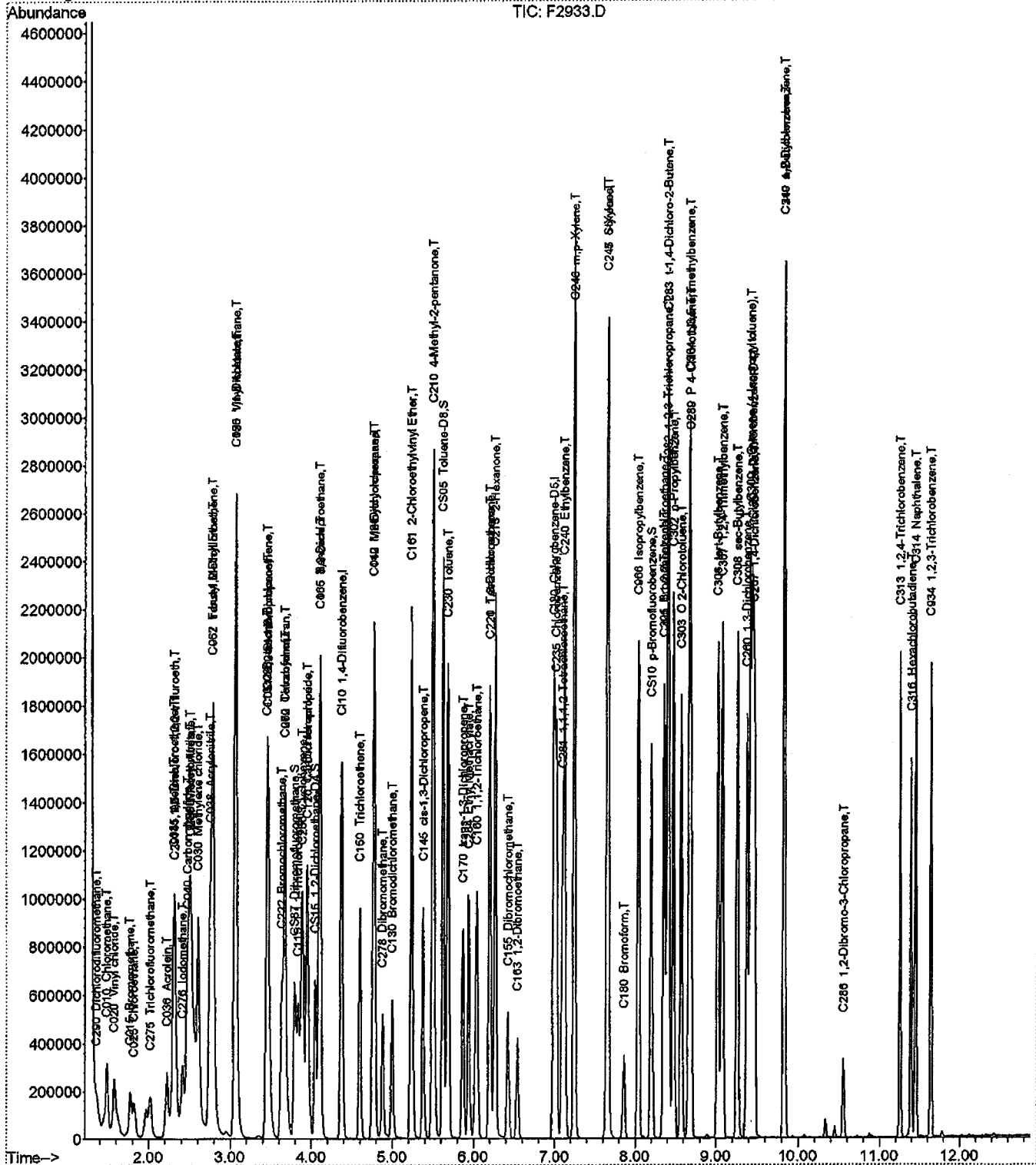
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\062508\F2933.D
Acq On : 25 Jun 2008 3:30
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 25 8:24 2008

Vial: 40
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Jun 25 08:27:34 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2933.D
 Acq On : 25 Jun 2008 3:30
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:24:47 2008

Vial: 40
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:24:39 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\062508\F2933.D (25 Jun 2008 3:30)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1347141	250.00	ng	0.00	100.00%
43) CI20 Chlorobenzene-D5	6.99	82	660797	250.00	ng	0.00	100.00%
63) CI30 1,4-Dichlorobenzene-	9.44	152	598013	250.00	ng	0.00	100.00%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	411653	257.47	ng	0.00	
Spiked Amount 250.000	Range 70	- 130	Recovery =	102.99%			
32) CS15 1,2-Dichloroethane-D	4.05	65	482242	253.76	ng	0.00	
Spiked Amount 250.000	Range 64	- 126	Recovery =	101.50%			
44) CS05 Toluene-D8	5.62	98	1745467	261.29	ng	0.00	
Spiked Amount 250.000	Range 71	- 125	Recovery =	104.52%			
62) CS10 p-Bromofluorobenzene	8.20	174	491954	249.95	ng	0.00	
Spiked Amount 250.000	Range 72	- 126	Recovery =	99.98%			

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	1.36	85	240156	251.43	ng	99
3) C010 Chloromethane	1.49	50	447113	251.40	ng	95
4) C020 Vinyl chloride	1.58	62	350828	247.66	ng	97
5) C015 Bromomethane	1.77	94	165954	253.77	ng	92
6) C025 Chloroethane	1.82	64	160094	251.46	ng	98
7) C275 Trichlorofluorometha	2.02	101	324639m	242.36	ng	91
8) C291 1,1,2-Trichloro-1,2,	2.33	101	242032	250.83	ng	93
9) C045 1,1-Dichloroethene	2.31	96	246017	263.39	ng	89
10) C030 Methylene chloride	2.61	84	436122	224.30	ng	89
11) C040 Carbon disulfide	2.47	76	1008435	253.25	ng	97
12) C036 Acrolein	2.23	56	369229	5277.63	ng	98
13) C038 Acrylonitrile	2.75	53	860292	1323.13	ng	99
14) C035 Acetone	2.32	43	528438	1301.47	ng	95
15) C300 Acetonitrile	2.50	41	2276378	10321.88	ng	100
16) C276 Iodomethane	2.42	142	467898	250.27	ng	100
17) C255 Methyl Acetate	2.52	43	536113	260.14	ng	94
18) C962 T-butyl Methyl Ether	2.78	73	1118175	261.31	ng	86
19) C057 trans-1,2-Dichloroet	2.79	96	368905	248.19	ng	89
20) C050 1,1-Dichloroethane	3.06	63	668228	254.49	ng	99
21) C125 Vinyl Acetate	3.07	43	3957132	1366.84	ng	96
22) C051 2,2-Dichloropropane	3.47	77	440683	248.20	ng	92
23) C056 cis-1,2-Dichloroethe	3.46	96	413536	254.67	ng	96
24) C272 Tetrahydrofuran	3.66	42	739603	1345.57	ng	98
25) C222 Bromochloromethane	3.63	128	191640	261.64	ng	# 81
26) C060 Chloroform	3.68	83	579609	252.63	ng	100
28) C256 Cyclohexane	3.89	56	713283	246.93	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	455870	250.95	ng	95
30) C120 Carbon tetrachloride	3.96	117	339952	251.28	ng	96
31) C116 1,1-Dichloropropene	3.94	75	449348	249.60	ng	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2933.D
 Acq On : 25 Jun 2008 3:30
 Sample : VSTD050
 Misc :

Vial: 40
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:24:47 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:24:39 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	1466069	251.37	ng	99
34) C065 1,2-Dichloroethane	4.11	62	469162	254.15	ng	86
35) C110 2-Butanone	3.44	43	1069060	1338.56	ng	93
36) C150 Trichloroethene	4.59	95	345215	248.68	ng	98
37) C161 2-Chloroethylvinyl E	5.23	63	1011858	1426.61	ng	# 77
38) C012 Methylcyclohexane	4.77	83	642032	249.09	ng	80
39) C140 1,2-Dichloropropane	4.78	63	412517	257.16	ng	100
40) C278 Dibromomethane	4.88	93	213343	257.40	ng	96
41) C130 Bromodichloromethane	5.00	83	410121	257.14	ng	99
42) C145 cis-1,3-Dichloroprop	5.38	75	577565	259.27	ng	96
45) C230 Toluene	5.68	92	906160	246.07	ng	92
46) C170 trans-1,3-Dichloropr	5.87	75	502871	257.69	ng	97
47) C284 Ethyl Methacrylate	5.94	69	540846	268.46	ng	88
48) C160 1,1,2-Trichloroethan	6.04	83	272150	257.90	ng	94
49) C210 4-Methyl-2-pentanone	5.50	43	2199808	1344.57	ng	93
50) C220 Tetrachloroethene	6.19	166	341198	248.26	ng	95
51) C221 1,3-Dichloropropane	6.21	76	574897	259.67	ng	95
52) C155 Dibromochloromethane	6.43	129	289959	258.48	ng	79
53) C163 1,2-Dibromoethane	6.54	107	314876	258.13	ng	93
54) C215 2-Hexanone	6.27	43	1575940	1346.31	ng	90
55) C235 Chlorobenzene	7.02	112	950480	249.90	ng	97
56) C281 1,1,1,2-Tetrachloroe	7.10	131	302515	257.67	ng	97
57) C240 Ethylbenzene	7.13	91	1649460	252.22	ng	98
58) C246 m,p-Xylene	7.25	106	1234183	501.29	ng	99
59) C247 o-Xylene	7.65	106	624515	253.44	ng	# 80
60) C245 Styrene	7.67	104	1035455	258.85	ng	99
61) C180 Bromoform	7.86	173	180637	261.43	ng	84
64) C966 Isopropylbenzene	8.04	105	1502103	251.71	ng	92
65) C301 Bromobenzene	8.36	156	380875	251.60	ng	94
66) C225 1,1,2,2-Tetrachloroe	8.35	83	439811	261.75	ng	94
67) C282 1,2,3-Trichloropropa	8.40	110	119329	254.27	ng	100
68) C283 t-1,4-Dichloro-2-But	8.42	53	668637	1348.19	ng	77
69) C302 n-Propylbenzene	8.48	91	1939369	251.18	ng	94
70) C303 O 2-Chlorotoluene	8.57	126	386127	250.85	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	392905	250.20	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	1274095	252.67	ng	84
73) C306 tert-Butylbenzene	9.02	134	278674	247.92	ng	93
74) C307 1,2,4-Trimethylbenze	9.08	105	1309692	250.86	ng	95
75) C308 sec-Butylbenzene	9.26	105	1578766	251.39	ng	94
76) C260 1,3-Dichlorobenzene	9.38	146	739536	251.14	ng	98
77) C309 p-Cymene (4-Isopropy	9.41	119	1414937	254.39	ng	97
78) C267 1,4-Dichlorobenzene	9.47	146	755740	252.41	ng	97
79) C249 1,2-Dichlorobenzene	9.84	146	726665	255.84	ng	99
80) C310 n-Butylbenzene	9.83	91	1377602	252.35	ng	99
81) C286 1,2-Dibromo-3-Chloro	10.55	75	71243	258.00	ng	84
82) C313 1,2,4-Trichlorobenze	11.26	180	556823	254.31	ng	100
83) C316 Hexachlorobutadiene	11.40	225	265846	248.63	ng	98
84) C314 Naphthalene	11.45	128	1436391	260.77	ng	95
85) C934 1,2,3-Trichlorobenze	11.64	180	539927	260.16	ng	98

(#) = qualifier out of range (m) = manual integration

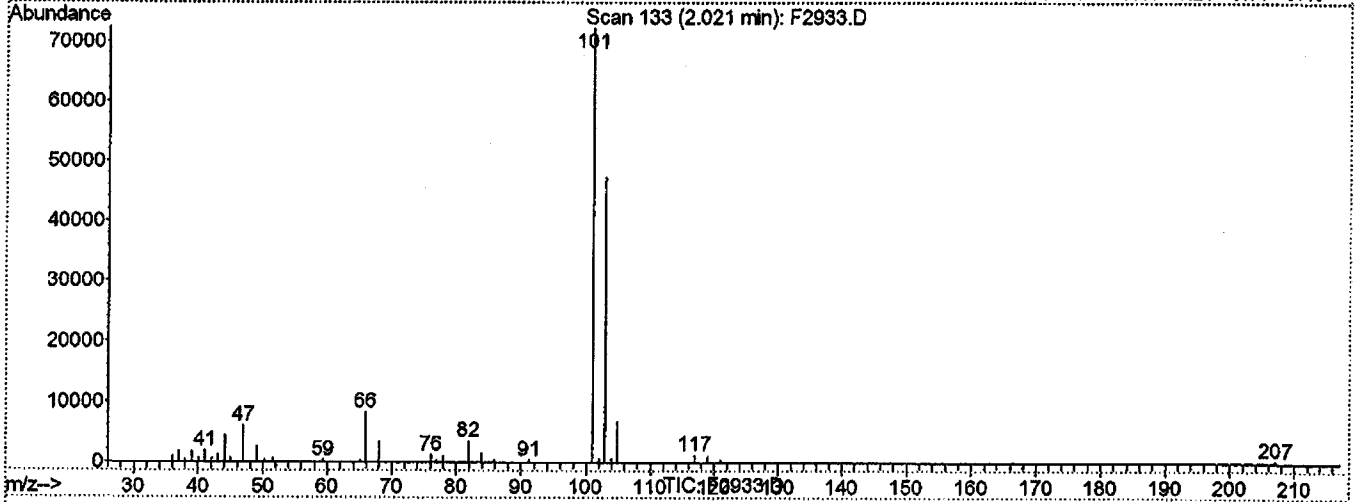
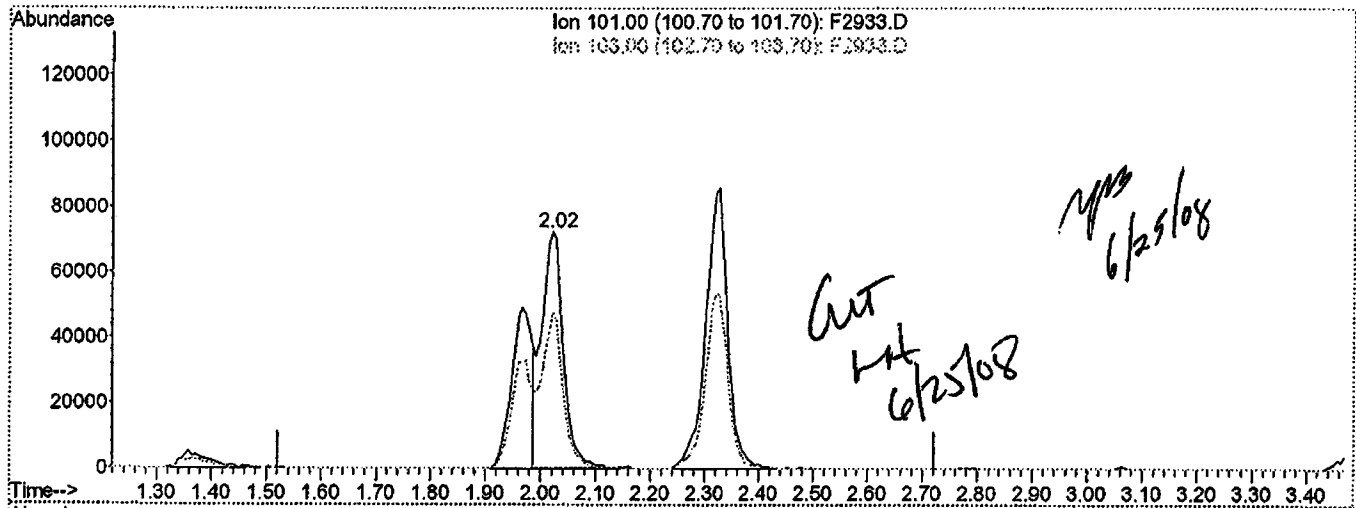
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2933.D
 Acq On : 25 Jun 2008 3:30
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:24 2008

Vial: 40
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:24:39 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 148.01ng

response 198256

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	65.67
0.00	0.00	0.00
0.00	0.00	0.00

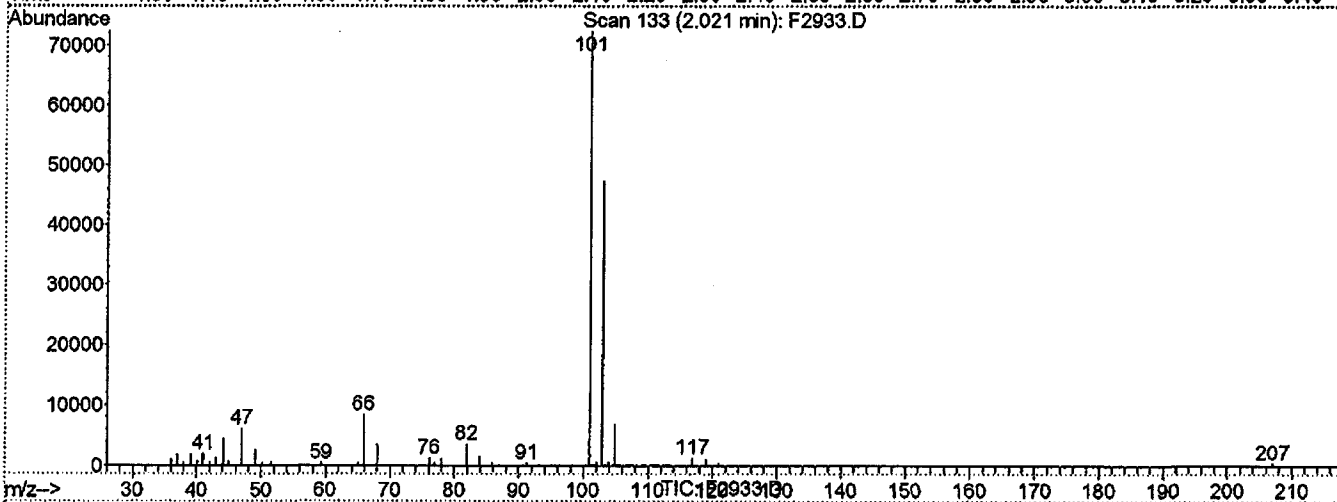
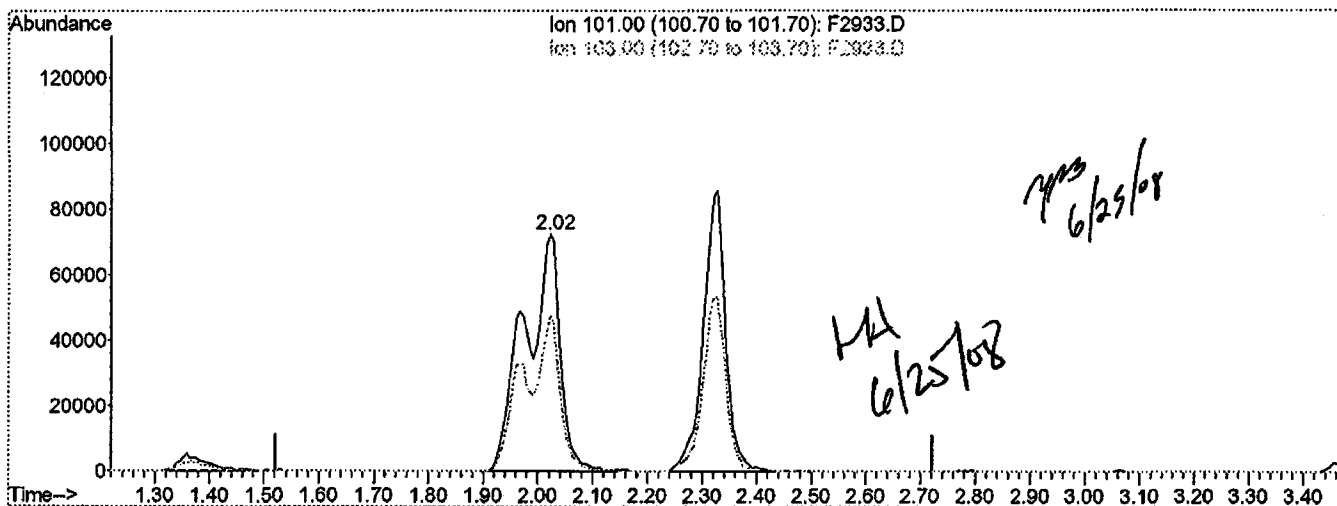
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2933.D
 Acq On : 25 Jun 2008 3:30
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:24 2008

Vial: 40
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:24:39 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 242.36ng m

response 324639

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	65.67
0.00	0.00	0.00
0.00	0.00	0.00

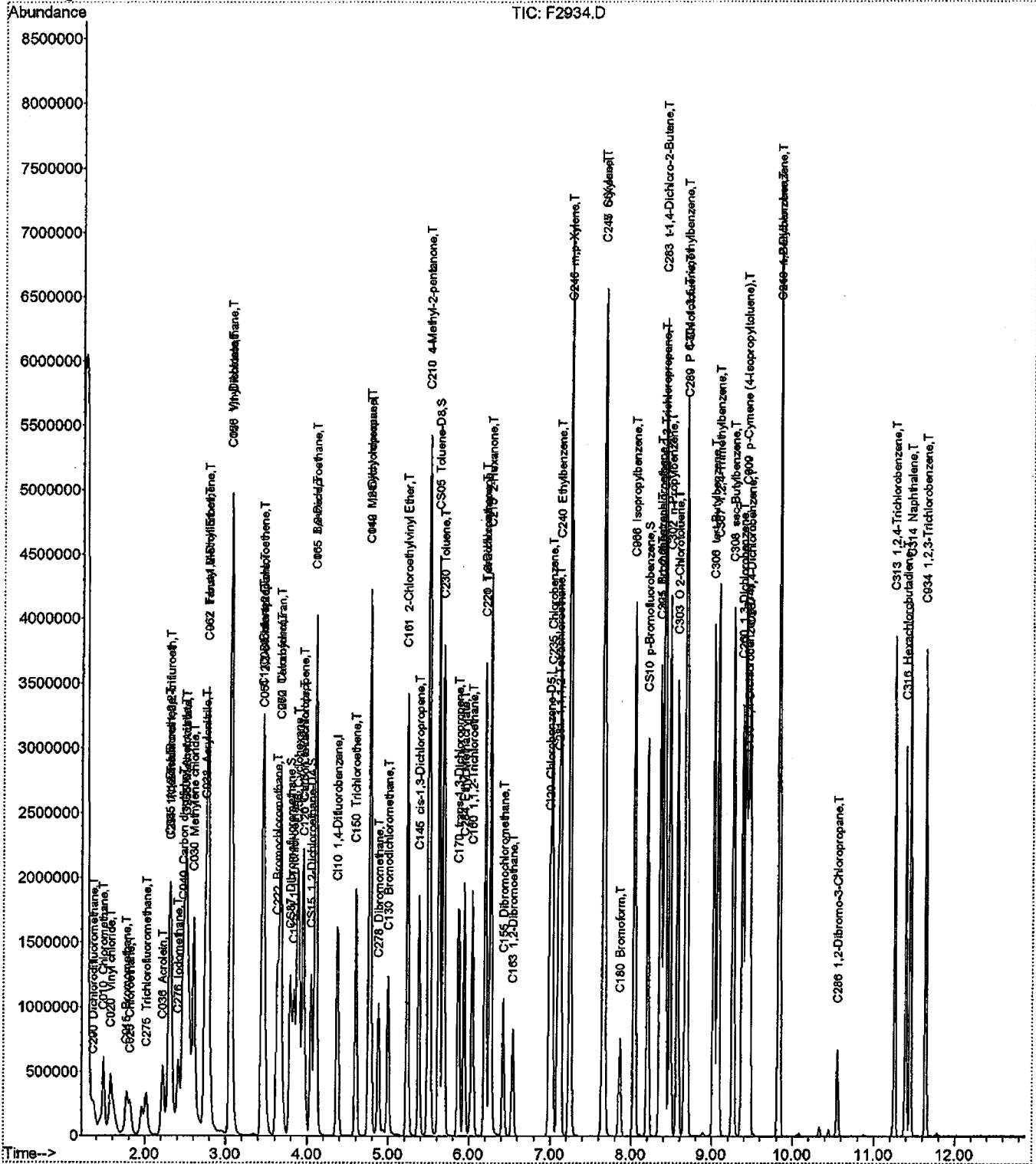
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\062508\F2934.D
Acq On : 25 Jun 2008 3:56
Sample : VSTD100
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 25 8:25 2008

Vial: 41
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I0000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I0000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Jun 25 08:27:34 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2934.D
 Acq On : 25 Jun 2008 3:56
 Sample : VSTD100
 Misc :

Vial: 41
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:25:32 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:25:26 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

IS QA File : H:\GCMS_VOA\F\062508\F2933.D (25 Jun 2008 3:30)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.37	114	1377694	250.00	ng	0.00 102.27%
43) CI20 Chlorobenzene-D5	6.99	82	660971	250.00	ng	0.00 100.03%
63) CI30 1,4-Dichlorobenzene-	9.44	152	601923	250.00	ng	0.00 100.65%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	796575	487.17	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	194.87%#
32) CS15 1,2-Dichloroethane-D	4.05	65	915600	471.12	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	188.45%#
44) CS05 Toluene-D8	5.62	98	3223213	482.37	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	192.95%#
62) CS10 p-Bromofluorobenzene	8.20	174	946693	480.86	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	192.34%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	1.36	85	485299	496.82	ng	99
3) C010 Chloromethane	1.49	50	868934	477.74	ng	97
4) C020 Vinyl chloride	1.57	62	696565	480.82	ng	96
5) C015 Bromomethane	1.77	94	334085	499.54	ng	87
6) C025 Chloroethane	1.82	64	309492	475.35	ng	100
7) C275 Trichlorofluorometha	2.02	101	644368m	470.39	ng	95
8) C291 1,1,2-Trichloro-1,2,	2.32	101	491573	498.15	ng	94
9) C045 1,1-Dichloroethene	2.30	96	477118	499.49	ng	# 79
10) C030 Methylene chloride	2.61	84	829794	417.30	ng	89
11) C040 Carbon disulfide	2.47	76	2038921	500.69	ng	95
12) C036 Acrolein	2.22	56	718635	10044.12	ng	98
13) C038 Acrylonitrile	2.75	53	1694179	2547.86	ng	99
14) C035 Acetone	2.31	43	1043445	2512.86	ng	98
15) C300 Acetonitrile	2.50	41	4546820	20192.04	ng	100
16) C276 Iodomethane	2.41	142	918631	480.46	ng	100
17) C255 Methyl Acetate	2.52	43	1038989	493.71	ng	94
18) C962 T-butyl Methyl Ether	2.78	73	2128095	486.30	ng	87
19) C057 trans-1,2-Dichloroet	2.78	96	728761	479.42	ng	88
20) C050 1,1-Dichloroethane	3.06	63	1283179	477.85	ng	98
21) C125 Vinyl Acetate	3.06	43	7331458	2476.20	ng	95
22) C051 2,2-Dichloropropane	3.47	77	892271	491.36	ng	88
23) C056 cis-1,2-Dichloroethe	3.46	96	796582	479.69	ng	97
24) C272 Tetrahydrofuran	3.66	42	1447668	2575.62	ng	97
25) C222 Bromochloromethane	3.63	128	370476	494.59	ng	# 77
26) C060 Chloroform	3.68	83	1131320	482.08	ng	98
28) C256 Cyclohexane	3.88	56	1440535	487.63	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	922340	496.47	ng	96
30) C120 Carbon tetrachloride	3.96	117	705991	510.23	ng	92
31) C116 1,1-Dichloropropene	3.94	75	892925	485.00	ng	87

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2934.D
 Acq On : 25 Jun 2008 3:56
 Sample : VSTD100
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:25:32 2008

Vial: 41
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:25:26 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	2917531	489.25	ng	97
34) C065 1,2-Dichloroethane	4.11	62	922406	488.61	ng	88
35) C110 2-Butanone	3.44	43	2076367	2542.14	ng	94
36) C150 Trichloroethene	4.59	95	687983	484.61	ng	95
37) C161 2-Chloroethylvinyl E	5.23	63	1563960	2156.12	ng	# 76
38) C012 Methylcyclohexane	4.77	83	1280376	485.74	ng	# 79
39) C140 1,2-Dichloropropane	4.78	63	791857	482.68	ng	100
40) C278 Dibromomethane	4.87	93	430056	507.42	ng	92
41) C130 Bromodichloromethane	5.00	83	836185	512.64	ng	97
42) C145 cis-1,3-Dichloroprop	5.38	75	1147486	503.68	ng	96
45) C230 Toluene	5.68	92	1757783	477.21	ng	95
46) C170 trans-1,3-Dichloropr	5.87	75	1015600	520.29	ng	93
47) C284 Ethyl Methacrylate	5.94	69	1057355	524.69	ng	89
48) C160 1,1,2-Trichloroethan	6.04	83	538406	510.09	ng	96
49) C210 4-Methyl-2-pentanone	5.50	43	4156247	2539.71	ng	91
50) C220 Tetrachloroethene	6.20	166	668257	486.10	ng	95
51) C221 1,3-Dichloropropane	6.20	76	1101835	497.54	ng	95
52) C155 Dibromochloromethane	6.43	129	603831	538.13	ng	84
53) C163 1,2-Dibromoethane	6.54	107	620622	508.64	ng	91
54) C215 2-Hexanone	6.27	43	3000112	2562.29	ng	88
55) C235 Chlorobenzene	7.02	112	1862367	489.53	ng	97
56) C281 1,1,1,2-Tetrachloroe	7.10	131	607146	517.00	ng	96
57) C240 Ethylbenzene	7.13	91	3179816	486.10	ng	96
58) C246 m,p-Xylene	7.25	106	2371266	962.88	ng	99
59) C247 o-Xylene	7.65	106	1192831	483.94	ng	# 82
60) C245 Styrene	7.67	104	1982243	495.40	ng	99
61) C180 Bromoform	7.86	173	390256	564.65	ng	83
64) C966 Isopropylbenzene	8.04	105	2913099	484.98	ng	92
65) C301 Bromobenzene	8.37	156	746344	489.82	ng	98
66) C225 1,1,2,2-Tetrachloroe	8.35	83	849826	502.49	ng	93
67) C282 1,2,3-Trichloropropa	8.40	110	227739	482.12	ng	100
68) C283 t-1,4-Dichloro-2-But	8.42	53	1285875	2575.91	ng	77
69) C302 n-Propylbenzene	8.48	91	3753049	482.93	ng	97
70) C303 O 2-Chlorotoluene	8.57	126	760437	490.81	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	768723	486.34	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	2472391	487.13	ng	85
73) C306 tert-Butylbenzene	9.02	134	550731	486.77	ng	92
74) C307 1,2,4-Trimethylbenze	9.08	105	2557668	486.71	ng	94
75) C308 sec-Butylbenzene	9.26	105	3049525	482.43	ng	94
76) C260 1,3-Dichlorobenzene	9.38	146	1424872	480.73	ng	98
77) C309 p-Cymene (4-Isopropy	9.42	119	2733716	488.30	ng	95
78) C267 1,4-Dichlorobenzene	9.47	146	1460470	484.61	ng	98
79) C249 1,2-Dichlorobenzene	9.84	146	1363123	476.81	ng	99
80) C310 n-Butylbenzene	9.83	91	2637244	479.95	ng	99
81) C286 1,2-Dibromo-3-Chloro	10.56	75	153241	551.33	ng	96
82) C313 1,2,4-Trichlorobenze	11.26	180	1054201	478.34	ng	98
83) C316 Hexachlorobutadiene	11.40	225	496237	461.09	ng	99
84) C314 Naphthalene	11.45	128	2739627	494.14	ng	97
85) C934 1,2,3-Trichlorobenze	11.64	180	1008688	482.86	ng	99

(#) = qualifier out of range (m) = manual integration

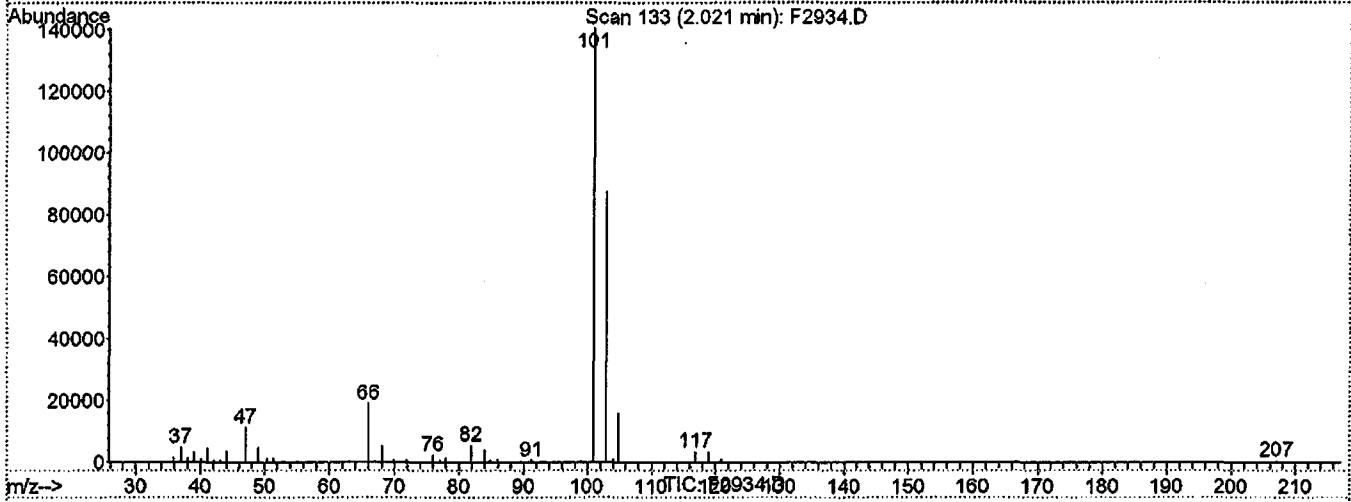
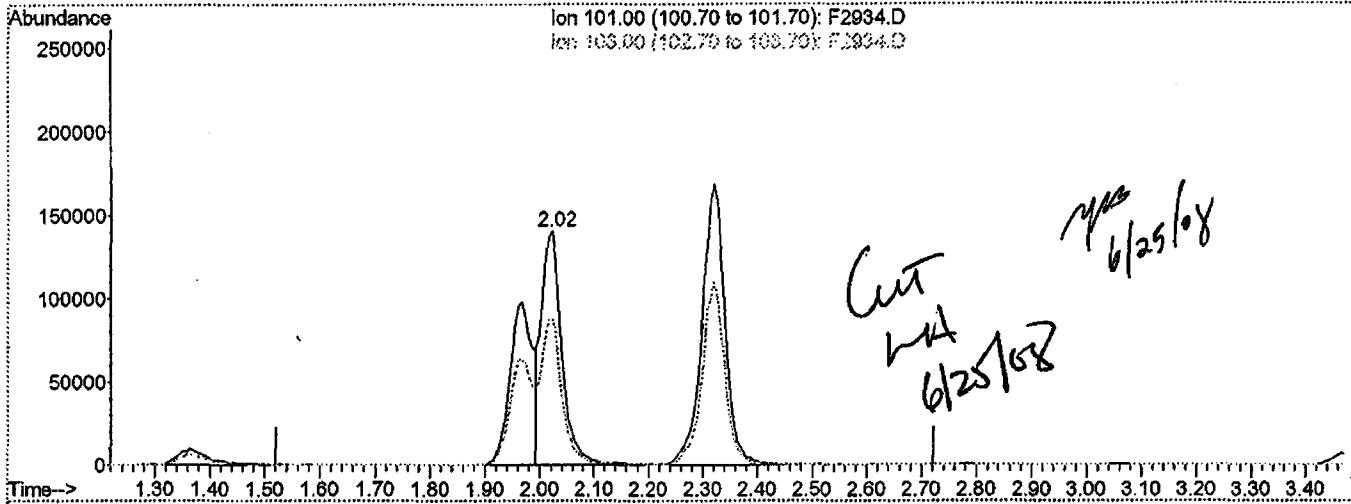
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2934.D
 Acq On : 25 Jun 2008 3:56
 Sample : VSTD100
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:25 2008

Vial: 41
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:25:26 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 268.07ng

response 367224

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	62.31
0.00	0.00	0.00
0.00	0.00	0.00

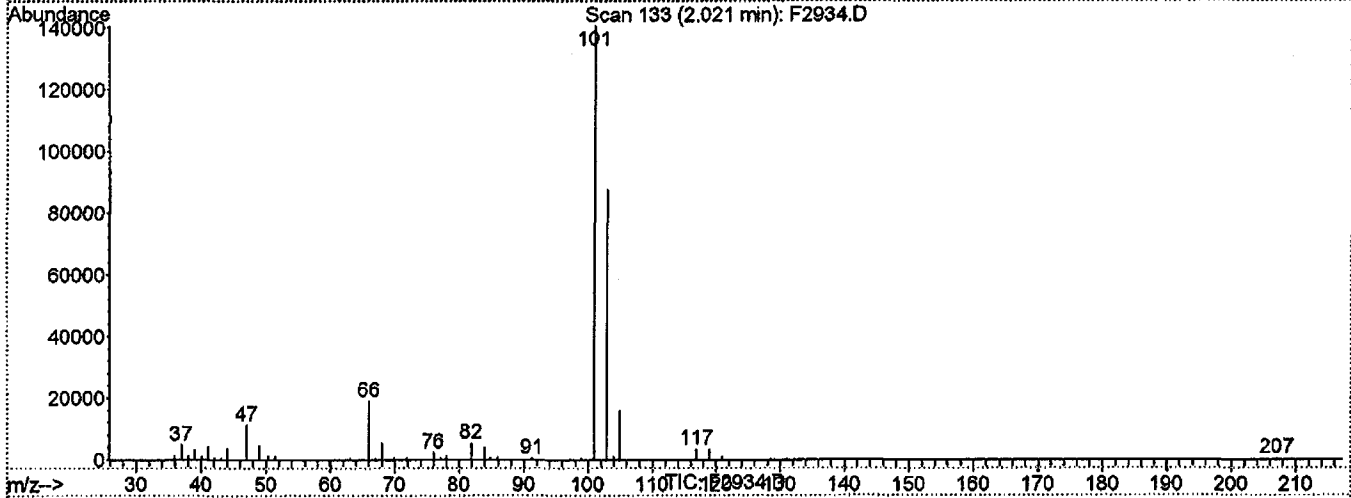
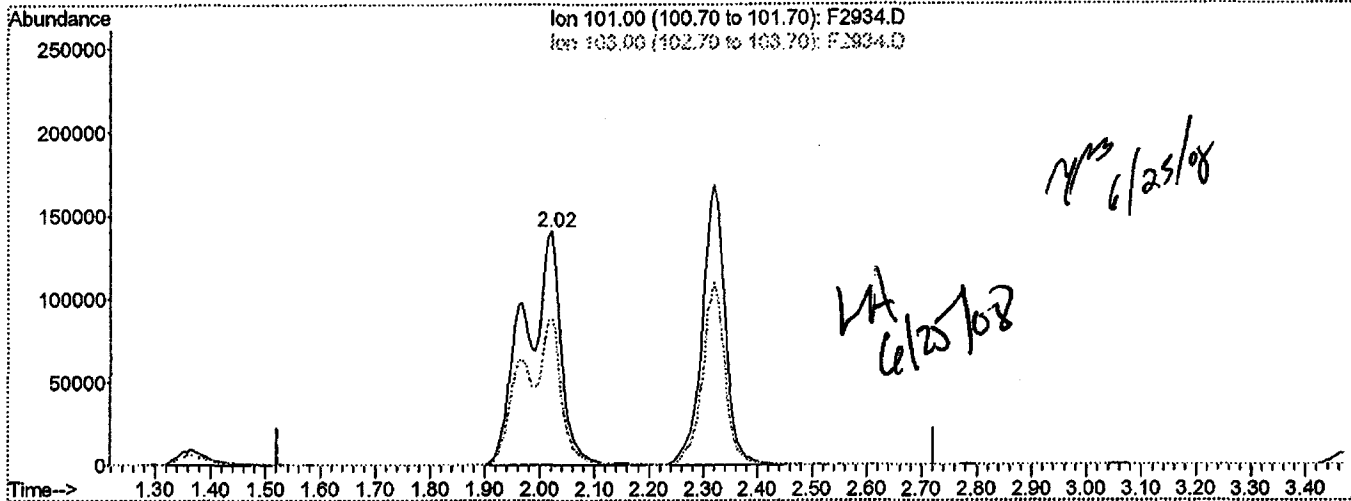
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2934.D
 Acq On : 25 Jun 2008 3:56
 Sample : VSTD100
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:25 2008

Vial: 41
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:25:26 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 470.39ng m

response 644368

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	62.31
0.00	0.00	0.00
0.00	0.00	0.00

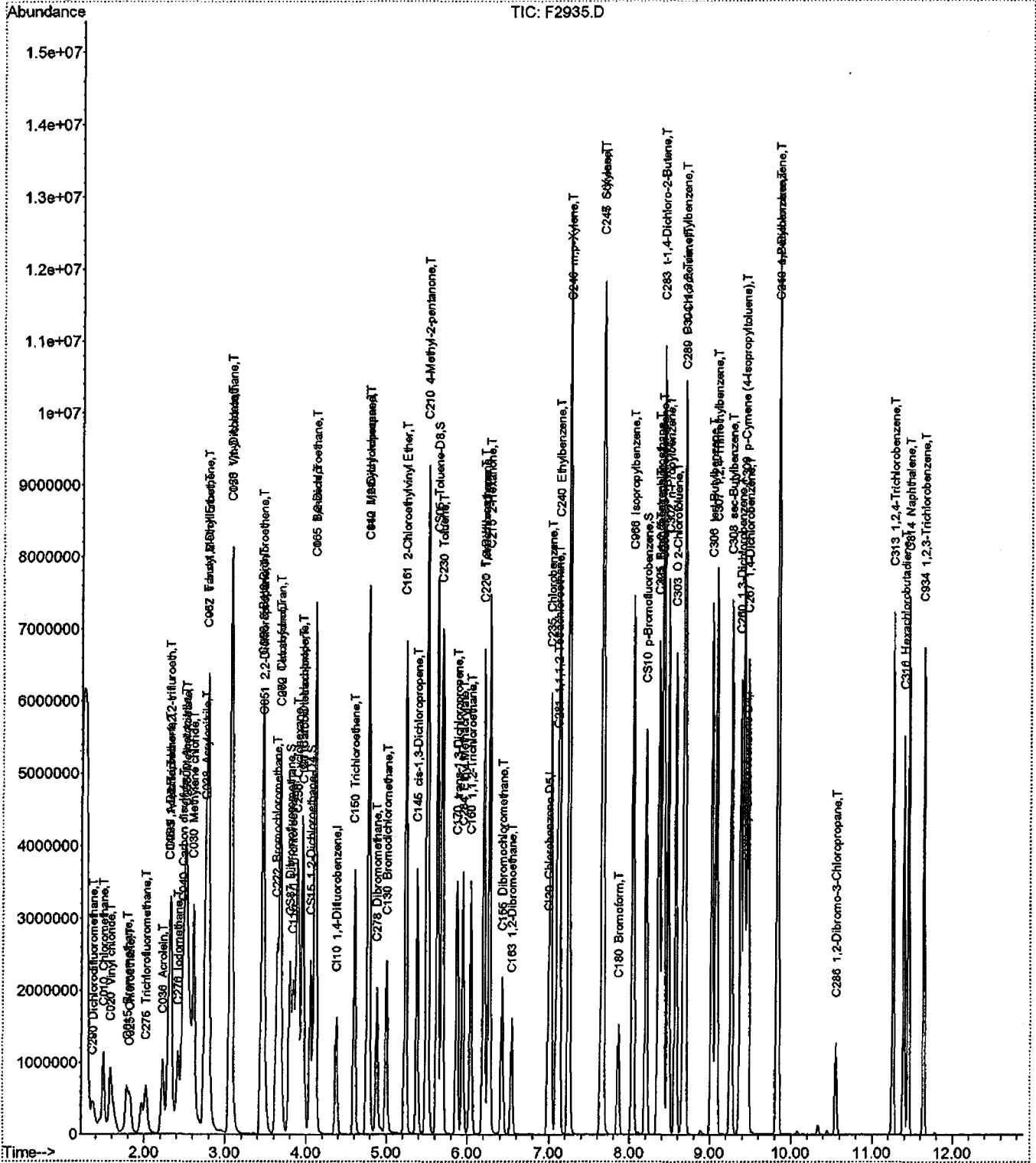
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\062508\F2935.D
Acq On : 25 Jun 2008 4:21
Sample : VSTD200
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 25 8:26 2008

Vial: 42
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I0000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I0000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Jun 25 08:27:34 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2935.D
 Acq On : 25 Jun 2008 4:21
 Sample : VSTD200
 Misc :

Vial: 42
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:26:10 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8250 SOILS ENCON
 Last Update : Wed Jun 25 08:26:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

IS QA File : H:\GCMS_VOA\F\062508\F2933.D (25 Jun 2008 3:30)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dev(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1389784	250.00	ng	0.00	103.17%
43) CI20 Chlorobenzene-D5	6.99	82	660453	250.00	ng	0.00	99.95%
63) CI30 1,4-Dichlorobenzene-	9.44	152	586755	250.00	ng	0.00	98.12%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	1519790	921.39	ng	0.00	
Spiked Amount	250.000	Range	70 - 130	Recovery	=	368.56%#	
32) CS15 1,2-Dichloroethane-D	4.05	65	1785577	910.77	ng	0.00	
Spiked Amount	250.000	Range	64 - 126	Recovery	=	364.31%#	
44) CS05 Toluene-D8	5.63	98	5710263	855.25	ng	0.00	
Spiked Amount	250.000	Range	71 - 125	Recovery	=	342.10%#	
62) CS10 p-Bromofluorobenzene	8.20	174	1723348	876.04	ng	0.00	
Spiked Amount	250.000	Range	72 - 126	Recovery	=	350.42%#	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	1.36	85	960292	974.53	ng	99
3) C010 Chloromethane	1.50	50	1723477	939.33	ng	95
4) C020 Vinyl chloride	1.58	62	1373484m	939.84	ng	96
5) C015 Bromomethane	1.78	94	648535	961.29	ng	89
6) C025 Chloroethane	1.83	64	643990m	980.49	ng	97
7) C275 Trichlorofluorometha	2.02	101	1316948m	953.12	ng	93
8) C291 1,1,2-Trichloro-1,2,	2.33	101	874727	878.73	ng	93
9) C045 1,1-Dichloroethene	2.31	96	824167	855.30	ng	# 74
10) C030 Methylene chloride	2.61	84	1587423	791.37	ng	88
11) C040 Carbon disulfide	2.47	76	3688032	897.78	ng	95
12) C036 Acrolein	2.23	56	1377434	19084.46	ng	96
13) C038 Acrylonitrile	2.75	53	3074768	4583.89	ng	100
14) C035 Acetone	2.32	43	1786474	4264.83	ng	97
15) C300 Acetonitrile	2.51	41	8356536	36787.83	ng	100
16) C276 Iodomethane	2.42	142	1822820	945.08	ng	100
17) C255 Methyl Acetate	2.53	43	1898843	894.45	ng	95
18) C962 T-butyl Methyl Ether	2.78	73	4162713	942.96	ng	87
19) C057 trans-1,2-Dichloroet	2.79	96	1383888	902.48	ng	89
20) C050 1,1-Dichloroethane	3.06	63	2415622	891.74	ng	98
21) C125 Vinyl Acetate	3.07	43	12294306	4116.29	ng	92
22) C051 2,2-Dichloropropane	3.48	77	1744864	952.51	ng	93
23) C056 cis-1,2-Dichloroethe	3.46	96	1527031	911.56	ng	95
24) C272 Tetrahydrofuran	3.67	42	2574389	4540.38	ng	97
25) C222 Bromochloromethane	3.63	128	728070	963.52	ng	# 80
26) C060 Chloroform	3.68	83	2207670	932.56	ng	98
28) C256 Cyclohexane	3.89	56	2681048	899.66	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	1808076	964.76	ng	96
30) C120 Carbon tetrachloride	3.96	117	1406436	1007.62	ng	94
31) C116 1,1-Dichloropropene	3.95	75	1713243	922.47	ng	88

(#) = qualifier out of range (m) = manual integration
 F2935.D A8I00000477.M Wed Jun 25 08:28:15 2008

HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2935.D
 Acq On : 25 Jun 2008 4:21
 Sample : VSTD200
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:26:10 2008

Vial: 42
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:26:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	5304661	881.82	ng	96
34) C065 1,2-Dichloroethane	4.11	62	1776073	932.61	ng	88
35) C110 2-Butanone	3.45	43	3693111	4482.21	ng	94
36) C150 Trichloroethene	4.60	95	1340823	936.25	ng	96
37) C161 2-Chloroethylvinyl E	5.24	63	3258850	4453.66	ng	# 76
38) C012 Methylcyclohexane	4.77	83	2355083	885.67	ng	81
39) C140 1,2-Dichloropropane	4.78	63	1526692	922.51	ng	100
40) C278 Dibromomethane	4.88	93	836499	978.40	ng	96
41) C130 Bromodichloromethane	5.00	83	1683794	1023.31	ng	97
42) C145 cis-1,3-Dichloroprop	5.38	75	2258418	982.69	ng	96
45) C230 Toluene	5.69	92	3353813	911.22	ng	99
46) C170 trans-1,3-Dichloropr	5.87	75	2010388	1030.72	ng	96
47) C284 Ethyl Methacrylate	5.95	69	1995900	991.21	ng	88
48) C160 1,1,2-Trichloroethan	6.04	83	1023190	970.14	ng	93
49) C210 4-Methyl-2-pentanone	5.50	43	7068180	4322.46	ng	87
50) C220 Tetrachloroethene	6.20	166	1260691	917.76	ng	96
51) C221 1,3-Dichloropropane	6.21	76	2061375	931.56	ng	97
52) C155 Dibromochloromethane	6.43	129	1228933	1096.07	ng	84
53) C163 1,2-Dibromoethane	6.54	107	1190536	976.49	ng	92
54) C215 2-Hexanone	6.27	43	5137781	4391.44	ng	86
55) C235 Chlorobenzene	7.02	112	3536197	930.24	ng	98
56) C281 1,1,1,2-Tetrachloroe	7.10	131	1197028	1020.10	ng	96
57) C240 Ethylbenzene	7.13	91	5783722	884.85	ng	94
58) C246 m,p-Xylene	7.25	106	4310822	1751.84	ng	93
59) C247 o-Xylene	7.65	106	2229198	905.11	ng	# 80
60) C245 Styrene	7.67	104	3691360	923.26	ng	98
61) C180 Bromoform	7.86	173	807708	1169.57	ng	88
64) C966 Isopropylbenzene	8.04	105	5404013	922.94	ng	90
65) C301 Bromobenzene	8.37	156	1405184	946.04	ng	97
66) C225 1,1,2,2-Tetrachloroe	8.35	83	1573451	954.40	ng	92
67) C282 1,2,3-Trichloropropa	8.40	110	422415	917.37	ng	100
68) C283 t-1,4-Dichloro-2-But	8.42	53	2294306	4714.84	ng	# 77
69) C302 n-Propylbenzene	8.48	91	6708090	885.49	ng	99
70) C303 O 2-Chlorotoluene	8.57	126	1441000	954.12	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	1426871	926.06	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	4537620	917.14	ng	85
73) C306 tert-Butylbenzene	9.02	134	1055808	957.32	ng	97
74) C307 1,2,4-Trimethylbenze	9.08	105	4763557	929.91	ng	96
75) C308 sec-Butylbenzene	9.26	105	5608225	910.15	ng	95
76) C260 1,3-Dichlorobenzene	9.38	146	2698264	933.90	ng	98
77) C309 p-Cymene (4-Isopropy	9.42	119	5013891	918.74	ng	97
78) C267 1,4-Dichlorobenzene	9.47	146	2742729	933.61	ng	98
79) C249 1,2-Dichlorobenzene	9.84	146	2507691	899.85	ng	99
80) C310 n-Butylbenzene	9.83	91	4679078	873.55	ng	97
81) C286 1,2-Dibromo-3-Chloro	10.55	75	297020	1096.25	ng	90
82) C313 1,2,4-Trichlorobenze	11.26	180	1951596	908.41	ng	100
83) C316 Hexachlorobutadiene	11.40	225	939452	895.48	ng	97
84) C314 Naphthalene	11.45	128	4935699	913.26	ng	98
85) C934 1,2,3-Trichlorobenze	11.64	180	1840908	904.03	ng	100

(#) = qualifier out of range (m) = manual integration

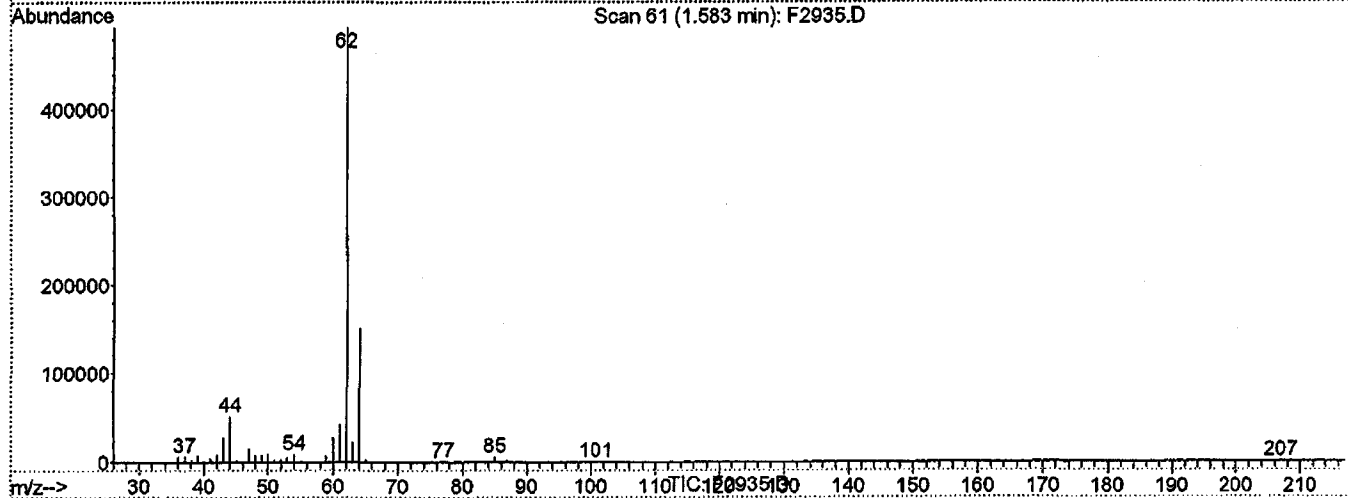
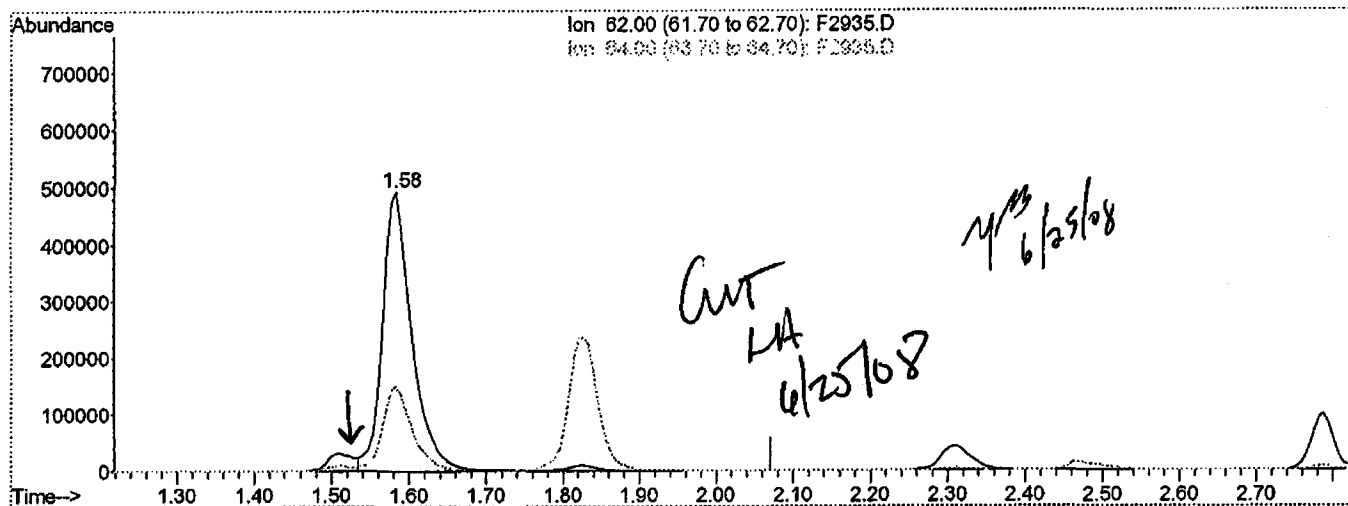
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2935.D
 Acq On : 25 Jun 2008 4:21
 Sample : VSTD200
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:26 2008

Vial: 42
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:26:03 2008
 Response via : Multiple Level Calibration



(4) C020 Vinyl chloride (T)

1.58min 891.04ng

response 1302177

Ion	Exp%	Act%
62.00	100	100
64.00	32.70	30.48
0.00	0.00	0.00
0.00	0.00	0.00

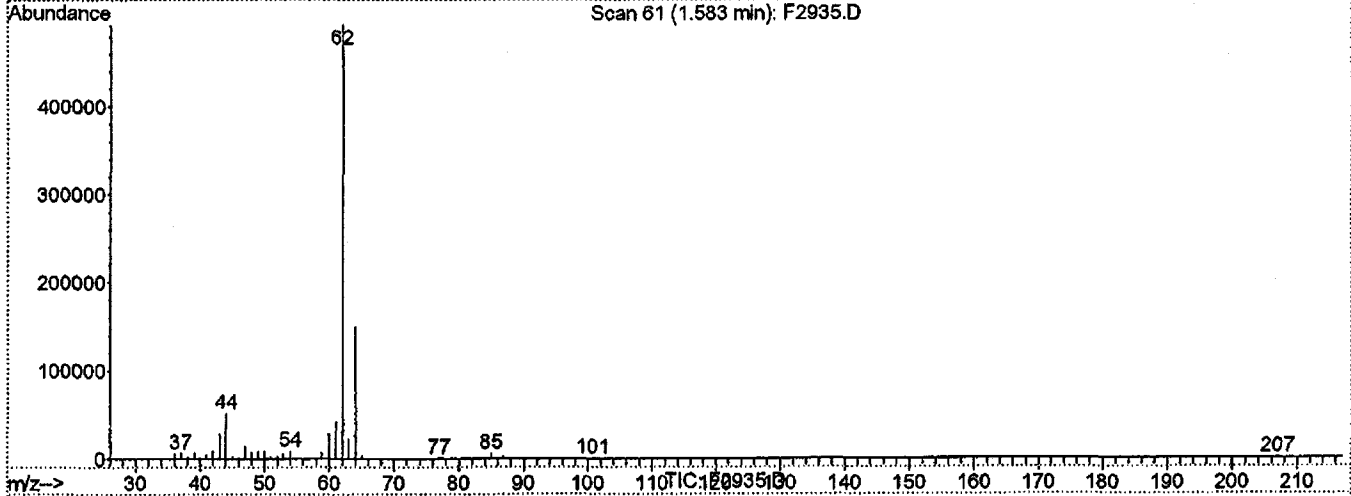
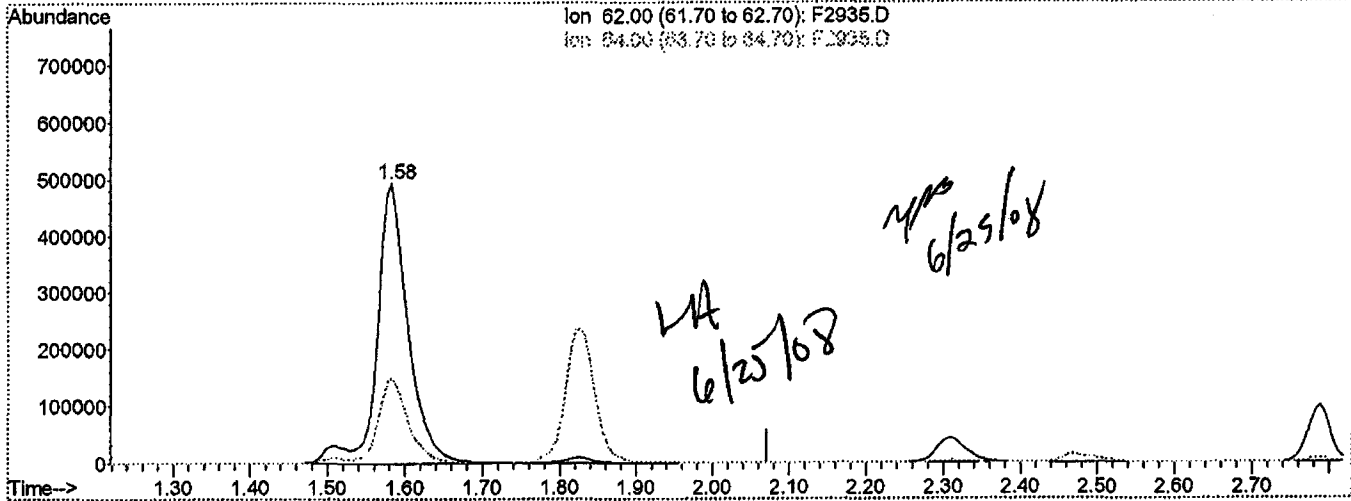
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2935.D
 Acq On : 25 Jun 2008 4:21
 Sample : VSTD200
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:26 2008

Vial: 42
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:26:03 2008
 Response via : Multiple Level Calibration



(4) C020 Vinyl chloride (T)

1.58min 939.84ng m

response 1373484

Ion	Exp%	Act%
62.00	100	100
64.00	32.70	30.48
0.00	0.00	0.00
0.00	0.00	0.00

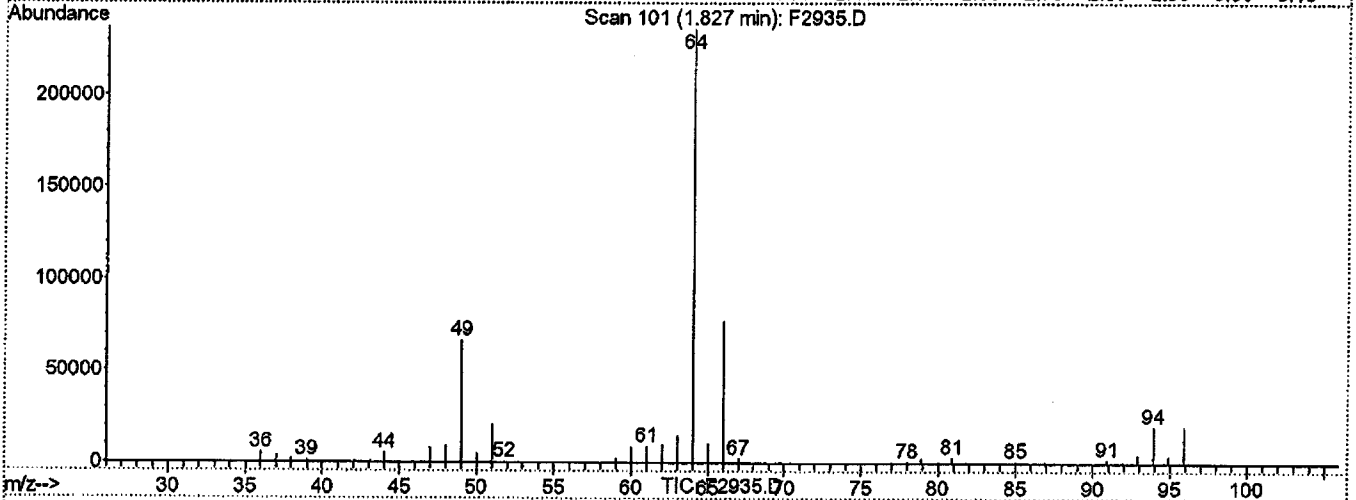
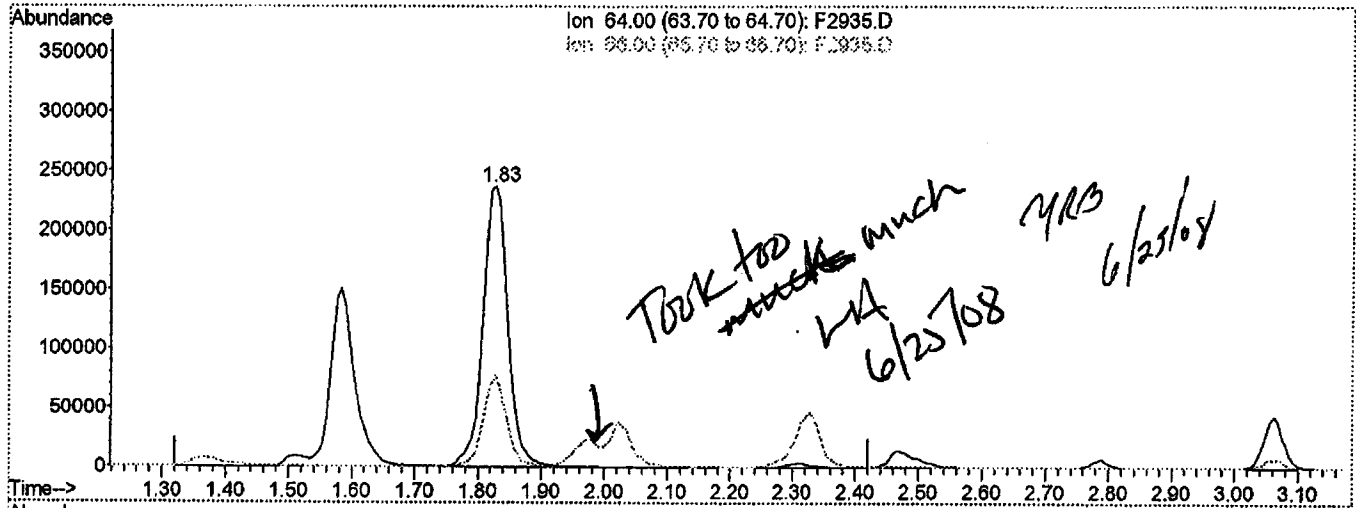
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2935.D
 Acq On : 25 Jun 2008 4:21
 Sample : VSTD200
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:26 2008

Vial: 42
 Operator: JLG
 Inst : HP5973P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:26:03 2008
 Response via : Multiple Level Calibration



(6) C025 Chloroethane (T)

1.83min 984.29ng

response 646482

Ion	Exp%	Act%
64.00	100	100
66.00	30.90	32.56
0.00	0.00	0.00
0.00	0.00	0.00

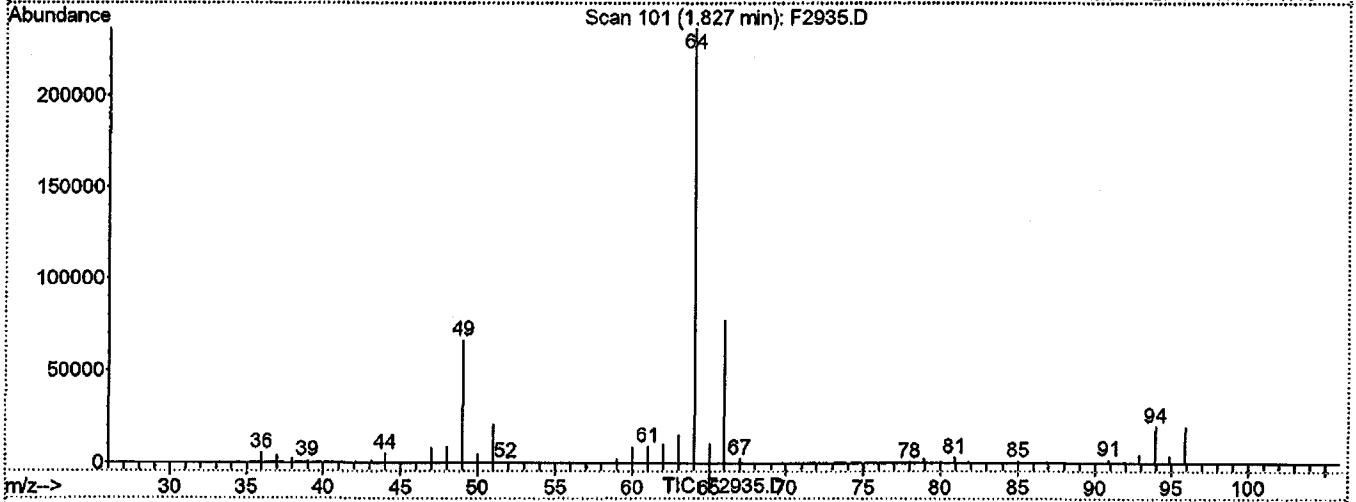
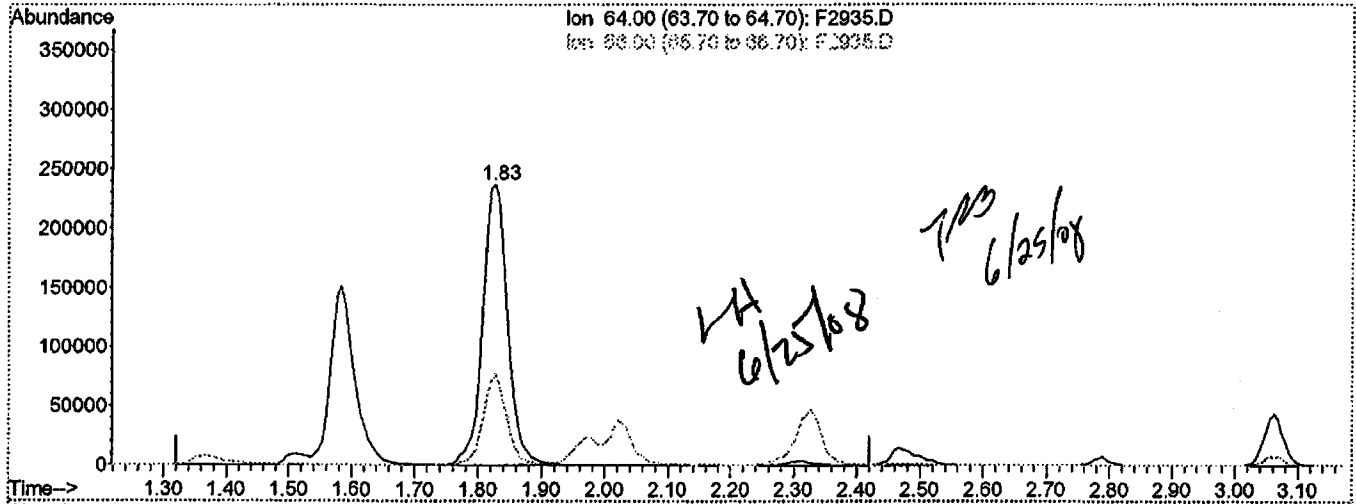
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2935.D
 Acq On : 25 Jun 2008 4:21
 Sample : VSTD200
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:26 2008

Vial: 42
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:26:03 2008
 Response via : Multiple Level Calibration



(6) C025 Chloroethane (T)

1.83min 980.49ng m

response 643990

Ion	Exp%	Act%
64.00	100	100
66.00	30.90	32.56
0.00	0.00	0.00
0.00	0.00	0.00

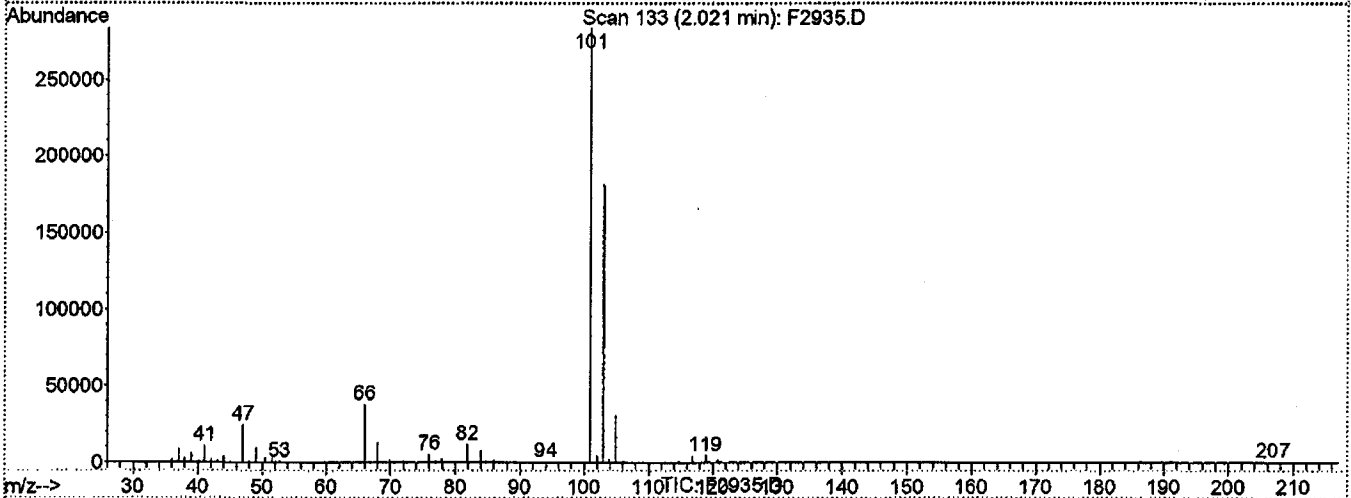
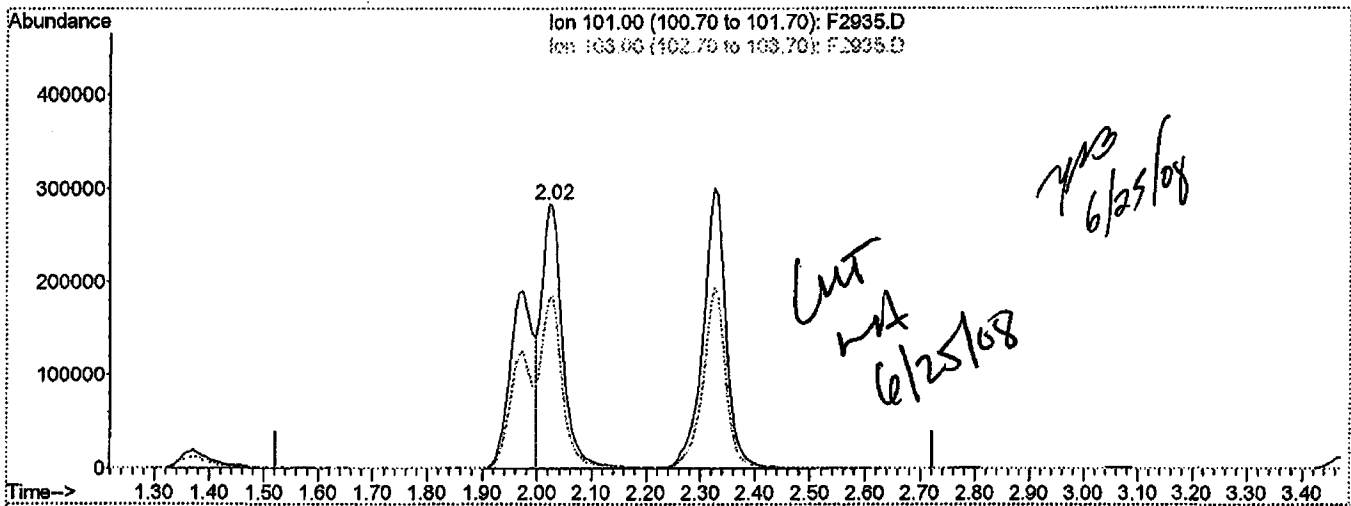
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2935.D
 Acq On : 25 Jun 2008 4:21
 Sample : VSTD200
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:26 2008

Vial: 42
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:26:03 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 544.20ng

response 751928

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	63.94
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

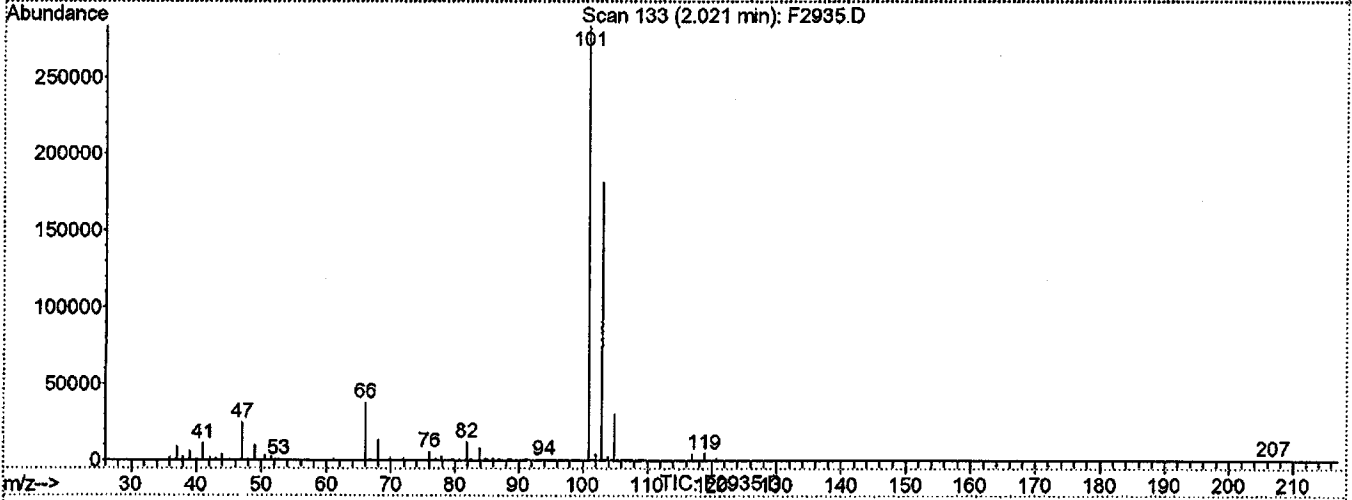
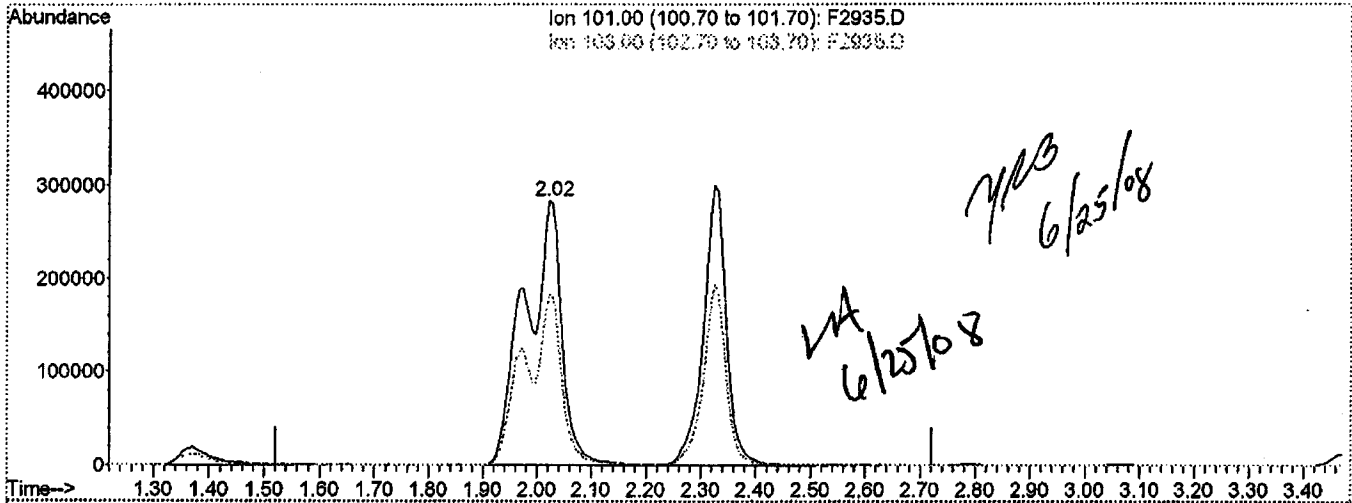
Data File : H:\GCMS_VOA\F\062508\F2935.D
 Acq On : 25 Jun 2008 4:21
 Sample : VSTD200
 Misc :

Vial: 42
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:26 2008

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:26:03 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 953.12ng m

response 1316948

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	63.94
0.00	0.00	0.00
0.00	0.00	0.00

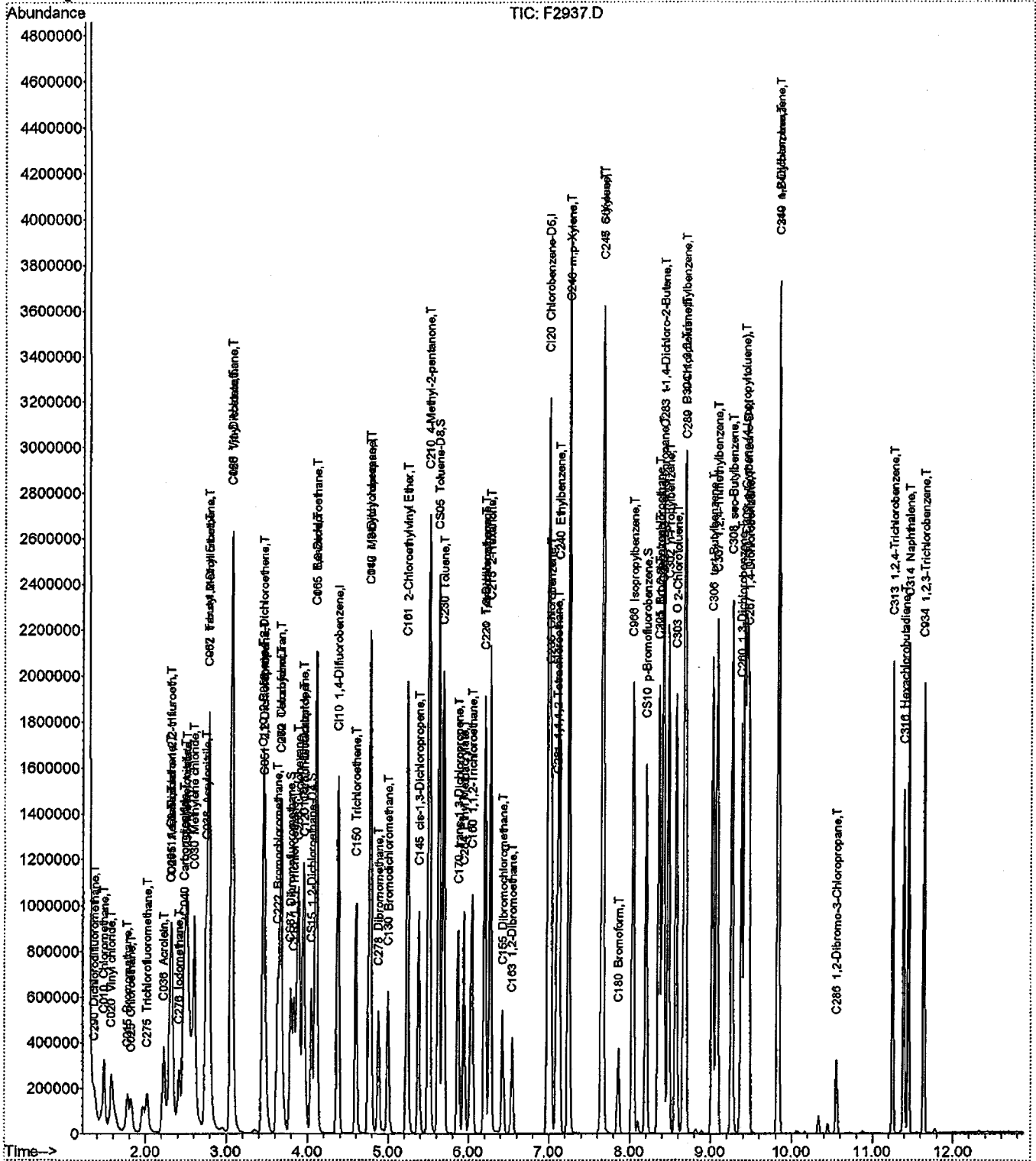
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\062508\F2937.D
Acq On : 25 Jun 2008 5:12
Sample : MSB/SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 25 8:49 2008

Vial: 44
Operator: JLG
Inst : HP5973P
Multiplr: 1.00

Quant Results File: A8I0000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I0000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Jun 25 08:27:34 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2937.D
 Acq On : 25 Jun 2008 5:12
 Sample : MSB/SSCAL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:48:48 2008

Vial: 44
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON

Last Update : Wed Jun 25 08:27:34 2008

Response via : Initial Calibration

DataAcq Meth : VOA

IS QA File : H:\GCMS_VOA\F\062508\F2933.D (25 Jun 2008 3:30)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1314943	250.00	ng	0.00 97.61%
43) CI20 Chlorobenzene-D5	6.99	82	633801	250.00	ng	0.00 95.91%
63) CI30 1,4-Dichlorobenzene-	9.44	152	578504	250.00	ng	0.00 96.74%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	408035	261.43	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	104.57%
32) CS15 1,2-Dichloroethane-D	4.05	65	459120	247.50	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	99.00%
44) CS05 Toluene-D8	5.62	98	1746769	272.64	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	109.06%
62) CS10 p-Bromofluorobenzene	8.20	174	486416	257.68	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	103.07%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	1.37	85	309238	331.65	ng	97
3) C010 Chloromethane	1.49	50	465066	267.87	ng	95
4) C020 Vinyl chloride	1.58	62	385293	278.76	ng	97
5) C015 Bromomethane	1.78	94	150622	235.94	ng	88
6) C025 Chloroethane	1.82	64	164917	265.39	ng	98
7) C275 Trichlorofluorometha	2.02	101	325408m	248.93	ng	90
8) C291 1,1,2-Trichloro-1,2,	2.33	101	243535	258.38	ng	93
9) C045 1,1-Dichloroethene	2.31	96	227322	249.28	ng	81
10) C030 Methylene chloride	2.61	84	442746	271.29	ng	86
11) C040 Carbon disulfide	2.47	76	1037427	266.91	ng	95
12) C036 Acrolein	2.23	56	499257	7311.22	ng	96
13) C038 Acrylonitrile	2.75	53	852804	1343.61	ng	99
14) C035 Acetone	2.32	43	461380	1164.05	ng	93
15) C300 Acetonitrile	2.50	41	2262161	10524.54	ng	100
16) C276 Iodomethane	2.42	142	396222	217.05	ng	97
17) C255 Methyl Acetate	2.52	43	433396	215.75	ng	95
18) C962 T-butyl Methyl Ether	2.78	73	1159167	277.50	ng	88
19) C057 trans-1,2-Dichloroet	2.79	96	390885	269.35	ng	89
20) C050 1,1-Dichloroethane	3.06	63	683464	266.63	ng	97
21) C125 Vinyl Acetate	3.07	43	3785452	1339.35	ng	96
22) C051 2,2-Dichloropropane	3.48	77	463244	267.25	ng	90
23) C056 cis-1,2-Dichloroethe	3.46	96	423270	267.06	ng	95
24) C272 Tetrahydrofuran	3.67	42	714588	1332.32	ng	97
25) C222 Bromochloromethane	3.63	128	195097	272.86	ng	# 78
26) C060 Chloroform	3.68	83	603310	269.32	ng	96
28) C256 Cyclohexane	3.89	56	733147	260.00	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	477410	269.23	ng	100
30) C120 Carbon tetrachloride	3.96	117	364322	275.84	ng	93
31) C116 1,1-Dichloropropene	3.94	75	475618	270.60	ng	89

(#) = qualifier out of range (m) = manual integration
 F2937.D A8I00000477.M Wed Jun 25 08:49:27 2008

HP5973P

Page 1

Quantitation Report

Data File : H:\GCMS_VOA\F\062508\F2937.D
 Acq On : 25 Jun 2008 5:12
 Sample : MSB/SSCAL
 Misc :

Vial: 44
 Operator: JLG
 Inst : HP5973P
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 25 08:48:48 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:27:34 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	1528030	268.45	ng	97
34) C065 1,2-Dichloroethane	4.11	62	476477	264.40	ng	88
35) C110 2-Butanone	3.44	43	983718	1261.75	ng	91
36) C150 Trichloroethene	4.60	95	364970	269.30	ng	96
37) C161 2-Chloroethylvinyl E	5.23	63	903868	1305.42	ng	# 76
38) C012 Methylcyclohexane	4.77	83	653587	259.76	ng	81
39) C140 1,2-Dichloropropane	4.78	63	419962	268.17	ng	100
40) C278 Dibromomethane	4.87	93	221239	273.47	ng	93
41) C130 Bromodichloromethane	5.00	83	432916	278.03	ng	100
42) C145 cis-1,3-Dichloroprop	5.38	75	591402	271.92	ng	97
45) C230 Toluene	5.68	92	942374	266.83	ng	94
46) C170 trans-1,3-Dichloropr	5.87	75	518410	276.99	ng	97
47) C284 Ethyl Methacrylate	5.94	69	528989	273.78	ng	88
48) C160 1,1,2-Trichloroethan	6.04	83	277402	274.11	ng	93
49) C210 4-Methyl-2-pentanone	5.50	43	2077543	1324.04	ng	92
50) C220 Tetrachloroethene	6.19	166	349279	264.99	ng	93
51) C221 1,3-Dichloropropane	6.21	76	573257	269.98	ng	96
52) C155 Dibromochloromethane	6.43	129	298484	277.44	ng	83
53) C163 1,2-Dibromoethane	6.54	107	319657	273.24	ng	93
54) C215 2-Hexanone	6.27	43	1459316	1299.90	ng	88
55) C235 Chlorobenzene	7.02	112	986219	270.37	ng	98
56) C281 1,1,1,2-Tetrachloroe	7.10	131	310707	275.95	ng	94
57) C240 Ethylbenzene	7.13	91	1690432	269.52	ng	98
58) C246 m,p-Xylene	7.25	106	1270049	537.88	ng	96
59) C247 o-Xylene	7.65	106	642307	271.78	ng	# 82
60) C245 Styrene	7.67	104	1074344	280.03	ng	97
61) C180 Bromoform	7.86	173	191269	263.92	ng	81
64) C966 Isopropylbenzene	8.04	105	1420849	246.12	ng	90
65) C301 Bromobenzene	8.36	156	394109	269.12	ng	95
66) C225 1,1,2,2-Tetrachloroe	8.35	83	457590	281.52	ng	94
67) C282 1,2,3-Trichloropropa	8.40	110	107103	235.91	ng	100
68) C283 t-1,4-Dichloro-2-But	8.41	53	559184	1165.52	ng	# 72
69) C302 n-Propylbenzene	8.48	91	1961644	262.72	ng	94
70) C303 O 2-Chlorotoluene	8.57	126	401834	269.86	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	394204	259.49	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	1299912	266.48	ng	86
73) C306 tert-Butylbenzene	9.02	134	286280	263.28	ng	89
74) C307 1,2,4-Trimethylbenze	9.08	105	1361376	269.55	ng	94
75) C308 sec-Butylbenzene	9.26	105	1706578	280.91	ng	93
76) C260 1,3-Dichlorobenzene	9.38	146	760217	266.87	ng	97
77) C309 p-Cymene (4-Isopropy	9.41	119	1394564	259.18	ng	97
78) C267 1,4-Dichlorobenzene	9.47	146	770792	266.12	ng	98
79) C249 1,2-Dichlorobenzene	9.84	146	736560	268.07	ng	99
80) C310 n-Butylbenzene	9.83	91	1395578	264.26	ng	99
81) C286 1,2-Dibromo-3-Chloro	10.55	75	73716	275.95	ng	81
82) C313 1,2,4-Trichlorobenze	11.26	180	553799	261.45	ng	99
83) C316 Hexachlorobutadiene	11.40	225	255817	247.32	ng	95
84) C314 Naphthalene	11.45	128	1441841	270.59	ng	96
85) C934 1,2,3-Trichlorobenze	11.64	180	536447	267.20	ng	97

(#) = qualifier out of range (m) = manual integration

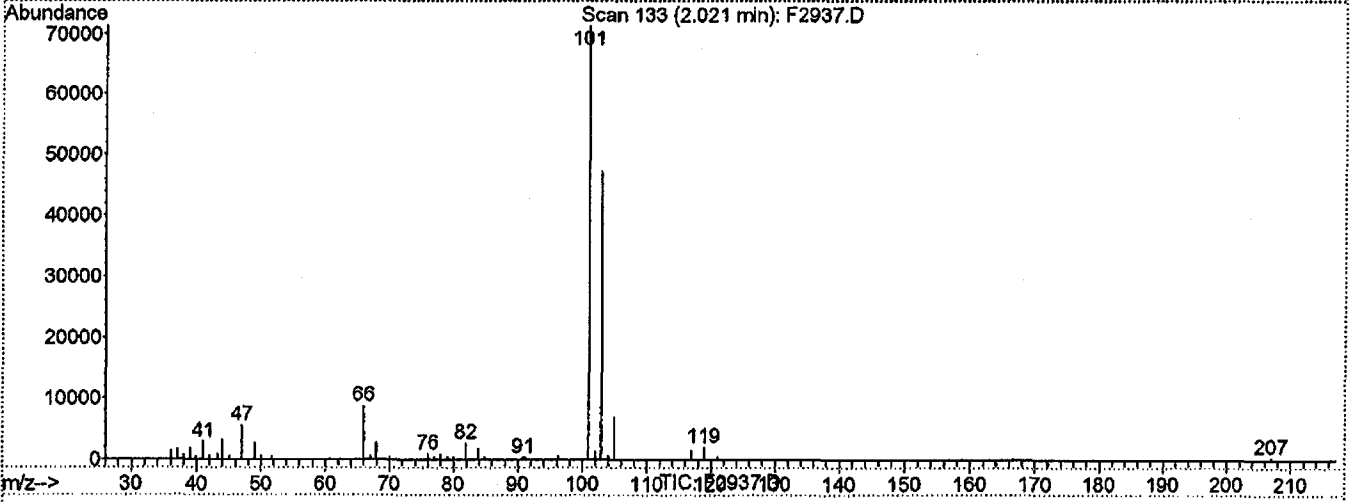
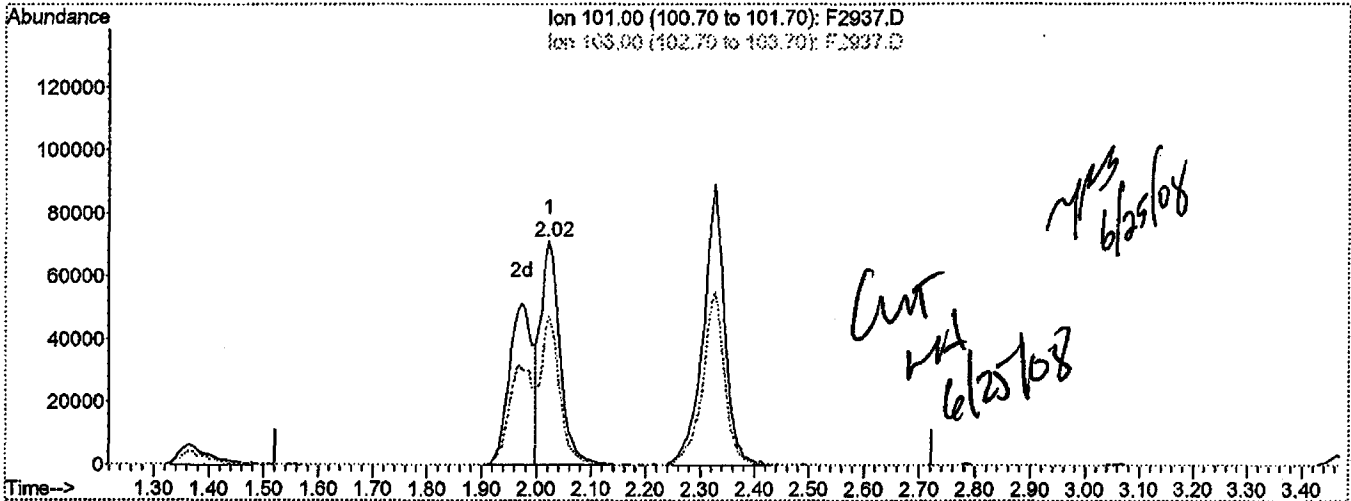
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2937.D
 Acq On : 25 Jun 2008 5:12
 Sample : MSB/SSCAL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:48 2008

Vial: 44
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:27:34 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 132.27ng

response 172913

ion	Exp%	Act%
101.00	100	100
103.00	58.90	66.25
0.00	0.00	0.00
0.00	0.00	0.00

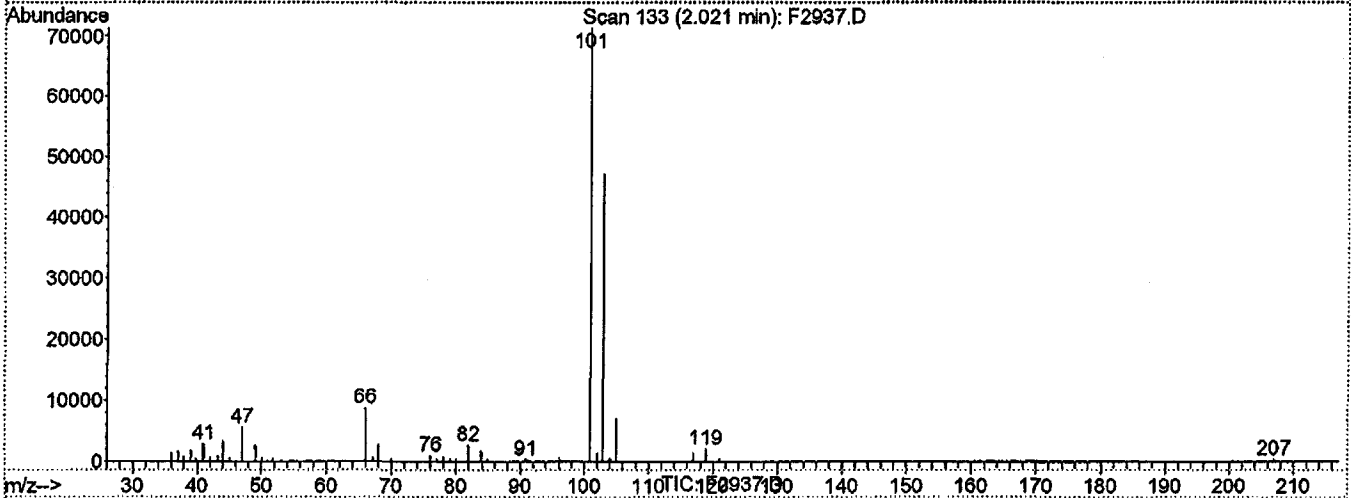
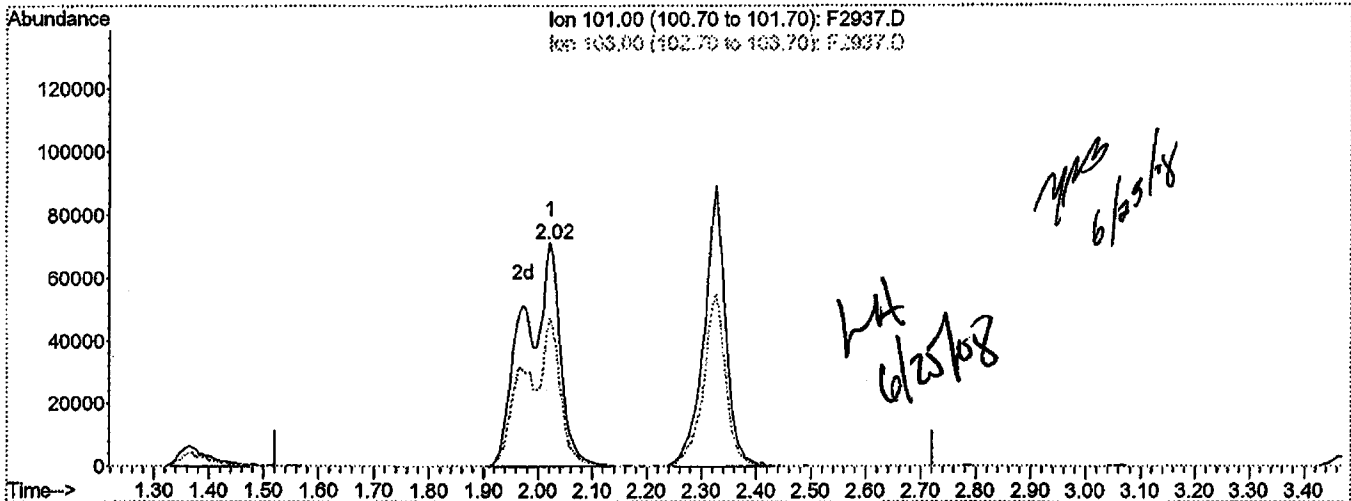
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062508\F2937.D
 Acq On : 25 Jun 2008 5:12
 Sample : MSB/SSCAL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 25 8:49 2008

Vial: 44
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jun 25 08:27:34 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 248.93ng m

response 325408

ion	Exp%	Act%
101.00	100	100
103.00	58.90	66.25
0.00	0.00	0.00
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000432-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Intrument ID: HP5973P Calibration Dates(s): 06/10/2008 06/11/2008

Heated Purge (Y/N): N Calibration Times: 22:08 00:27

GC Column: ZB-624 ID: 0.25 (mm)

Lab File ID: RRF1 = P8281.RR RRF10 = P8283.RR
 RRF25 = P8284.RR RRF50 = P8285.RR RRF100 = P8286.RR

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
Chloromethane	0.599	0.516	0.487	0.478	0.474	0.5100	10.200
Bromomethane	0.216	0.184	0.181	0.173	0.152	0.1810	12.800
Vinyl chloride	0.458	0.423	0.402	0.399	0.401	0.4170	6.000
Chloroethane	0.248	0.223	0.217	0.199	0.196	0.2170	9.600
Methylene chloride	0.772	0.447	0.413	0.404	0.385	0.4840	33.600
Acetone	0.210	0.190	0.187	0.178	0.173	0.1880	7.500
Carbon Disulfide	1.111	1.185	1.127	1.101	1.086	1.1220	3.400
1,1-Dichloroethene	0.345	0.357	0.329	0.340	0.326	0.3390	3.600
1,1-Dichloroethane	0.833	0.814	0.777	0.771	0.731	0.7860	5.100
cis-1,2-Dichloroethene	0.405	0.405	0.394	0.392	0.370	0.3930	3.600
trans-1,2-Dichloroethene	0.388	0.371	0.357	0.359	0.340	0.3630	4.900
Chloroform	0.675	0.658	0.624	0.624	0.588	0.6340	5.300
1,2-Dichloroethane	0.680	0.659	0.636	0.636	0.602	0.6420	4.500
2-Butanone	0.332	0.330	0.328	0.323	0.315	0.3260	2.100
1,1,1-Trichloroethane	0.527	0.535	0.527	0.550	0.548	0.5370	2.000
Carbon Tetrachloride	0.342	0.389	0.388	0.430	0.442	0.3980	10.000
Vinyl acetate	0.925	1.022	1.022	0.991	0.914	0.9750	5.400
Bromodichloromethane	0.405	0.442	0.453	0.479	0.474	0.4510	6.600
1,2-Dichloropropane	0.470	0.484	0.469	0.470	0.440	0.4670	3.400
cis-1,3-Dichloropropene	0.452	0.539	0.558	0.584	0.576	0.5420	9.800
Trichloroethene	0.398	0.398	0.387	0.390	0.378	0.3900	2.200
Dibromochloromethane	0.280	0.324	0.358	0.392	0.405	0.3520	14.600
1,1,2-Trichloroethane	0.335	0.330	0.321	0.324	0.313	0.3250	2.600
Benzene	1.557	1.501	1.441	1.446	1.369	1.4630	4.800
trans-1,3-Dichloropropene	0.450	0.522	0.566	0.594	0.586	0.5440	10.900
Bromoform	0.306	0.353	0.428	0.491	0.528	0.4210	21.900
4-Methyl-2-pentanone	0.727	0.749	0.728	0.684	0.621	0.7020	7.300
2-Hexanone	0.470	0.521	0.505	0.466	0.410	0.4740	9.000
Tetrachloroethene	0.405	0.401	0.372	0.371	0.346	0.3790	6.300
1,1,2,2-Tetrachloroethane	1.012	0.994	1.004	1.035	0.994	1.0080	1.700
Toluene	1.042	1.014	0.976	0.991	0.945	0.9940	3.700
Chlorobenzene	1.171	1.117	1.100	1.107	1.057	1.1100	3.700
Ethylbenzene	1.773	1.853	1.785	1.803	1.698	1.7820	3.200
Styrene	1.042	1.194	1.182	1.188	1.107	1.1430	5.800
Total Xylenes	0.679	0.729	0.717	0.715	0.666	0.7010	3.900
1,1,2-Trichloro-1,2,2-trifl	0.361	0.369	0.331	0.322	0.318	0.3400	6.900
1,2,4-Trichlorobenzene	1.200	1.217	1.260	1.238	1.189	1.2210	2.300

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000432-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Intrument ID: HP5973P Calibration Dates(s): 06/10/2008 06/11/2008

Heated Purge (Y/N): N Calibration Times: 22:08 00:27

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID:	RRF1 = <u>P8281.RR</u>	RRF10 = <u>P8283.RR</u>
RRF25 = <u>P8284.RR</u>	RRF50 = <u>P8285.RR</u>	RRF100 = <u>P8286.RR</u>

COMPOUND	RRF1	RRF10	RRF25	RRF50	RRF100	AVG RRF	% RSD
1,2,4-Trimethylbenzene	2.706	2.916	2.933	2.941	2.828	2.8650	3.500
1,2-Dibromo-3-chloropropane	0.180	0.207	0.241	0.257	0.267	0.2310	15.800
1,2-Dibromoethane	0.422	0.410	0.413	0.425	0.415	0.4170	1.500
1,2-Dichlorobenzene	1.758	1.690	1.687	1.677	1.615	1.6850	3.000
1,3,5-Trimethylbenzene	2.640	2.873	2.895	2.899	2.788	2.8190	3.900
1,3-Dichlorobenzene	1.765	1.655	1.643	1.612	1.552	1.6460	4.700
1,4-Dichlorobenzene	1.881	1.674	1.685	1.685	1.616	1.7080	5.900
p-Cymene	2.579	2.865	2.921	2.959	2.884	2.8420	5.300
Cyclohexane	0.814	0.903	0.813	0.850	0.837	0.8440	4.400
Dichlorodifluoromethane	0.415	0.361	0.322	0.335	0.340	0.3550	10.300
Methyl acetate	0.863	0.775	0.744	0.721	0.695	0.7600	8.500
Naphthalene	3.288	3.725	3.965	3.878	3.834	3.7380	7.100
Trichlorofluoromethane	0.616	0.625	0.566	0.583	0.579	0.5940	4.300
n-Butylbenzene	2.412	2.629	2.706	2.729	2.614	2.6180	4.800
n-Propylbenzene	3.921	4.019	3.997	4.032	3.886	3.9710	1.600
sec-Butylbenzene	2.905	3.263	3.296	3.352	3.257	3.2140	5.500
Methyl-t-Butyl Ether (MTBE)	1.132	1.090	1.075	1.054	1.042	1.0790	3.300
tert-Butylbenzene	0.507	0.563	0.574	0.589	0.570	0.5610	5.600
Isopropylbenzene	3.042	3.333	3.403	3.413	3.285	3.2950	4.600
Methylcyclohexane	0.473	0.532	0.493	0.511	0.497	0.5010	4.300
=====							
Toluene-D8	1.573	1.423	1.321	1.350	1.307	1.3950	7.800
p-Bromofluorobenzene	0.503	0.447	0.407	0.429	0.414	0.4400	8.800
1,2-Dichloroethane-D4	0.574	0.508	0.447	0.465	0.459	0.4910	10.600

Comments:

Response Factor Report HP5973 P

11 out, with NOT
go LINEAR

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 01:03:41 2008
 Response via : Initial Calibration

8260 5ML
(A8I...0432)

Calibration Files
 1 =P8281.D 2 =P8283.D 3 =P8284.D
 4 =P8285.D 5 =P8286.D

Compound	1	2	3	4	5	Avg	%RSD
1) I CI10 1,4-Difluoroben	-----ISTD-----						
2) T C290 Dichlorodifluor	0.415	0.361	0.322	0.335	0.340	0.355	10.32
3) T C010 Chloromethane	0.599	0.516	0.487	0.478	0.474	0.510	10.21
4) T C020 Vinyl chloride	0.458	0.423	0.402	0.399	0.401	0.417	6.03
5) T C015 Bromomethane	0.216	0.184	0.181	0.173	0.152	0.181	12.79
6) T C025 Chloroethane	0.248	0.223	0.217	0.199	0.196	0.217	9.57
7) T C275 Trichlorofluoro	0.616	0.625	0.566	0.583	0.579	0.594	4.28
8) T C045 1,1-Dichloroeth	0.345	0.357	0.329	0.340	0.326	0.339	3.65
9) T C030 Methylene chlor	0.772	0.447	0.413	0.403	0.385	-----	
					L M=	0.381	R^2=1.000
					B=	0.029	
10) T C040 Carbon disulfid	1.111	1.185	1.127	1.101	1.086	1.122	3.42
11) T C036 Acrolein	0.013	0.006	0.006	0.009	0.011	0.009	33.40 - will not go LINEAR
12) T C038 Acrylonitrile	0.262	0.266	0.264	0.257	0.253	0.261	2.06
13) T C035 Acetone	0.210	0.190	0.187	0.178	0.173	0.188	7.49
14) T C300 Acetonitrile	0.092	0.093	0.091	0.086	0.083	0.089	4.64
15) T C276 Iodomethane	0.600	0.614	0.593	0.588	0.581	0.595	2.17
16) T C291 1,1,2 Trichloro	0.361	0.369	0.331	0.322	0.318	0.340	6.88
17) T C962 T-butyl Methyl	1.132	1.090	1.075	1.054	1.042	1.079	3.26
18) T C057 trans-1,2-Dichl	0.387	0.371	0.357	0.359	0.340	0.363	4.86
19) T C255 Methyl Acetate	0.863	0.775	0.744	0.721	0.695	0.760	8.53
20) T C050 1,1-Dichloroeth	0.833	0.814	0.777	0.771	0.731	0.785	5.07
21) T C125 Vinyl Acetate	0.925	1.022	1.022	0.990	0.914	0.975	5.35
22) T C051 2,2-Dichloropro	0.421	0.436	0.426	0.434	0.431	0.430	1.41
23) T C056 cis-1,2-Dichlor	0.405	0.405	0.394	0.392	0.370	0.393	3.60
24) T C272 Tetrahydrofuran	0.218	0.214	0.212	0.200	0.191	0.207	5.45
25) T C222 Bromochlorometh	0.197	0.201	0.196	0.197	0.191	0.197	1.74
26) T C060 Chloroform	0.675	0.658	0.624	0.624	0.588	0.634	5.32
27) T C115 1,1,1-Trichloro	0.527	0.534	0.527	0.550	0.548	0.537	2.04
28) T C120 Carbon tetrachl	0.342	0.389	0.387	0.430	0.442	0.398	9.95
29) T C116 1,1-Dichloropro	0.483	0.495	0.459	0.476	0.458	0.474	3.34
30) S CS87 Dibromofluorome	0.391	0.352	0.324	0.339	0.333	0.348	7.52
31) S CS15 1,2-Dichloroeth	0.574	0.508	0.447	0.465	0.459	0.491	10.56
32) T C165 Benzene	1.557	1.501	1.441	1.446	1.369	1.463	4.82
33) T C065 1,2-Dichloroeth	0.680	0.659	0.636	0.636	0.602	0.642	4.52
34) T C110 2-Butanone	0.332	0.330	0.328	0.323	0.315	0.326	2.07
35) T C256 Cyclohexane	0.814	0.903	0.813	0.850	0.837	0.843	4.36
36) T C150 Trichloroethene	0.398	0.398	0.387	0.390	0.378	0.390	2.16
37) T C140 1,2-Dichloropro	0.470	0.484	0.469	0.470	0.440	0.467	3.40
38) T C278 Dibromomethane	0.258	0.254	0.255	0.253	0.249	0.254	1.32
39) T C130 Bromodichlorome	0.405	0.441	0.453	0.479	0.474	0.450	6.58
40) T C161 2-Chloroethylvi	0.313	0.348	0.345	0.334	0.313	0.330	5.18
41) T C012 Methylcyclohexa	0.473	0.532	0.493	0.511	0.497	0.501	4.32
42) T C145 cis-1,3-Dichlor	0.452	0.539	0.558	0.584	0.576	0.542	9.85
43) I CI20 Chlorobenzene-D	-----ISTD-----						
44) S CS05 Toluene-D8	1.573	1.423	1.321	1.350	1.307	1.395	7.84
45) T C230 Toluene	1.042	1.014	0.976	0.991	0.945	0.994	3.70
46) T C170 trans-1,3-Dichl	0.450	0.522	0.566	0.594	0.586	0.544	10.91
47) T C284 Ethyl Methacryl	0.411	0.535	0.561	0.573	0.567	0.529	12.77
48) T C160 1,1,2-Trichloro	0.335	0.330	0.321	0.324	0.313	0.325	2.62

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef

(#) = Out of Range

Response Factor Report HP5973 P

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 01:03:41 2008
 Response via : Initial Calibration

Calibration Files

1 =P8281.D 2 =P8283.D 3 =P8284.D
 4 =P8285.D 5 =P8286.D

		Compound	1	2	3	4	5	Avg	%RSD	
49)	T	C210 4-Methyl-2-pent	0.727	0.749	0.728	0.684	0.621	0.702	7.29	
50)	T	C220 Tetrachloroethe	0.405	0.401	0.372	0.371	0.346	0.379	6.34	
51)	T	C221 1,3-Dichloropro	0.669	0.663	0.639	0.626	0.576	0.635	5.84	
52)	T	C155 Dibromochlorome	0.280	0.324	0.358	0.392	0.405	0.352	14.57	
53)	T	C163 1,2-Dibromoetha	0.422	0.410	0.413	0.425	0.415	0.417	1.51	
54)	T	C215 2-Hexanone	0.470	0.521	0.505	0.465	0.410	0.474	8.99	
55)	T	C235 Chlorobenzene	1.171	1.117	1.100	1.107	1.057	1.110	3.71	
56)	T	C281 1,1,1,2-Tetrach	0.294	0.337	0.351	0.369	0.363	0.343	8.76	
57)	T	C240 Ethylbenzene	1.773	1.853	1.785	1.803	1.698	1.782	3.16	
58)	T	C246 m,p-Xylene	0.681	0.720	0.695	0.694	0.650	0.688	3.68	
59)	T	C247 o-Xylene	0.679	0.729	0.717	0.715	0.666	0.701	3.91	
60)	T	C245 Styrene	1.041	1.194	1.182	1.188	1.107	1.143	5.83	
61)	S	CS10 p-Bromofluorobe	0.503	0.447	0.407	0.429	0.414	0.440	8.77	
62)	I	CI30 1,4-Dichloroben	-----ISTD-----							
63)	T	C180 Bromoform	0.306	0.353	0.428	0.491	0.528	-----		
			L M= 0.540 R^2=0.997							
			B= -0.075							
64)	T	C966 Isopropylbenzen	3.042	3.333	3.403	3.413	3.285	3.295	4.58	
65)	T	C301 Bromobenzene	0.883	0.846	0.850	0.857	0.814	0.850	2.89	
66)	T	C225 1,1,2,2-Tetrach	1.012	0.994	1.004	1.035	0.994	1.008	1.68	
67)	T	C282 1,2,3-Trichloro	0.338	0.311	0.315	0.304	0.291	0.312	5.56	
68)	T	C283 t-1,4-Dichloro-	0.146	0.152	0.159	0.152	0.139	0.150	5.06	
69)	T	C302 n-Propylbenzene	3.921	4.019	3.997	4.032	3.886	3.971	1.61	
70)	T	C303 2-Chlorotoluene	0.810	0.831	0.858	0.859	0.821	0.836	2.66	
71)	T	C289 4-Chlorotoluene	0.809	0.850	0.875	0.868	0.832	0.847	3.14	
72)	T	C304 1,3,5-Trimethyl	2.640	2.873	2.895	2.899	2.788	2.819	3.89	
73)	T	C306 tert-Butylbenze	0.507	0.563	0.574	0.589	0.570	0.561	5.65	
74)	T	C307 1,2,4-Trimethyl	2.706	2.916	2.933	2.941	2.828	2.865	3.48	
75)	T	C308 sec-Butylbenzen	2.905	3.263	3.296	3.352	3.257	3.214	5.51	
76)	T	C260 1,3-Dichloroben	1.765	1.655	1.643	1.612	1.552	1.646	4.73	
77)	T	C309 4-Isopropyltolu	2.579	2.865	2.921	2.959	2.884	2.842	5.32	
78)	T	C267 1,4-Dichloroben	1.880	1.674	1.685	1.685	1.616	1.708	5.89	
79)	T	C249 1,2-Dichloroben	1.758	1.690	1.686	1.677	1.615	1.685	3.01	
80)	T	C310 n-Butylbenzene	2.412	2.629	2.706	2.729	2.614	2.618	4.77	
81)	T	C286 1,2-Dibromo-3-C	0.180	0.207	0.241	0.257	0.267	-----		
			L M= 0.271 R^2=0.999							
			B= -0.022							
82)	T	C313 1,2,4-Trichloro	1.200	1.217	1.260	1.238	1.189	1.221	2.35	
83)	T	C316 Hexachlorobutad	0.418	0.409	0.403	0.413	0.404	0.410	1.48	
84)	T	C314 Naphthalene	3.288	3.725	3.965	3.878	3.833	3.738	7.12	
85)	T	C934 1,2,3-Trichloro	1.174	1.155	1.207	1.168	1.135	1.167	2.27	

Total Average %RSD 5.65□□

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef

(#) = Out of Range

Date: 06/11/2008
Time: 01:16:26

ICC Profile

Page: 1
Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D)
Fraction: MV

No of Points: 5 Default Min. RRF: 0.3000
CCC Conc: 125.00

QC Approver: LH
QC Date: 03/17/2008

Comments:

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	
2	123-91-1	1,4-Dioxane	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
7	77-73-6	Dicyclopentadiene	5.0000	50.0000	125.0000	250.0000	500.0000
8	526-73-8	1,2,3-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
15	994-05-8	tert-Amyl Methyl Ether (TAME)	5.0000	50.0000	125.0000	250.0000	500.0000
18	67-64-1	Acetone	25.0000	250.0000	625.0000	1250.0000	2500.0000
20	71-43-2	Benzene	5.0000	50.0000	125.0000	250.0000	500.0000
25	637-92-3	Ethyl-t-butyl ether (ETBE)	5.0000	50.0000	125.0000	250.0000	500.0000
30	108-86-1	Bromobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
40	74-97-5	Bromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
50	75-27-4	Bromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
51	108-70-3	1,3,5-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
60	75-25-2	Bromoform	5.0000	50.0000	125.0000	250.0000	500.0000
70	74-83-9	Bromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
88	78-93-3	2-Butanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
90	104-51-8	n-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
91	107-12-0	Propionitrile	50.0000	500.0000	1250.0000	2500.0000	5000.0000
92	126-98-7	Methacrylonitrile	5.0000	50.0000	125.0000	250.0000	500.0000
93	108-20-3	Isopropyl Ether (DIPE)	5.0000	50.0000	125.0000	250.0000	500.0000
94	78-83-1	Isobutanol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
95	71-36-3	n-Butyl alcohol	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
96	108-41-8	m-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
97	108-94-1	Cyclohexanone	50.0000	500.0000	1250.0000	2500.0000	5000.0000
98	76-01-7	Pentachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
99	75-65-0	tert-Butyl Alcohol (TBA)	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
100	135-98-8	sec-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
101	79-20-9	Methyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
102	110-82-7	Cyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
103	108-87-2	Methylcyclohexane	5.0000	50.0000	125.0000	250.0000	500.0000
104	98-56-6	p-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
105	98-15-7	m-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
106	88-16-4	o-Monochlorobenzotrifluoride	5.0000	50.0000	125.0000	250.0000	500.0000
110	98-06-6	tert-Butylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
111	106-89-8	Epichlorohydrin	25.0000	250.0000	625.0000	1250.0000	2500.0000
112	79-46-9	2-Nitropropane	25.0000	250.0000	625.0000	1250.0000	2500.0000
114	TOTALVOA	Total Volatile Organic Compoun	5.0000	50.0000	125.0000	250.0000	500.0000
120	554-14-3	2-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
121	616-44-4	3-Methyl Thiophene	5.0000	50.0000	125.0000	250.0000	500.0000
128	75-15-0	Carbon Disulfide	5.0000	50.0000	125.0000	250.0000	500.0000
130	56-23-5	Carbon Tetrachloride	5.0000	50.0000	125.0000	250.0000	500.0000
140	108-90-7	Chlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
145	104-76-7	2-Ethyl-1-hexanol	50.0000	500.0000	1250.0000	2500.0000	5000.0000
150	75-00-3	Chloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
160	67-66-3	Chloroform	5.0000	50.0000	125.0000	250.0000	500.0000
170	74-87-3	Chloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
180	95-49-8	o-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
190	106-43-4	p-Chlorotoluene	5.0000	50.0000	125.0000	250.0000	500.0000
200	124-48-1	Dibromochloromethane	5.0000	50.0000	125.0000	250.0000	500.0000

Date: 06/11/2008
Time: 01:16:26

ICC Profile

Page: 2
Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 Low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq	Parameter	ng On Column				
		Point 1	Point 2	Point 3	Point 4	Point 5
201	110-54-3 Hexane	5.0000	50.0000	125.0000	250.0000	500.0000
202	142-82-5 Heptane	5.0000	50.0000	125.0000	250.0000	500.0000
203	534-15-6 1,1-Dimethoxyethane	25.0000	250.0000	625.0000	1250.0000	2500.0000
204	75-56-9 Propylene Oxide	25.0000	250.0000	625.0000	1250.0000	2500.0000
210	96-12-8 1,2-Dibromo-3-chloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
220	106-93-4 1,2-Dibromoethane	5.0000	50.0000	125.0000	250.0000	500.0000
230	74-95-3 Dibromomethane	5.0000	50.0000	125.0000	250.0000	500.0000
240	95-50-1 1,2-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
250	541-73-1 1,3-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
260	106-46-7 1,4-Dichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
270	75-71-8 Dichlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
280	75-34-3 1,1-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
290	107-06-2 1,2-Dichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
300	75-35-4 1,1-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
307	109-99-9 Tetrahydrofuran	25.0000	250.0000	625.0000	1250.0000	2500.0000
310	156-59-2 cis-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
320	156-60-5 trans-1,2-Dichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
330	78-87-5 1,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
340	142-28-9 1,3-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
350	594-20-7 2,2-Dichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
360	563-58-6 1,1-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
370	10061-01-5 cis-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
380	10061-02-6 trans-1,3-Dichloropropene	5.0000	50.0000	125.0000	250.0000	500.0000
390	100-41-4 Ethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
410	87-68-3 Hexachlorobutadiene	5.0000	50.0000	125.0000	250.0000	500.0000
418	591-78-6 2-Hexanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
420	98-82-8 Isopropylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
430	99-87-6 p-Cymene	5.0000	50.0000	125.0000	250.0000	500.0000
440	75-09-2 Methylene chloride	5.0000	50.0000	125.0000	250.0000	500.0000
458	108-10-1 4-Methyl-2-pentanone	25.0000	250.0000	625.0000	1250.0000	2500.0000
460	91-20-3 Naphthalene	5.0000	50.0000	125.0000	250.0000	500.0000
470	103-65-1 n-Propylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
480	100-42-5 Styrene	5.0000	50.0000	125.0000	250.0000	500.0000
490	630-20-6 1,1,1,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
500	79-34-5 1,1,2,2-Tetrachloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
510	127-18-4 Tetrachloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
520	108-88-3 Toluene	5.0000	50.0000	125.0000	250.0000	500.0000
530	87-61-6 1,2,3-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
540	120-82-1 1,2,4-Trichlorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
550	71-55-6 1,1,1-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
560	79-00-5 1,1,2-Trichloroethane	5.0000	50.0000	125.0000	250.0000	500.0000
570	79-01-6 Trichloroethene	5.0000	50.0000	125.0000	250.0000	500.0000
580	75-69-4 Trichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
590	96-18-4 1,2,3-Trichloropropane	5.0000	50.0000	125.0000	250.0000	500.0000
600	95-63-6 1,2,4-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
610	108-67-8 1,3,5-Trimethylbenzene	5.0000	50.0000	125.0000	250.0000	500.0000
620	75-01-4 Vinyl chloride	5.0000	50.0000	125.0000	250.0000	500.0000
630	1330-20-7 Total Xylenes	15.0000	150.0000	375.0000	750.0000	1500.0000
646	SU107-06-2 1,2-Dichloroethane-D4	5.0000	50.0000	125.0000	250.0000	500.0000
648	2037-26-5 Toluene-D8	5.0000	50.0000	125.0000	250.0000	500.0000
650	460-00-4 p-Bromofluorobenzene	5.0000	50.0000	125.0000	250.0000	500.0000
660	SU95-50-1 1,2-Dichlorobenzene-d4	5.0000	50.0000	125.0000	250.0000	500.0000

Date: 06/11/2008

ICC Profile

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Time: 01:16:26

Rept: AN0287R

ICC Profile Code: A00263 METHOD 8260 low 5ML PURGE (30% RSD/ 20% D) (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	
670	SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
680	3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
690	540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
700	462-06-6	Fluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
800	1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	50.0000	125.0000	250.0000	500.0000
805	75-43-4	Dichlorofluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
810	594-18-3	Dibromodichloromethane	5.0000	50.0000	125.0000	250.0000	500.0000
815	107-02-8	Acrolein	100.0000	1250.0000	2500.0000	5000.0000	10000.0000
820	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	50.0000	125.0000	250.0000	500.0000
825	107-13-1	Acrylonitrile	25.0000	250.0000	625.0000	1250.0000	2500.0000
830	80-62-6	Methyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
840	540-59-0	1,2-Dichloroethene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
850	M/P XYLENE	m/p-Xylenes	10.0000	100.0000	250.0000	500.0000	1000.0000
860	95-47-6	o-Xylene	5.0000	50.0000	125.0000	250.0000	500.0000
870	108-05-4	Vinyl acetate	25.0000	250.0000	625.0000	1250.0000	2500.0000
880	110-75-8	2-Chloroethylvinyl ether	25.0000	250.0000	625.0000	1250.0000	2500.0000
890	110-57-6	trans-1,4-Dichloro-2-butene	25.0000	250.0000	625.0000	1250.0000	2500.0000
900	74-88-4	Iodomethane	5.0000	50.0000	125.0000	250.0000	500.0000
910	97-63-2	Ethyl methacrylate	5.0000	50.0000	125.0000	250.0000	500.0000
920	75-45-6	Chlorodifluoromethane	5.0000	50.0000	125.0000	250.0000	500.0000
930	544-10-5	1-Chlorohexane	5.0000	50.0000	125.0000	250.0000	500.0000
935	106-99-0	1,3-Butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
940	75-05-8	Acetonitrile	200.0000	2000.0000	5000.0000	10000.0000	20000.0000
950	60-29-7	Ethyl ether	5.0000	50.0000	125.0000	250.0000	500.0000
951	108-38-3	m-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
952	106-42-3	p-Xylene	10.0000	100.0000	250.0000	500.0000	1000.0000
962	542-75-6	1,3-Dichloropropene (Total)	10.0000	100.0000	250.0000	500.0000	1000.0000
972	64-17-5	Ethanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000
982	141-78-6	Ethyl acetate	5.0000	50.0000	125.0000	250.0000	500.0000
992	107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	50.0000	125.0000	250.0000	500.0000
993	126-99-8	2-Chloro-1,3-butadiene	5.0000	50.0000	125.0000	250.0000	500.0000
994	54-28-81TIC	Bis(chloromethyl) ether (VOA T	5.0000	50.0000	125.0000	250.0000	500.0000
***	67-63-0	2-Propanol	100.0000	1000.0000	2500.0000	5000.0000	10000.0000

Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8281.D
 Acq On : 10 Jun 2008 22:08
 Sample : VSTD001
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 00:55:52 2008

Vial: 15
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 SML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\P\061008\P8284.D (10 Jun 2008 23:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	807521	125.00	ng	0.00	100.49%
43) CI20 Chlorobenzene-D5	13.54	117	714070	125.00	ng	0.00	96.93%
62) CI30 1,4-Dichlorobenzene-	16.91	152	380592	125.00	ng	0.00	98.45%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.75	111	12622	5.62	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	4.50%#	
31) CS15 1,2-Dichloroethane-D	9.19	65	18529	5.85	ng	0.00	
Spiked Amount	125.000	Range	66 - 137	Recovery	=	4.68%#	
44) CS05 Toluene-D8	11.57	98	44930	5.64	ng	0.00	
Spiked Amount	125.000	Range	71 - 126	Recovery	=	4.51%#	
61) CS10 p-Bromofluorobenzene	15.20	174	14381	5.72	ng	0.00	
Spiked Amount	125.000	Range	73 - 120	Recovery	=	4.58%#	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	3.86	85	13417m	5.93	ng	81
3) C010 Chloromethane	4.15	50	19343	5.87	ng	98
4) C020 Vinyl chloride	4.39	62	14794	5.50	ng	99
5) C015 Bromomethane	4.89	94	6978	5.96	ng	99
6) C025 Chloroethane	5.03	64	7996	5.72	ng	90
7) C275 Trichlorofluorometha	5.46	101	19901m	8.50	ng	93
8) C045 1,1-Dichloroethene	6.12	96	11158	5.09	ng	94
9) C030 Methylene chloride	6.69	84	24936	7.97	ng	# 83
10) C040 Carbon disulfide	6.47	76	35900	4.95	ng	97
11) C036 Acrolein	5.99	56	8249m	172.98	ng	# 17
12) C038 Acrylonitrile	6.95	53	42391	25.18	ng	94
13) C035 Acetone	6.12	43	33879	27.94	ng	96
14) C300 Acetonitrile	6.47	41	118645	206.19	ng	96
15) C276 Iodomethane	6.35	142	19396	5.04	ng	94
16) C291 1,1,2 Trichloro-1,2,	6.11	101	11654	5.31	ng	91
17) C962 T-butyl Methyl Ether	6.99	73	36576m	5.95	ng	# 8
18) C057 trans-1,2-Dichloroet	7.02	96	12516	5.34	ng	# 80
19) C255 Methyl Acetate	6.50	43	27875	5.68	ng	# 82
20) C050 1,1-Dichloroethane	7.53	63	26919	5.30	ng	97
21) C125 Vinyl Acetate	7.50	43	149442	23.73	ng	# 90
22) C051 2,2-Dichloropropane	8.24	77	13605	4.90	ng	87
23) C056 cis-1,2-Dichloroethe	8.21	96	13069	5.15	ng	# 87
24) C272 Tetrahydrofuran	8.57	42	35236	26.34	ng	# 82
25) C222 Bromochloromethane	8.50	128	6358	5.01	ng	# 90
26) C060 Chloroform	8.55	83	21805	5.32	ng	93
27) C115 1,1,1-Trichloroethan	8.85	97	17024	4.90	ng	90
28) C120 Carbon tetrachloride	9.07	117	11041	4.30	ng	100
29) C116 1,1-Dichloropropene	9.03	75	15602	5.09	ng	86
32) C165 Benzene	9.30	78	50277	5.32	ng	99

(#) = qualifier out of range (m) = manual integration
 P8281.D A8I0000432.M Wed Jun 11 01:02:40 2008

HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8281.D
 Acq On : 10 Jun 2008 22:08
 Sample : VSTD001
 Misc :

Vial: 15
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 11 00:55:52 2008

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C065	1,2-Dichloroethane	9.28	62	21950	5.29 ng	84
34) C110	2-Butanone	8.17	43	53691	25.53 ng	# 79
35) C256	Cyclohexane	8.95	56	26303	4.83 ng	# 74
36) C150	Trichloroethene	10.05	95	12857	5.10 ng	90
37) C140	1,2-Dichloropropane	10.33	63	15182	5.04 ng	92
38) C278	Dibromomethane	10.49	93	8331	5.08 ng	97
39) C130	Bromodichloromethane	10.64	83	13087	4.50 ng	99
40) C161	2-Chloroethylvinyl E	10.93	63	50474	23.64 ng	93
41) C012	Methylcyclohexane	10.33	83	15289	4.72 ng	85
42) C145	cis-1,3-Dichloroprop	11.20	75	14589	4.17 ng	91
45) C230	Toluene	11.66	92	29760	5.24 ng	97
46) C170	trans-1,3-Dichloropr	11.88	75	12846	4.14 ng	94
47) C284	Ethyl Methacrylate	11.91	69	11753	3.89 ng	# 41
48) C160	1,1,2-Trichloroethan	12.14	83	9579	5.17 ng	92
49) C210	4-Methyl-2-pentanone	11.32	43	103867	25.90 ng	94
50) C220	Tetrachloroethene	12.41	166	11562	5.34 ng	97
51) C221	1,3-Dichloropropane	12.39	76	19111	5.27 ng	99
52) C155	Dibromochloromethane	12.73	129	7992	3.98 ng	98
53) C163	1,2-Dibromoethane	12.93	107	12049	5.06 ng	86
54) C215	2-Hexanone	12.41	43	67172	24.79 ng	95
55) C235	Chlorobenzene	13.59	112	33458	5.27 ng	96
56) C281	1,1,1,2-Tetrachloroe	13.66	131	8397	4.29 ng	94
57) C240	Ethylbenzene	13.69	91	50635	4.97 ng	96
58) C246	m,p-Xylene	13.84	106	38902	9.90 ng	98
59) C247	o-Xylene	14.43	106	19380	4.84 ng	97
60) C245	Styrene	14.44	104	29748	4.56 ng	92
63) C180	Bromoform	14.76	173	4661	3.63 ng	97
64) C966	Isopropylbenzene	14.93	105	46306	4.62 ng	93
65) C301	Bromobenzene	15.47	156	13443	5.19 ng	# 81
66) C225	1,1,2,2-Tetrachloroe	15.33	83	15403	5.02 ng	93
67) C282	1,2,3-Trichloropropa	15.44	110	5144	5.42 ng	100
68) C283	t-1,4-Dichloro-2-But	15.40	51	11100	24.36 ng	# 71
69) C302	n-Propylbenzene	15.53	91	59692	4.94 ng	88
70) C303	2-Chlorotoluene	15.72	126	12331	4.85 ng	100
71) C289	4-Chlorotoluene	15.87	126	12322	4.78 ng	100
72) C304	1,3,5-Trimethylbenze	15.76	105	40189	4.68 ng	# 44
73) C306	tert-Butylbenzene	16.27	134	7714	4.52 ng	100
74) C307	1,2,4-Trimethylbenze	16.34	105	41194	4.72 ng	95
75) C308	sec-Butylbenzene	16.60	105	44218	4.52 ng	97
76) C260	1,3-Dichlorobenzene	16.83	146	26874	5.36 ng	91
77) C309	4-Isopropyltoluene	16.79	119	39262	4.54 ng	96
78) C267	1,4-Dichlorobenzene	16.95	146	28628	5.50 ng	96
79) C249	1,2-Dichlorobenzene	17.53	146	26764	5.22 ng	97
80) C310	n-Butylbenzene	17.41	91	36725	4.61 ng	89
81) C286	1,2-Dibromo-3-Chloro	18.68	75	2742	3.91 ng	89
82) C313	1,2,4-Trichlorobenze	19.96	180	18264	4.91 ng	91
83) C316	Hexachlorobutadiene	20.17	225	6358	5.10 ng	87
84) C314	Naphthalene	20.36	128	50057	4.40 ng	94
85) C934	1,2,3-Trichlorobenze	20.75	180	17866	5.03 ng	85

(#) = qualifier out of range (m) = manual integration

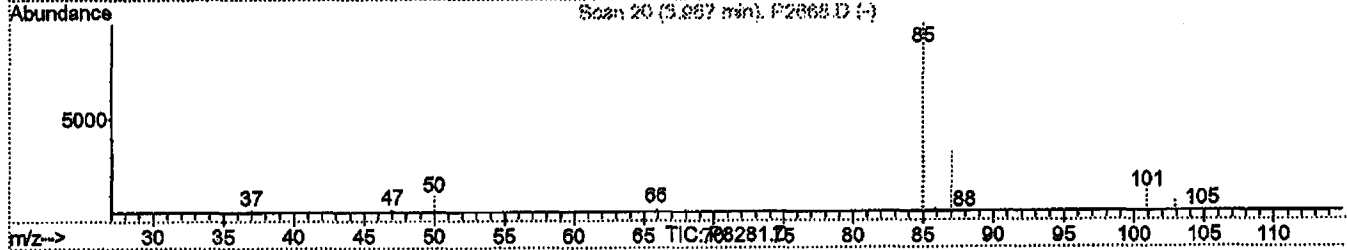
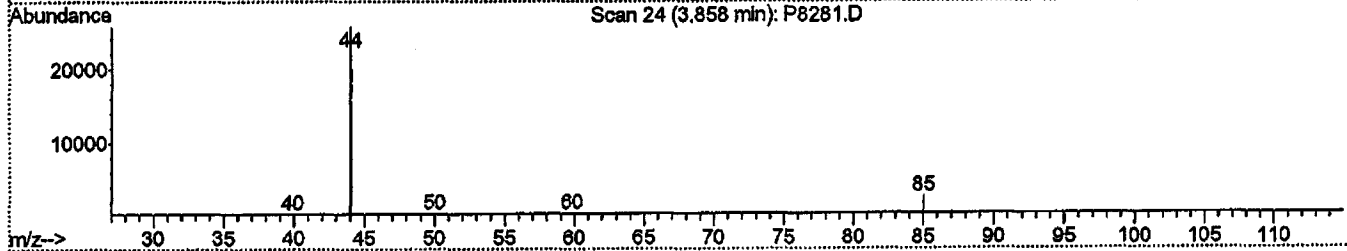
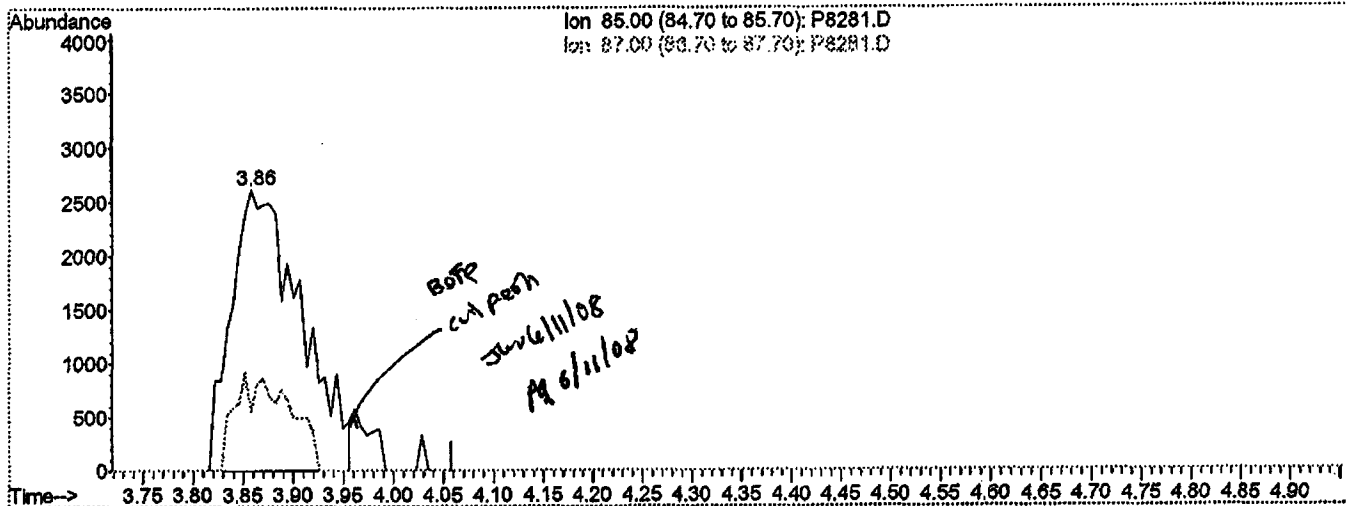
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8281.D
 Acq On : 10 Jun 2008 22:08
 Sample : VSTD001
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 1:01 2008

Vial: 15
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A810000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(2) C290 Dichlorodifluoromethane (T)

3.86min 5.60ng

response 12659

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	20.88
0.00	0.00	0.00
0.00	0.00	0.00

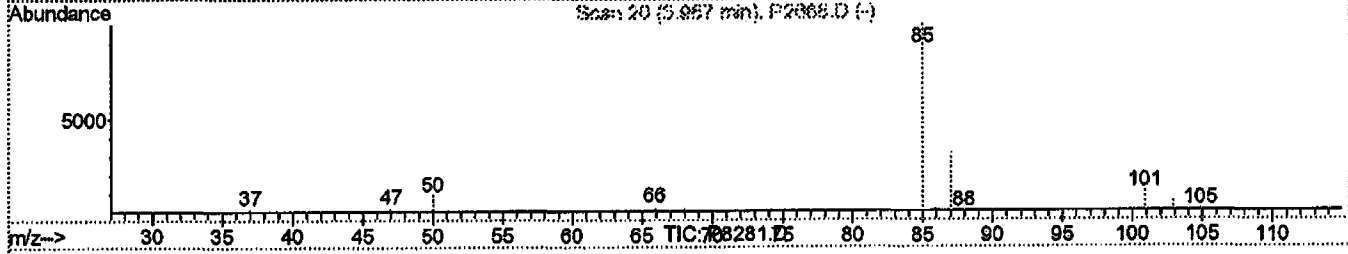
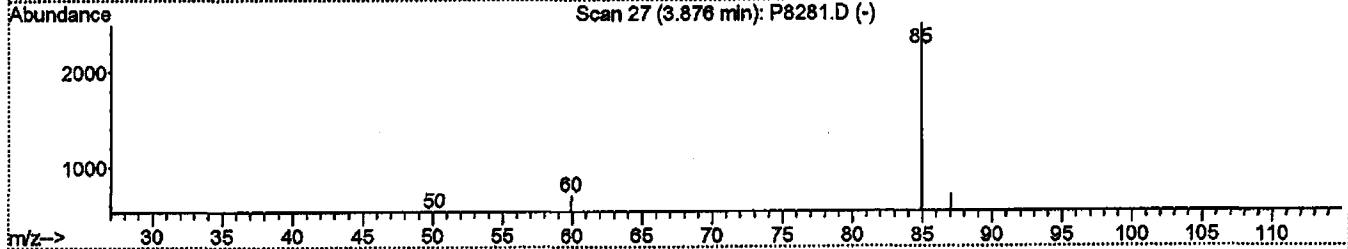
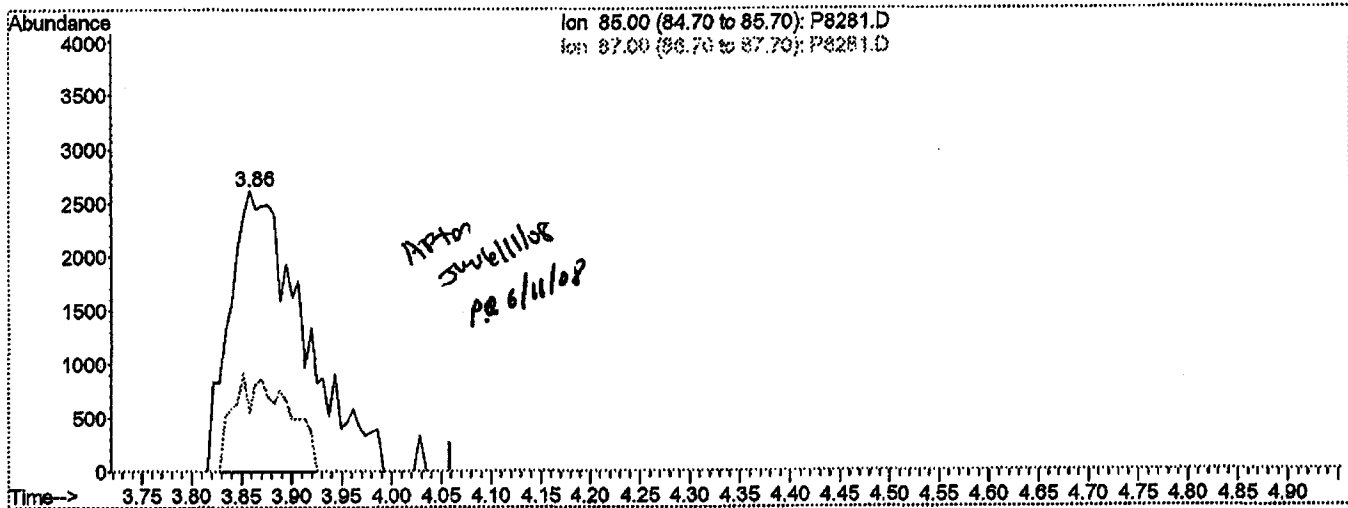
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\p\061008\p8281.D
 Acq On : 10 Jun 2008 22:08
 Sample : VSTD001
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 1:02 2008

Vial: 15
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(2) C290 Dichlorodifluoromethane (T)

3.86min 5.93ng m

response 13417

Ion	Exp%	Act%
85.00	100	100
87.00	31.20	20.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

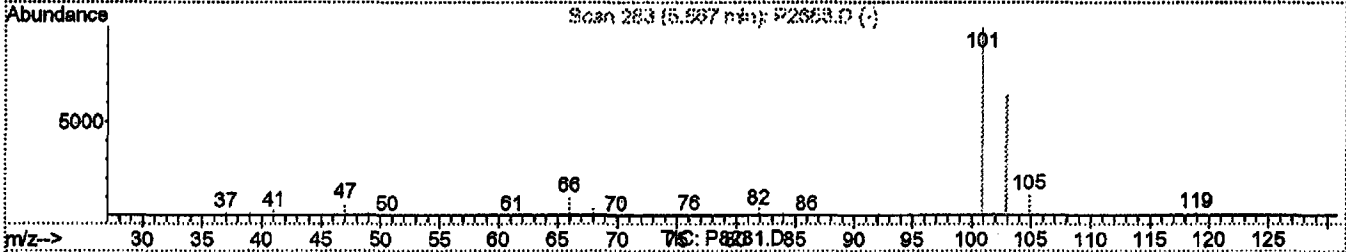
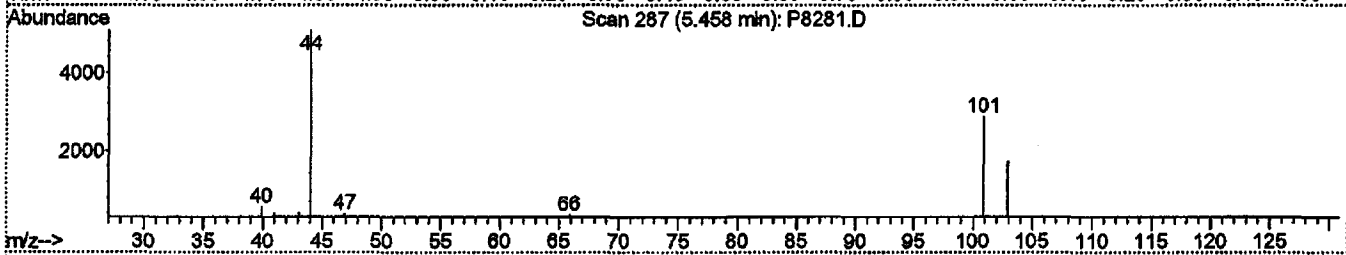
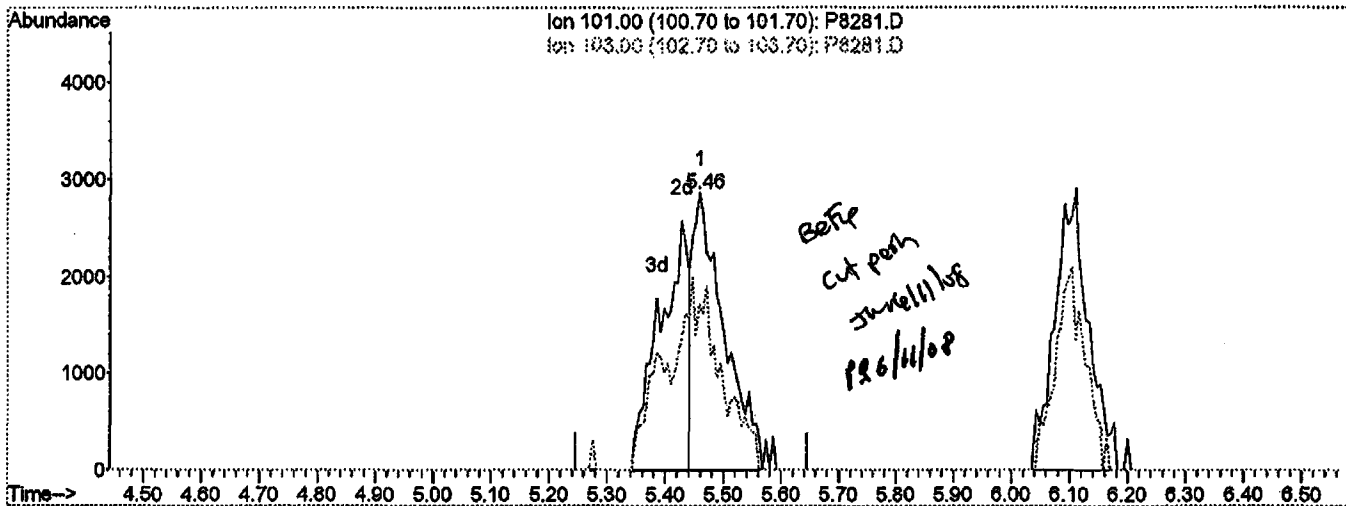
Data File : H:\GCMS_VOA\P\061008\P8281.D
 Acq On : 10 Jun 2008 22:08
 Sample : VSTD001
 Misc :

Vial: 15
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 11 0:55 2008

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.46min 4.62ng

response 10830

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	60.03
0.00	0.00	0.00
0.00	0.00	0.00

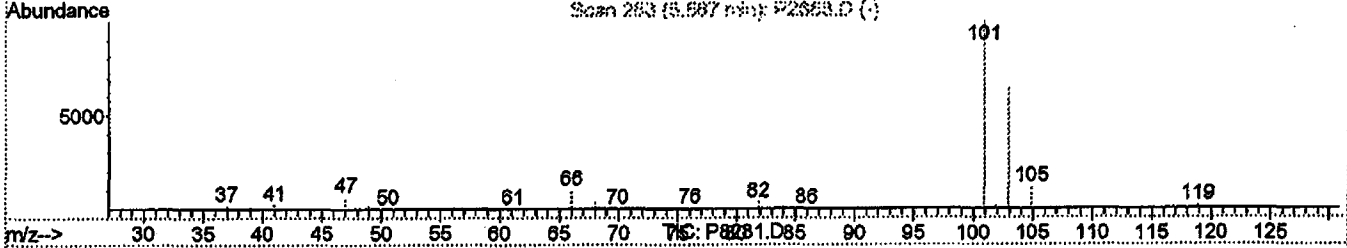
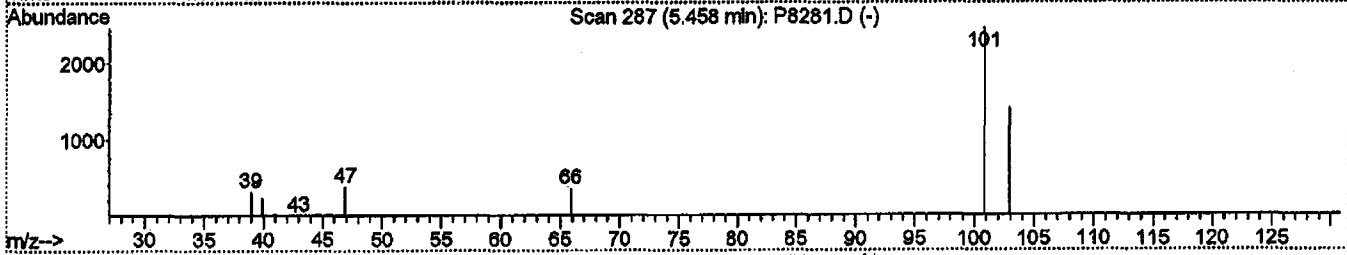
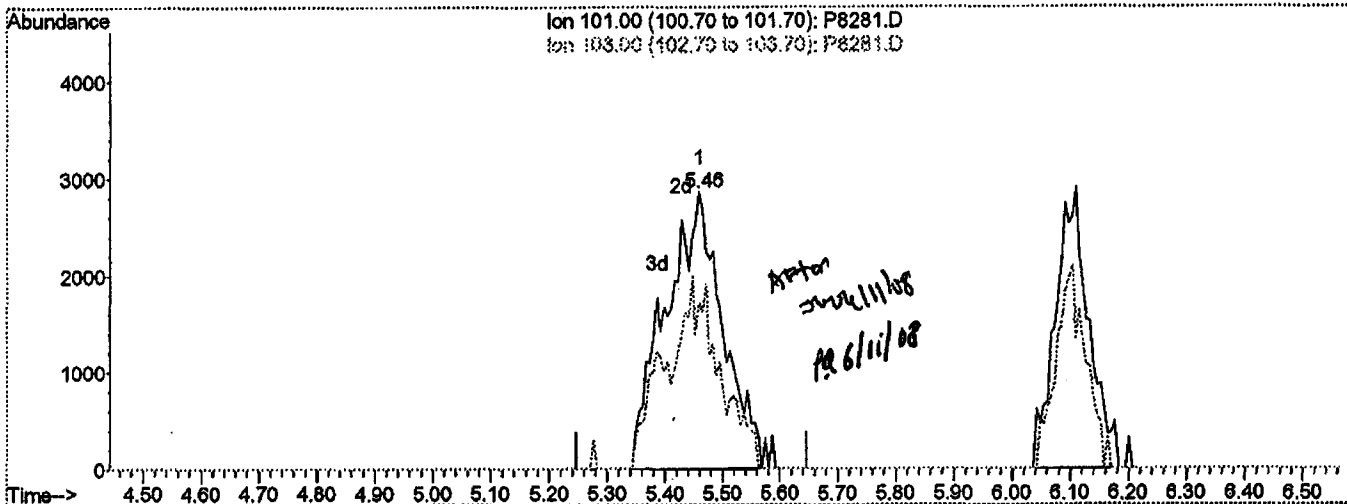
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\p\061008\P8281.D
 Acq On : 10 Jun 2008 22:08
 Sample : VSTD001
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 1:00 2008

Vial: 15
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.46min 8.50ng m

response 19901

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	60.03
0.00	0.00	0.00
0.00	0.00	0.00

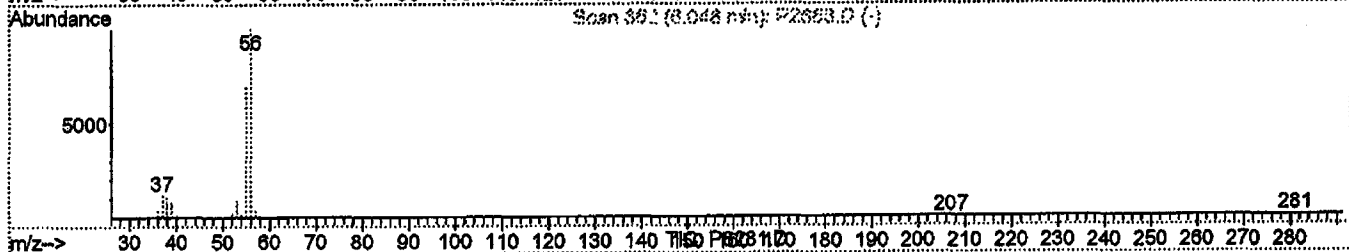
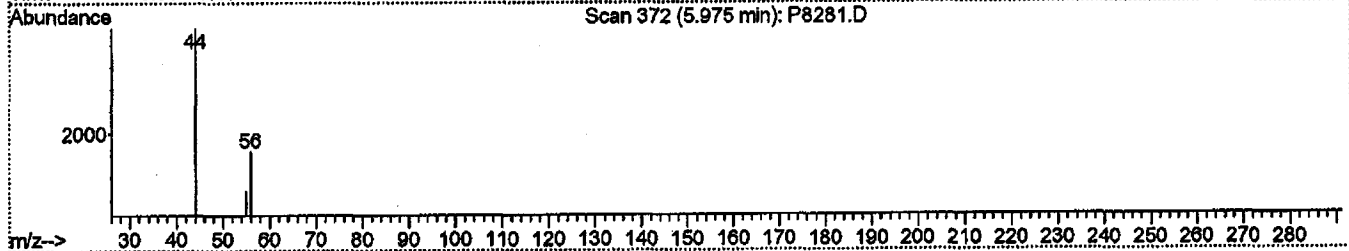
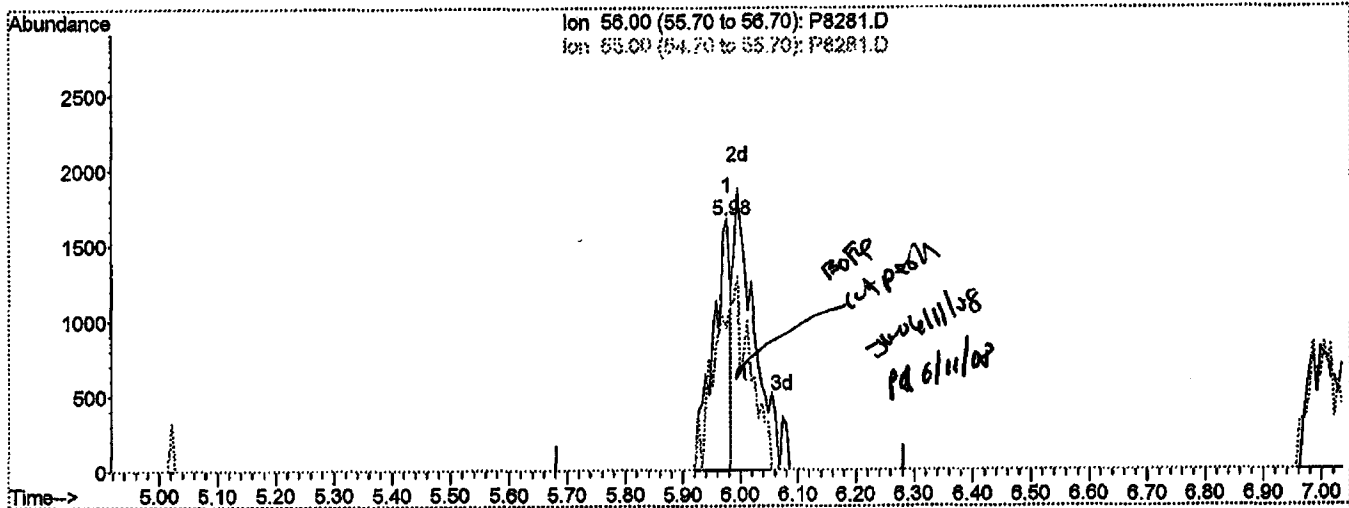
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8281.D
 Acq On : 10 Jun 2008 22:08
 Sample : VSTD001
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 1:00 2008

Vial: 15
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(11) C036 Acrolein (T)

5.98min 71.53ng

response 3411

Ion	Exp%	Act%
56.00	100	100
55.00	66.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

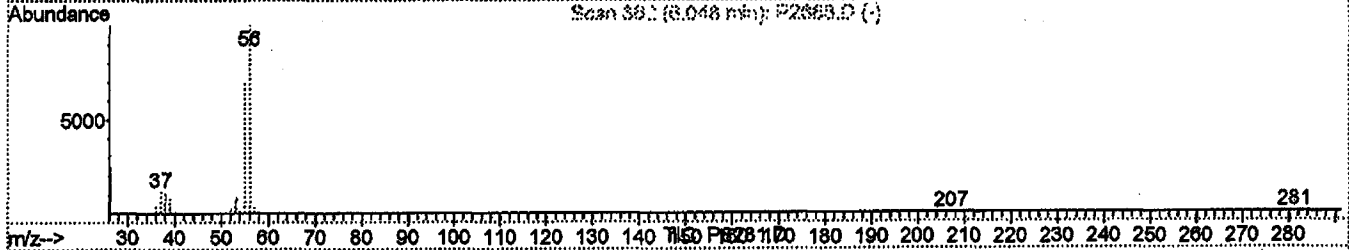
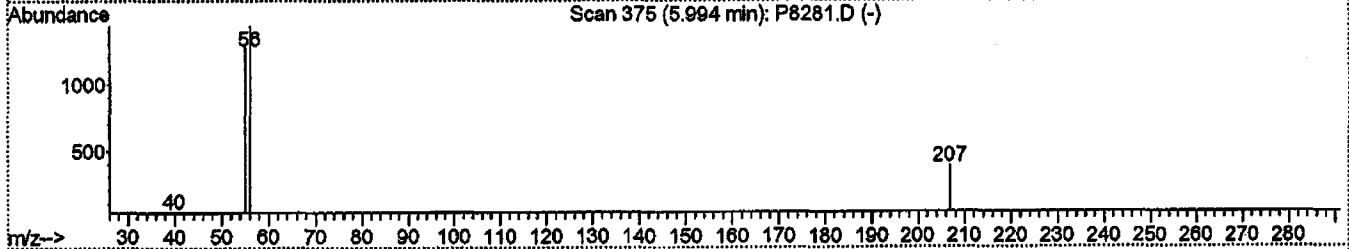
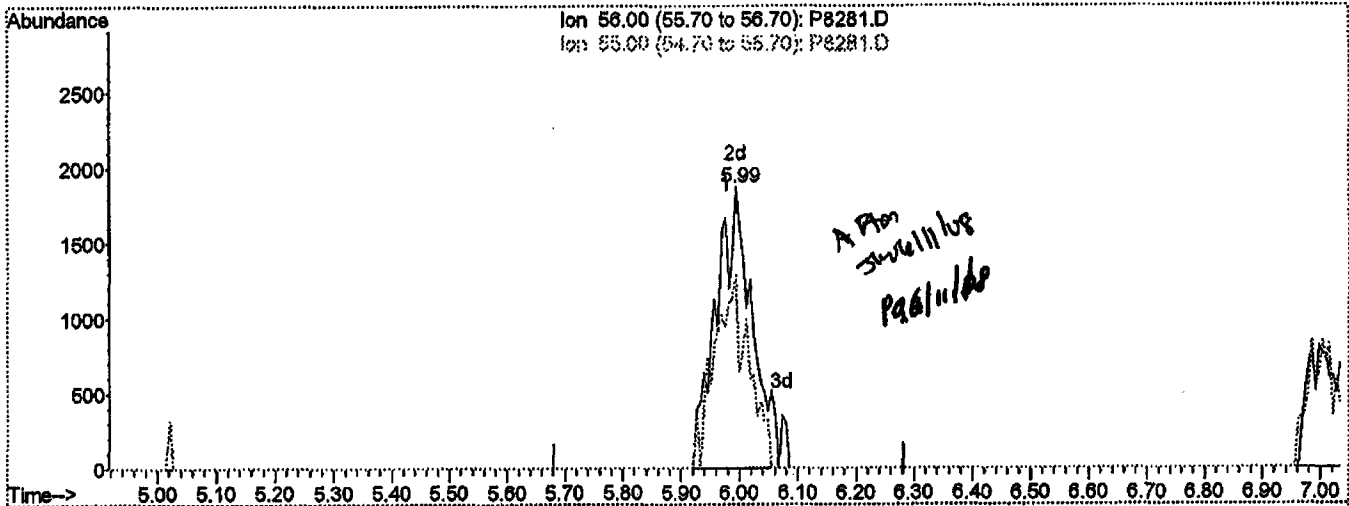
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8281.D
 Acq On : 10 Jun 2008 22:08
 Sample : VSTD001
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 1:01 2008

Vial: 15
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(11) C036 Acrolein (T)

5.99min 172.98ng m

response 8249

Ion	Exp%	Act%
56.00	100	100
55.00	66.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

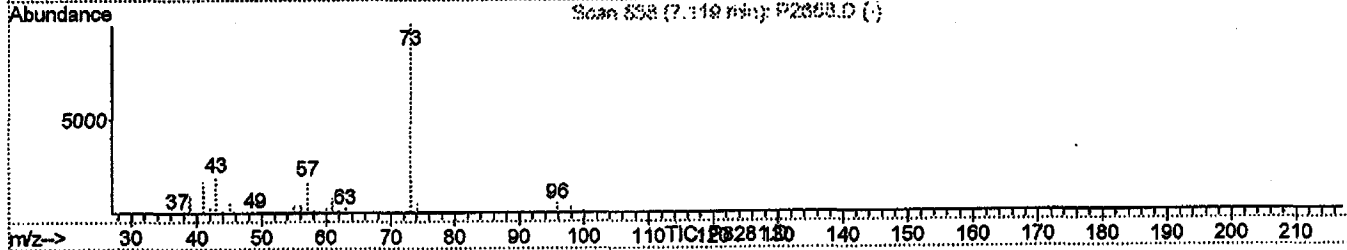
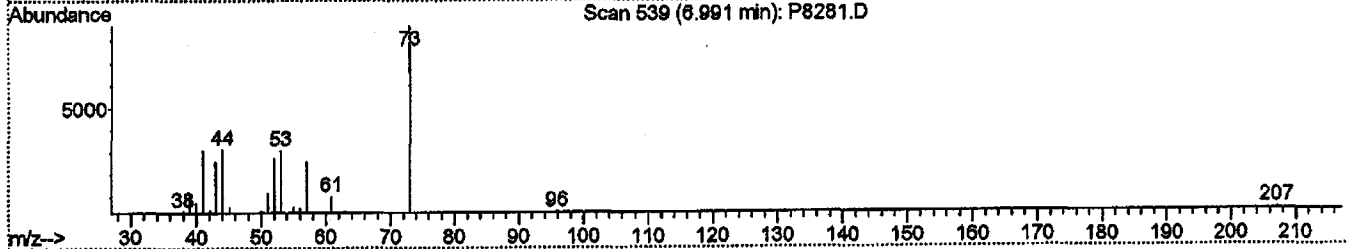
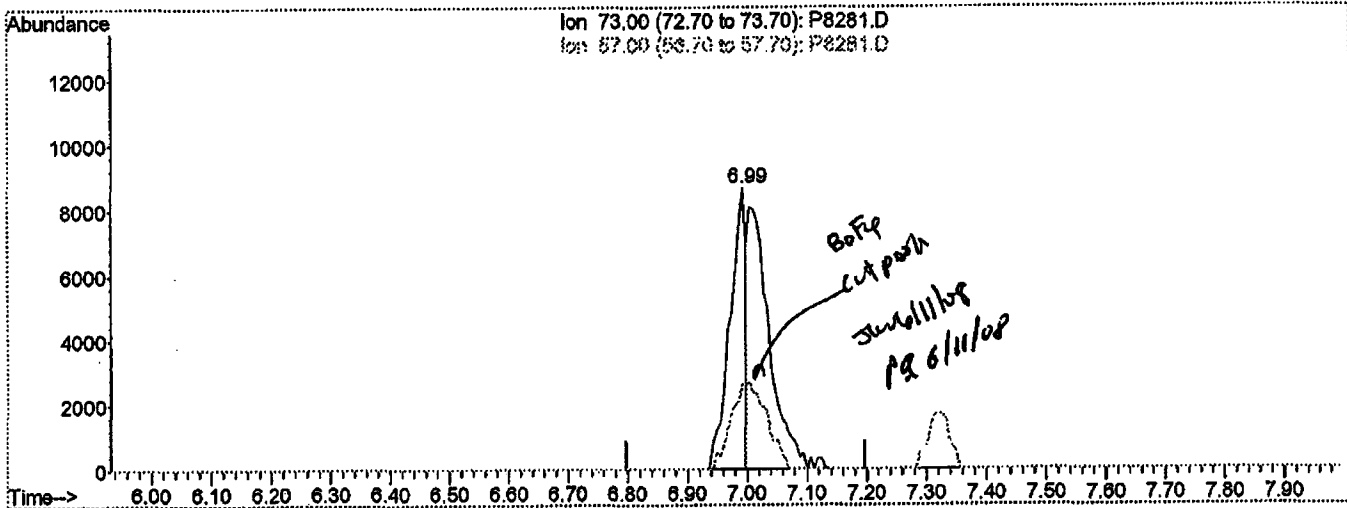
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8281.D
 Acq On : 10 Jun 2008 22:08
 Sample : VSTD001
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 1:01 2008

Vial: 15
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(17) C982 T-butyl Methyl Ether (T)

6.99min 2.01ng

response 16033

Ion	Exp%	Act%
73.00	100	100
57.00	23.90	69.02#
0.00	0.00	0.00
0.00	0.00	0.00

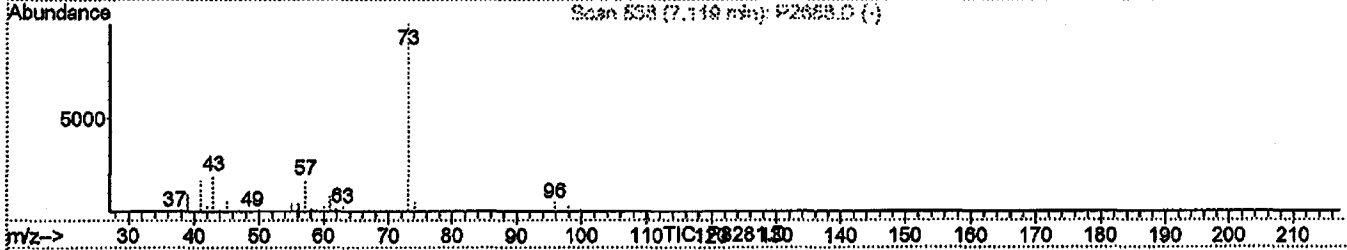
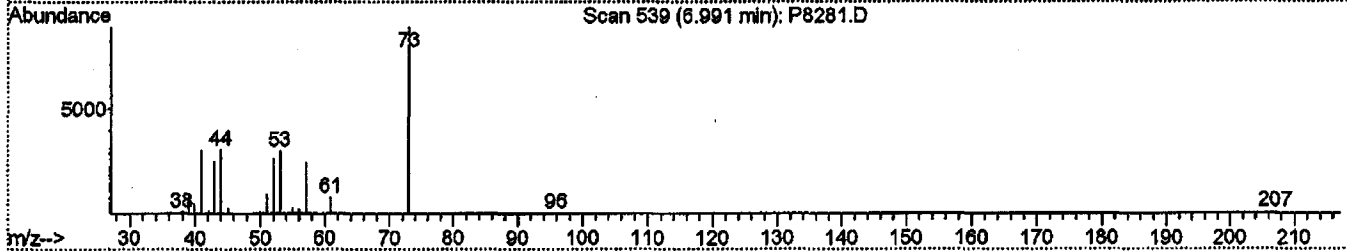
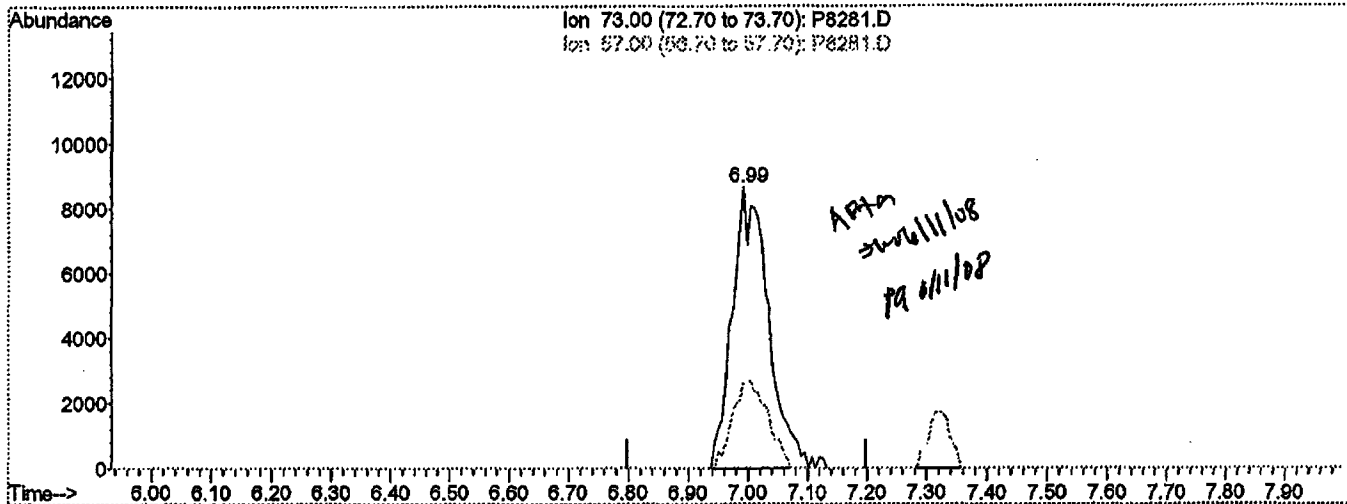
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8281.D
 Acq On : 10 Jun 2008 22:08
 Sample : VSTD001
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 1:01 2008

Vial: 15
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(17) C962 T-butyl Methyl Ether (T)

6.99min 5.95ng m

response 36576

Ion	Exp%	Act%
73.00	100	100
57.00	23.90	30.25#
0.00	0.00	0.00
0.00	0.00	0.00

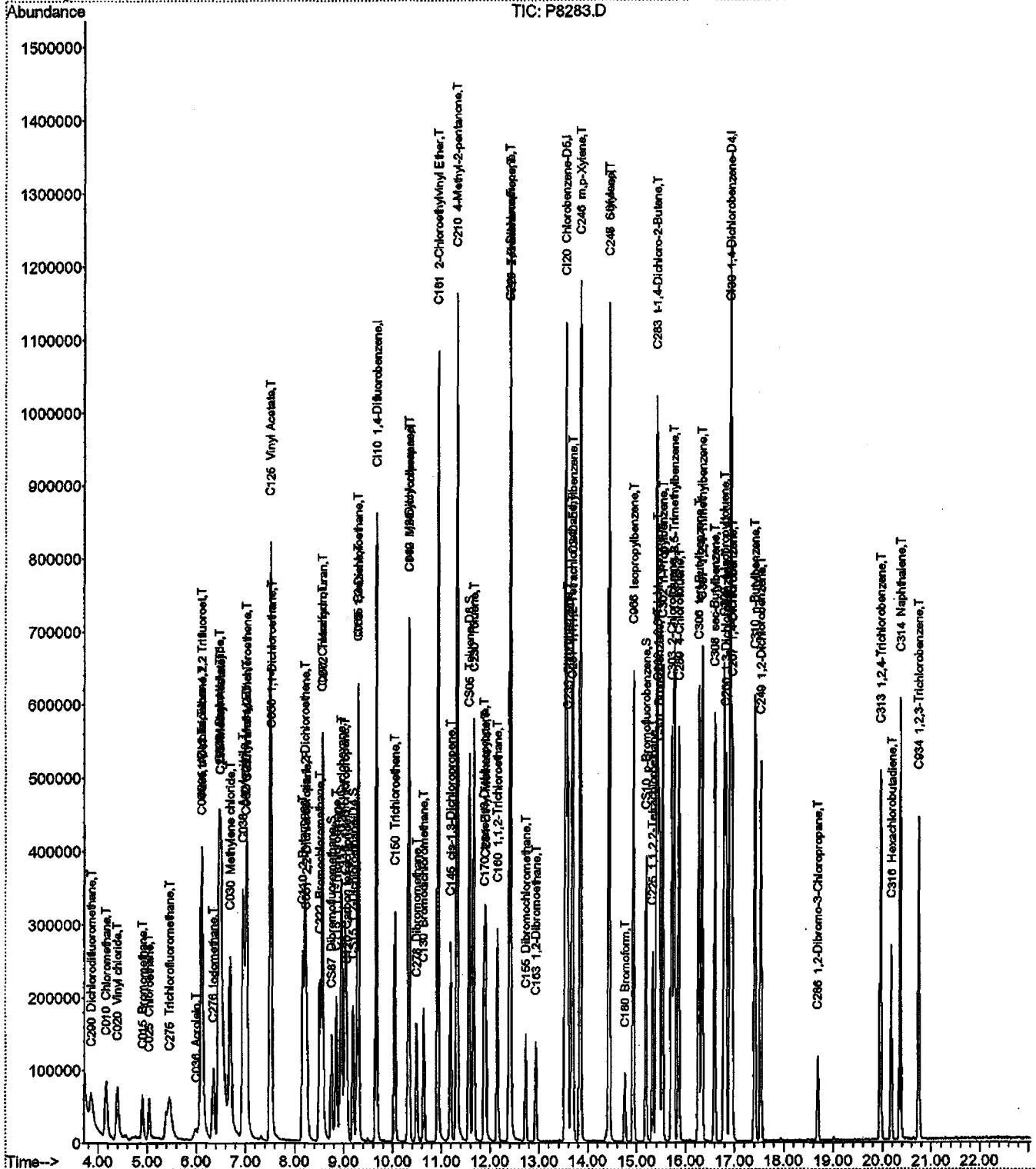
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\061008\P8283.D
Acq On : 10 Jun 2008 23:03
Sample : VSTD010
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 11 0:59 2008

Vial: 17
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000432.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Jun 11 00:55:47 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8283.D
 Acq On : 10 Jun 2008 23:03
 Sample : VSTD010
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 00:56:01 2008

Vial: 17
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)

Title : 8260 5ML

Last Update : Wed Jun 11 00:55:47 2008

Response via : Initial Calibration

DataAcq Meth : VOA

IS QA File : H:\GCMS_VOA\P\061008\P8284.D (10 Jun 2008 23:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	792944	125.00	ng	0.00	98.68%
43) CI20 Chlorobenzene-D5	13.54	117	726750	125.00	ng	0.00	98.66%
62) CI30 1,4-Dichlorobenzene-	16.91	152	395922	125.00	ng	0.00	102.41%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.75	111	111689	50.63	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	40.50%#	
31) CS15 1,2-Dichloroethane-D	9.19	65	161073	51.76	ng	0.00	
Spiked Amount	125.000	Range	66 - 137	Recovery	=	41.41%#	
44) CS05 Toluene-D8	11.57	98	413796	51.03	ng	0.00	
Spiked Amount	125.000	Range	71 - 126	Recovery	=	40.82%#	
61) CS10 p-Bromofluorobenzene	15.19	174	129832	50.76	ng	0.00	
Spiked Amount	125.000	Range	73 - 120	Recovery	=	40.61%#	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	3.86	85	114348	51.50	ng	96
3) C010 Chloromethane	4.17	50	163645	50.53	ng	98
4) C020 Vinyl chloride	4.40	62	134271	50.80	ng	96
5) C015 Bromomethane	4.90	94	58263	50.71	ng	98
6) C025 Chloroethane	5.04	64	70758	51.52	ng	92
7) C275 Trichlorofluorometha	5.45	101	198271m	86.21	ng	97
8) C045 1,1-Dichloroethene	6.12	96	113082	52.51	ng	# 80
9) C030 Methylene chloride	6.68	84	141785	46.17	ng	# 78
10) C040 Carbon disulfide	6.47	76	375880	52.81	ng	97
11) C036 Acrolein	5.99	56	39827	850.50	ng	87
12) C038 Acrylonitrile	6.94	53	422168	255.40	ng	98
13) C035 Acetone	6.11	43	301707	253.40	ng	93
14) C300 Acetonitrile	6.46	41	1180309	2088.94	ng	98
15) C276 Iodomethane	6.35	142	194876	51.60	ng	98
16) C291 1,1,2 Trichloro-1,2,	6.10	101	117045	54.26	ng	93
17) C962 T-butyl Methyl Ether	7.00	73	345750	57.27	ng	# 84
18) C057 trans-1,2-Dichloroet	7.03	96	117814	51.18	ng	# 88
19) C255 Methyl Acetate	6.50	43	245913	51.03	ng	# 86
20) C050 1,1-Dichloroethane	7.53	63	258306	51.84	ng	98
21) C125 Vinyl Acetate	7.50	43	1621200	262.19	ng	# 91
22) C051 2,2-Dichloropropane	8.24	77	138389	50.77	ng	98
23) C056 cis-1,2-Dichloroethe	8.21	96	128507	51.53	ng	90
24) C272 Tetrahydrofuran	8.56	42	338952	258.07	ng	# 85
25) C222 Bromochloromethane	8.51	128	63756	51.14	ng	# 85
26) C060 Chloroform	8.55	83	208653	51.89	ng	99
27) C115 1,1,1-Trichloroethan	8.85	97	169528	49.73	ng	95
28) C120 Carbon tetrachloride	9.07	117	123328	48.86	ng	94
29) C116 1,1-Dichloropropene	9.02	75	156975	52.17	ng	94
32) C165 Benzene	9.29	78	476058	51.31	ng	100

(#)= qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8283.D
 Acq On : 10 Jun 2008 23:03
 Sample : VSTD010
 Misc :

Vial: 17
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 11 00:56:01 2008

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)

Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C065 1,2-Dichloroethane	9.28	62	208930	51.27	ng	89
34) C110 2-Butanone	8.16	43	522707	253.11	ng	# 84
35) C256 Cyclohexane	8.94	56	286406	53.53	ng	# 74
36) C150 Trichloroethene	10.05	95	126143	50.98	ng	89
37) C140 1,2-Dichloropropane	10.33	63	153401	51.83	ng	94
38) C278 Dibromomethane	10.49	93	80492	50.01	ng	95
39) C130 Bromodichloromethane	10.64	83	140032	49.00	ng	97
40) C161 2-Chloroethylvinyl E	10.93	63	551917	263.30	ng	# 94
41) C012 Methylcyclohexane	10.33	83	168618	53.03	ng	86
42) C145 cis-1,3-Dichloroprop	11.19	75	171044	49.76	ng	95
45) C230 Toluene	11.66	92	294798	51.03	ng	94
46) C170 trans-1,3-Dichloropr	11.88	75	151857	48.05	ng	99
47) C284 Ethyl Methacrylate	11.91	69	155413	50.48	ng	# 54
48) C160 1,1,2-Trichloroethan	12.14	83	95904	50.82	ng	90
49) C210 4-Methyl-2-pentanone	11.32	43	1089269	266.91	ng	# 88
50) C220 Tetrachloroethene	12.41	166	116534	52.86	ng	99
51) C221 1,3-Dichloropropane	12.39	76	192834	52.25	ng	92
52) C155 Dibromochloromethane	12.73	129	94094	46.01	ng	95
53) C163 1,2-Dibromoethane	12.94	107	119071	49.13	ng	94
54) C215 2-Hexanone	12.41	43	756922	274.45	ng	99
55) C235 Chlorobenzene	13.59	112	324669	50.29	ng	96
56) C281 1,1,1,2-Tetrachloroe	13.67	131	97871	49.10	ng	95
57) C240 Ethylbenzene	13.69	91	538727	51.98	ng	97
58) C246 m,p-Xylene	13.84	106	418589	104.63	ng	94
59) C247 o-Xylene	14.43	106	212047	52.01	ng	94
60) C245 Styrene	14.44	104	347166	52.26	ng	98
63) C180 Bromoform	14.76	173	55923	41.92	ng	100
64) C966 Isopropylbenzene	14.93	105	527813	50.57	ng	94
65) C301 Bromobenzene	15.46	156	134006	49.77	ng	# 87
66) C225 1,1,2,2-Tetrachloroe	15.33	83	157455	49.33	ng	96
67) C282 1,2,3-Trichloropropa	15.43	110	49183	49.82	ng	100
68) C283 t-1,4-Dichloro-2-But	15.41	51	120624	254.45	ng	# 83
69) C302 n-Propylbenzene	15.53	91	636509	50.61	ng	90
70) C303 2-Chlorotoluene	15.72	126	131621	49.72	ng	100
71) C289 4-Chlorotoluene	15.86	126	134646	50.19	ng	100
72) C304 1,3,5-Trimethylbenze	15.76	105	454921	50.95	ng	# 49
73) C306 tert-Butylbenzene	16.28	134	89133	50.20	ng	100
74) C307 1,2,4-Trimethylbenze	16.34	105	461853	50.90	ng	95
75) C308 sec-Butylbenzene	16.60	105	516723	50.75	ng	98
76) C260 1,3-Dichlorobenzene	16.83	146	262131	50.29	ng	97
77) C309 4-Isopropyltoluene	16.79	119	453764	50.42	ng	97
78) C267 1,4-Dichlorobenzene	16.95	146	265095	49.00	ng	96
79) C249 1,2-Dichlorobenzene	17.53	146	267572	50.13	ng	98
80) C310 n-Butylbenzene	17.41	91	416372	50.21	ng	92
81) C286 1,2-Dibromo-3-Chloro	18.69	75	32763	44.86	ng	90
82) C313 1,2,4-Trichlorobenze	19.96	180	192748	49.85	ng	96
83) C316 Hexachlorobutadiene	20.18	225	64808	49.95	ng	99
84) C314 Naphthalene	20.36	128	589917	49.83	ng	99
85) C934 1,2,3-Trichlorobenze	20.74	180	182864	49.45	ng	100

(#) = qualifier out of range (m) = manual integration

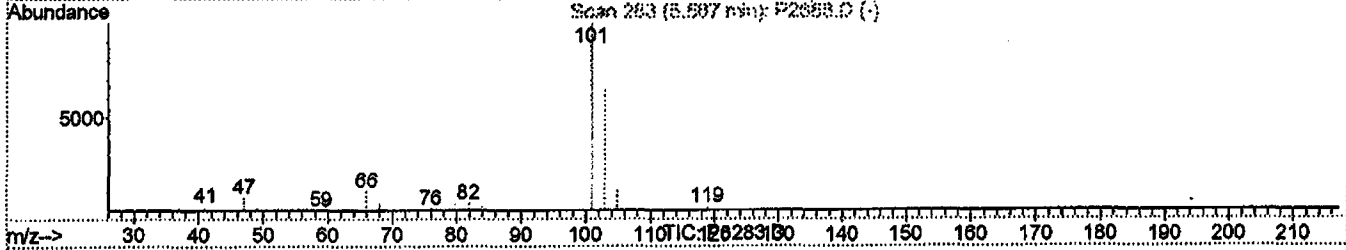
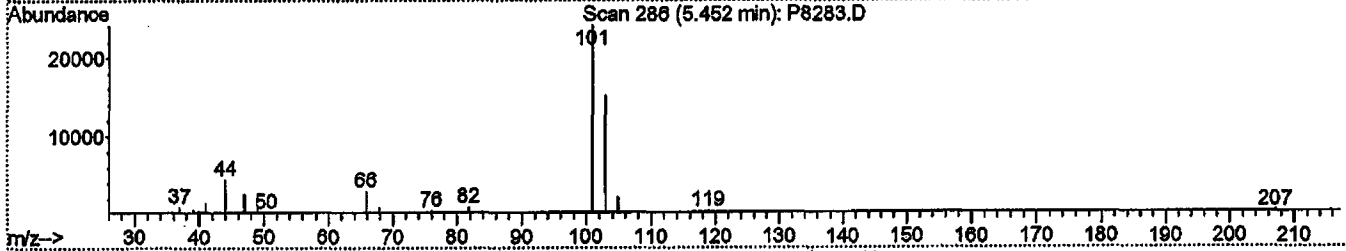
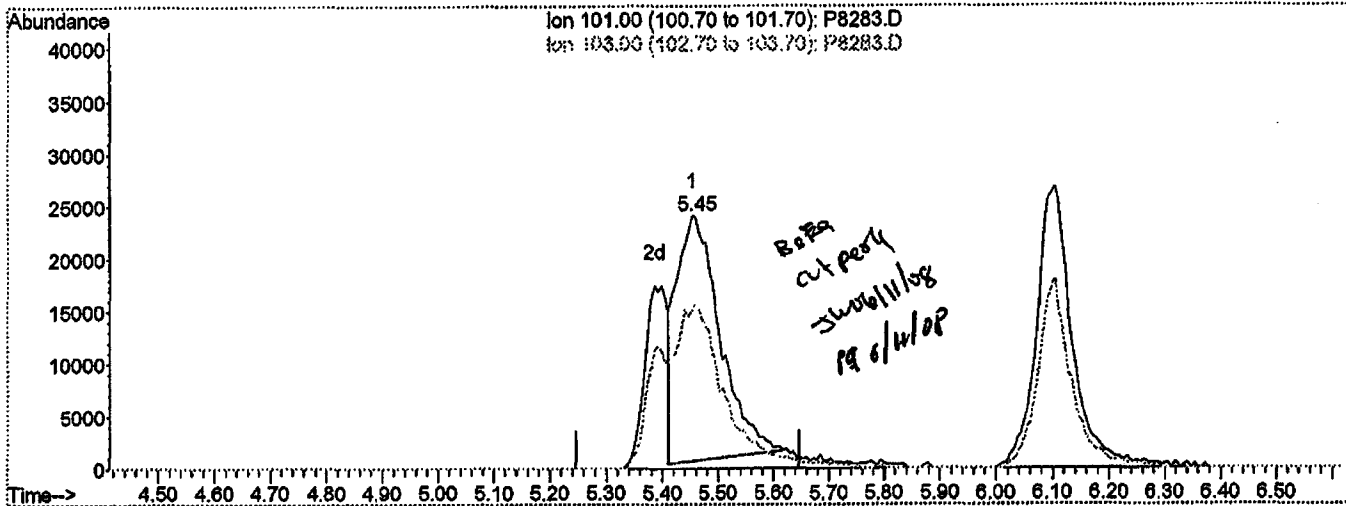
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8283.D
 Acq On : 10 Jun 2008 23:03
 Sample : VSTD010
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 0:56 2008

Vial: 17
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.45min 55.56ng

response 127785

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	62.89
0.00	0.00	0.00
0.00	0.00	0.00

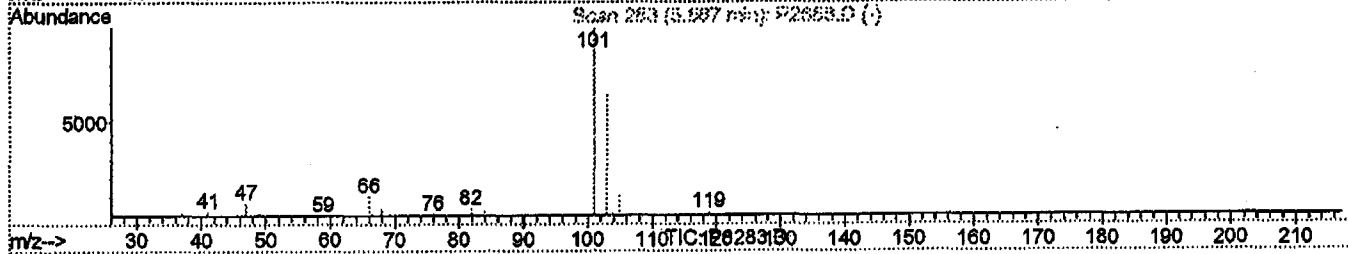
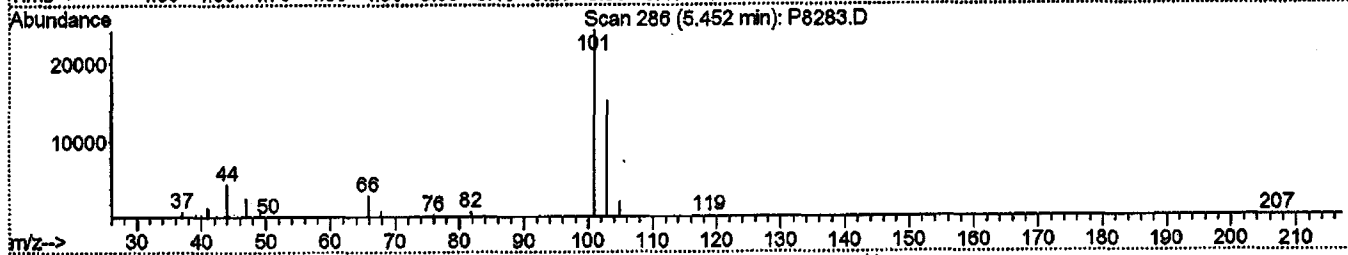
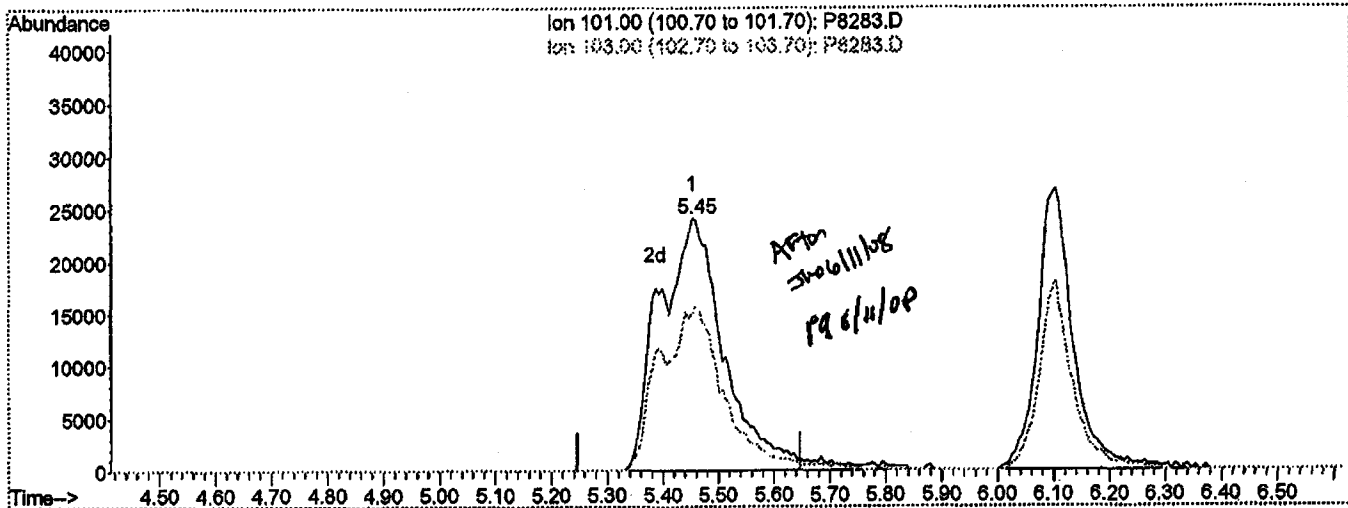
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8283.D
 Acq On : 10 Jun 2008 23:03
 Sample : VSTD010
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 0:59 2008

Vial: 17
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.45min 86.21ng m

response 198271

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	62.89
0.00	0.00	0.00
0.00	0.00	0.00

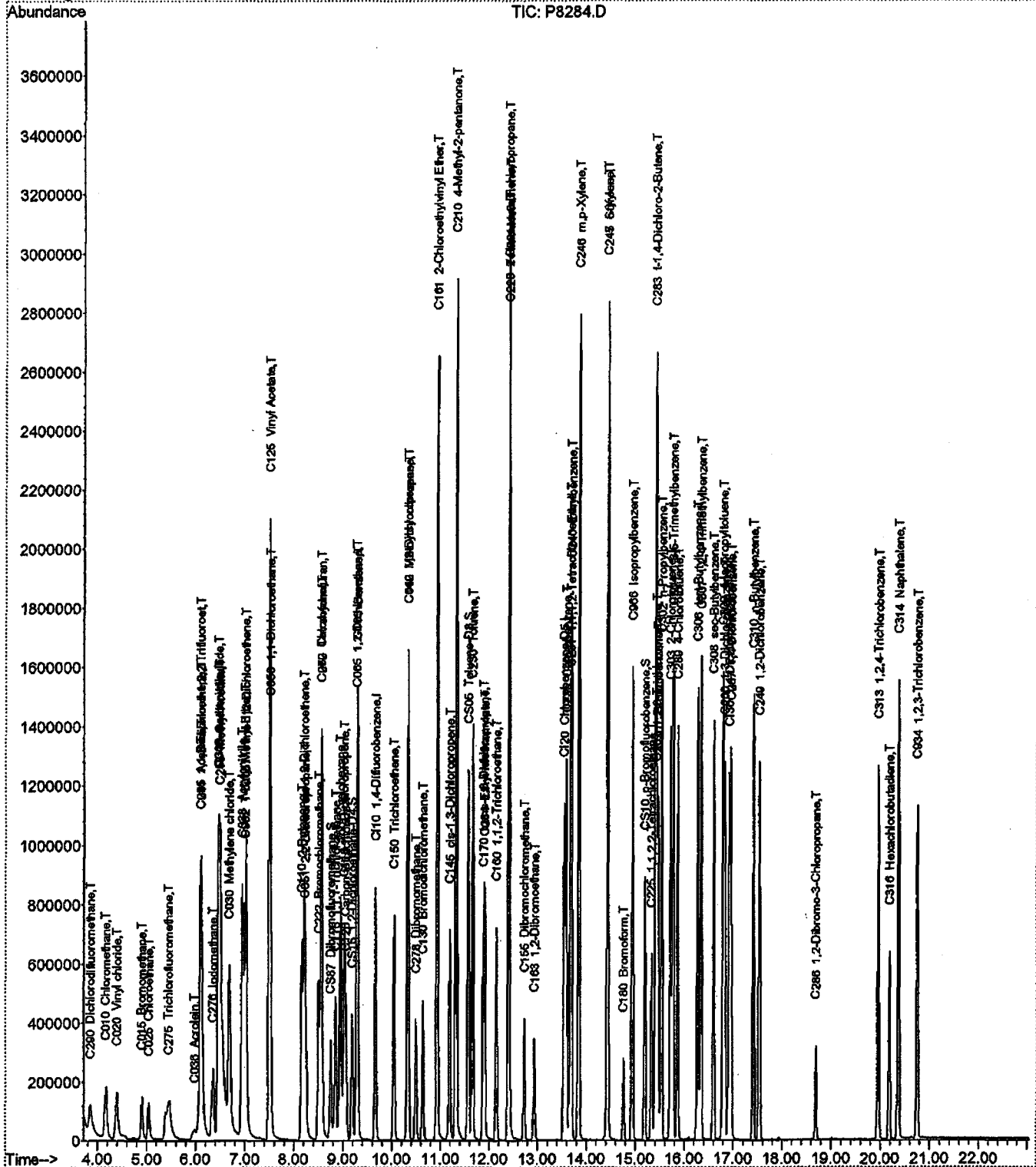
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\061008\P8284.D
Acq On : 10 Jun 2008 23:31
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 11 0:58 2008

Vial: 18
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000432.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Jun 11 00:55:47 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8284.D
 Acq On : 10 Jun 2008 23:31
 Sample : VSTD025
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 00:56:11 2008

Vial: 18
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\P\061008\P8284.D (10 Jun 2008 23:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	803579	125.00	ng	0.00	100.00%
43) CI20 Chlorobenzene-D5	13.54	117	736657	125.00	ng	0.00	100.00%
62) CI30 1,4-Dichlorobenzene-	16.91	152	386600	125.00	ng	0.00	100.00%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.75	111	260291	116.44	ng	0.00	
Spiked Amount	125.000	Range 70 - 130	Recovery	=	93.15%		
31) CS15 1,2-Dichloroethane-D	9.18	65	359514	114.00	ng	0.00	
Spiked Amount	125.000	Range 66 - 137	Recovery	=	91.20%		
44) CS05 Toluene-D8	11.57	98	972774	118.35	ng	0.00	
Spiked Amount	125.000	Range 71 - 126	Recovery	=	94.68%		
61) CS10 p-Bromofluorobenzene	15.19	174	300032	115.72	ng	0.00	
Spiked Amount	125.000	Range 73 - 120	Recovery	=	92.58%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	3.86	85	258965	115.09	ng	96
3) C010 Chloromethane	4.17	50	390978	119.14	ng	96
4) C020 Vinyl chloride	4.39	62	323069	120.61	ng	100
5) C015 Bromomethane	4.90	94	145556	125.01	ng	97
6) C025 Chloroethane	5.04	64	173983	125.00	ng	96
7) C275 Trichlorofluorometha	5.45	101	454859m	195.16	ng	95
8) C045 1,1-Dichloroethene	6.11	96	264640	121.27	ng	# 81
9) C030 Methylene chloride	6.68	84	331980	106.66	ng	# 74
10) C040 Carbon disulfide	6.47	76	905705	125.56	ng	99
11) C036 Acrolein	5.98	56	91504	1928.19	ng	96
12) C038 Acrylonitrile	6.94	53	1060266	632.94	ng	98
13) C035 Acetone	6.10	43	750578	622.05	ng	95
14) C300 Acetonitrile	6.46	41	2920807	5100.90	ng	98
15) C276 Iodomethane	6.35	142	476632	124.54	ng	99
16) C291 1,1,2 Trichloro-1,2,	6.10	101	265795	121.60	ng	92
17) C962 T-butyl Methyl Ether	7.00	73	863947	141.22	ng	# 85
18) C057 trans-1,2-Dichloroet	7.02	96	286561	122.83	ng	# 85
19) C255 Methyl Acetate	6.50	43	597477	122.34	ng	# 88
20) C050 1,1-Dichloroethane	7.52	63	624416	123.66	ng	98
21) C125 Vinyl Acetate	7.49	43	4105362	655.16	ng	# 91
22) C051 2,2-Dichloropropane	8.23	77	342458	123.98	ng	97
23) C056 cis-1,2-Dichloroethe	8.21	96	316213	125.13	ng	88
24) C272 Tetrahydrofuran	8.56	42	852777	640.68	ng	# 84
25) C222 Bromochloromethane	8.51	128	157705	124.83	ng	# 91
26) C060 Chloroform	8.55	83	501698	123.12	ng	97
27) C115 1,1,1-Trichloroethan	8.85	97	423814	122.69	ng	97
28) C120 Carbon tetrachloride	9.06	117	311368	121.72	ng	100
29) C116 1,1-Dichloropropene	9.02	75	368884	120.99	ng	93
32) C165 Benzene	9.29	78	1157852	123.15	ng	99

(#) = qualifier out of range (m) = manual integration
 P8284.D A8I0000432.M Wed Jun 11 00:59:28 2008

HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8284.D
 Acq On : 10 Jun 2008 23:31
 Sample : VSTD025
 Misc :

Vial: 18
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 11 00:56:11 2008

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTB Integrator)

Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C065 1,2-Dichloroethane	9.27	62	511182	123.78	ng	89
34) C110 2-Butanone	8.16	43	1317034	629.30	ng	# 84
35) C256 Cyclohexane	8.94	56	653215	120.47	ng	# 74
36) C150 Trichloroethene	10.05	95	311156	124.09	ng	88
37) C140 1,2-Dichloropropane	10.33	63	376757	125.62	ng	94
38) C278 Dibromomethane	10.49	93	205103	125.75	ng	91
39) C130 Bromodichloromethane	10.64	83	363688	125.58	ng	99
40) C161 2-Chloroethylvinyl E	10.93	63	1386592	652.73	ng	93
41) C012 Methylcyclohexane	10.33	83	396464	123.03	ng	88
42) C145 cis-1,3-Dichloroprop	11.19	75	448116	128.64	ng	92
45) C230 Toluene	11.66	92	718716	122.75	ng	95
46) C170 trans-1,3-Dichloropr	11.88	75	417042	130.19	ng	99
47) C284 Ethyl Methacrylate	11.91	69	413222	132.43	ng	# 56
48) C160 1,1,2-Trichloroethan	12.14	83	236129	123.43	ng	90
49) C210 4-Methyl-2-pentanone	11.32	43	2682099	648.36	ng	# 86
50) C220 Tetrachloroethene	12.41	166	274318	122.77	ng	94
51) C221 1,3-Dichloropropane	12.39	76	470550	125.79	ng	97
52) C155 Dibromochloromethane	12.73	129	263447	127.09	ng	99
53) C163 1,2-Dibromoethane	12.93	107	304374	123.89	ng	96
54) C215 2-Hexanone	12.40	43	1859576	665.18	ng	98
55) C235 Chlorobenzene	13.59	112	810495	123.86	ng	91
56) C281 1,1,1,2-Tetrachloroe	13.66	131	258800	128.08	ng	96
57) C240 Ethylbenzene	13.69	91	1315231	125.21	ng	95
58) C246 m,p-Xylene	13.84	106	1023590	252.42	ng	93
59) C247 o-Xylene	14.43	106	528346	127.85	ng	94
60) C245 Styrene	14.43	104	870798	129.33	ng	93
63) C180 Bromoform	14.76	173	165388	126.98	ng	97
64) C966 Isopropylbenzene	14.93	105	1315459	129.08	ng	93
65) C301 Bromobenzene	15.46	156	328697	125.02	ng	# 86
66) C225 1,1,2,2-Tetrachloroe	15.33	83	388251	124.56	ng	98
67) C282 1,2,3-Trichloropropa	15.44	110	121869	126.44	ng	100
68) C283 t-1,4-Dichloro-2-But	15.40	51	307649	664.61	ng	# 88
69) C302 n-Propylbenzene	15.53	91	1545405	125.83	ng	91
70) C303 2-Chlorotoluene	15.72	126	331754	128.33	ng	100
71) C289 4-Chlorotoluene	15.86	126	338156	129.10	ng	100
72) C304 1,3,5-Trimethylbenze	15.76	105	1119326	128.38	ng	# 46
73) C306 tert-Butylbenzene	16.27	134	221835	127.94	ng	100
74) C307 1,2,4-Trimethylbenze	16.34	105	1133857	127.98	ng	97
75) C308 sec-Butylbenzene	16.60	105	1274184	128.17	ng	97
76) C260 1,3-Dichlorobenzene	16.83	146	635249	124.82	ng	97
77) C309 4-Isopropyltoluene	16.79	119	1129248	128.49	ng	99
78) C267 1,4-Dichlorobenzene	16.95	146	651301	123.29	ng	98
79) C249 1,2-Dichlorobenzene	17.53	146	652000	125.10	ng	99
80) C310 n-Butylbenzene	17.41	91	1045947	129.18	ng	92
81) C286 1,2-Dibromo-3-Chloro	18.68	75	93296	130.82	ng	96
82) C313 1,2,4-Trichlorobenze	19.96	180	486988	128.99	ng	96
83) C316 Hexachlorobutadiene	20.18	225	155908	123.07	ng	98
84) C314 Naphthalene	20.36	128	1532972	132.60	ng	97
85) C934 1,2,3-Trichlorobenze	20.75	180	466439	129.18	ng	99

(#) = qualifier out of range (m) = manual integration

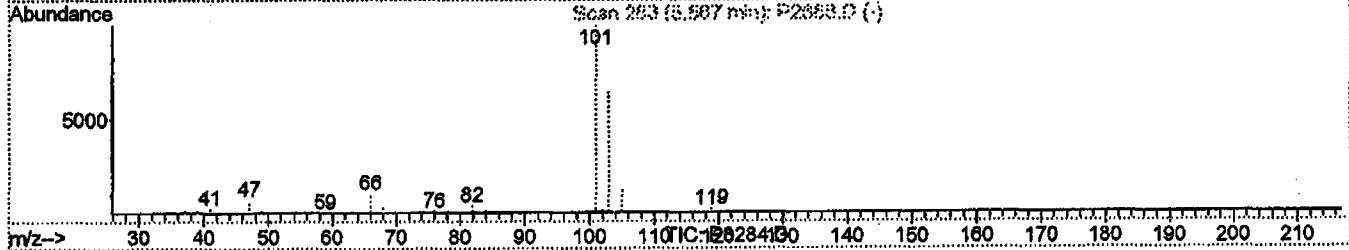
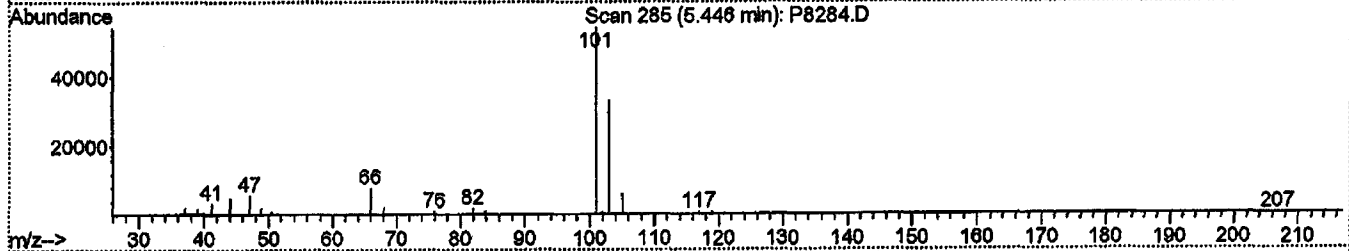
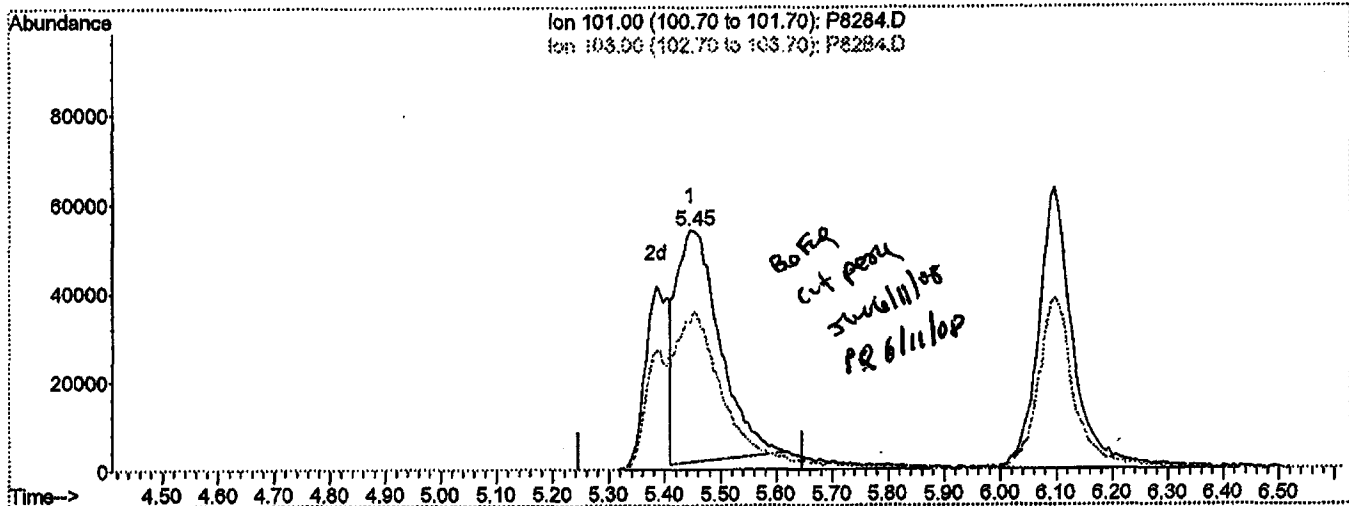
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8284.D
 Acq On : 10 Jun 2008 23:31
 Sample : VSTD025
 Misc :
 MS Integration Params: RTBINT.P
 Quant Time: Jun 11 0:56 2008

Vial: 18
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.45min 120.93ng

response 281848

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	61.30
0.00	0.00	0.00
0.00	0.00	0.00

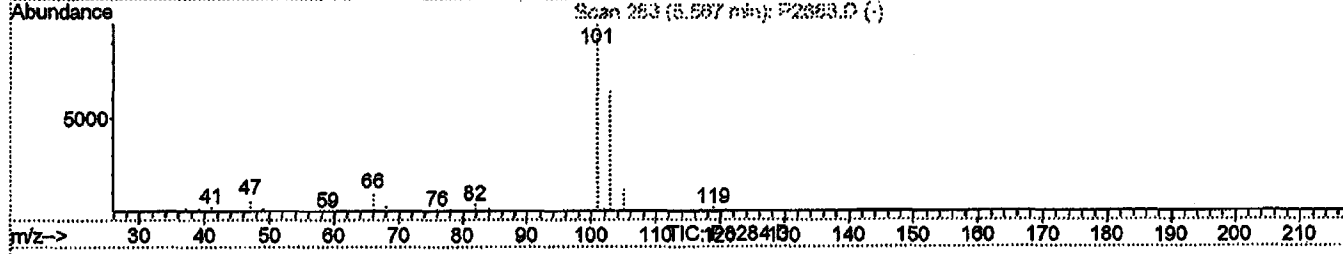
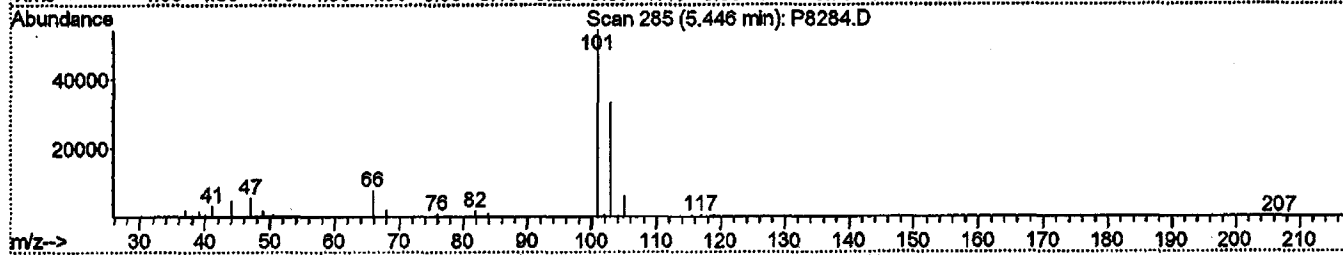
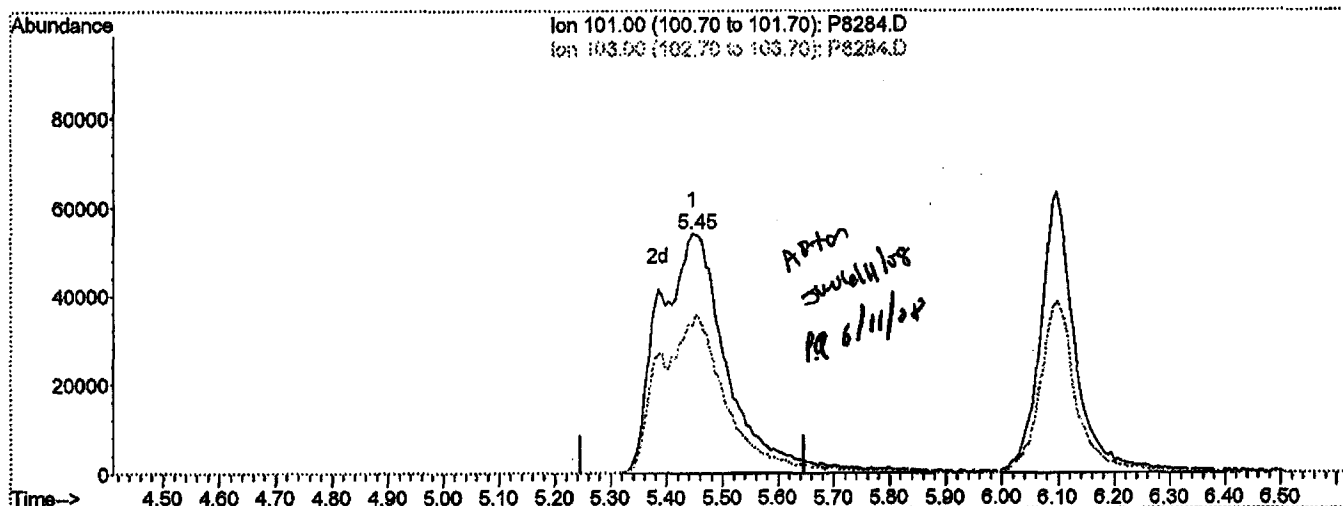
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8284.D
 Acq On : 10 Jun 2008 23:31
 Sample : VSTD025
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 0:58 2008

Vial: 18
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.45min 195.16ng m

response 454859

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	61.30
0.00	0.00	0.00
0.00	0.00	0.00

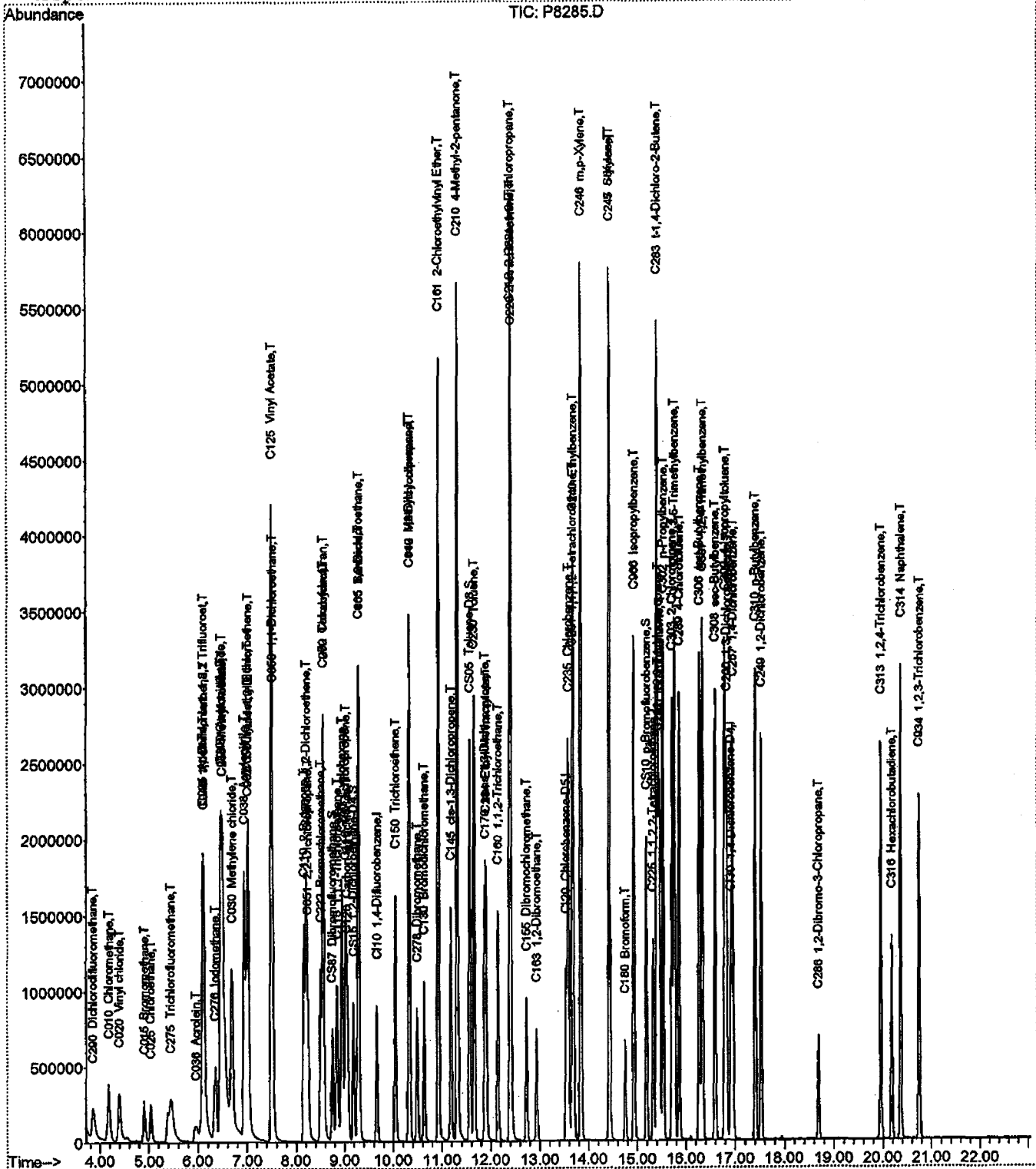
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\061008\P8285.D
Acq On : 10 Jun 2008 23:59
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 11 0:57 2008

Vial: 19
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000432.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Jun 11 00:55:47 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8285.D
 Acq On : 10 Jun 2008 23:59
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 00:56:20 2008

Vial: 19
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\P\061008\P8284.D (10 Jun 2008 23:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	839536	125.00	ng	0.00 104.47%
43) CI20 Chlorobenzene-D5	13.54	117	767731	125.00	ng	0.00 104.22%
62) CI30 1,4-Dichlorobenzene-	16.91	152	405761	125.00	ng	0.00 104.96%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.75	111	569103	243.68	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	194.94%#
31) CS15 1,2-Dichloroethane-D	9.18	65	781398	237.17	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	189.74%#
44) CS05 Toluene-D8	11.57	98	2072658	241.96	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	193.57%#
61) CS10 p-Bromofluorobenzene	15.19	174	657970	243.50	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	194.80%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	3.86	85	563080	239.54	ng	98
3) C010 Chloromethane	4.19	50	801945	233.90	ng	99
4) C020 Vinyl chloride	4.40	62	669242	239.15	ng	97
5) C015 Bromomethane	4.90	94	290128	238.51	ng	96
6) C025 Chloroethane	5.04	64	334283	229.88	ng	97
7) C275 Trichlorofluorometha	5.45	101	979099m	402.10	ng	98
8) C045 1,1-Dichloroethene	6.12	96	570989	250.45	ng	# 80
9) C030 Methylene chloride	6.69	84	677459	208.34	ng	# 75
10) C040 Carbon disulfide	6.47	76	1848592	245.30	ng	99
11) C036 Acrolein	5.96	56	302682	6104.99	ng	# 58
12) C038 Acrylonitrile	6.94	53	2161142	1234.87	ng	98
13) C035 Acetone	6.10	43	1497996	1188.32	ng	94
14) C300 Acetonitrile	6.46	41	5808722	9709.87	ng	98
15) C276 Iodomethane	6.36	142	987504	246.97	ng	99
16) C291 1,1,2 Trichloro-1,2,	6.10	101	540671	236.75	ng	92
17) C962 T-butyl Methyl Ether	7.00	73	1770390	277.00	ng	# 85
18) C057 trans-1,2-Dichloroet	7.02	96	602294	247.11	ng	89
19) C255 Methyl Acetate	6.50	43	1210889	237.32	ng	# 88
20) C050 1,1-Dichloroethane	7.52	63	1295154	245.50	ng	97
21) C125 Vinyl Acetate	7.49	43	8315502	1270.21	ng	# 92
22) C051 2,2-Dichloropropane	8.24	77	728275	252.37	ng	95
23) C056 cis-1,2-Dichloroethe	8.21	96	658125	249.28	ng	# 86
24) C272 Tetrahydrofuran	8.56	42	1683261	1210.46	ng	# 85
25) C222 Bromochloromethane	8.51	128	330910	250.71	ng	# 89
26) C060 Chloroform	8.55	83	1047806	246.12	ng	98
27) C115 1,1,1-Trichloroethan	8.85	97	922906	255.72	ng	96
28) C120 Carbon tetrachloride	9.06	117	721407	269.94	ng	100
29) C116 1,1-Dichloropropene	9.02	75	800067	251.17	ng	94
32) C165 Benzene	9.29	78	2427490	247.13	ng	100

(#) = qualifier out of range (m) = manual integration
 P8285.D A8I0000432.M Wed Jun 11 00:58:27 2008

HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8285.D
 Acq On : 10 Jun 2008 23:59
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 00:56:20 2008

Vial: 19
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C065 1,2-Dichloroethane	9.28	62	1067097	247.33	ng	90
34) C110 2-Butanone	8.16	43	2708180	1238.60	ng #	85
35) C256 Cyclohexane	8.94	56	1427834	252.04	ng #	74
36) C150 Trichloroethene	10.05	95	654297	249.76	ng	87
37) C140 1,2-Dichloropropane	10.33	63	788910	251.78	ng	92
38) C278 Dibromomethane	10.49	93	424609	249.18	ng	90
39) C130 Bromodichloromethane	10.64	83	804502	265.90	ng	96
40) C161 2-Chloroethylvinyl E	10.93	63	2802845	1262.91	ng	91
41) C012 Methylcyclohexane	10.33	83	858131	254.90	ng	89
42) C145 cis-1,3-Dichloroprop	11.19	75	981226	269.61	ng	92
45) C230 Toluene	11.66	92	1521331	249.30	ng	95
46) C170 trans-1,3-Dichloropr	11.88	75	911717	273.09	ng	98
47) C284 Ethyl Methacrylate	11.91	69	880244	270.67	ng #	57
48) C160 1,1,2-Trichloroethan	12.14	83	497466	249.52	ng	85
49) C210 4-Methyl-2-pentanone	11.32	43	5249957	1217.74	ng #	84
50) C220 Tetrachloroethene	12.42	166	570300	244.90	ng	94
51) C221 1,3-Dichloropropane	12.39	76	961362	246.60	ng	98
52) C155 Dibromochloromethane	12.73	129	602539	278.91	ng	99
53) C163 1,2-Dibromoethane	12.93	107	652298	254.75	ng	95
54) C215 2-Hexanone	12.40	43	3573499	1226.53	ng	94
55) C235 Chlorobenzene	13.59	112	1699301	249.18	ng	93
56) C281 1,1,1,2-Tetrachloroe	13.66	131	566633	269.07	ng	94
57) C240 Ethylbenzene	13.69	91	2768663	252.90	ng	93
58) C246 m,p-Xylene	13.84	106	2132423	504.57	ng	94
59) C247 o-Xylene	14.43	106	1098065	254.96	ng	90
60) C245 Styrene	14.43	104	1823606	259.87	ng	94
63) C180 Bromoform	14.75	173	398148	291.24	ng	99
64) C966 Isopropylbenzene	14.93	105	2769663	258.94	ng	94
65) C301 Bromobenzene	15.46	156	695122	251.91	ng #	85
66) C225 1,1,2,2-Tetrachloroe	15.33	83	839934	256.75	ng	97
67) C282 1,2,3-Trichloropropa	15.44	110	246524	243.68	ng	100
68) C283 t-1,4-Dichloro-2-But	15.40	51	616621	1269.16	ng	88
69) C302 n-Propylbenzene	15.53	91	3271875	253.82	ng	92
70) C303 2-Chlorotoluene	15.72	126	697429	257.04	ng	100
71) C289 4-Chlorotoluene	15.86	126	704264	256.17	ng	100
72) C304 1,3,5-Trimethylbenze	15.76	105	2352546	257.09	ng #	46
73) C306 tert-Butylbenzene	16.27	134	478338	262.85	ng	100
74) C307 1,2,4-Trimethylbenze	16.34	105	2386404	256.63	ng	96
75) C308 sec-Butylbenzene	16.60	105	2719927	260.68	ng	96
76) C260 1,3-Dichlorobenzene	16.83	146	1308398	244.94	ng	97
77) C309 4-Isopropyltoluene	16.79	119	2401296	260.33	ng	98
78) C267 1,4-Dichlorobenzene	16.95	146	1367153	246.59	ng	98
79) C249 1,2-Dichlorobenzene	17.53	146	1360841	248.77	ng	97
80) C310 n-Butylbenzene	17.41	91	2214676	260.60	ng	91
81) C286 1,2-Dibromo-3-Chloro	18.69	75	208825	278.99	ng	88
82) C313 1,2,4-Trichlorobenze	19.96	180	1004746	253.56	ng	97
83) C316 Hexachlorobutadiene	20.18	225	335492	252.33	ng	99
84) C314 Naphthalene	20.36	128	3147080	259.37	ng	98
85) C934 1,2,3-Trichlorobenze	20.74	180	947699	250.08	ng	99

(#) = qualifier out of range (m) = manual integration
 P8285.D A8I0000432.M Wed Jun 11 00:58:27 2008

HP5973P

Page 2

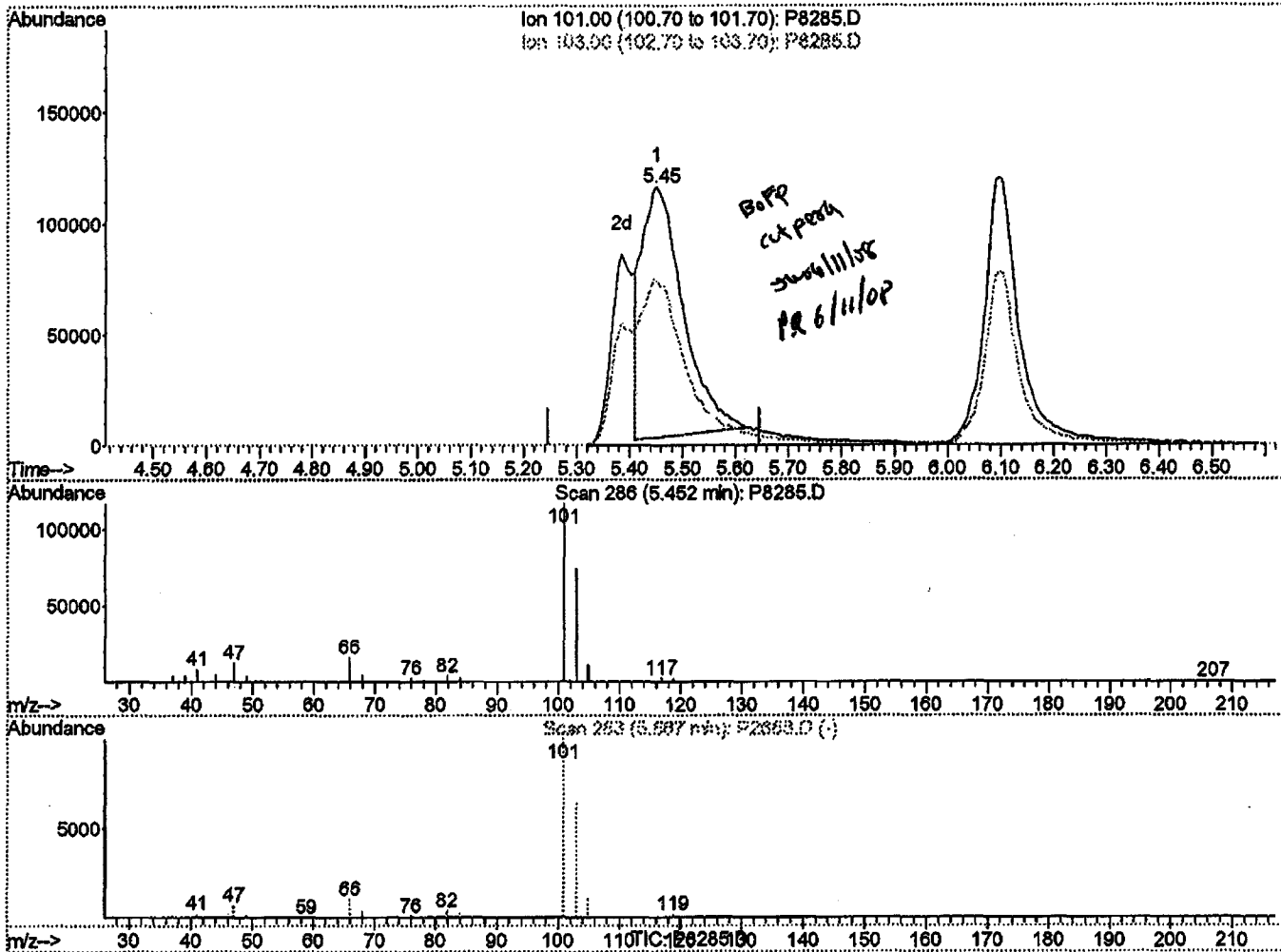
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8285.D
 Acq On : 10 Jun 2008 23:59
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 0:56 2008

Vial: 19
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.45min 254.07ng

response 618639

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	63.92
0.00	0.00	0.00
0.00	0.00	0.00

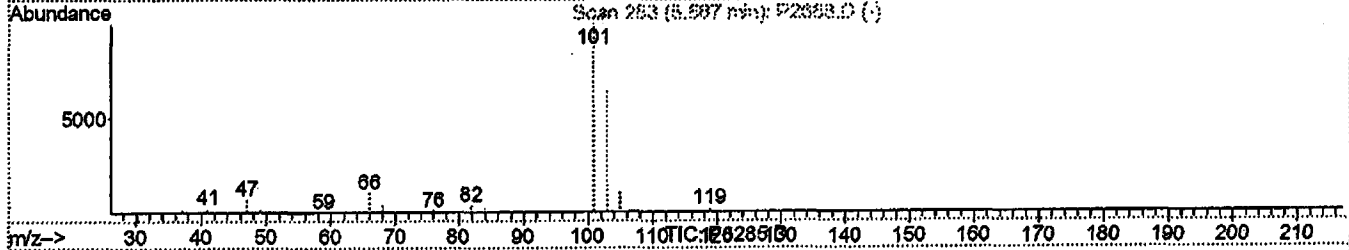
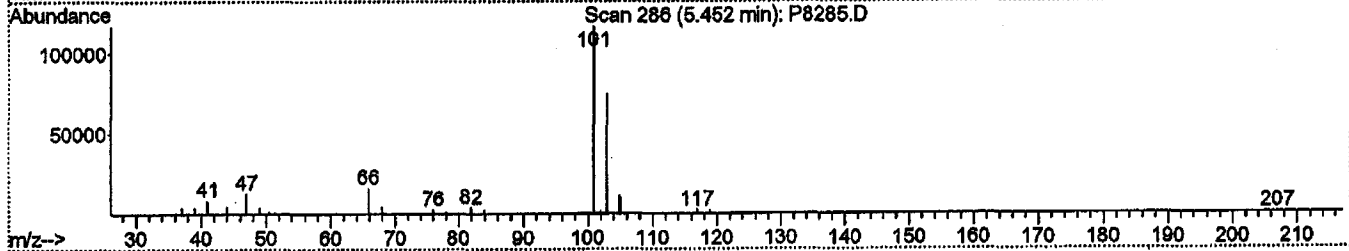
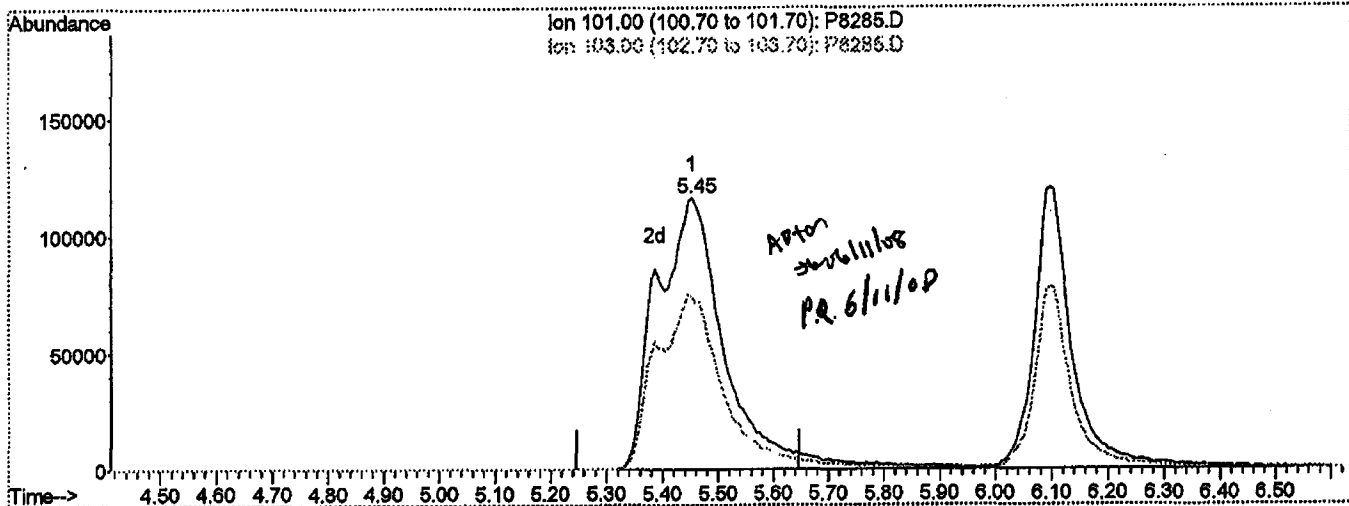
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8285.D
 Acq On : 10 Jun 2008 23:59
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 0:57 2008

Vial: 19
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.45min 402.10ng m

response 979099

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	63.92
0.00	0.00	0.00
0.00	0.00	0.00

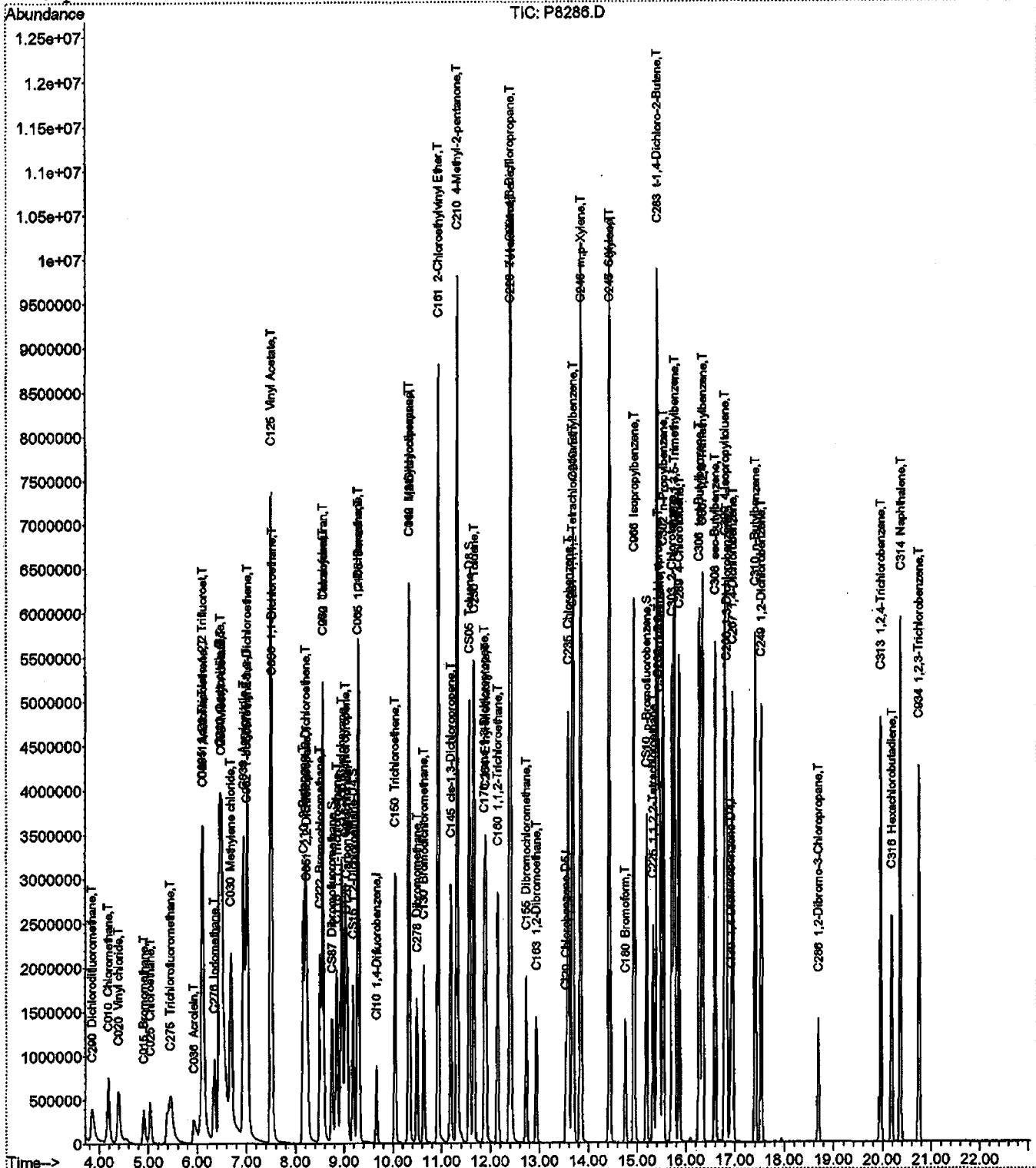
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\061008\08286.D
Acq On : 11 Jun 2008 00:27
Sample : VSTD100
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 11 0:56 2008

Vial: 20
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000432.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Jun 11 00:55:47 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8286.D
 Acq On : 11 Jun 2008 00:27
 Sample : VSTD100
 Misc :

Vial: 20
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 11 00:56:29 2008

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\P\061008\P8284.D (10 Jun 2008 23:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	820466	125.00	ng	0.00	102.10%
43) CI20 Chlorobenzene-D5	13.54	117	760495	125.00	ng	0.00	103.24%
62) CI30 1,4-Dichlorobenzene-	16.91	152	400036	125.00	ng	0.00	103.48%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.75	111	1092424	478.64	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	382.91%#	
31) CS15 1,2-Dichloroethane-D	9.18	65	1504814	467.36	ng	0.00	
Spiked Amount	125.000	Range	66 - 137	Recovery	=	373.89%#	
44) CS05 Toluene-D8	11.57	98	3975129	468.46	ng	0.00	
Spiked Amount	125.000	Range	71 - 126	Recovery	=	374.77%#	
61) CS10 p-Bromofluorobenzene	15.19	174	1259007	470.36	ng	0.00	
Spiked Amount	125.000	Range	73 - 120	Recovery	=	376.29%#	

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	3.86	85	1115689	485.65	ng	98
3) C010 Chloromethane	4.19	50	1554045	463.79	ng	98
4) C020 Vinyl chloride	4.39	62	1317287	481.66	ng	97
5) C015 Bromomethane	4.91	94	498601	419.42	ng	100
6) C025 Chloroethane	5.04	64	644331	453.39	ng	98
7) C275 Trichlorofluorometha	5.45	101	1900193m	798.52	ng	98
8) C045 1,1-Dichloroethene	6.12	96	1069583	480.05	ng	# 78
9) C030 Methylene chloride	6.68	84	1263886	397.72	ng	# 77
10) C040 Carbon disulfide	6.47	76	3563082	483.80	ng	99
11) C036 Acrolein	5.93	56	698682	14419.70	ng	94
12) C038 Acrylonitrile	6.94	53	4149792	2426.29	ng	97
13) C035 Acetone	6.10	43	2842274	2307.10	ng	93
14) C300 Acetonitrile	6.46	41	10914224	18668.29	ng	97
15) C276 Iodomethane	6.35	142	1905145	487.55	ng	99
16) C291 1,1,2 Trichloro-1,2,	6.10	101	1042087	466.92	ng	92
17) C962 T-butyl Methyl Ether	7.00	73	3420280	547.58	ng	# 85
18) C057 trans-1,2-Dichloroet	7.02	96	1116778	468.84	ng	# 87
19) C255 Methyl Acetate	6.50	43	2282339	457.72	ng	# 89
20) C050 1,1-Dichloroethane	7.52	63	2400009	465.50	ng	97
21) C125 Vinyl Acetate	7.49	43	14995113	2343.77	ng	# 92
22) C051 2,2-Dichloropropane	8.23	77	1414030	501.40	ng	96
23) C056 cis-1,2-Dichloroethe	8.20	96	1215112	470.94	ng	# 86
24) C272 Tetrahydrofuran	8.55	42	3127570	2301.35	ng	# 86
25) C222 Bromochloromethane	8.50	128	628183	487.00	ng	# 87
26) C060 Chloroform	8.55	83	1929952	463.87	ng	99
27) C115 1,1,1-Trichloroethan	8.85	97	1798979	510.06	ng	97
28) C120 Carbon tetrachloride	9.06	117	1449900	555.14	ng	99
29) C116 1,1-Dichloropropene	9.02	75	1502858	482.76	ng	94
32) C165 Benzene	9.29	78	4491399	467.87	ng	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8286.D
 Acq On : 11 Jun 2008 00:27
 Sample : VSTD100
 Misc :

Vial: 20
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 11 00:56:29 2008

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C065	1,2-Dichloroethane	9.27	62	1975640	468.56 ng	90
34) C110	2-Butanone	8.16	43	5174418	2421.55 ng	# 85
35) C256	Cyclohexane	8.94	56	2746458	496.07 ng	# 74
36) C150	Trichloroethene	10.04	95	1239285	484.06 ng	88
37) C140	1,2-Dichloropropane	10.33	63	1445044	471.90 ng	92
38) C278	Dibromomethane	10.49	93	816446	490.26 ng	91
39) C130	Bromodichloromethane	10.64	83	1555864	526.18 ng	97
40) C161	2-Chloroethylvinyl E	10.93	63	5131430	2365.87 ng	# 88
41) C012	Methylcyclohexane	10.33	83	1630670	495.63 ng	90
42) C145	cis-1,3-Dichloroprop	11.19	75	1891748	531.88 ng	91
45) C230	Toluene	11.66	92	2875732	475.74 ng	94
46) C170	trans-1,3-Dichloropr	11.88	75	1781897	538.83 ng	97
47) C284	Ethyl Methacrylate	11.91	69	1725199	535.55 ng	# 60
48) C160	1,1,2-Trichloroethan	12.14	83	952896	482.50 ng	90
49) C210	4-Methyl-2-pentanone	11.32	43	9445569	2211.76 ng	# 79
50) C220	Tetrachloroethene	12.41	166	1053467	456.69 ng	96
51) C221	1,3-Dichloropropane	12.39	76	1753516	454.07 ng	98
52) C155	Dibromochloromethane	12.73	129	1232592	575.98 ng	100
53) C163	1,2-Dibromoethane	12.93	107	1262511	497.76 ng	95
54) C215	2-Hexanone	12.40	43	6242324	2162.93 ng	89
55) C235	Chlorobenzene	13.59	112	3213864	475.76 ng	92
56) C281	1,1,1,2-Tetrachloroe	13.66	131	1105424	529.91 ng	97
57) C240	Ethylbenzene	13.69	91	5164516	476.24 ng	94
58) C246	m,p-Xylene	13.84	106	3957108	945.23 ng	91
59) C247	o-Xylene	14.43	106	2025540	474.78 ng	89
60) C245	Styrene	14.43	104	3368244	484.55 ng	93
63) C180	Bromoform	14.75	173	844862	626.86 ng	99
64) C966	Isopropylbenzene	14.93	105	5256594	498.49 ng	93
65) C301	Bromobenzene	15.46	156	1303131	479.01 ng	# 85
66) C225	1,1,2,2-Tetrachloroe	15.33	83	1590042	493.00 ng	98
67) C282	1,2,3-Trichloropropa	15.44	110	465330	466.55 ng	100
68) C283	t-1,4-Dichloro-2-But	15.40	51	1112722	2323.05 ng	83
69) C302	n-Propylbenzene	15.53	91	6218076	489.28 ng	90
70) C303	2-Chlorotoluene	15.72	126	1313239	490.93 ng	100
71) C289	4-Chlorotoluene	15.86	126	1332099	491.48 ng	100
72) C304	1,3,5-Trimethylbenze	15.76	105	4461816	494.57 ng	# 44
73) C306	tert-Butylbenzene	16.27	134	912651	508.68 ng	100
74) C307	1,2,4-Trimethylbenze	16.34	105	4524533	493.53 ng	96
75) C308	sec-Butylbenzene	16.60	105	5210968	506.58 ng	97
76) C260	1,3-Dichlorobenzene	16.83	146	2483487	471.58 ng	98
77) C309	4-Isopropyltoluene	16.79	119	4614052	507.39 ng	97
78) C267	1,4-Dichlorobenzene	16.95	146	2586168	473.13 ng	98
79) C249	1,2-Dichlorobenzene	17.53	146	2584344	479.19 ng	96
80) C310	n-Butylbenzene	17.41	91	4182959	499.25 ng	90
81) C286	1,2-Dibromo-3-Chloro	18.69	75	427733	579.62 ng	82
82) C313	1,2,4-Trichlorobenze	19.96	180	1902440	486.98 ng	97
83) C316	Hexachlorobutadiene	20.18	225	647127	493.68 ng	99
84) C314	Naphthalene	20.36	128	6134126	512.78 ng	97
85) C934	1,2,3-Trichlorobenze	20.75	180	1815649	485.97 ng	98

(#) = qualifier out of range (m) = manual integration
 P8286.D A8I0000432.M Wed Jun 11 00:57:32 2008

HP5973P

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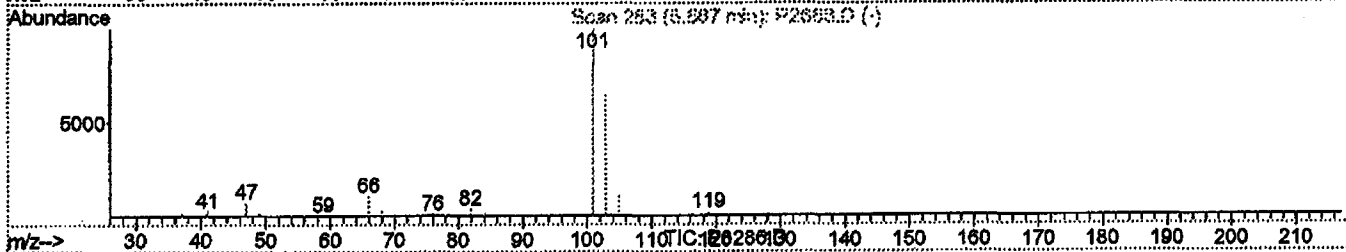
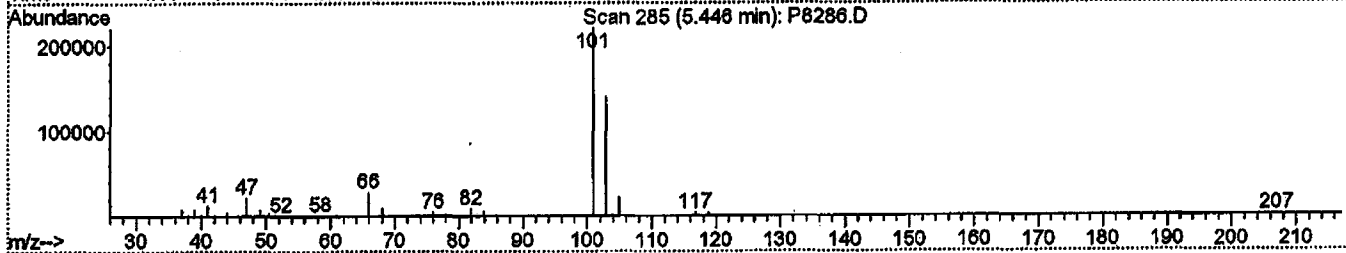
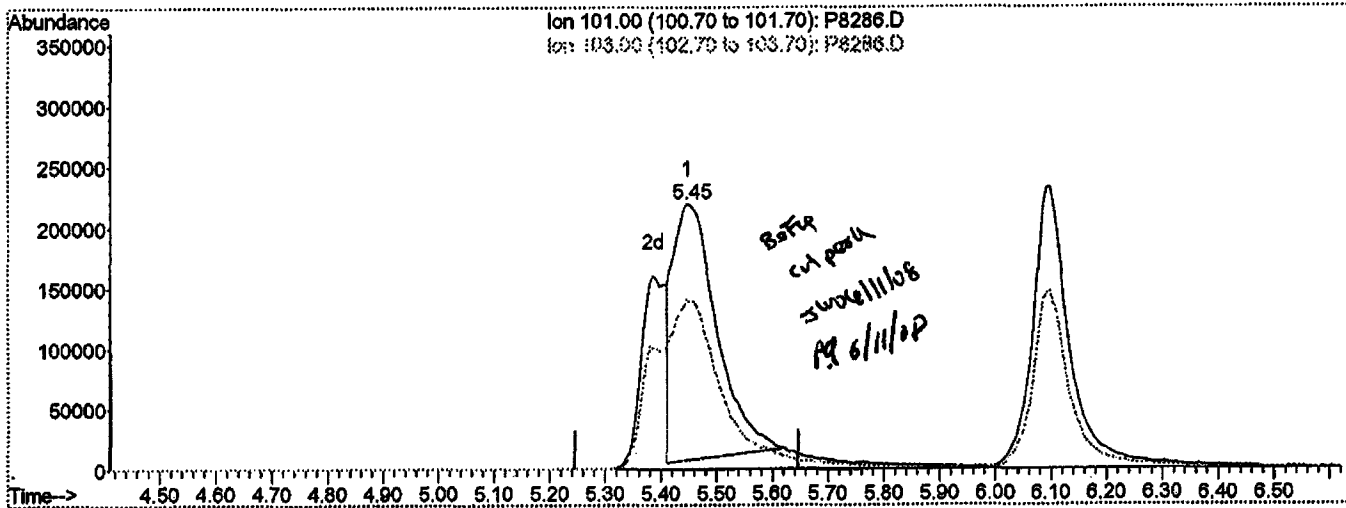
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8286.D
 Acq On : 11 Jun 2008 00:27
 Sample : VSTD100
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 0:56 2008

Vial: 20
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.45min 490.11ng

response 1166283

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	63.78
0.00	0.00	0.00
0.00	0.00	0.00

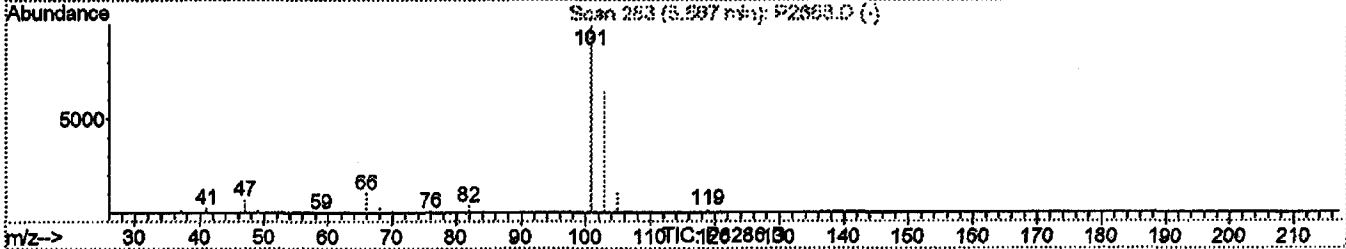
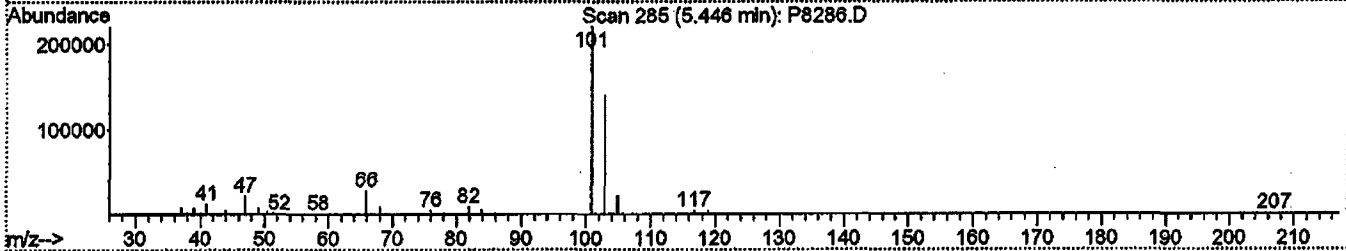
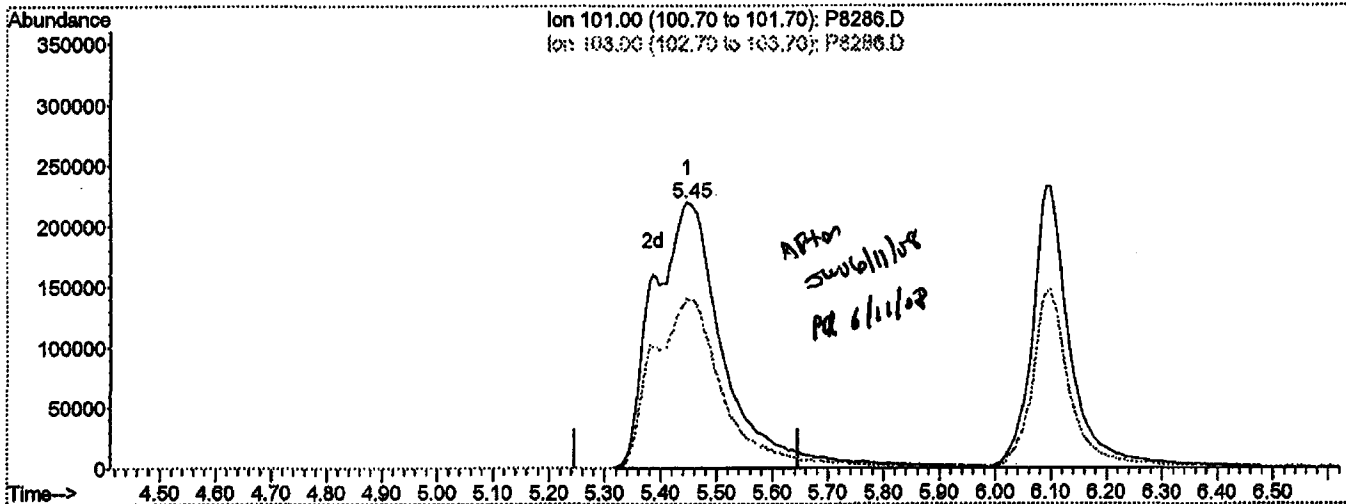
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8286.D
 Acq On : 11 Jun 2008 00:27
 Sample : VSTD100
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 0:56 2008

Vial: 20
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 00:55:47 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.45min 798.52ng m

response 1900193

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	63.78
0.00	0.00	0.00
0.00	0.00	0.00

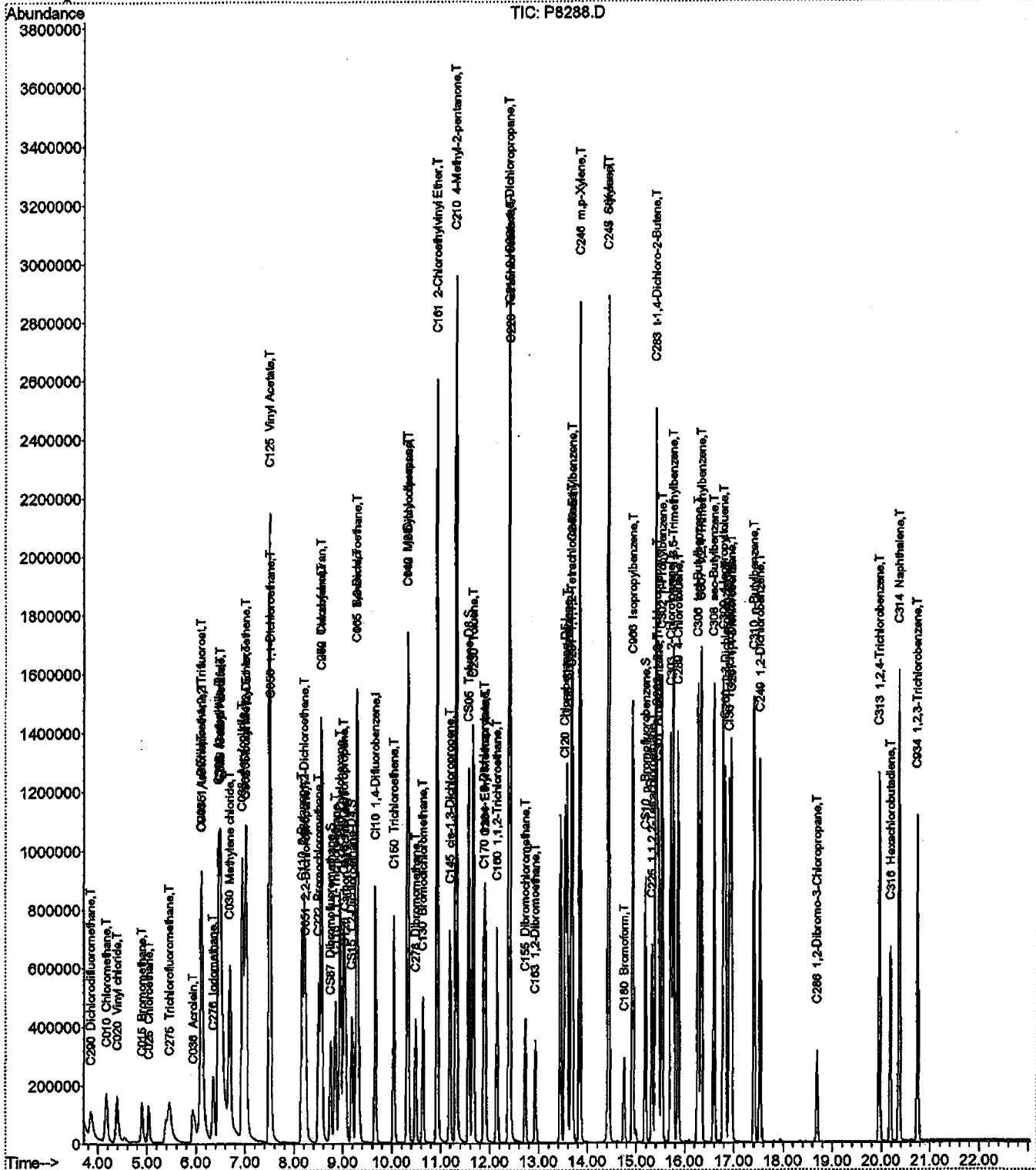
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\061008\P8288.D
Acq On : 11 Jun 2008 1:23
Sample : MSB/SSCAL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 11 8:14 2008

Vial: 22
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000432.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Wed Jun 11 08:13:21 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8288.D
 Acq On : 11 Jun 2008 1:23
 Sample : MSB/SSCAL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 08:13:41 2008

Vial: 22
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 08:13:21 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\P\061008\P8284.D (10 Jun 2008 23:31)

Stamps
6/11/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	823132	125.00	ng	0.00	102.43%
43) CI20 Chlorobenzene-D5	13.54	117	744358	125.00	ng	0.00	101.05%
62) CI30 1,4-Dichlorobenzene-	16.91	152	388098	125.00	ng	0.00	100.39%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.75	111	267937	117.01	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	93.61%	
31) CS15 1,2-Dichloroethane-D	9.18	65	364786	112.93	ng	0.00	
Spiked Amount	125.000	Range	66 - 137	Recovery	=	90.34%	
44) CS05 Toluene-D8	11.57	98	993018	119.56	ng	0.00	
Spiked Amount	125.000	Range	71 - 126	Recovery	=	95.65%	
61) CS10 p-Bromofluorobenzene	15.19	174	306070	116.83	ng	0.00	
Spiked Amount	125.000	Range	73 - 120	Recovery	=	93.46%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	3.86	85	243240	104.14	ng	98
3) C010 Chloromethane	4.18	50	363450	108.12	ng	100
4) C020 Vinyl chloride	4.39	62	317420	115.69	ng	97
5) C015 Bromomethane	4.90	94	143213	120.08	ng	98
6) C025 Chloroethane	5.04	64	165917	116.37	ng	96
7) C275 Trichlorofluorometha	5.46	101	453163m	115.88	ng	90
8) C045 1,1-Dichloroethene	6.12	96	278026	124.38	ng	# 82
9) C030 Methylene chloride	6.69	84	334998	124.58	ng	# 76
10) C040 Carbon disulfide	6.49	76	918045	124.25	ng	99
11) C036 Acrolein	5.93	56	286150	4893.65	ng	93
12) C038 Acrylonitrile	6.94	53	1135552	661.78	ng	97
13) C035 Acetone	6.10	43	779528	630.70	ng	96
14) C300 Acetonitrile	6.46	41	2943227	5017.95	ng	98
15) C276 Iodomethane	6.35	142	402195	102.59	ng	99
16) C291 1,1,2 Trichloro-1,2,	6.10	101	255478	114.10	ng	93
17) C962 T-butyl Methyl Ether	7.00	73	925758	130.31	ng	# 84
18) C057 trans-1,2-Dichloroet	7.02	96	288015	120.52	ng	# 89
19) C255 Methyl Acetate	6.50	43	571946	114.33	ng	# 89
20) C050 1,1-Dichloroethane	7.52	63	621674	120.19	ng	98
21) C125 Vinyl Acetate	7.50	43	4102419	639.14	ng	# 91
22) C051 2,2-Dichloropropane	8.24	77	329762	116.55	ng	97
23) C056 cis-1,2-Dichloroethe	8.21	96	315579	121.91	ng	# 86
24) C272 Tetrahydrofuran	8.56	42	857059	628.61	ng	# 84
25) C222 Bromochloromethane	8.51	128	157028	121.34	ng	# 88
26) C060 Chloroform	8.55	83	505316	121.06	ng	100
27) C115 1,1,1-Trichloroethan	8.85	97	431263	121.88	ng	97
28) C120 Carbon tetrachloride	9.06	117	336105	128.27	ng	99
29) C116 1,1-Dichloropropene	9.02	75	384174	123.01	ng	93
32) C165 Benzene	9.29	78	1182831	122.82	ng	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\061008\P8288.D
 Acq On : 11 Jun 2008 1:23
 Sample : MSB/SSCAL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 08:13:41 2008

Vial: 22
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 08:13:21 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C065	1,2-Dichloroethane	9.28	62	511611	120.94 ng	
34) C110	2-Butanone	8.16	43	1341795	625.91 ng	#
35) C256	Cyclohexane	8.94	56	704608	126.86 ng	#
36) C150	Trichloroethene	10.05	95	308798	120.22 ng	
37) C140	1,2-Dichloropropane	10.33	63	379501	123.53 ng	
38) C278	Dibromomethane	10.49	93	205981	123.29 ng	
39) C130	Bromodichloromethane	10.64	83	375951	126.73 ng	
40) C161	2-Chloroethylvinyl E	10.93	63	1358617	624.37 ng	
41) C012	Methylcyclohexane	10.33	83	417123	126.37 ng	
42) C145	cis-1,3-Dichloroprop	11.19	75	454179	127.28 ng	
45) C230	Toluene	11.66	92	730010	123.39 ng	
46) C170	trans-1,3-Dichloropr	11.88	75	412581	127.46 ng	
47) C284	Ethyl Methacrylate	11.91	69	420093	133.23 ng	#
48) C160	1,1,2-Trichloroethan	12.14	83	242590	125.50 ng	
49) C210	4-Methyl-2-pentanone	11.32	43	2707138	647.64 ng	#
50) C220	Tetrachloroethene	12.42	166	278558	123.37 ng	
51) C221	1,3-Dichloropropane	12.39	76	474594	125.56 ng	
52) C155	Dibromochloromethane	12.73	129	269399	128.62 ng	100
53) C163	1,2-Dibromoethane	12.93	107	308067	124.09 ng	
54) C215	2-Hexanone	12.40	43	1867673	661.17 ng	
55) C235	Chlorobenzene	13.59	112	809712	122.46 ng	
56) C281	1,1,1,2-Tetrachloroe	13.66	131	263589	129.10 ng	
57) C240	Ethylbenzene	13.69	91	1334778	125.75 ng	
58) C246	m,p-Xylene	13.84	106	1039328	253.65 ng	
59) C247	o-Xylene	14.43	106	530831	127.12 ng	
60) C245	Styrene	14.43	104	888651	130.61 ng	
63) C180	Bromoform	14.75	173	171304	117.79 ng	
64) C966	Isopropylbenzene	14.93	105	1236924	120.91 ng	
65) C301	Bromobenzene	15.46	156	333223	126.25 ng	#
66) C225	1,1,2,2-Tetrachloroe	15.33	83	430487	137.58 ng	
67) C282	1,2,3-Trichloropropa	15.43	110	109958	113.64 ng	100
68) C283	t-1,4-Dichloro-2-But	15.40	51	290440	625.01 ng	#
69) C302	n-Propylbenzene	15.53	91	1553778	126.02 ng	
70) C303	2-Chlorotoluene	15.72	126	333742	128.60 ng	100
71) C289	4-Chlorotoluene	15.86	126	332973	126.63 ng	100
72) C304	1,3,5-Trimethylbenze	15.76	105	1136041	129.80 ng	#
73) C306	tert-Butylbenzene	16.27	134	228704	131.39 ng	100
74) C307	1,2,4-Trimethylbenze	16.34	105	1168420	131.37 ng	
75) C308	sec-Butylbenzene	16.60	105	1394823	139.77 ng	
76) C260	1,3-Dichlorobenzene	16.83	146	637568	124.79 ng	
77) C309	4-Isopropyltoluene	16.79	119	1123957	127.40 ng	
78) C267	1,4-Dichlorobenzene	16.95	146	656790	123.85 ng	
79) C249	1,2-Dichlorobenzene	17.53	146	658457	125.85 ng	
80) C310	n-Butylbenzene	17.41	91	1055088	129.80 ng	
81) C286	1,2-Dibromo-3-Chloro	18.69	75	90973	117.36 ng	
82) C313	1,2,4-Trichlorobenze	19.96	180	497330	131.22 ng	
83) C316	Hexachlorobutadiene	20.18	225	163560	128.62 ng	
84) C314	Naphthalene	20.36	128	1565444	134.89 ng	
85) C934	1,2,3-Trichlorobenze	20.75	180	471455	130.07 ng	100

(#) = qualifier out of range (m) = manual integration
 P8288.D A8I0000432.M Wed Jun 11 08:15:54 2008

HP5973P

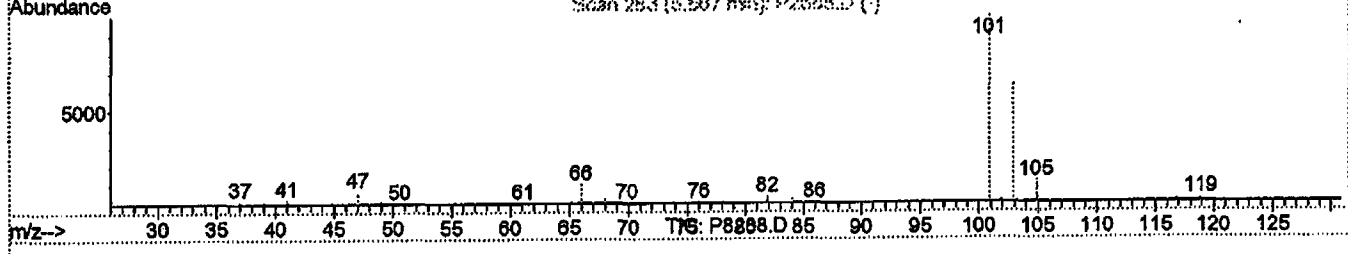
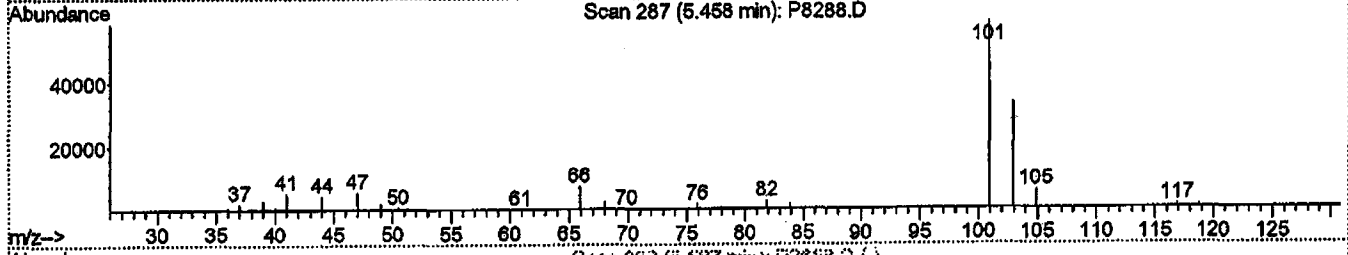
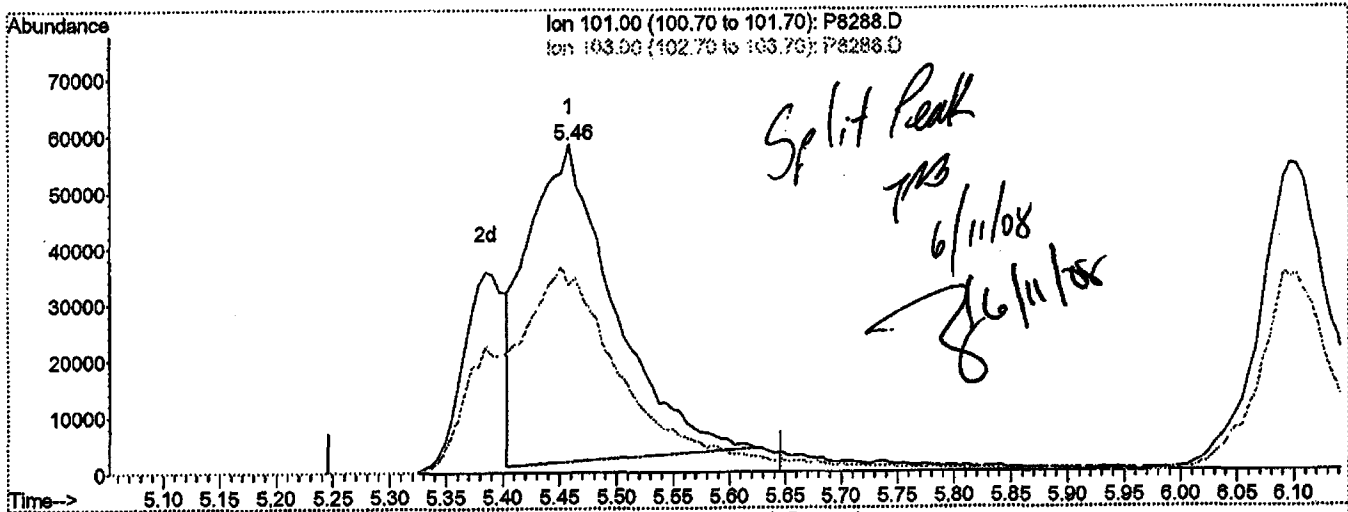
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\061008\P8288.D
 Acq On : 11 Jun 2008 1:23
 Sample : MSB/SSCAL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 8:13 2008

Vial: 22
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 08:13:21 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.46min 76.28ng

response 298326

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	57.13
0.00	0.00	0.00
0.00	0.00	0.00

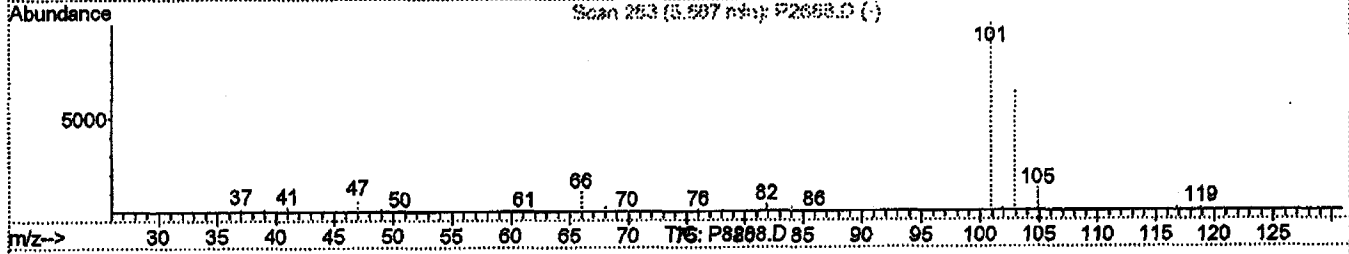
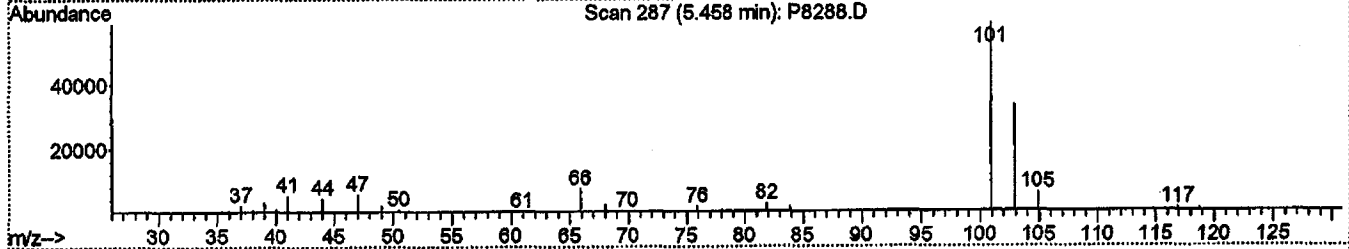
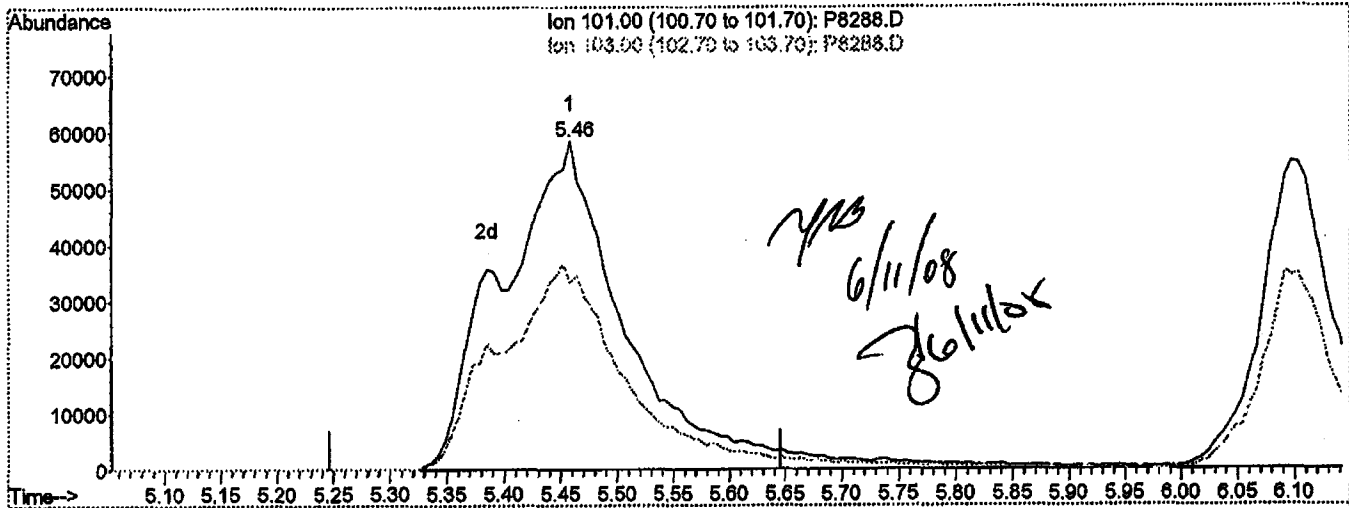
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\p\061008\p8288.D
 Acq On : 11 Jun 2008 1:23
 Sample : MSB/SSCAL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 11 8:14 2008

Vial: 22
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Wed Jun 11 08:13:21 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.46min 115.88ng m

response 453163

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	57.13
0.00	0.00	0.00
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001596-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: F2983.RR Calibration Date: 06/27/2008 Time: 20:24

Intrument ID: HP5973F Init. Calib. Date(s): 06/25/2008 06/25/2008

Heated Purge (Y/N): Y Init. Calib. Times: 02:39 04:21

GC Column: ZB-624 ID: 0.20 (mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Chloromethane	0.3300	0.2967	0.1000	10.100	100.00
Bromomethane	0.1210	0.1071		11.500	100.00
Vinyl chloride	0.2630	0.2250		14.400	20.00
Chloroethane	0.1180	0.1018		13.700	100.00
Methylene chloride	0.3610	0.3353		7.100	100.00
Acetone	0.0750	0.0692		7.700	100.00
Carbon Disulfide	0.7390	0.7388		0.000	100.00
1,1-Dichloroethene	0.1730	0.1631	0.1000	5.700	20.00
1,1-Dichloroethane	0.4870	0.4854	0.3000	0.300	100.00
cis-1,2-Dichloroethene	0.3010	0.3043		-1.100	100.00
trans-1,2-Dichloroethene	0.2760	0.2800		-1.400	100.00
Chloroform	0.4260	0.4323		-1.500	20.00
1,2-Dichloroethane	0.3430	0.3387		1.200	100.00
2-Butanone	0.1480	0.1503		-1.600	100.00
1,1,1-Trichloroethane	0.3370	0.3333		1.100	100.00
Carbon Tetrachloride	0.2510	0.2615		-4.200	100.00
Vinyl acetate	0.5370	0.5921		-10.300	100.00
Bromodichloromethane	0.2960	0.3147		-6.300	100.00
1,2-Dichloropropane	0.2980	0.2966		0.500	20.00
cis-1,3-Dichloropropene	0.4140	0.4297		-3.800	100.00
Trichloroethene	0.2580	0.2617		-1.400	100.00
Dibromochloromethane	0.4240	0.4625		-9.100	100.00
1,1,2-Trichloroethane	0.3990	0.4187		-4.900	100.00
Benzene	1.0820	1.0884		-0.600	100.00
trans-1,3-Dichloropropene	0.7380	0.7792		-5.600	100.00
Bromoform	0.2610	0.2934	0.1000	-12.400	100.00
4-Methyl-2-pentanone	0.6190	0.6275		-1.400	100.00
2-Hexanone	0.4430	0.4481		-1.200	100.00
Tetrachloroethene	0.5200	0.5164		0.700	100.00
1,1,2,2-Tetrachloroethane	0.7020	0.7471	0.3000	-6.400	100.00
Toluene	1.3930	1.3660		1.900	20.00
Chlorobenzene	1.4390	1.4435	0.3000	-0.300	100.00
Ethylbenzene	2.4740	2.5075		-1.400	20.00
Styrene	1.5130	1.5814		-4.500	100.00
Total Xylenes	0.9320	0.9285		0.400	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.1790	0.1661		7.200	100.00
1,2,4-Trichlorobenzene	0.9150	0.9076		0.800	100.00
1,2,4-Trimethylbenzene	2.1830	2.1585		1.100	100.00
1,2-Dibromo-3-chloropropane	0.1150	0.1189		-3.400	100.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001596-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: F2983.RR Calibration Date: 06/27/2008 Time: 20:24

Intrument ID: HP5973F Init. Calib. Date(s): 06/25/2008 06/25/2008

Heated Purge (Y/N): Y Init. Calib. Times: 02:39 04:21

GC Column: ZB-624 ID: 0.20(mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
1,2-Dibromoethane	0.4610	0.4745		-2.900	100.00
1,2-Dichlorobenzene	1.1870	1.1720		1.300	100.00
1,3,5-Trimethylbenzene	2.1080	2.0774		1.400	100.00
1,3-Dichlorobenzene	1.2310	1.2062		2.000	100.00
1,4-Dichlorobenzene	1.2520	1.2278		1.900	100.00
p-Cymene	2.3250	2.2330		4.000	100.00
Cyclohexane	0.5360	0.5043		5.900	100.00
Dichlorodifluoromethane	0.1770	0.1790		-1.100	100.00
Methyl acetate	0.3820	0.3022		20.900	100.00
Naphthalene	2.3030	2.3449		-1.800	100.00
Trichlorofluoromethane	0.2490	0.2225		10.600	100.00
n-Butylbenzene	2.2820	2.2626		0.900	100.00
n-Propylbenzene	3.2270	3.1848		1.300	100.00
sec-Butylbenzene	2.6250	2.7429		-4.500	100.00
Methyl-t-Butyl Ether (MTBE)	0.7940	0.8238		-3.800	100.00
tert-Butylbenzene	0.4700	0.4575		2.600	100.00
Isopropylbenzene	2.4950	2.2572		9.500	100.00
Methylcyclohexane	0.4780	0.4566		4.500	100.00
=====					
Toluene-D8	2.5270	2.7403		-8.400	100.00
p-Bromofluorobenzene	0.7450	0.7710		-3.500	100.00
1,2-Dichloroethane-D4	0.3530	0.3582		-1.500	100.00

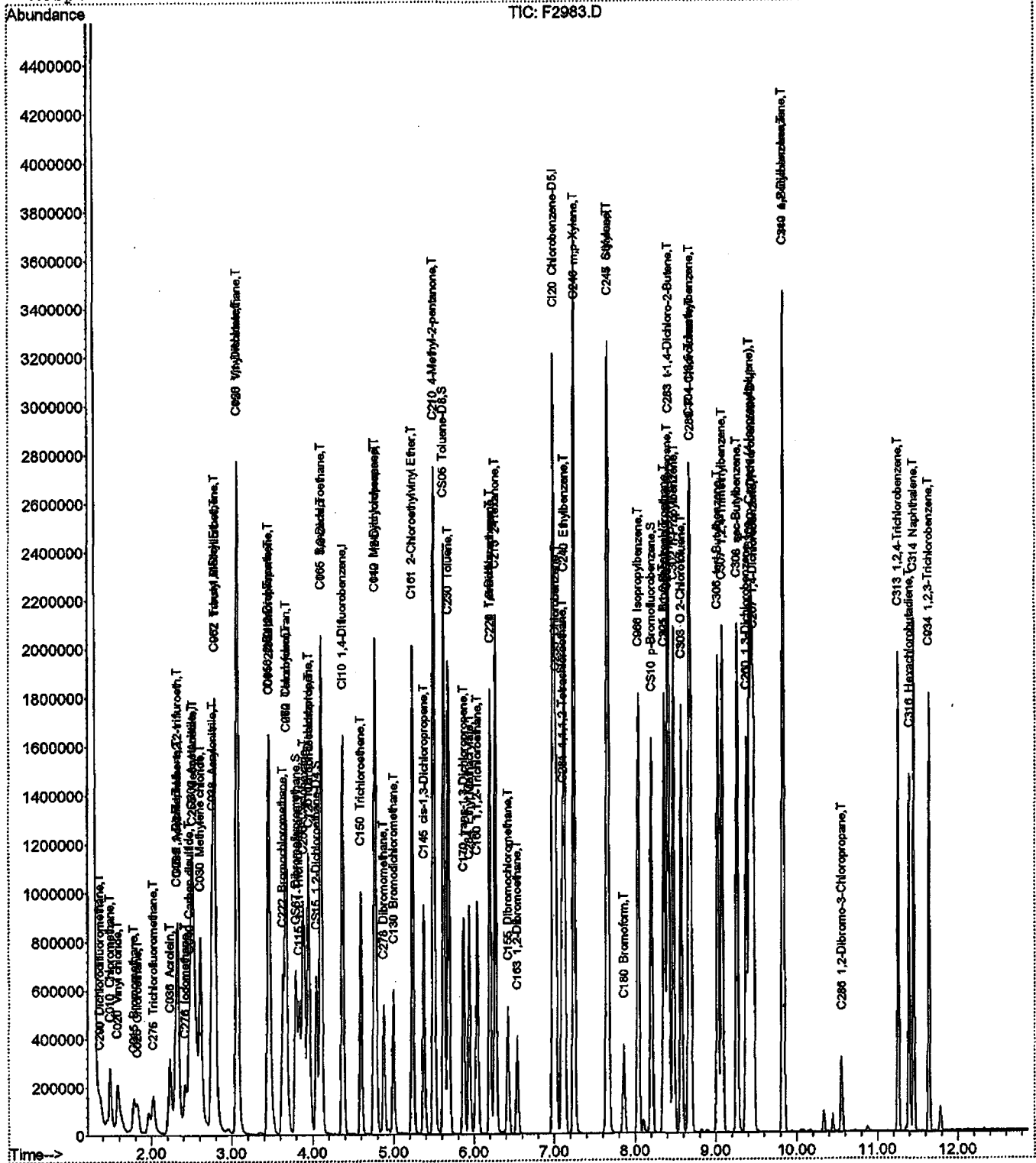
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\062708\F2983.D
Acq On : 27 Jun 2008 20:24
Sample : MSB-FULL 300612768
Misc : VSTD0.5
MS Integration Params: RTEINT.P
Quant Time: Jun 27 21:09 2008

Vial: 22
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Jun 26 10:07:17 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\062708\F2983.D
 Acq On : 27 Jun 2008 20:24
 Sample : ~~MSB-FULL~~ JW06/23/08
 Misc : V57005
 MS Integration Params: RTEINT.P
 Quant Time: Jun 27 21:08:54 2008

Vial: 22
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Thu Jun 26 10:07:17 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\062608\F2963.D (26 Jun 2008 8:41)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1307252	250.00	ng	0.00 96.27%
43) CI20 Chlorobenzene-D5	6.99	82	632574	250.00	ng	0.00 97.36%
63) CI30 1,4-Dichlorobenzene-	9.44	152	574784	250.00	ng	0.00 99.05%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.80	111	413818	266.69	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	106.68%
32) CS15 1,2-Dichloroethane-D	4.05	65	468203	253.88	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	101.55%
44) CS05 Toluene-D8	5.62	98	1733428	271.09	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	108.44%
62) CS10 p-Bromofluorobenzene	8.20	174	487704	258.87	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	103.55%

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	1.37	85	233962	252.40	ng	99
3) C010 Chloromethane	1.49	50	387813	224.69	ng	98
4) C020 Vinyl chloride	1.58	62	294184	214.10	ng	98
5) C015 Bromomethane	1.78	94	140014	220.62	ng	90
6) C025 Chloroethane	1.83	64	133117	215.47	ng	99
7) C275 Trichlorofluorometha	2.02	101	290919m	223.85	ng	95
8) C291 1,1,2-Trichloro-1,2,	2.33	101	217183	231.78	ng	94
9) C045 1,1-Dichloroethene	2.31	96	213148	235.11	ng	# 68
10) C030 Methylene chloride	2.61	84	438341	270.04	ng	88
11) C040 Carbon disulfide	2.47	76	965823	249.95	ng	96
12) C036 Acrolein	2.23	56	421915	6214.96	ng	96
13) C038 Acrylonitrile	2.76	53	832794	1319.80	ng	99
14) C035 Acetone	2.33	43	452217	1147.65	ng	95
15) C300 Acetonitrile	2.51	41	2213348	10358.02	ng	100
16) C276 Iodomethane	2.42	142	365262	201.27	ng	99
17) C255 Methyl Acetate	2.53	43	395110	197.85	ng	95
18) C962 T-butyl Methyl Ether	2.79	73	1076953	259.34	ng	87
19) C057 trans-1,2-Dichloroet	2.79	96	366093	253.75	ng	90
20) C050 1,1-Dichloroethane	3.06	63	634504	248.98	ng	98
21) C125 Vinyl Acetate	3.07	43	3870195	1377.39	ng	97
22) C051 2,2-Dichloropropane	3.47	77	435632	252.80	ng	88
23) C056 cis-1,2-Dichloroethe	3.46	96	397749	252.43	ng	93
24) C272 Tetrahydrofuran	3.67	42	687487	1289.34	ng	98
25) C222 Bromochloromethane	3.63	128	180854	254.43	ng	88
26) C060 Chloroform	3.68	83	565147	253.77	ng	97
28) C256 Cyclohexane	3.89	56	659296	235.18	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	435761	247.18	ng	97
30) C120 Carbon tetrachloride	3.96	117	341858	260.36	ng	89
31) C116 1,1-Dichloropropene	3.95	75	440689	252.20	ng	88

(#) = qualifier out of range (m) = manual integration
 F2983.D A8I00000477.M Fri Jun 27 21:09:24 2008

HP5973P

Page 1

Quantitation Report

Data File : H:\GCMS_VOA\F\062708\F2983.D
 Acq On : 27 Jun 2008 20:24
 Sample : ~~MSB FULL~~ 3006/27/08
 Misc : V570050
 MS Integration Params: RTEINT.P
 Quant Time: Jun 27 21:08:54 2008

Vial: 22
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Thu Jun 26 10:07:17 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	1422765	251.42	ng	98
34) C065 1,2-Dichloroethane	4.11	62	442810	247.17	ng	87
35) C110 2-Butanone	3.45	43	982114	1267.10	ng	92
36) C150 Trichloroethene	4.60	95	342167	253.96	ng	97
37) C161 2-Chloroethylvinyl E	5.24	63	897184	1303.39	ng	# 77
38) C012 Methylcyclohexane	4.77	83	596828	238.60	ng	83
39) C140 1,2-Dichloropropane	4.78	63	387743	249.06	ng	100
40) C278 Dibromomethane	4.88	93	209192	260.10	ng	96
41) C130 Bromodichloromethane	5.00	83	411361	265.74	ng	98
42) C145 cis-1,3-Dichloroprop	5.38	75	561781	259.82	ng	96
45) C230 Toluene	5.68	92	864121	245.15	ng	89
46) C170 trans-1,3-Dichloropr	5.87	75	492896	263.87	ng	96
47) C284 Ethyl Methacrylate	5.95	69	499051	258.79	ng	88
48) C160 1,1,2-Trichloroethan	6.04	83	264846	262.21	ng	94
49) C210 4-Methyl-2-pentanone	5.50	43	1984578	1267.25	ng	94
50) C220 Tetrachloroethene	6.20	166	326691	248.33	ng	94
51) C221 1,3-Dichloropropane	6.21	76	543786	256.60	ng	98
52) C155 Dibromochloromethane	6.43	129	292551	272.45	ng	82
53) C163 1,2-Dibromoethane	6.54	107	300166	257.08	ng	89
54) C215 2-Hexanone	6.27	43	1417415	1265.02	ng	90
55) C235 Chlorobenzene	7.02	112	913107	250.81	ng	98
56) C281 1,1,1,2-Tetrachloroe	7.10	131	288857	257.04	ng	97
57) C240 Ethylbenzene	7.13	91	1586187	253.39	ng	99
58) C246 m,p-Xylene	7.25	106	1181240	501.24	ng	98
59) C247 o-Xylene	7.65	106	587365	249.02	ng	# 82
60) C245 Styrene	7.67	104	1000333	261.25	ng	99
61) C180 Bromoform	7.86	173	185626	257.22	ng	84
64) C966 Isopropylbenzene	8.04	105	1297377	226.19	ng	94
65) C301 Bromobenzene	8.37	156	366696	252.02	ng	98
66) C225 1,1,2,2-Tetrachloroe	8.35	83	429424	265.90	ng	94
67) C282 1,2,3-Trichloropropa	8.40	110	101705	225.47	ng	100
68) C283 t-1,4-Dichloro-2-But	8.42	53	550782	1155.44	ng	# 76
69) C302 n-Propylbenzene	8.48	91	1830548	246.75	ng	97
70) C303 O 2-Chlorotoluene	8.57	126	373696	252.59	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	371851	246.36	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	1194049	246.37	ng	84
73) C306 tert-Butylbenzene	9.02	134	262986	243.42	ng	88
74) C307 1,2,4-Trimethylbenze	9.08	105	1240650	247.24	ng	94
75) C308 sec-Butylbenzene	9.26	105	1576578	261.19	ng	93
76) C260 1,3-Dichlorobenzene	9.38	146	693286	244.95	ng	98
77) C309 p-Cymene (4-Isopropy	9.42	119	1283495	240.08	ng	96
78) C267 1,4-Dichlorobenzene	9.47	146	705745	245.24	ng	98
79) C249 1,2-Dichlorobenzene	9.84	146	673639	246.76	ng	97
80) C310 n-Butylbenzene	9.83	91	1300509	247.85	ng	99
81) C286 1,2-Dibromo-3-Chloro	10.56	75	68348	257.51	ng	97
82) C313 1,2,4-Trichlorobenze	11.26	180	521696	247.89	ng	98
83) C316 Hexachlorobutadiene	11.40	225	239256	232.81	ng	96
84) C314 Naphthalene	11.45	128	1347810	254.58	ng	95
85) C934 1,2,3-Trichlorobenze	11.64	180	490623	245.95	ng	99

(#) = qualifier out of range (m) = manual integration
 F2983.D A8I00000477.M Fri Jun 27 21:09:25 2008

HP5973P

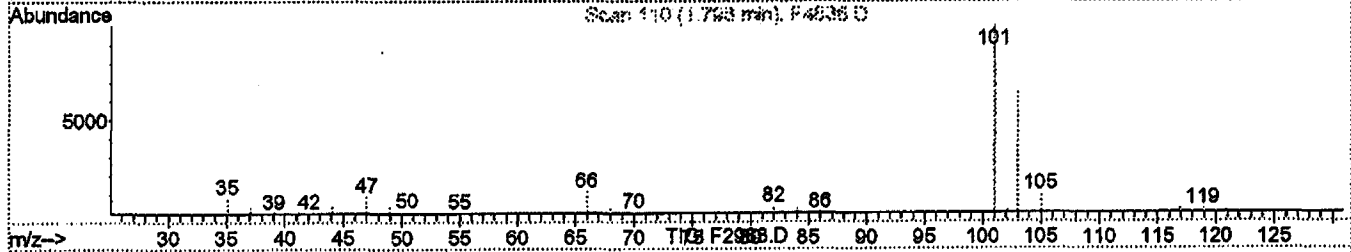
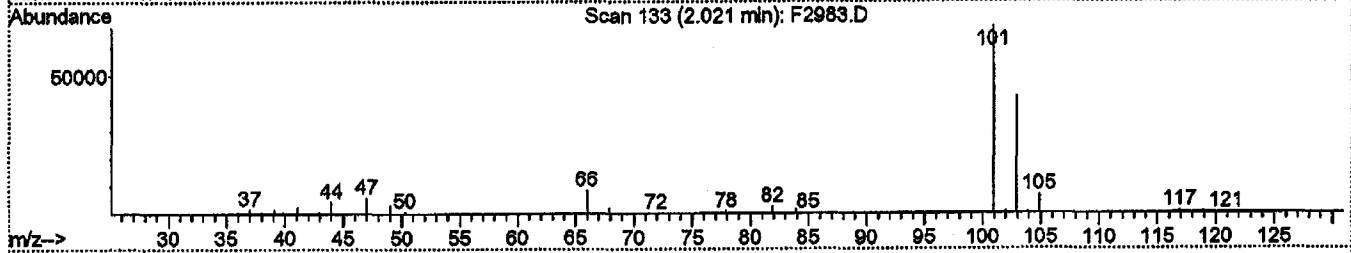
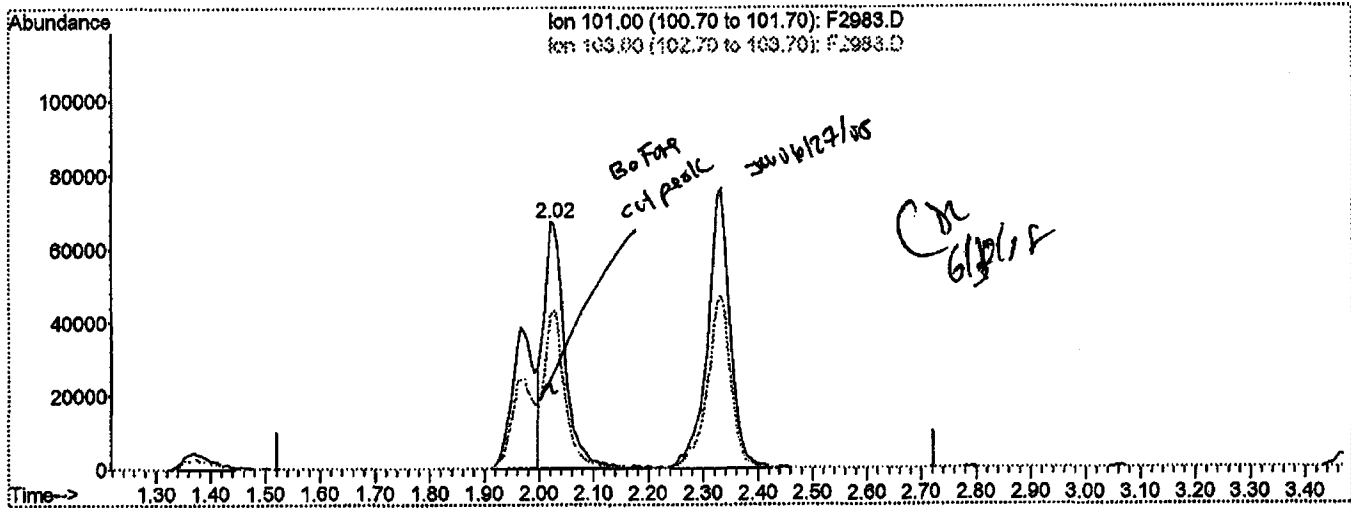
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062708\F2983.D
 Acq On : 27 Jun 2008 20:24
 Sample : ~~MSB-F012~~ 3006/29/08
 Misc : V5700.50
 MS Integration Params: RTEINT.P
 Quant Time: Jun 27 21:08 2008

Vial: 22
 Operator: JLG
 Inst : HP5973P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Thu Jun 26 10:07:17 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 140.11ng

response 182080

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	62.74
0.00	0.00	0.00
0.00	0.00	0.00

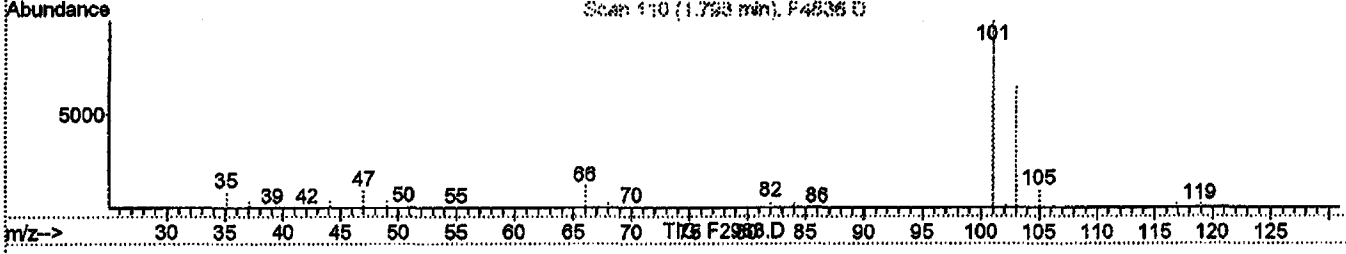
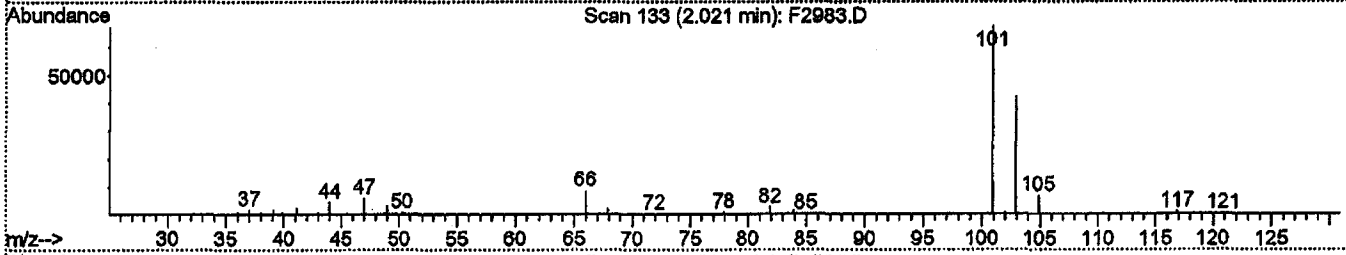
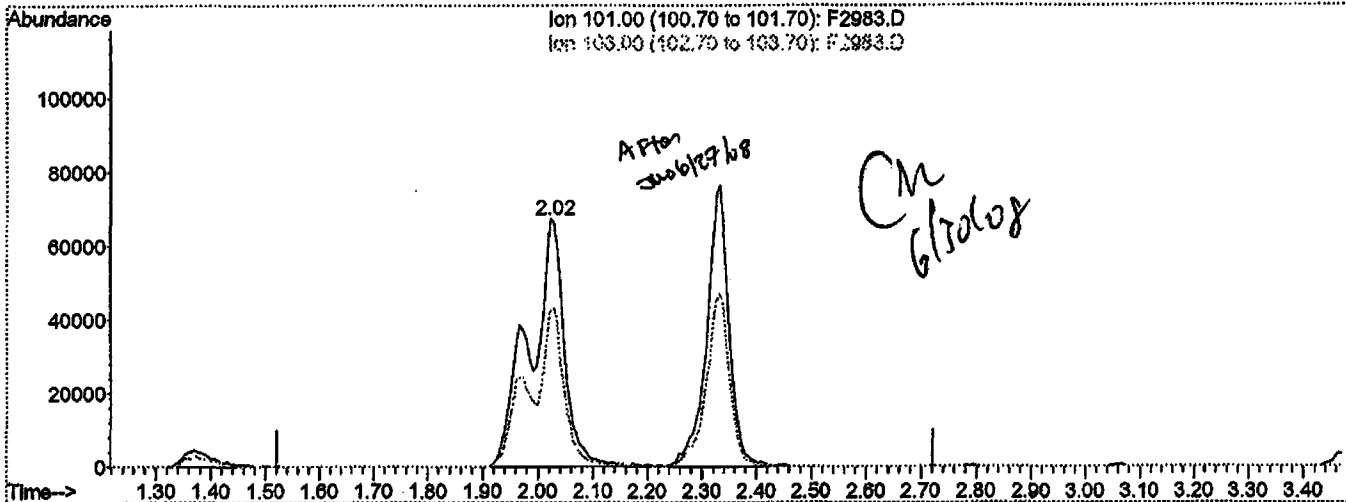
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062708\F2983.D
 Acq On : 27 Jun 2008 20:24
 Sample : ~~MSB-PHIL~~ *in 06/27/08*
 Misc : *V570050*
 MS Integration Params: RTEINT.P
 Quant Time: Jun 27 21:09 2008

Vial: 22
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Thu Jun 26 10:07:17 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 223.85ng m

response 290919

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	62.74
0.00	0.00	0.00
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001609-1

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: F3029.RR Calibration Date: 07/01/2008 Time: 08:32

Intrument ID: HP5973F Init. Calib. Date(s): 06/25/2008 06/25/2008

Heated Purge (Y/N): Y Init. Calib. Times: 02:39 04:21

GC Column: ZB-624 ID: 0.20 (mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Chloromethane	0.3300	0.3887	0.1000	-17.800	100.00
Bromomethane	0.1210	0.1428		-18.000	100.00
Vinyl chloride	0.2630	0.3092		-17.600	20.00
Chloroethane	0.1180	0.1285		-8.900	100.00
Methylene chloride	0.3610	0.3557		1.500	100.00
Acetone	0.0750	0.0745		0.700	100.00
Carbon Disulfide	0.7390	0.9171		-24.100	100.00
1,1-Dichloroethene	0.1730	0.2073	0.1000	-19.800	20.00
1,1-Dichloroethane	0.4870	0.5513	0.3000	-13.200	100.00
cis-1,2-Dichloroethene	0.3010	0.3352		-11.400	100.00
trans-1,2-Dichloroethene	0.2760	0.3182		-15.300	100.00
Chloroform	0.4260	0.4823		-13.200	20.00
1,2-Dichloroethane	0.3430	0.3516		-2.500	100.00
2-Butanone	0.1480	0.1450		2.000	100.00
1,1,1-Trichloroethane	0.3370	0.3889		-15.400	100.00
Carbon Tetrachloride	0.2510	0.3009		-19.900	100.00
Vinyl acetate	0.5370	0.5735		-6.800	100.00
Bromodichloromethane	0.2960	0.3239		-9.400	100.00
1,2-Dichloropropane	0.2980	0.3142		-5.400	20.00
cis-1,3-Dichloropropene	0.4140	0.4400		-6.300	100.00
Trichloroethene	0.2580	0.2901		-12.400	100.00
Dibromochloromethane	0.4240	0.4586		-8.200	100.00
1,1,2-Trichloroethane	0.3990	0.4125		-3.400	100.00
Benzene	1.0820	1.2027		-11.200	100.00
trans-1,3-Dichloropropene	0.7380	0.7883		-6.800	100.00
Bromoform	0.2610	0.2849	0.1000	-9.200	100.00
4-Methyl-2-pentanone	0.6190	0.6176		0.200	100.00
2-Hexanone	0.4430	0.4323		2.400	100.00
Tetrachloroethene	0.5200	0.5767		-10.900	100.00
1,1,2,2-Tetrachloroethane	0.7020	0.7304	0.3000	-4.000	100.00
Toluene	1.3930	1.5271		-9.600	20.00
Chlorobenzene	1.4390	1.5656	0.3000	-8.800	100.00
Ethylbenzene	2.4740	2.7869		-12.600	20.00
Styrene	1.5130	1.6563		-9.500	100.00
Total Xylenes	0.9320	1.0154		-8.900	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.1790	0.2175		-21.500	100.00
1,2,4-Trichlorobenzene	0.9150	0.9219		-0.800	100.00
1,2,4-Trimethylbenzene	2.1830	2.3929		-9.600	100.00
1,2-Dibromo-3-chloropropane	0.1150	0.1147		0.300	100.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001609-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: F3029.RR Calibration Date: 07/01/2008 Time: 08:32

Intrument ID: HP5973F Init. Calib. Date(s): 06/25/2008 06/25/2008

Heated Purge (Y/N): Y Init. Calib. Times: 02:39 04:21

GC Column: ZB-624 ID: 0.20 (mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
1,2-Dibromoethane	0.4610	0.4751		-3.000	100.00
1,2-Dichlorobenzene	1.1870	1.2426		-4.700	100.00
1,3,5-Trimethylbenzene	2.1080	2.3806		-12.900	100.00
1,3-Dichlorobenzene	1.2310	1.3254		-7.700	100.00
1,4-Dichlorobenzene	1.2520	1.3239		-5.700	100.00
p-Cymene	2.3250	2.6392		-13.500	100.00
Cyclohexane	0.5360	0.5975		-11.500	100.00
Dichlorodifluoromethane	0.1770	0.2570		-45.200	100.00
Methyl acetate	0.3820	0.3946		-3.300	100.00
Naphthalene	2.3030	2.1290		7.600	100.00
Trichlorofluoromethane	0.2490	0.2932		-17.800	100.00
n-Butylbenzene	2.2820	2.6176		-14.700	100.00
n-Propylbenzene	3.2270	3.7357		-15.800	100.00
sec-Butylbenzene	2.6250	2.9913		-14.000	100.00
Methyl-t-Butyl Ether (MTBE)	0.7940	0.8210		-3.400	100.00
tert-Butylbenzene	0.4700	0.5336		-13.500	100.00
Isopropylbenzene	2.4950	2.8365		-13.700	100.00
Methylcyclohexane	0.4780	0.5366		-12.200	100.00
=====					
Toluene-D8	2.5270	2.7144		-7.400	100.00
p-Bromofluorobenzene	0.7450	0.7571		-1.600	100.00
1,2-Dichloroethane-D4	0.3530	0.3488		1.200	100.00

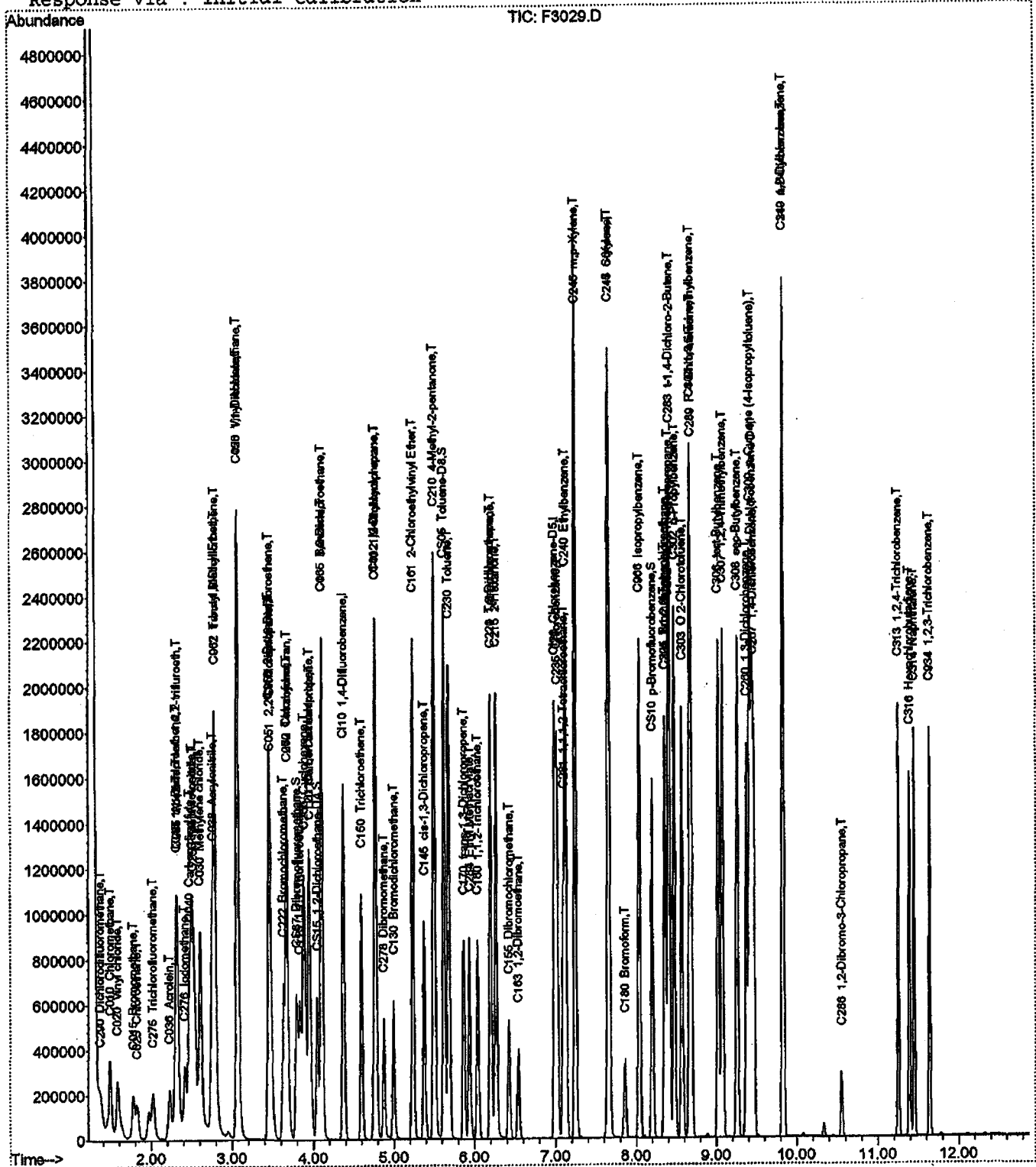
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\070108\F3029.D
Acq On : 1 Jul 2008 8:32
Sample : VSTD050
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 1 9:51 2008

Vial: 2
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 07:46:54 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\070108\F3029.D
 Acq On : 1 Jul 2008 8:32
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 01 09:51:01 2008

Vial: 2
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 07:46:54 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\063008\F3003.D (30 Jun 2008 21:15)

S+E
7/1/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1301198	250.00	ng	0.00 90.26%
43) CI20 Chlorobenzene-D5	6.99	82	627774	250.00	ng	0.00 90.60%
63) CI30 1,4-Dichlorobenzene-	9.44	152	554779	250.00	ng	0.00 91.18%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	407435	263.80	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	105.52%
32) CS15 1,2-Dichloroethane-D	4.05	65	453830	247.23	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	98.89%
44) CS05 Toluene-D8	5.62	98	1704060	268.53	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	107.41%
62) CS10 p-Bromofluorobenzene	8.20	174	475318	254.22	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	101.69%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	1.37	85	334343	362.36	ng	99
3) C010 Chloromethane	1.49	50	505752	294.39	ng	98
4) C020 Vinyl chloride	1.58	62	402292	294.14	ng	95
5) C015 Bromomethane	1.78	94	185759	294.06	ng	94
6) C025 Chloroethane	1.83	64	167159	271.84	ng	89
7) C275 Trichlorofluorometha	2.02	101	381554m	294.96	ng	95
8) C291 1,1,2-Trichloro-1,2,	2.33	101	283074	303.50	ng	93
9) C045 1,1-Dichloroethene	2.31	96	269773	298.96	ng	91
10) C030 Methylene chloride	2.61	84	462872	288.35	ng	88
11) C040 Carbon disulfide	2.47	76	1193346	310.27	ng	97
12) C036 Acrolein	2.23	56	292325	4326.09	ng	98
13) C038 Acrylonitrile	2.76	53	774631	1233.34	ng	99
14) C035 Acetone	2.32	43	484405	1235.05	ng	96
15) C300 Acetonitrile	2.51	41	2044796	9613.76	ng	100
16) C276 Iodomethane	2.42	142	514598	284.87	ng	99
17) C255 Methyl Acetate	2.53	43	513445	258.30	ng	94
18) C962 T-butyl Methyl Ether	2.78	73	1068263	258.44	ng	86
19) C057 trans-1,2-Dichloroet	2.79	96	414010	288.30	ng	90
20) C050 1,1-Dichloroethane	3.06	63	717406	282.82	ng	99
21) C125 Vinyl Acetate	3.07	43	3731251	1334.12	ng	96
22) C051 2,2-Dichloropropane	3.48	77	508725	296.59	ng	95
23) C056 cis-1,2-Dichloroethe	3.46	96	436198	278.12	ng	97
24) C272 Tetrahydrofuran	3.67	42	644812	1214.93	ng	97
25) C222 Bromochloromethane	3.63	128	187441	264.92	ng	# 77
26) C060 Chloroform	3.68	83	627576	283.12	ng	99
28) C256 Cyclohexane	3.89	56	777449	278.62	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	505999	288.36	ng	96
30) C120 Carbon tetrachloride	3.96	117	391505	299.55	ng	98
31) C116 1,1-Dichloropropene	3.94	75	500326	287.67	ng	88

(#) = qualifier out of range (m) = manual integration
 F3029.D A8I00000477.M Tue Jul 01 09:51:50 2008

HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\F\070108\F3029.D
 Acq On : 1 Jul 2008 8:32
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 01 09:51:01 2008

Vial: 2
 Operator: LH
 Inst : HP5973P
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 07:46:54 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	1564959	277.84	ng	97
34) C065 1,2-Dichloroethane	4.11	62	457513	256.56	ng	86
35) C110 2-Butanone	3.45	43	943557	1223.02	ng	94
36) C150 Trichloroethene	4.60	95	377444	281.45	ng	97
37) C161 2-Chloroethylvinyl E	5.23	63	1020040	1488.76	ng	# 76
38) C012 Methylcyclohexane	4.77	83	698270	280.45	ng	82
39) C140 1,2-Dichloropropane	4.78	63	408789	263.80	ng	100
40) C278 Dibromomethane	4.88	93	208601	260.57	ng	92
41) C130 Bromodichloromethane	5.00	83	421483	273.54	ng	99
42) C145 cis-1,3-Dichloroprop	5.38	75	572542	266.03	ng	96
45) C230 Toluene	5.68	92	958662	274.05	ng	91
46) C170 trans-1,3-Dichloropr	5.87	75	494849	266.94	ng	94
47) C284 Ethyl Methacrylate	5.95	69	482237	251.98	ng	89
48) C160 1,1,2-Trichloroethan	6.04	83	258941	258.32	ng	93
49) C210 4-Methyl-2-pentanone	5.50	43	1938571	1247.33	ng	93
50) C220 Tetrachloroethene	6.20	166	362053	277.32	ng	96
51) C221 1,3-Dichloropropane	6.21	76	539285	256.42	ng	95
52) C155 Dibromochloromethane	6.43	129	287910	270.18	ng	81
53) C163 1,2-Dibromoethane	6.54	107	298255	257.39	ng	91
54) C215 2-Hexanone	6.27	43	1357068	1220.42	ng	91
55) C235 Chlorobenzene	7.02	112	982814	272.02	ng	96
56) C281 1,1,1,2-Tetrachloroe	7.10	131	301654	270.48	ng	98
57) C240 Ethylbenzene	7.13	91	1749553	281.62	ng	100
58) C246 m,p-Xylene	7.25	106	1289077	551.18	ng	95
59) C247 o-Xylene	7.65	106	637426	272.31	ng	# 80
60) C245 Styrene	7.67	104	1039777	273.62	ng	99
61) C180 Bromoform	7.86	173	178832	250.32	ng	83
64) C966 Isopropylbenzene	8.04	105	1573619	284.24	ng	93
65) C301 Bromobenzene	8.37	156	375422	267.32	ng	96
66) C225 1,1,2,2-Tetrachloroe	8.35	83	405226	259.96	ng	91
67) C282 1,2,3-Trichloropropa	8.40	110	107397	246.68	ng	100
68) C283 t-1,4-Dichloro-2-But	8.42	53	595678	1294.69	ng	76
69) C302 n-Propylbenzene	8.48	91	2072508	289.44	ng	95
70) C303 O 2-Chlorotoluene	8.57	126	397072	278.06	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	408116	280.14	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	1320721	282.33	ng	84
73) C306 tert-Butylbenzene	9.02	134	296044	283.90	ng	95
74) C307 1,2,4-Trimethylbenze	9.08	105	1327539	274.09	ng	95
75) C308 sec-Butylbenzene	9.26	105	1659529	284.85	ng	92
76) C260 1,3-Dichlorobenzene	9.38	146	735306	269.17	ng	99
77) C309 p-Cymene (4-Isopropy	9.42	119	1464198	283.76	ng	96
78) C267 1,4-Dichlorobenzene	9.47	146	734484	264.43	ng	99
79) C249 1,2-Dichlorobenzene	9.84	146	689358	261.62	ng	97
80) C310 n-Butylbenzene	9.83	91	1452195	286.74	ng	99
81) C286 1,2-Dibromo-3-Chloro	10.56	75	63637	248.41	ng	97
82) C313 1,2,4-Trichlorobenze	11.26	180	511442	251.78	ng	98
83) C316 Hexachlorobutadiene	11.40	225	260877	263.00	ng	99
84) C314 Naphthalene	11.45	128	1181104	231.14	ng	97
85) C934 1,2,3-Trichlorobenze	11.64	180	475756	247.10	ng	99

(#) = qualifier out of range (m) = manual integration
 F3029.D A8I00000477.M Tue Jul 01 09:51:50 2008

HP5973P

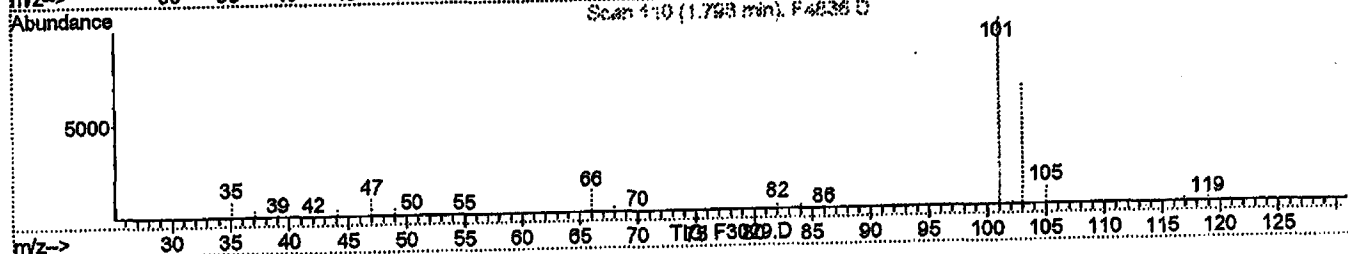
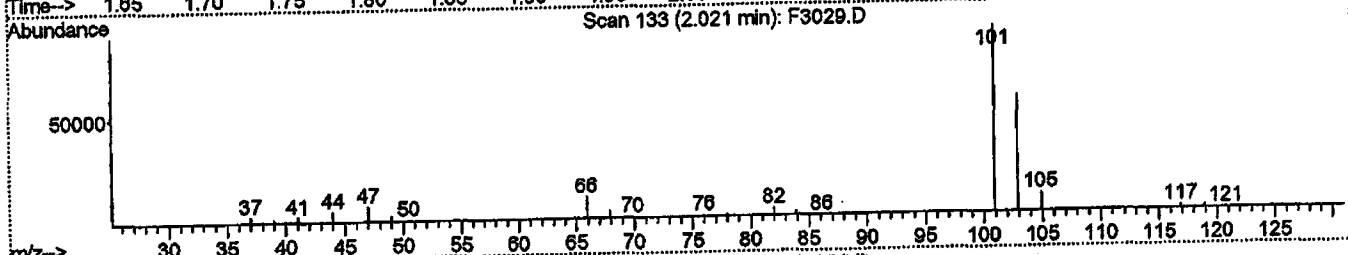
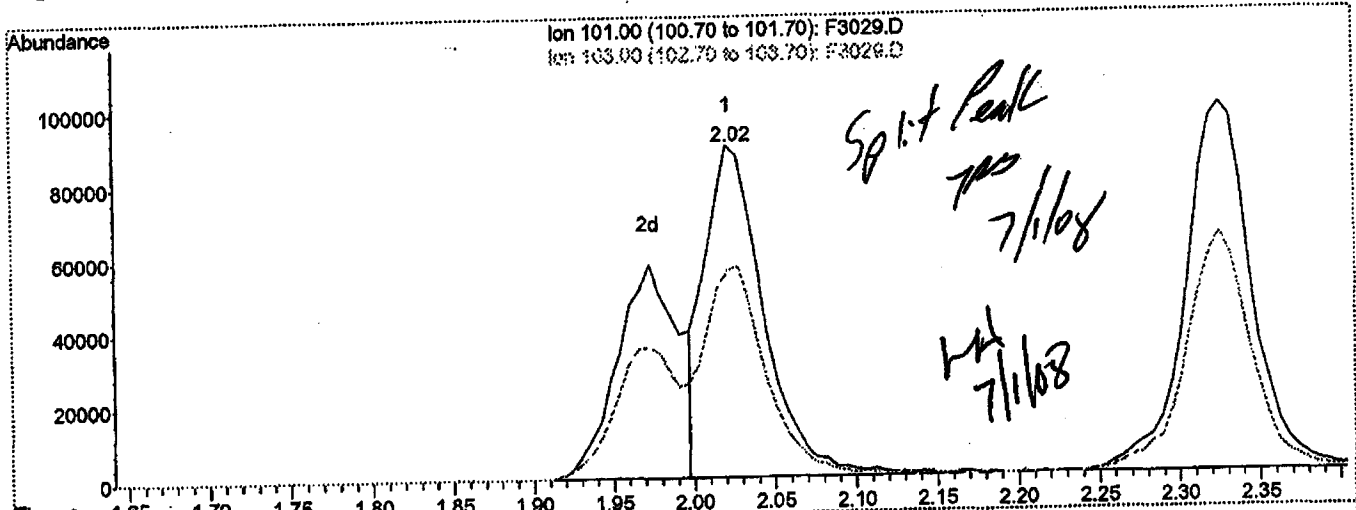
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\070108\F3029.D
 Acq On : 1 Jul 2008 8:32
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 1 9:50 2008

Vial: 2
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 07:46:54 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 174.92ng
 response 226270

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	62.54
0.00	0.00	0.00
0.00	0.00	0.00

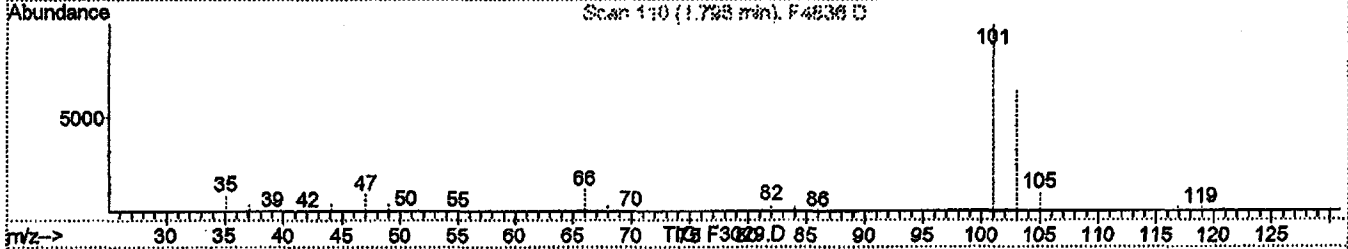
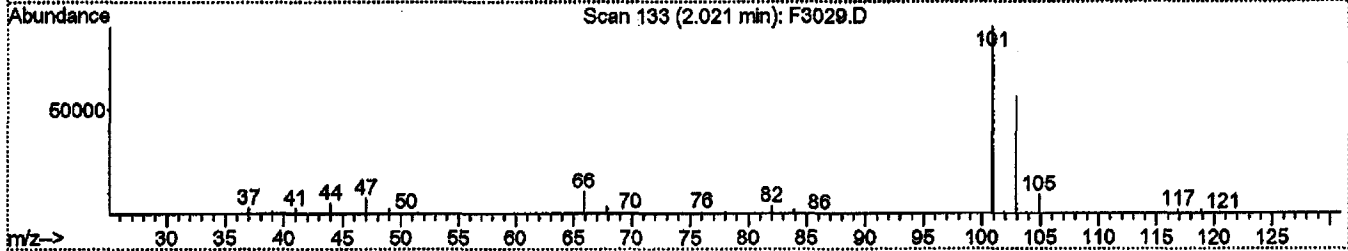
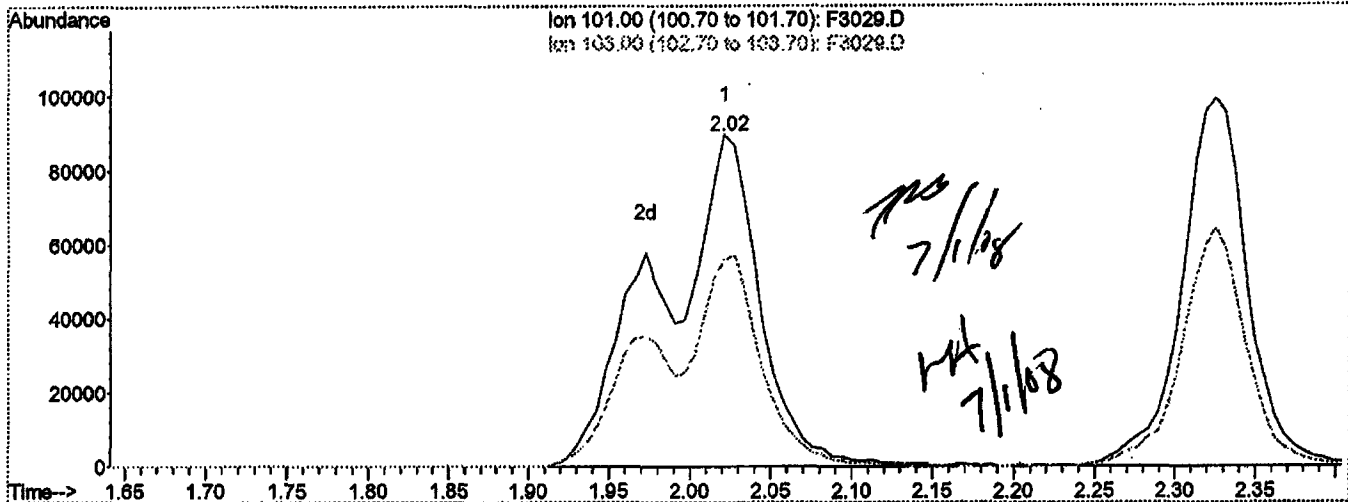
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\070108\F3029.D
 Acq On : 1 Jul 2008 8:32
 Sample : VSTD050
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 1 9:51 2008

Vial: 2
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 07:46:54 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 294.96ng m

response 381554

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	62.54
0.00	0.00	0.00
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001652-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: F3062.RR Calibration Date: 07/03/2008 Time: 20:57

Intrument ID: HP5973F Init. Calib. Date(s): 06/25/2008 06/25/2008

Heated Purge (Y/N): Y Init. Calib. Times: 02:39 04:21

GC Column: ZB-624 ID: 0.20(mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Chloromethane	0.3300	0.3204	0.1000	2.900	100.00
Bromomethane	0.1210	0.1144		5.400	100.00
Vinyl chloride	0.2630	0.2641		-0.400	20.00
Chloroethane	0.1180	0.1171		0.800	100.00
Methylene chloride	0.3610	0.3663		-1.500	100.00
Acetone	0.0750	0.0745		0.700	100.00
Carbon Disulfide	0.7390	0.8299		-12.300	100.00
1,1-Dichloroethene	0.1730	0.1833	0.1000	-6.000	20.00
1,1-Dichloroethane	0.4870	0.5324	0.3000	-9.300	100.00
cis-1,2-Dichloroethene	0.3010	0.3264		-8.400	100.00
trans-1,2-Dichloroethene	0.2760	0.3028		-9.700	100.00
Chloroform	0.4260	0.4638		-8.900	20.00
1,2-Dichloroethane	0.3430	0.3626		-5.700	100.00
2-Butanone	0.1480	0.1520		-2.700	100.00
1,1,1-Trichloroethane	0.3370	0.3578		-6.200	100.00
Carbon Tetrachloride	0.2510	0.2742		-9.200	100.00
Vinyl acetate	0.5370	0.6065		-12.900	100.00
Bromodichloromethane	0.2960	0.3372		-13.900	100.00
1,2-Dichloropropane	0.2980	0.3144		-5.500	20.00
cis-1,3-Dichloropropene	0.4140	0.4581		-10.600	100.00
Trichloroethene	0.2580	0.2823		-9.400	100.00
Dibromochloromethane	0.4240	0.4780		-12.700	100.00
1,1,2-Trichloroethane	0.3990	0.4418		-10.700	100.00
Benzene	1.0820	1.1617		-7.400	100.00
trans-1,3-Dichloropropene	0.7380	0.8092		-9.600	100.00
Bromoform	0.2610	0.3066	0.1000	-17.500	100.00
4-Methyl-2-pentanone	0.6190	0.6222		-0.500	100.00
2-Hexanone	0.4430	0.4461		-0.700	100.00
Tetrachloroethene	0.5200	0.5301		-1.900	100.00
1,1,2,2-Tetrachloroethane	0.7020	0.7933	0.3000	-13.000	100.00
Toluene	1.3930	1.4247		-2.300	20.00
Chlorobenzene	1.4390	1.5073	0.3000	-4.700	100.00
Ethylbenzene	2.4740	2.5755		-4.100	20.00
Styrene	1.5130	1.6244		-7.400	100.00
Total Xylenes	0.9320	0.9567		-2.600	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.1790	0.1893		-5.800	100.00
1,2,4-Trichlorobenzene	0.9150	0.9349		-2.200	100.00
1,2,4-Trimethylbenzene	2.1830	2.2922		-5.000	100.00
1,2-Dibromo-3-chloropropane	0.1150	0.1264		-9.900	100.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 VOLATILE 3RD EDITION (30%&15% RSD/ 20%D FOR CCC)
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001652-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: F3062.RR Calibration Date: 07/03/2008 Time: 20:57

Intrument ID: HP5973F Init. Calib. Date(s): 06/25/2008 06/25/2008

Heated Purge (Y/N): Y Init. Calib. Times: 02:39 04:21

GC Column: ZB-624 ID: 0.20(mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
1,2-Dibromoethane	0.4610	0.4940		-7.200	100.00
1,2-Dichlorobenzene	1.1870	1.2305		-3.700	100.00
1,3,5-Trimethylbenzene	2.1080	2.2040		-4.600	100.00
1,3-Dichlorobenzene	1.2310	1.2480		-1.400	100.00
1,4-Dichlorobenzene	1.2520	1.3147		-5.000	100.00
p-Cymene	2.3250	2.3554		-1.300	100.00
Cyclohexane	0.5360	0.5297		1.200	100.00
Dichlorodifluoromethane	0.1770	0.2129		-20.300	100.00
Methyl acetate	0.3820	0.3160		17.300	100.00
Naphthalene	2.3030	2.3842		-3.500	100.00
Trichlorofluoromethane	0.2490	0.2481		0.400	100.00
n-Butylbenzene	2.2820	2.4080		-5.500	100.00
n-Propylbenzene	3.2270	3.4104		-5.700	100.00
sec-Butylbenzene	2.6250	2.9081		-10.800	100.00
Methyl-t-Butyl Ether (MTBE)	0.7940	0.8624		-8.600	100.00
tert-Butylbenzene	0.4700	0.4815		-2.400	100.00
Isopropylbenzene	2.4950	2.3643		5.200	100.00
Methylcyclohexane	0.4780	0.4787		-0.200	100.00
=====					
Toluene-D8	2.5270	2.6140		-3.400	100.00
p-Bromofluorobenzene	0.7450	0.7277		2.300	100.00
1,2-Dichloroethane-D4	0.3530	0.3516		0.400	100.00

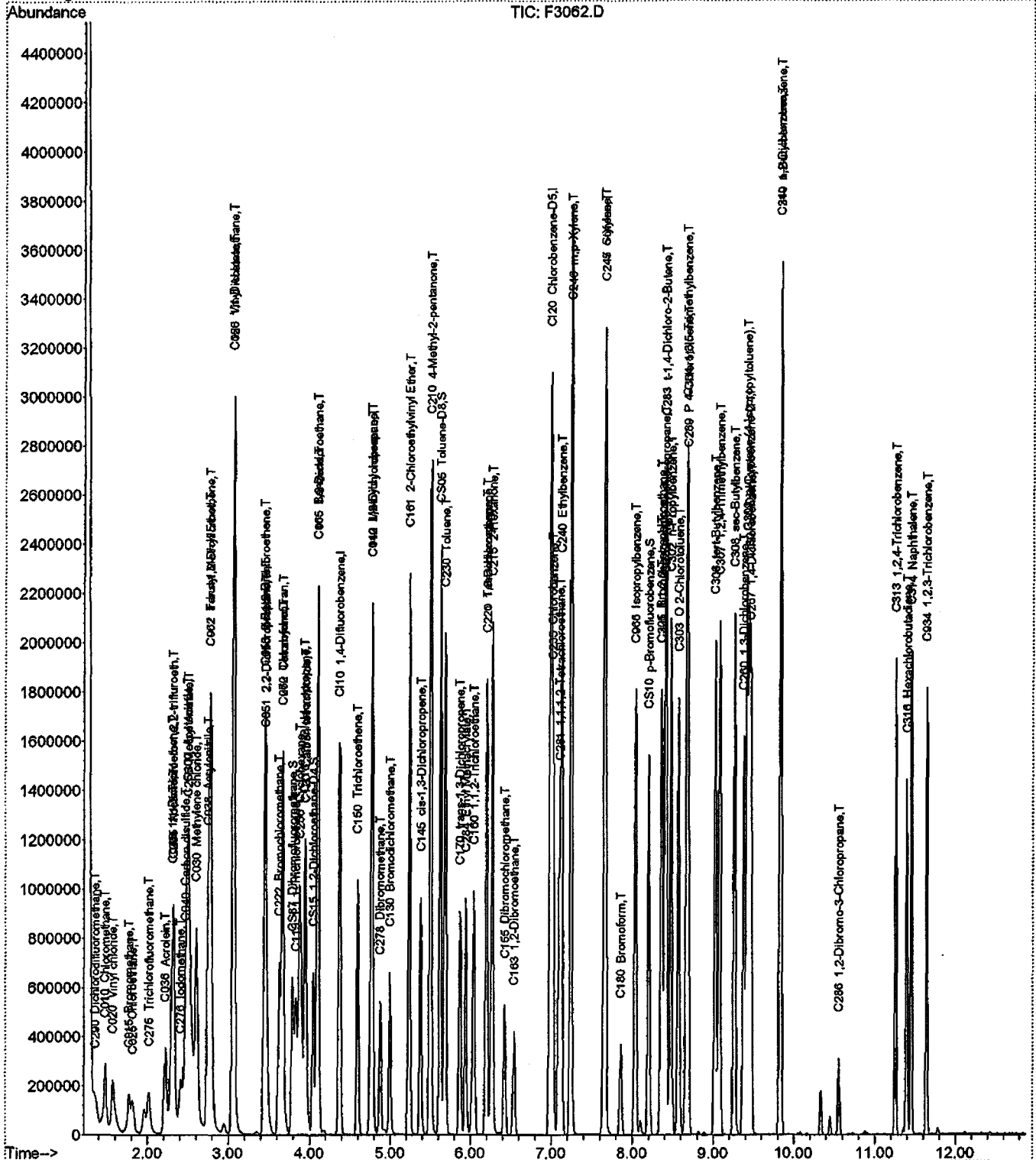
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\070308\F3062.D
Acq On : 3 Jul 2008 20:57
Sample : MSP FULL JW 07/03/08
Misc : V570050
MS Integration Params: RTEINT.P
Quant Time: Jul 3 21:11 2008

Vial: 26
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Wed Jul 02 21:01:34 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\070308\F3062.D
 Acq On : 3 Jul 2008 20:57
 Sample : ~~MSB-FULL~~ *ju 09/03/08*
 Misc : *V570050*
 MS Integration Params: RTEINT.P
 Quant Time: Jul 03 21:11:35 2008

Vial: 26
 Operator: JLG
 Inst : HP5973P
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Wed Jul 02 21:01:34 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\070208\F3045.D (2 Jul 2008 20:18)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.37	114	1248925	250.00	ng	0.00 92.13%
43) CI20 Chlorobenzene-D5	6.99	82	615598	250.00	ng	0.00 94.81%
63) CI30 1,4-Dichlorobenzene-	9.44	152	543495	250.00	ng	0.00 94.61%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	383507	258.70	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	103.48%
32) CS15 1,2-Dichloroethane-D	4.05	65	439176	249.26	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	99.70%
44) CS05 Toluene-D8	5.62	98	1609180	258.60	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	103.44%
62) CS10 p-Bromofluorobenzene	8.20	174	447997	244.35	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	97.74%

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	1.36	85	265865	300.21	ng	97
3) C010 Chloromethane	1.48	50	400155	242.67	ng	99
4) C020 Vinyl chloride	1.57	62	329867	251.28	ng	99
5) C015 Bromomethane	1.77	94	142937	235.74	ng	88
6) C025 Chloroethane	1.81	64	146288	247.85	ng	99
7) C275 Trichlorofluorometha	2.02	101	309881m	249.58	ng	96
8) C291 1,1,2-Trichloro-1,2,	2.32	101	236472	264.15	ng	92
9) C045 1,1-Dichloroethene	2.31	96	228931	264.32	ng	80
10) C030 Methylene chloride	2.61	84	457426	297.79	ng	92
11) C040 Carbon disulfide	2.47	76	1036469	280.76	ng	96
12) C036 Acrolein	2.22	56	436683	6732.91	ng	98
13) C038 Acrylonitrile	2.75	53	810743	1344.86	ng	100
14) C035 Acetone	2.31	43	465480	1236.47	ng	100
15) C300 Acetonitrile	2.50	41	2234800	10946.84	ng	100
16) C276 Iodomethane	2.41	142	382741	220.75	ng	98
17) C255 Methyl Acetate	2.51	43	394615	206.83	ng	94
18) C962 T-butyl Methyl Ether	2.78	73	1077021	271.47	ng	88
19) C057 trans-1,2-Dichloroet	2.78	96	378133	274.34	ng	90
20) C050 1,1-Dichloroethane	3.06	63	664944	273.11	ng	97
21) C125 Vinyl Acetate	3.06	43	3787666	1410.98	ng	95
22) C051 2,2-Dichloropropane	3.47	77	435845	264.74	ng	90
23) C056 cis-1,2-Dichloroethe	3.46	96	407673	270.81	ng	95
24) C272 Tetrahydrofuran	3.66	42	675577	1326.17	ng	97
25) C222 Bromochloromethane	3.63	128	182185	268.27	ng	# 75
26) C060 Chloroform	3.68	83	579271	272.26	ng	99
28) C256 Cyclohexane	3.88	56	661598	247.03	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	446869	265.32	ng	99
30) C120 Carbon tetrachloride	3.96	117	342442	272.98	ng	93
31) C116 1,1-Dichloropropene	3.94	75	445653	266.96	ng	88

(#) = qualifier out of range (m) = manual integration
 F3062.D A8I00000477.M Thu Jul 03 21:12:04 2008

HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\F\070308\F3062.D
 Acq On : 3 Jul 2008 20:57
 Sample : ~~MSB-PULL~~ *MS 07/03/08*
 Misc : *V570050*
 MS Integration Params: RTEINT.P
 Quant Time: Jul 03 21:11:35 2008

Vial: 26
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jul 02 21:01:34 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	1450935	268.38	ng	97
34) C065 1,2-Dichloroethane	4.10	62	452860	264.58	ng	84
35) C110 2-Butanone	3.44	43	949290	1281.95	ng	91
36) C150 Trichloroethene	4.59	95	352524	273.87	ng	96
37) C161 2-Chloroethylvinyl E	5.23	63	970829	1476.24	ng	# 76
38) C012 Methylcyclohexane	4.77	83	597858	250.17	ng	82
39) C140 1,2-Dichloropropane	4.78	63	392669	264.00	ng	100
40) C278 Dibromomethane	4.87	93	211171	274.82	ng	90
41) C130 Bromodichloromethane	5.00	83	421183	284.79	ng	100
42) C145 cis-1,3-Dichloroprop	5.38	75	572132	276.96	ng	96
45) C230 Toluene	5.68	92	877041	255.68	ng	94
46) C170 trans-1,3-Dichloropr	5.87	75	498160	274.05	ng	98
47) C284 Ethyl Methacrylate	5.94	69	490969	261.62	ng	88
48) C160 1,1,2-Trichloroethan	6.04	83	271991	276.71	ng	95
49) C210 4-Methyl-2-pentanone	5.50	43	1915197	1256.67	ng	93
50) C220 Tetrachloroethene	6.19	166	326303	254.88	ng	91
51) C221 1,3-Dichloropropane	6.20	76	559012	271.06	ng	95
52) C155 Dibromochloromethane	6.43	129	294230	281.57	ng	83
53) C163 1,2-Dibromoethane	6.54	107	304076	267.61	ng	90
54) C215 2-Hexanone	6.27	43	1372977	1259.15	ng	91
55) C235 Chlorobenzene	7.02	112	927875	261.90	ng	97
56) C281 1,1,1,2-Tetrachloroe	7.10	131	294460	269.25	ng	95
57) C240 Ethylbenzene	7.13	91	1585489	260.26	ng	98
58) C246 m,p-Xylene	7.25	106	1180978	514.94	ng	95
59) C247 o-Xylene	7.65	106	588935	256.57	ng	# 81
60) C245 Styrene	7.67	104	1000007	268.36	ng	99
61) C180 Bromoform	7.86	173	188722	267.77	ng	81
64) C966 Isopropylbenzene	8.04	105	1284981	236.93	ng	92
65) C301 Bromobenzene	8.36	156	363341	264.09	ng	94
66) C225 1,1,2,2-Tetrachloroe	8.35	83	431149	282.34	ng	93
67) C282 1,2,3-Trichloropropa	8.40	110	105320	246.93	ng	100
68) C283 t-1,4-Dichloro-2-But	8.42	53	539276	1196.43	ng	# 71
69) C302 n-Propylbenzene	8.48	91	1853542	264.24	ng	94
70) C303 O 2-Chlorotoluene	8.57	126	373305	266.85	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	367641	257.60	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	1197879	261.39	ng	85
73) C306 tert-Butylbenzene	9.02	134	261700	256.17	ng	88
74) C307 1,2,4-Trimethylbenze	9.08	105	1245822	262.56	ng	93
75) C308 sec-Butylbenzene	9.26	105	1580511	276.92	ng	93
76) C260 1,3-Dichlorobenzene	9.38	146	678308	253.46	ng	98
77) C309 p-Cymene (4-Isopropy	9.41	119	1280155	253.24	ng	97
78) C267 1,4-Dichlorobenzene	9.47	146	714554	262.59	ng	96
79) C249 1,2-Dichlorobenzene	9.84	146	668747	259.07	ng	99
80) C310 n-Butylbenzene	9.83	91	1308720	263.78	ng	97
81) C286 1,2-Dibromo-3-Chloro	10.56	75	68724	273.84	ng	98
82) C313 1,2,4-Trichlorobenze	11.26	180	508097	255.33	ng	100
83) C316 Hexachlorobutadiene	11.40	225	230677	237.38	ng	98
84) C314 Naphthalene	11.45	128	1295813	258.85	ng	95
85) C934 1,2,3-Trichlorobenze	11.64	180	466150	247.14	ng	99

(#) = qualifier out of range (m) = manual integration

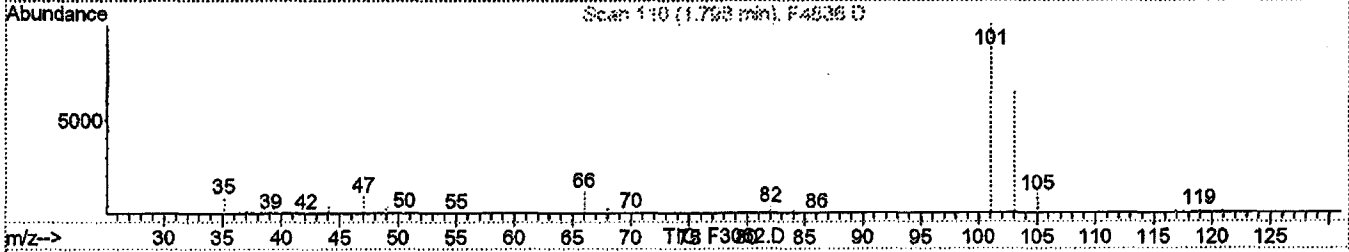
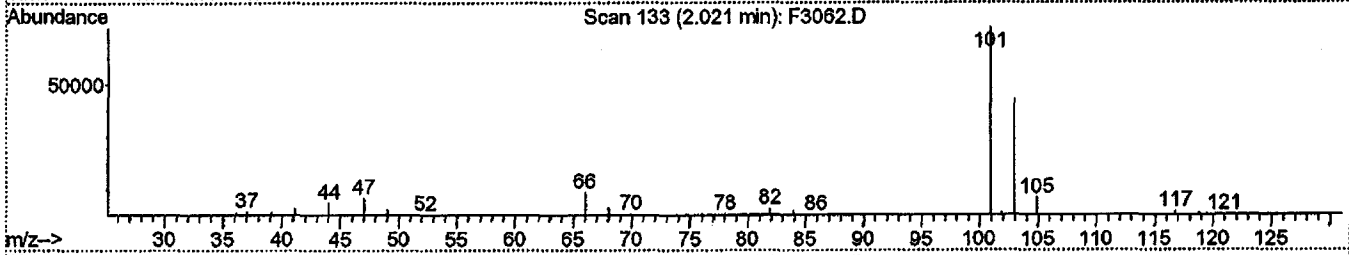
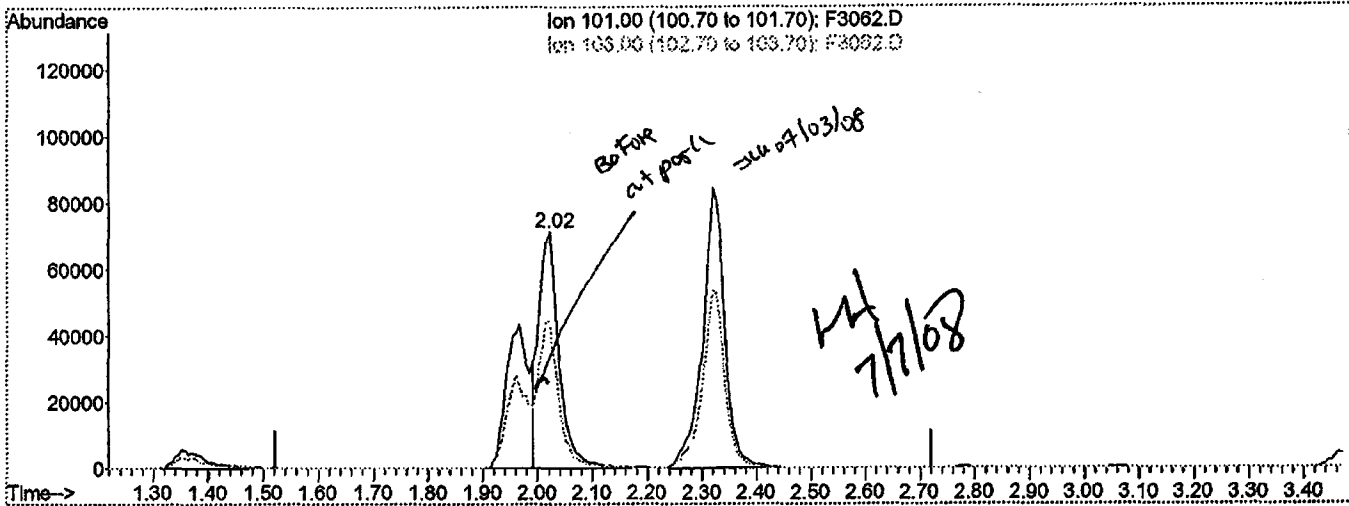
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\070308\F3062.D
 Acq On : 3 Jul 2008 20:57
 Sample : ~~MSB-FULL~~ *su 07/03/08*
 Misc : ~~V570050~~
 MS Integration Params: RTEINT.P
 Quant Time: Jul 3 21:11 2008

Vial: 26
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jul 02 21:01:34 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 147.07ng

response 182605

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	61.75
0.00	0.00	0.00
0.00	0.00	0.00

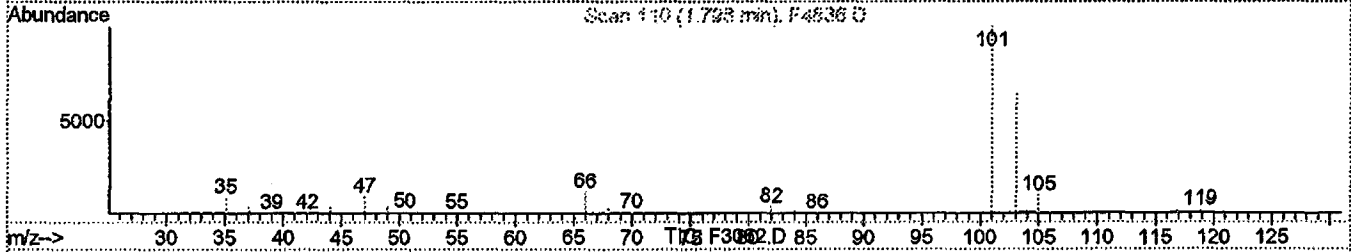
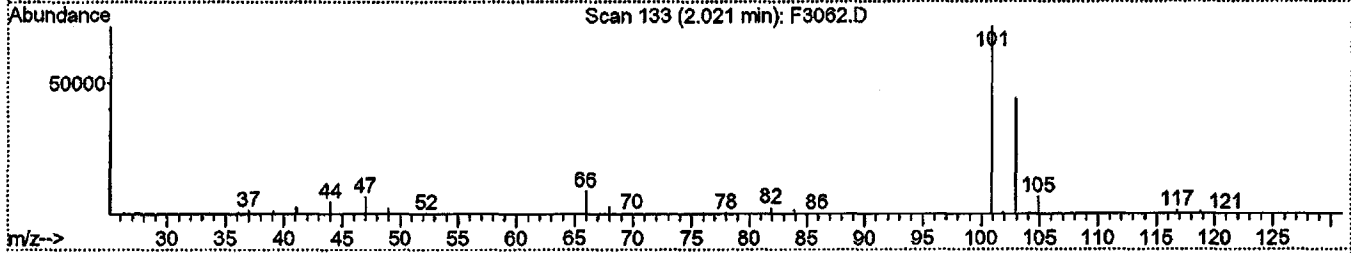
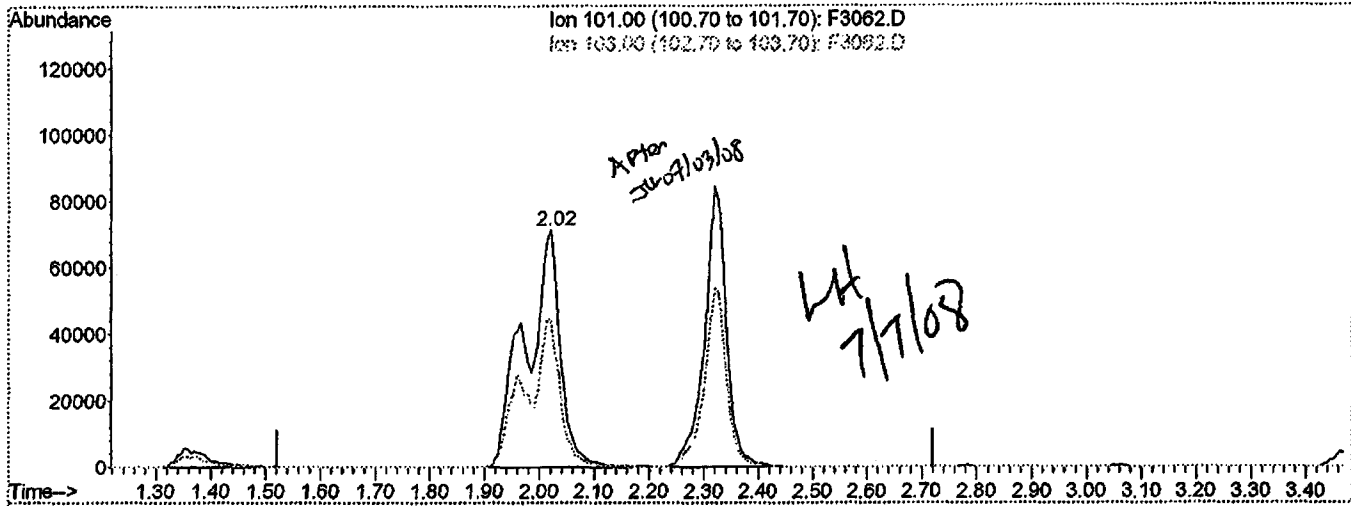
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\070308\F3062.D
 Acq On : 3 Jul 2008 20:57
 Sample : ~~MSB-FULL~~ *MSB-FULL* *07/03/08*
 Misc : *057005v*
 MS Integration Params: RTEINT.P
 Quant Time: Jul 3 21:11 2008

Vial: 26
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Wed Jul 02 21:01:34 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 249.58ng m

response 309881

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	61.75
0.00	0.00	0.00
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001651-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: P9166.RR Calibration Date: 07/03/2008 Time: 22:17

Intrument ID: HP5973P Init. Calib. Date(s): 06/10/2008 06/11/2008

Heated Purge (Y/N): N Init. Calib. Times: 22:08 00:27

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5100	0.4982	0.1000	2.300	100.00
Bromomethane	0.1810	0.1912	0.0100	-5.600	100.00
Vinyl chloride	0.4170	0.4116	0.0100	1.300	20.00
Chloroethane	0.2170	0.2574	0.0100	-18.600	100.00
Methylene chloride	0.4840	0.3584	0.0100	26.000	100.00
Acetone	0.1880	0.1811	0.0100	3.700	100.00
Carbon Disulfide	1.1220	0.9462	0.0100	15.700	100.00
1,1-Dichloroethene	0.3390	0.2792	0.0100	17.600	20.00
1,1-Dichloroethane	0.7860	0.6734	0.1000	14.300	100.00
cis-1,2-Dichloroethene	0.3930	0.3339	0.0100	15.000	100.00
trans-1,2-Dichloroethene	0.3630	0.2997	0.0100	17.400	100.00
Chloroform	0.6340	0.5379	0.0100	15.200	20.00
1,2-Dichloroethane	0.6420	0.5634	0.0100	12.200	100.00
2-Butanone	0.3260	0.2847	0.0100	12.700	100.00
1,1,1-Trichloroethane	0.5370	0.4720	0.0100	12.100	100.00
Carbon Tetrachloride	0.3980	0.3664	0.0100	7.900	100.00
Vinyl acetate	0.9750	0.9163	0.0100	6.000	100.00
Bromodichloromethane	0.4510	0.3867	0.0100	14.200	100.00
1,2-Dichloropropane	0.4670	0.4035	0.0100	13.600	20.00
cis-1,3-Dichloropropene	0.5420	0.4874	0.0100	10.100	100.00
Trichloroethene	0.3900	0.3012	0.0100	22.800	100.00
Dibromochloromethane	0.3520	0.3115	0.0100	11.500	100.00
1,1,2-Trichloroethane	0.3250	0.2730	0.0100	16.000	100.00
Benzene	1.4630	1.2060	0.0100	17.600	100.00
trans-1,3-Dichloropropene	0.5440	0.4925	0.0100	9.500	100.00
Bromoform	0.4210	0.3549	0.1000	15.700	100.00
4-Methyl-2-pentanone	0.7020	0.6216	0.0100	11.400	100.00
2-Hexanone	0.4740	0.4388	0.0100	7.400	100.00
Tetrachloroethene	0.3790	0.2981	0.0100	21.300	100.00
1,1,2,2-Tetrachloroethane	1.0080	0.8915	0.3000	11.600	100.00
Toluene	0.9940	0.8116	0.0100	18.400	20.00
Chlorobenzene	1.1100	0.9221	0.3000	16.900	100.00
Ethylbenzene	1.7820	1.4717	0.0100	17.400	20.00
Styrene	1.1430	0.9716	0.0100	15.000	100.00
Total Xylenes	0.7010	0.5834	0.0100	16.800	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3400	0.2868	0.0100	15.600	100.00
1,2,4-Trichlorobenzene	1.2210	0.8134	0.0100	33.400	100.00
1,2,4-Trimethylbenzene	2.8650	2.3481	0.0100	18.000	100.00
1,2-Dibromo-3-chloropropane	0.2310	0.1608	0.0100	30.400	100.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001651-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: P9166.RR Calibration Date: 07/03/2008 Time: 22:17

Intrument ID: HP5973P Init. Calib. Date(s): 06/10/2008 06/11/2008

Heated Purge (Y/N): N Init. Calib. Times: 22:08 00:27

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,2-Dibromoethane	0.4170	0.3512	0.0100	15.800	100.00
1,2-Dichlorobenzene	1.6850	1.3624	0.0100	19.100	100.00
1,3,5-Trimethylbenzene	2.8190	2.2814	0.0100	19.100	100.00
1,3-Dichlorobenzene	1.6460	1.3008	0.0100	21.000	100.00
1,4-Dichlorobenzene	1.7080	1.3673	0.0100	19.900	100.00
p-Cymene	2.8420	2.1725	0.0100	23.600	100.00
Cyclohexane	0.8440	0.6989	0.0100	17.200	100.00
Dichlorodifluoromethane	0.3550	0.2505	0.0100	29.400	100.00
Methyl acetate	0.7600	0.7388	0.0100	2.800	100.00
Naphthalene	3.7380	2.2829	0.0100	38.900	100.00
Trichlorofluoromethane	0.5940	0.5582	0.0100	6.000	100.00
n-Butylbenzene	2.6180	1.9450	0.0100	25.700	100.00
n-Propylbenzene	3.9710	3.1354	0.0100	21.000	100.00
sec-Butylbenzene	3.2140	2.3777	0.0100	26.000	100.00
Methyl-t-Butyl Ether (MTBE)	1.0790	1.0762	0.0100	0.300	100.00
tert-Butylbenzene	0.5610	0.4308	0.0100	23.200	100.00
Isopropylbenzene	3.2950	2.6897	0.0100	18.400	100.00
Methylcyclohexane	0.5010	0.3663	0.0100	26.900	100.00
=====	=====	=====	=====	=====	=====
Toluene-D8	1.3950	1.2186	0.0100	12.600	100.00
p-Bromofluorobenzene	0.4400	0.3689	0.0100	16.200	100.00
1,2-Dichloroethane-D4	0.4910	0.4242	0.0100	13.600	100.00

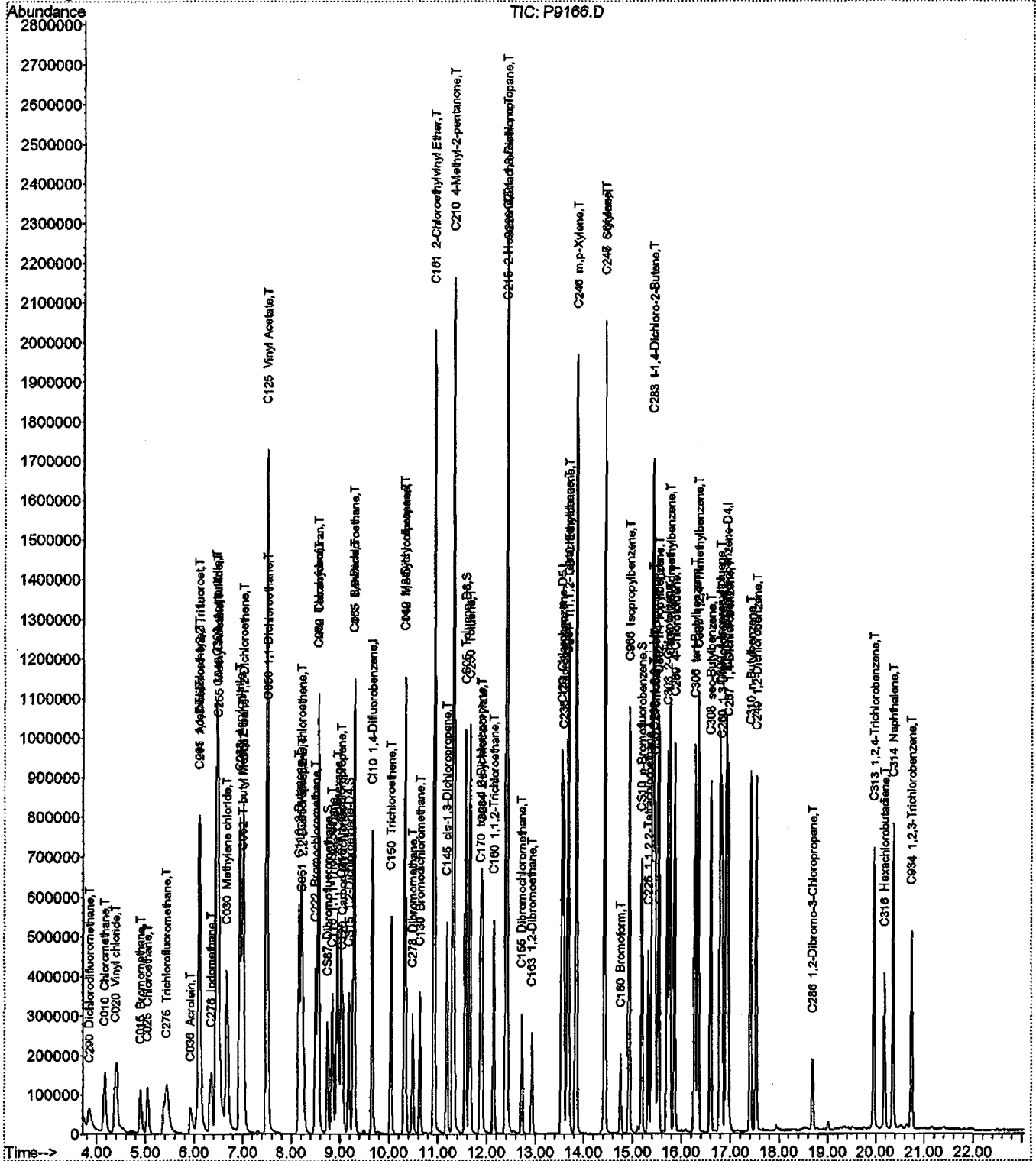
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\070308\P9166.D
Acq On : 3 Jul 2008 22:17
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 3 23:04 2008

Vial: 3
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000432.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Thu Jul 03 11:01:27 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\070308\P9166.D
 Acq On : 3 Jul 2008 22:17
 Sample : VSTD025
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 03 23:03:59 2008

Vial: 3
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Thu Jul 03 11:01:27 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\P\070308\P9141.D (3 Jul 2008 10:04)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
						Rcv (Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	686084	125.00	ng	0.00 112.70%
43) CI20 Chlorobenzene-D5	13.54	117	627488	125.00	ng	0.00 110.91%
62) CI30 1,4-Dichlorobenzene-	16.91	152	327702	125.00	ng	0.00 111.75%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.74	111	209337	109.68	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	87.74%
31) CS15 1,2-Dichloroethane-D	9.18	65	291071	108.11	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	86.49%
44) CS05 Toluene-D8	11.57	98	764667	109.22	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	87.38%
61) CS10 p-Bromofluorobenzene	15.19	174	231452	104.80	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	83.84%

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	3.86	85	171838	88.27	ng	99
3) C010 Chloromethane	4.17	50	341787	121.98	ng	98
4) C020 Vinyl chloride	4.38	62	282363	123.47	ng	98
5) C015 Bromomethane	4.90	94	131206	131.99	ng	99
6) C025 Chloroethane	5.05	64	176608	148.61	ng	96
7) C275 Trichlorofluorometha	5.44	101	382978m	117.49	ng	96
8) C045 1,1-Dichloroethene	6.09	96	191521	102.79	ng	# 75
9) C030 Methylene chloride	6.67	84	245899	108.64	ng	# 74
10) C040 Carbon disulfide	6.47	76	649185	105.41	ng	99
11) C036 Acrolein	5.92	56	136374	2798.10	ng	97
12) C038 Acrylonitrile	6.93	53	829248	579.81	ng	98
13) C035 Acetone	6.10	43	621296	603.09	ng	92
14) C300 Acetonitrile	6.45	41	2229571	4560.54	ng	99
15) C276 Iodomethane	6.35	142	366902	112.29	ng	99
16) C291 1,1,2 Trichloro-1,2,	6.10	101	196797	105.45	ng	93
17) C962 T-butyl Methyl Ether	6.98	73	738364	124.70	ng	# 82
18) C057 trans-1,2-Dichloroet	7.02	96	205639	103.24	ng	# 81
19) C255 Methyl Acetate	6.49	43	506906	121.57	ng	# 87
20) C050 1,1-Dichloroethane	7.51	63	462041	107.17	ng	98
21) C125 Vinyl Acetate	7.48	43	3143173	587.51	ng	# 92
22) C051 2,2-Dichloropropane	8.23	77	312218	132.39	ng	97
23) C056 cis-1,2-Dichloroethe	8.20	96	229094	106.18	ng	# 84
24) C272 Tetrahydrofuran	8.55	42	603940	531.44	ng	# 86
25) C222 Bromochloromethane	8.50	128	114122	105.80	ng	# 84
26) C060 Chloroform	8.55	83	369039	106.07	ng	99
27) C115 1,1,1-Trichloroethan	8.85	97	323836	109.80	ng	96
28) C120 Carbon tetrachloride	9.06	117	251352	115.09	ng	97
29) C116 1,1-Dichloropropene	9.02	75	262125	100.69	ng	95
32) C165 Benzene	9.28	78	827389	103.07	ng	100

(#) = qualifier out of range (m) = manual integration
 P9166.D A8I0000432.M Thu Jul 03 23:04:22 2008

HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\F\070308\P9166.D
 Acq On : 3 Jul 2008 22:17
 Sample : VSTD025
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 03 23:03:59 2008

Vial: 3
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Thu Jul 03 11:01:27 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C065 1,2-Dichloroethane	9.27	62	386535	109.63	ng	90
34) C110 2-Butanone	8.15	43	976713	546.62	ng	# 85
35) C256 Cyclohexane	8.94	56	479490	103.57	ng	# 71
36) C150 Trichloroethene	10.04	95	206678	96.54	ng	88
37) C140 1,2-Dichloropropane	10.32	63	276859	108.12	ng	90
38) C278 Dibromomethane	10.48	93	146791	105.41	ng	94
39) C130 Bromodichloromethane	10.63	83	265328	107.31	ng	98
40) C161 2-Chloroethylvinyl E	10.92	63	1035294	570.82	ng	92
41) C012 Methylcyclohexane	10.32	83	251319	91.35	ng	85
42) C145 cis-1,3-Dichloroprop	11.18	75	334422	112.44	ng	93
45) C230 Toluene	11.66	92	509250	102.10	ng	97
46) C170 trans-1,3-Dichloropr	11.88	75	309010	113.25	ng	99
47) C284 Ethyl Methacrylate	11.90	69	323764	121.81	ng	# 60
48) C160 1,1,2-Trichloroethan	12.14	83	171331	105.14	ng	88
49) C210 4-Methyl-2-pentanone	11.31	43	1950130	553.43	ng	# 85
50) C220 Tetrachloroethene	12.41	166	187035	98.27	ng	98
51) C221 1,3-Dichloropropane	12.39	76	337911	106.05	ng	97
52) C155 Dibromochloromethane	12.72	129	195478	110.71	ng	98
53) C163 1,2-Dibromoethane	12.93	107	220362	105.30	ng	97
54) C215 2-Hexanone	12.40	43	1376710	578.14	ng	95
55) C235 Chlorobenzene	13.58	112	578614	103.81	ng	93
56) C281 1,1,1,2-Tetrachloroe	13.66	131	196870	114.38	ng	97
57) C240 Ethylbenzene	13.68	91	923494	103.21	ng	96
58) C246 m,p-Xylene	13.84	106	706915	204.65	ng	96
59) C247 o-Xylene	14.43	106	366056	103.99	ng	91
60) C245 Styrene	14.43	104	609691	106.30	ng	91
63) C180 Bromoform	14.75	173	116316	97.70	ng	96
64) C966 Isopropylbenzene	14.93	105	881420	102.04	ng	94
65) C301 Bromobenzene	15.46	156	233301	104.69	ng	# 84
66) C225 1,1,2,2-Tetrachloroe	15.33	83	292130	110.57	ng	97
67) C282 1,2,3-Trichloropropa	15.43	110	85675	104.86	ng	100
68) C283 t-1,4-Dichloro-2-But	15.40	51	202737	516.68	ng	# 88
69) C302 n-Propylbenzene	15.53	91	1027489	98.70	ng	92
70) C303 2-Chlorotoluene	15.71	126	224240	102.33	ng	100
71) C289 4-Chlorotoluene	15.86	126	230470	103.80	ng	100
72) C304 1,3,5-Trimethylbenze	15.76	105	747614	101.16	ng	# 47
73) C306 tert-Butylbenzene	16.27	134	141170	96.05	ng	100
74) C307 1,2,4-Trimethylbenze	16.34	105	769474	102.46	ng	97
75) C308 sec-Butylbenzene	16.60	105	779174	92.47	ng	98
76) C260 1,3-Dichlorobenzene	16.83	146	426290	98.81	ng	97
77) C309 4-Isopropyltoluene	16.79	119	711931	95.57	ng	97
78) C267 1,4-Dichlorobenzene	16.95	146	448058	100.06	ng	97
79) C249 1,2-Dichlorobenzene	17.53	146	446460	101.06	ng	97
80) C310 n-Butylbenzene	17.41	91	637391	92.87	ng	96
81) C286 1,2-Dibromo-3-Chloro	18.69	75	52687	83.35	ng	85
82) C313 1,2,4-Trichlorobenze	19.96	180	266551	83.29	ng	99
83) C316 Hexachlorobutadiene	20.17	225	96592	89.95	ng	97
84) C314 Naphthalene	20.36	128	748102	76.34	ng	98
85) C934 1,2,3-Trichlorobenze	20.74	180	205288	67.07	ng	95

(#) = qualifier out of range (m) = manual integration

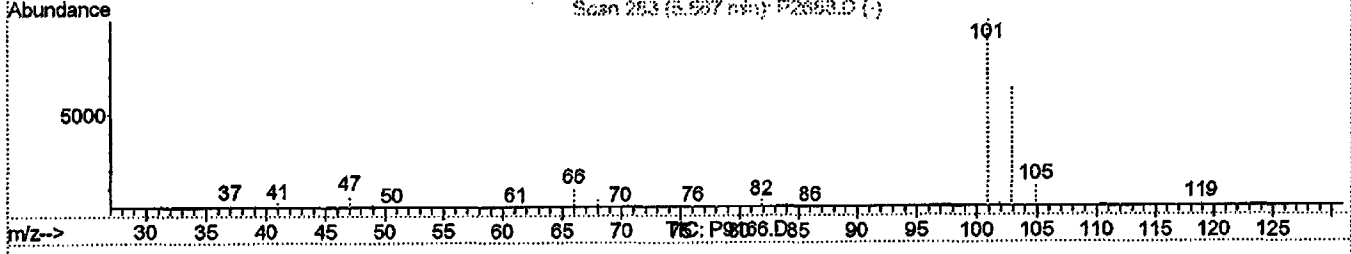
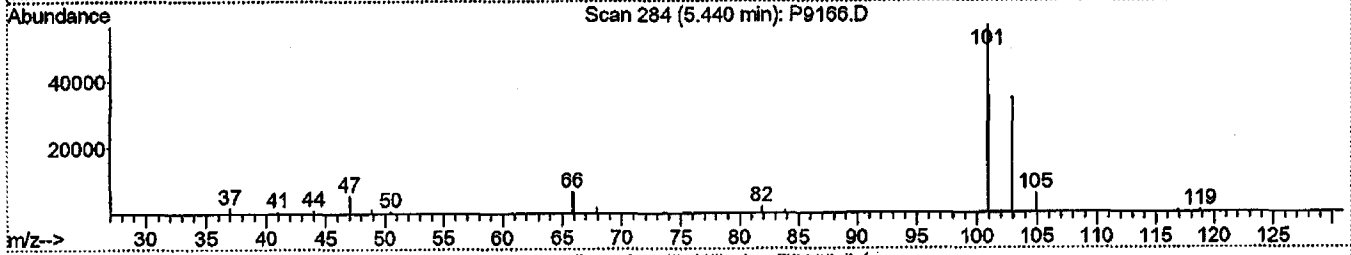
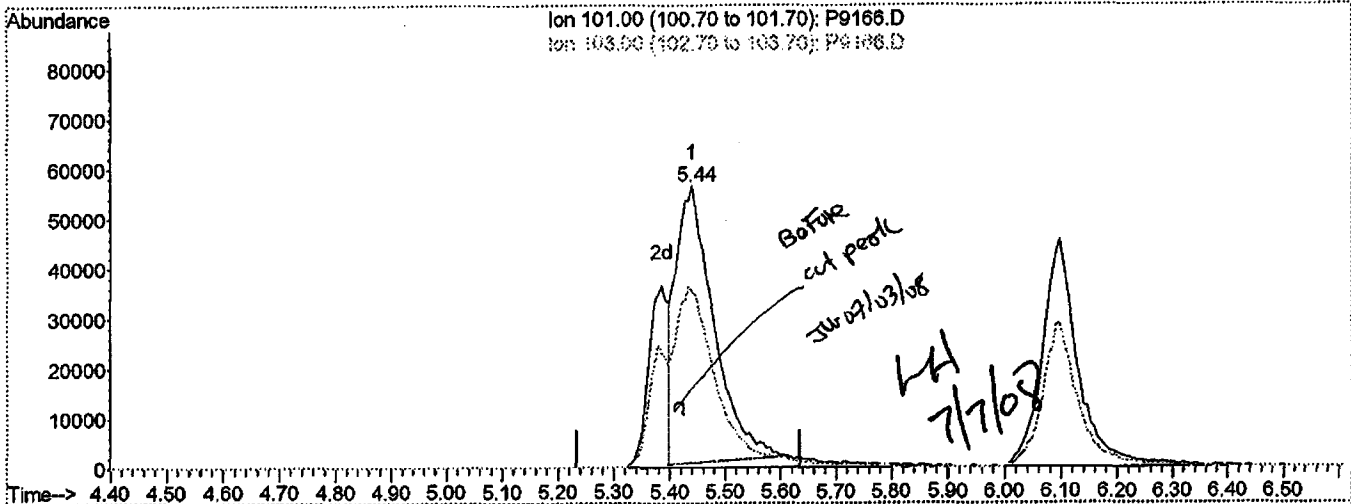
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\070308\P9166.D
 Acq On : 3 Jul 2008 22:17
 Sample : VSTD025
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 3 23:04 2008

Vial: 3
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Thu Jul 03 11:01:27 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.44min 81.03ng

response 264137

Ion Exp% Act%

101.00 100 100

103.00 65.20 61.69

0.00 0.00 0.00

0.00 0.00 0.00

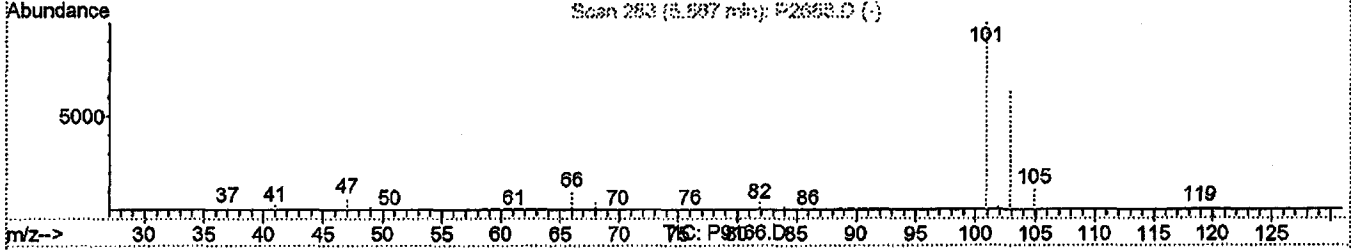
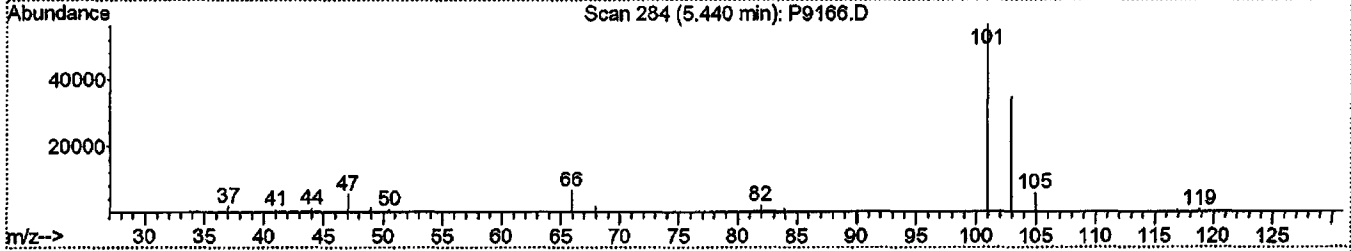
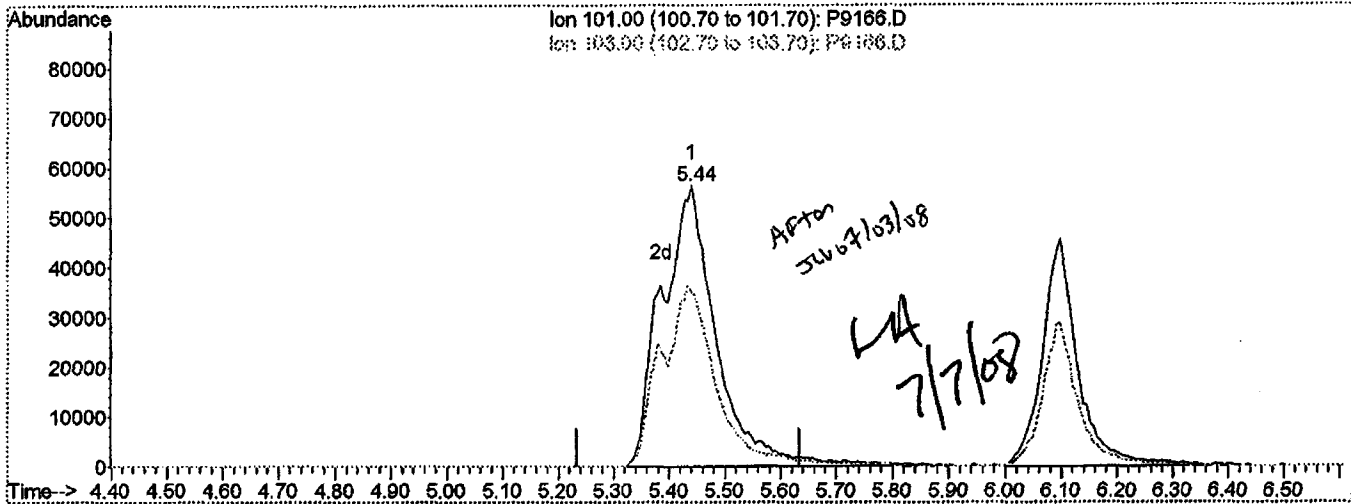
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\070308\P9166.D
 Acq On : 3 Jul 2008 22:17
 Sample : VSTD025
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 3 23:04 2008

Vial: 3
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Thu Jul 03 11:01:27 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

5.44min 117.49ng m

response 382978

Ion	Exp%	Act%
101.00	100	100
103.00	65.20	61.69
0.00	0.00	0.00
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001675-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: P9219.RR Calibration Date: 07/07/2008 Time: 21:59

Intrument ID: HP5973P Init. Calib. Date(s): 06/10/2008 06/11/2008

Heated Purge (Y/N): N Init. Calib. Times: 22:08 00:27

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
Chloromethane	0.5100	0.5023	0.1000	1.500	100.00
Bromomethane	0.1810	0.2272	0.0100	-25.500	100.00
Vinyl chloride	0.4170	0.4140	0.0100	0.700	20.00
Chloroethane	0.2170	0.2999	0.0100	-38.200	100.00
Methylene chloride	0.4840	0.3779	0.0100	21.900	100.00
Acetone	0.1880	0.1878	0.0100	0.100	100.00
Carbon Disulfide	1.1220	1.0052	0.0100	10.400	100.00
1,1-Dichloroethene	0.3390	0.3090	0.0100	8.800	20.00
1,1-Dichloroethane	0.7860	0.6978	0.1000	11.200	100.00
cis-1,2-Dichloroethene	0.3930	0.3440	0.0100	12.500	100.00
trans-1,2-Dichloroethene	0.3630	0.3144	0.0100	13.400	100.00
Chloroform	0.6340	0.5588	0.0100	11.900	20.00
1,2-Dichloroethane	0.6420	0.5847	0.0100	8.900	100.00
2-Butanone	0.3260	0.2971	0.0100	8.900	100.00
1,1,1-Trichloroethane	0.5370	0.4838	0.0100	9.900	100.00
Carbon Tetrachloride	0.3980	0.3614	0.0100	9.200	100.00
Vinyl acetate	0.9750	0.8862	0.0100	9.100	100.00
Bromodichloromethane	0.4510	0.3898	0.0100	13.600	100.00
1,2-Dichloropropane	0.4670	0.4038	0.0100	13.500	20.00
cis-1,3-Dichloropropene	0.5420	0.4699	0.0100	13.300	100.00
Trichloroethene	0.3900	0.3202	0.0100	17.900	100.00
Dibromochloromethane	0.3520	0.3030	0.0100	13.900	100.00
1,1,2-Trichloroethane	0.3250	0.2768	0.0100	14.800	100.00
Benzene	1.4630	1.2306	0.0100	15.900	100.00
trans-1,3-Dichloropropene	0.5440	0.4886	0.0100	10.200	100.00
Bromoform	0.4210	0.3349	0.1000	20.400	100.00
4-Methyl-2-pentanone	0.7020	0.6424	0.0100	8.500	100.00
2-Hexanone	0.4740	0.4471	0.0100	5.700	100.00
Tetrachloroethene	0.3790	0.3220	0.0100	15.000	100.00
1,1,2,2-Tetrachloroethane	1.0080	0.8857	0.3000	12.100	100.00
Toluene	0.9940	0.8330	0.0100	16.200	20.00
Chlorobenzene	1.1100	0.9338	0.3000	15.900	100.00
Ethylbenzene	1.7820	1.5402	0.0100	13.600	20.00
Styrene	1.1430	0.9935	0.0100	13.100	100.00
Total Xylenes	0.7010	0.6018	0.0100	14.200	100.00
1,1,2-Trichloro-1,2,2-trifluoro	0.3400	0.3056	0.0100	10.100	100.00
1,2,4-Trichlorobenzene	1.2210	0.8308	0.0100	32.000	100.00
1,2,4-Trimethylbenzene	2.8650	2.3811	0.0100	16.900	100.00
1,2-Dibromo-3-chloropropane	0.2310	0.1674	0.0100	27.500	100.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - AQUEOUS (30% RSD/ 20% D)
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001675-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: P9219.RR Calibration Date: 07/07/2008 Time: 21:59

Intrument ID: HP5973P Init. Calib. Date(s): 06/10/2008 06/11/2008

Heated Purge (Y/N): N Init. Calib. Times: 22:08 00:27

GC Column: ZB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF25	MIN RRF	% D	MAX % D
1,2-Dibromoethane	0.4170	0.3594	0.0100	13.800	100.00
1,2-Dichlorobenzene	1.6850	1.3654	0.0100	19.000	100.00
1,3,5-Trimethylbenzene	2.8190	2.3209	0.0100	17.700	100.00
1,3-Dichlorobenzene	1.6460	1.3274	0.0100	19.400	100.00
1,4-Dichlorobenzene	1.7080	1.3608	0.0100	20.300	100.00
p-Cymene	2.8420	2.2188	0.0100	21.900	100.00
Cyclohexane	0.8440	0.7384	0.0100	12.500	100.00
Dichlorodifluoromethane	0.3550	0.3514	0.0100	1.000	100.00
Methyl acetate	0.7600	0.7860	0.0100	-3.400	100.00
Naphthalene	3.7380	2.3569	0.0100	36.900	100.00
Trichlorofluoromethane	0.5940	0.5821	0.0100	2.000	100.00
n-Butylbenzene	2.6180	1.9173	0.0100	26.800	100.00
n-Propylbenzene	3.9710	3.2320	0.0100	18.600	100.00
sec-Butylbenzene	3.2140	2.4692	0.0100	23.200	100.00
Methyl-t-Butyl Ether (MTBE)	1.0790	1.0831	0.0100	-0.400	100.00
tert-Butylbenzene	0.5610	0.4510	0.0100	19.600	100.00
Isopropylbenzene	3.2950	2.7571	0.0100	16.300	100.00
Methylcyclohexane	0.5010	0.3872	0.0100	22.700	100.00
=====					
Toluene-D8	1.3950	1.2238	0.0100	12.300	100.00
p-Bromofluorobenzene	0.4400	0.3866	0.0100	12.100	100.00
1,2-Dichloroethane-D4	0.4910	0.4314	0.0100	12.100	100.00

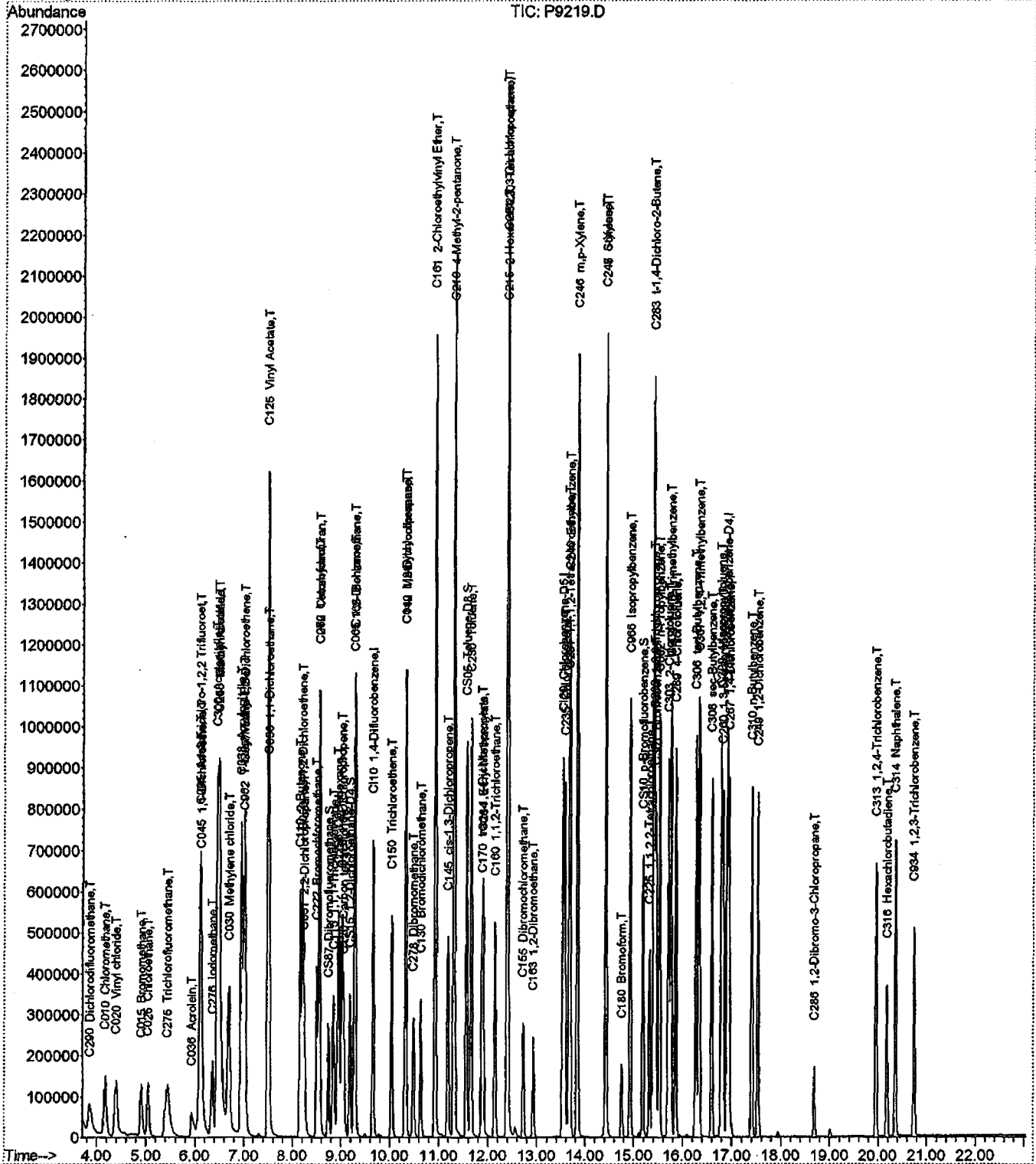
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\P\070708\P9219.D
Acq On : 7 Jul 2008 21:59
Sample : VSTD025
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 7 22:34 2008

Vial: 28
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000432.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Jul 07 11:01:00 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\070708\P9219.D
 Acq On : 7 Jul 2008 21:59
 Sample : VSTD025
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 22:34:33 2008

Vial: 28
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Mon Jul 07 11:01:00 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\P\070708\P9193.D (7 Jul 2008 9:41)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.66	114	643803	125.00	ng	0.00	93.39%
43) CI20 Chlorobenzene-D5	13.54	117	585655	125.00	ng	0.00	91.84%
62) CI30 1,4-Dichlorobenzene-	16.91	152	308601	125.00	ng	0.00	95.61%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.74	111	200330	111.86	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	89.49%	
31) CS15 1,2-Dichloroethane-D	9.18	65	277736	109.93	ng	0.00	
Spiked Amount	125.000	Range	66 - 137	Recovery	=	87.94%	
44) CS05 Toluene-D8	11.57	98	716698	109.68	ng	0.00	
Spiked Amount	125.000	Range	71 - 126	Recovery	=	87.74%	
61) CS10 p-Bromofluorobenzene	15.19	174	226421	109.84	ng	0.00	
Spiked Amount	125.000	Range	73 - 120	Recovery	=	87.87%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	3.86	85	226253	123.85	ng	99
3) C010 Chloromethane	4.18	50	323414	123.01	ng	97
4) C020 Vinyl chloride	4.40	62	266524	124.19	ng	98
5) C015 Bromomethane	4.90	94	146276	156.81	ng	97
6) C025 Chloroethane	5.04	64	193078	173.14	ng	97
7) C275 Trichlorofluorometha	5.45	101	374786	122.53	ng	99
8) C045 1,1-Dichloroethene	6.13	96	198954	113.80	ng	# 75
9) C030 Methylene chloride	6.70	84	243294	115.04	ng	# 70
10) C040 Carbon disulfide	6.49	76	647171	111.99	ng	99
11) C036 Acrolein	5.93	56	138772	3034.29	ng	97
12) C038 Acrylonitrile	6.94	53	803910	599.01	ng	98
13) C035 Acetone	6.10	43	604514	625.34	ng	93
14) C300 Acetonitrile	6.45	41	2186827	4766.87	ng	99
15) C276 Iodomethane	6.36	142	360433	117.55	ng	99
16) C291 1,1,2 Trichloro-1,2,	6.10	101	196720	112.33	ng	94
17) C962 T-butyl Methyl Ether	7.00	73	697326	125.50	ng	# 83
18) C057 trans-1,2-Dichloroet	7.02	96	202442	108.31	ng	# 86
19) C255 Methyl Acetate	6.49	43	506020	129.33	ng	# 87
20) C050 1,1-Dichloroethane	7.52	63	449249	111.05	ng	97
21) C125 Vinyl Acetate	7.49	43	2852610	568.22	ng	# 92
22) C051 2,2-Dichloropropane	8.24	77	293987	132.85	ng	92
23) C056 cis-1,2-Dichloroethe	8.20	96	221477	109.39	ng	# 83
24) C272 Tetrahydrofuran	8.55	42	586790	550.26	ng	# 83
25) C222 Bromochloromethane	8.50	128	110099	108.78	ng	# 85
26) C060 Chloroform	8.55	83	359749	110.19	ng	98
27) C115 1,1,1-Trichloroethan	8.85	97	311500	112.55	ng	97
28) C120 Carbon tetrachloride	9.06	117	232694	113.54	ng	96
29) C116 1,1-Dichloropropene	9.02	75	264572	108.31	ng	95
32) C165 Benzene	9.29	78	792259	105.18	ng	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\P\070708\P9219.D
 Acq On : 7 Jul 2008 21:59
 Sample : VSTD025
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 22:34:33 2008

Vial: 28
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 SML
 Last Update : Mon Jul 07 11:01:00 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C065	1,2-Dichloroethane	9.27	62	376425	113.77 ng	91
34) C110	2-Butanone	8.15	43	956468	570.44 ng	# 86
35) C256	Cyclohexane	8.94	56	475379	109.43 ng	# 71
36) C150	Trichloroethene	10.04	95	206122	102.60 ng	91
37) C140	1,2-Dichloropropane	10.33	63	259972	108.19 ng	93
38) C278	Dibromomethane	10.48	93	140957	107.87 ng	93
39) C130	Bromodichloromethane	10.64	83	250956	108.16 ng	95
40) C161	2-Chloroethylvinyl E	10.92	63	977716	574.48 ng	92
41) C012	Methylcyclohexane	10.33	83	249250	96.55 ng	84
42) C145	cis-1,3-Dichloroprop	11.19	75	302532	108.40 ng	90
45) C230	Toluene	11.66	92	487876	104.81 ng	96
46) C170	trans-1,3-Dichloropr	11.88	75	286139	112.36 ng	96
47) C284	Ethyl Methacrylate	11.91	69	296126	119.37 ng	# 57
48) C160	1,1,2-Trichloroethan	12.14	83	162137	106.61 ng	89
49) C210	4-Methyl-2-pentanone	11.32	43	1880993	571.94 ng	# 84
50) C220	Tetrachloroethene	12.41	166	188559	106.14 ng	96
51) C221	1,3-Dichloropropane	12.39	76	323295	108.71 ng	94
52) C155	Dibromochloromethane	12.72	129	177468	107.69 ng	98
53) C163	1,2-Dibromoethane	12.93	107	210467	107.75 ng	94
54) C215	2-Hexanone	12.40	43	1309111	589.02 ng	95
55) C235	Chlorobenzene	13.59	112	546913	105.13 ng	92
56) C281	1,1,1,2-Tetrachloroe	13.66	131	179967	112.03 ng	99
57) C240	Ethylbenzene	13.69	91	902024	108.01 ng	95
58) C246	m,p-Xylene	13.84	106	684450	212.30 ng	98
59) C247	o-Xylene	14.43	106	352423	107.27 ng	95
60) C245	Styrene	14.43	104	581819	108.69 ng	91
63) C180	Bromoform	14.75	173	103364	93.05 ng	97
64) C966	Isopropylbenzene	14.93	105	850846	104.59 ng	94
65) C301	Bromobenzene	15.46	156	223842	106.66 ng	# 85
66) C225	1,1,2,2-Tetrachloroe	15.33	83	273326	109.86 ng	97
67) C282	1,2,3-Trichloropropa	15.43	110	82119	106.73 ng	100
68) C283	t-1,4-Dichloro-2-But	15.40	51	216203	585.11 ng	# 84
69) C302	n-Propylbenzene	15.53	91	997396	101.74 ng	92
70) C303	2-Chlorotoluene	15.72	126	215687	104.52 ng	100
71) C289	4-Chlorotoluene	15.86	126	219030	104.75 ng	100
72) C304	1,3,5-Trimethylbenze	15.76	105	716242	102.91 ng	# 46
73) C306	tert-Butylbenzene	16.27	134	139166	100.55 ng	100
74) C307	1,2,4-Trimethylbenze	16.34	105	734802	103.90 ng	97
75) C308	sec-Butylbenzene	16.60	105	761983	96.02 ng	98
76) C260	1,3-Dichlorobenzene	16.83	146	409652	100.83 ng	99
77) C309	4-Isopropyltoluene	16.79	119	684734	97.61 ng	99
78) C267	1,4-Dichlorobenzene	16.95	146	419944	99.59 ng	99
79) C249	1,2-Dichlorobenzene	17.53	146	421361	101.28 ng	96
80) C310	n-Butylbenzene	17.41	91	591678	91.54 ng	91
81) C286	1,2-Dibromo-3-Chloro	18.69	75	51648	86.40 ng	88
82) C313	1,2,4-Trichlorobenze	19.96	180	256393	85.08 ng	95
83) C316	Hexachlorobutadiene	20.18	225	90961	89.95 ng	100
84) C314	Naphthalene	20.36	128	727352	78.82 ng	99
85) C934	1,2,3-Trichlorobenze	20.74	180	211411	73.35 ng	99

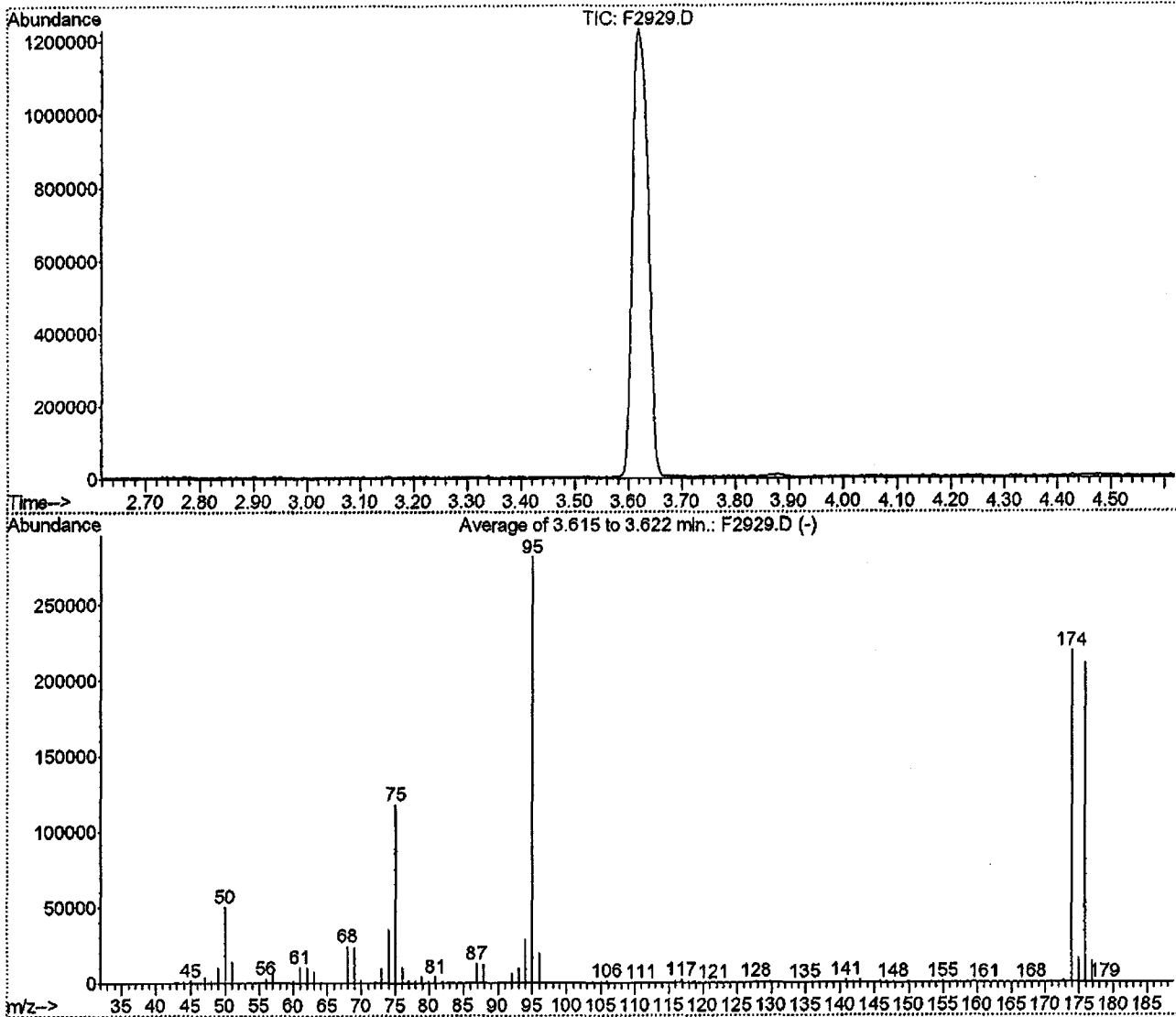
(#) = qualifier out of range (m) = manual integration

Raw QC Data

BFB Tune Evaluation

Data File : H:\GCMS_VOA\F\062508\F2929.D
 Acq On : 25 Jun 2008 00:20
 Sample : 0625BFBF1
 Misc :
 MS Integration Params: RTEINT.P
 Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON

Vial: 1
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00



Peak Apex is scan: 484 (3.62 min)

Average of 3 scans: 483,484,485 minus background scan 464 (3.55 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
50	95	15	40	17.8	50205	PASS
75	95	30	60	41.8	117829	PASS
95	95	100	100	100.0	281962	PASS
96	95	5	9	6.8	19201	PASS
173	174	0	2	0.5	1147	PASS
174	95	50	100	77.8	219306	PASS
175	174	5	9	7.2	15806	PASS
176	174	95	101	96.3	211178	PASS
177	176	5	9	6.5	13750	PASS

Average of 3.615 to 3.622 min.: F2929.D

0625BFBF1

Modified:subtracted

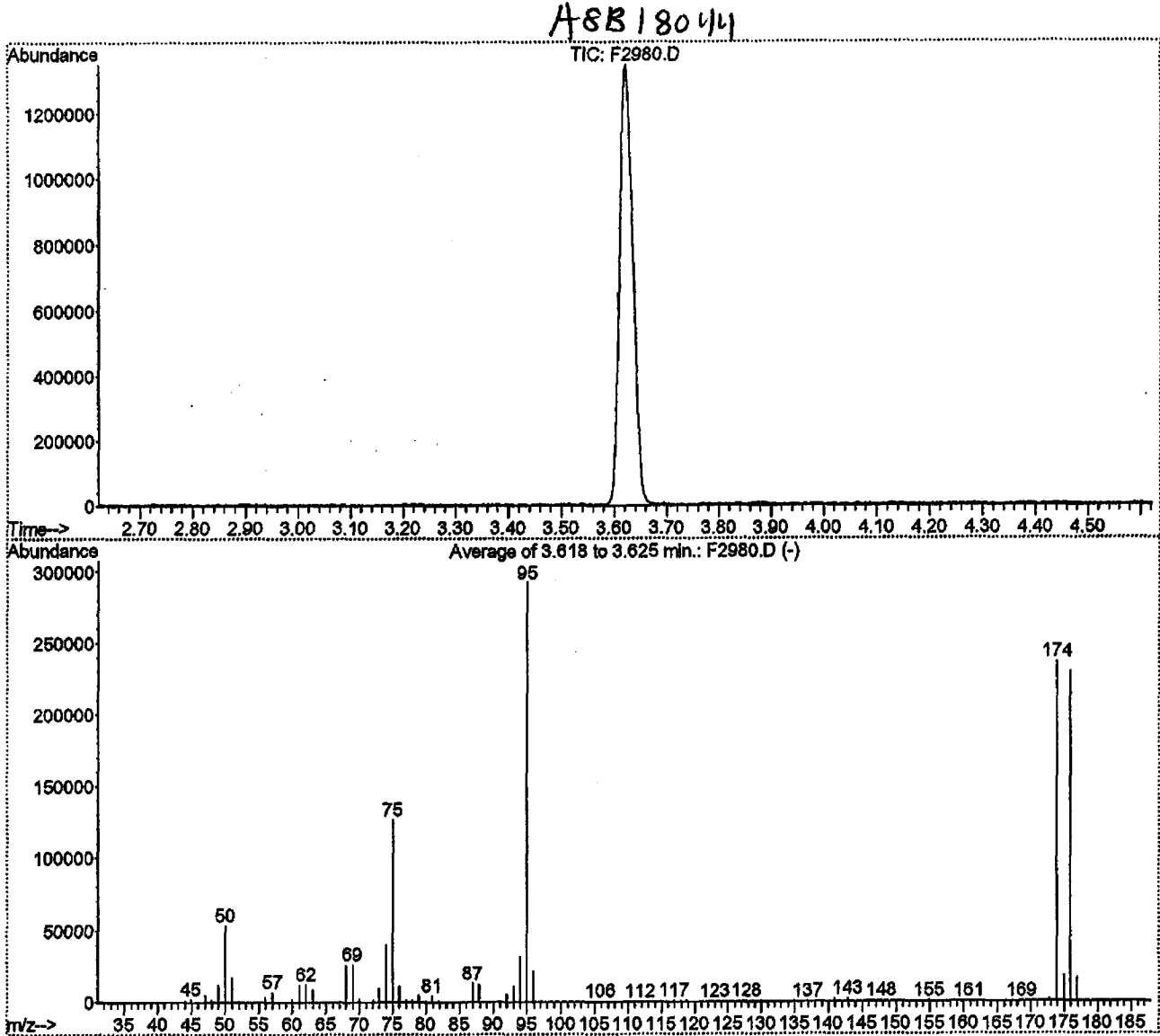
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
47.00	3759	69.00	22813	91.95	6160	176.95	13750
49.00	10189	69.95	1952	93.00	9492		
50.00	50205	73.00	9270	94.00	28600		
51.00	14188	74.00	35394	95.00	281962		
56.00	2660	75.00	117829	96.00	19201		
57.00	6178	76.05	10278	116.85	1704		
59.95	1644	77.95	1420	140.90	1847		
60.95	10308	78.90	4079	142.95	1823		
62.00	9962	80.90	4026	173.90	219306		
63.00	7512	86.95	12430	174.95	15806		
68.00	24240	87.95	11933	175.90	211178		

AST...1895
ASC...1596

BFB Tune Evaluation

Data File : H:\GCMS_VOA\F\062708\F2980.D
 Acq On : 27 Jun 2008 19:06
 Sample : 0627BFBF1
 Misc :
 MS Integration Params: RTEINT.P
 Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON

Vial: 20
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00



Peak Apex is scan: 485 (3.62 min)

Average of 3 scans: 484,485,486 minus background scan 465 (3.55 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
50	95	15	40	18.2	53149	PASS
75	95	30	60	43.3	126389	PASS
95	95	100	100	100.0	292138	PASS
96	95	5	9	7.3	21303	PASS
173	174	0	2	0.7	1684	PASS
174	95	50	100	80.9	236288	PASS
175	174	5	9	7.5	17773	PASS
176	174	95	101	97.2	229674	PASS
177	176	5	9	6.9	15944	PASS

Average of 3.618 to 3.625 min.: F2980.D

0627BFBF1

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
44.90	2236	63.05	8382	86.95	12929	174.90	17773
47.00	5048	68.00	25834	87.85	12472	175.90	229674
48.00	1669	69.00	26262	91.95	5651	176.95	15944
49.00	11737	70.00	1783	93.00	10930		
50.00	53149	73.00	9616	94.00	31832		
51.00	17127	74.00	39829	95.00	292138		
55.95	3714	75.00	126389	95.95	21303		
57.00	7003	76.00	11053	140.90	1816		
60.00	1848	77.00	1559	142.85	1963		
61.00	11556	78.85	4529	172.85	1684		
62.00	12178	80.90	4270	173.90	236288		

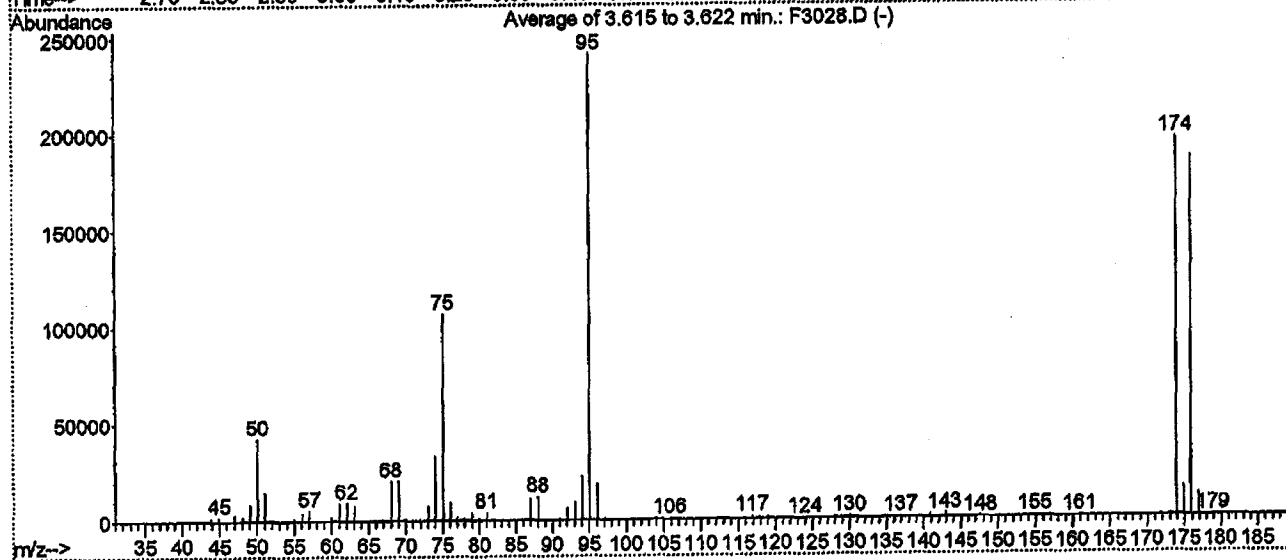
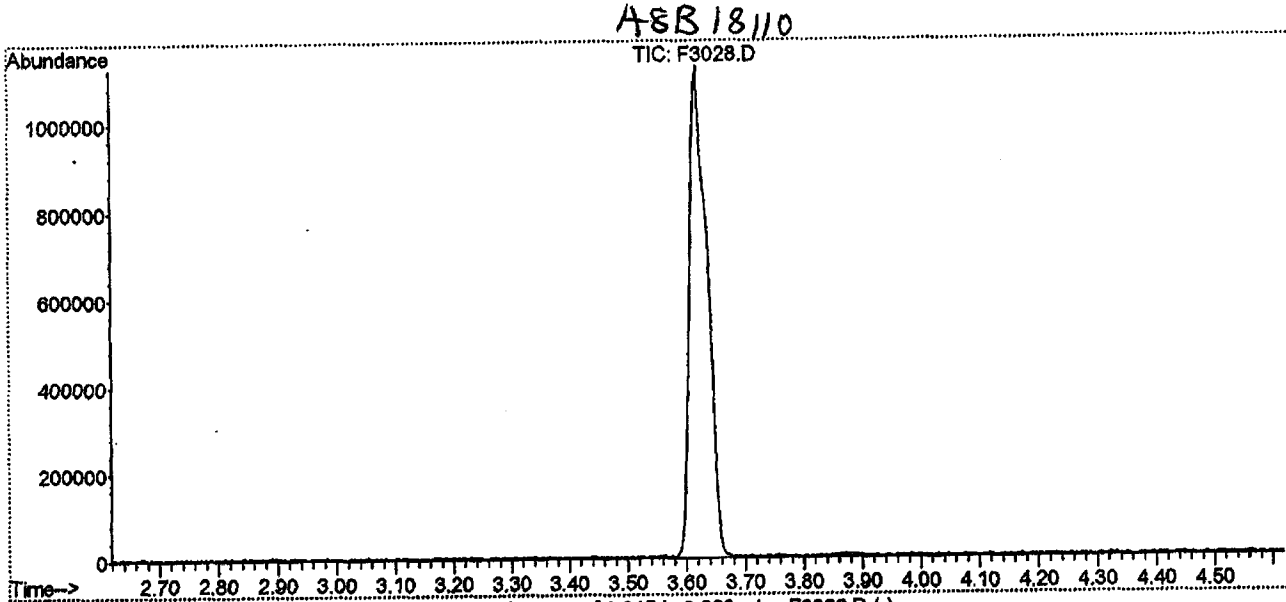
A8T...1911

A8C...1609

BFB Tune Evaluation

Data File : H:\GCMS_VOA\F\070108\F3028.D
 Acq On : 1 Jul 2008 8:07
 Sample : 0701BFBF1
 Misc :
 MS Integration Params: RTEINT.P
 Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON

Vial: 1
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00



Peak Apex is scan: 484 (3.62 min)
 Average of 3 scans: 483,484,485 minus background scan 464 (3.55 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
50	95	15	40	17.5	42197	PASS
75	95	30	60	44.1	106600	PASS
95	95	100	100	100.0	241493	PASS
96	95	5	9	7.4	17981	PASS
173	174	0	2	0.3	534	PASS
174	95	50	100	80.9	195285	PASS
175	174	5	9	7.7	15041	PASS
176	174	95	101	95.3	186048	PASS
177	176	5	9	6.2	11546	PASS

Average of 3.615 to 3.622 min.: F3028.D

0701BFBF1

Modified:subtracted

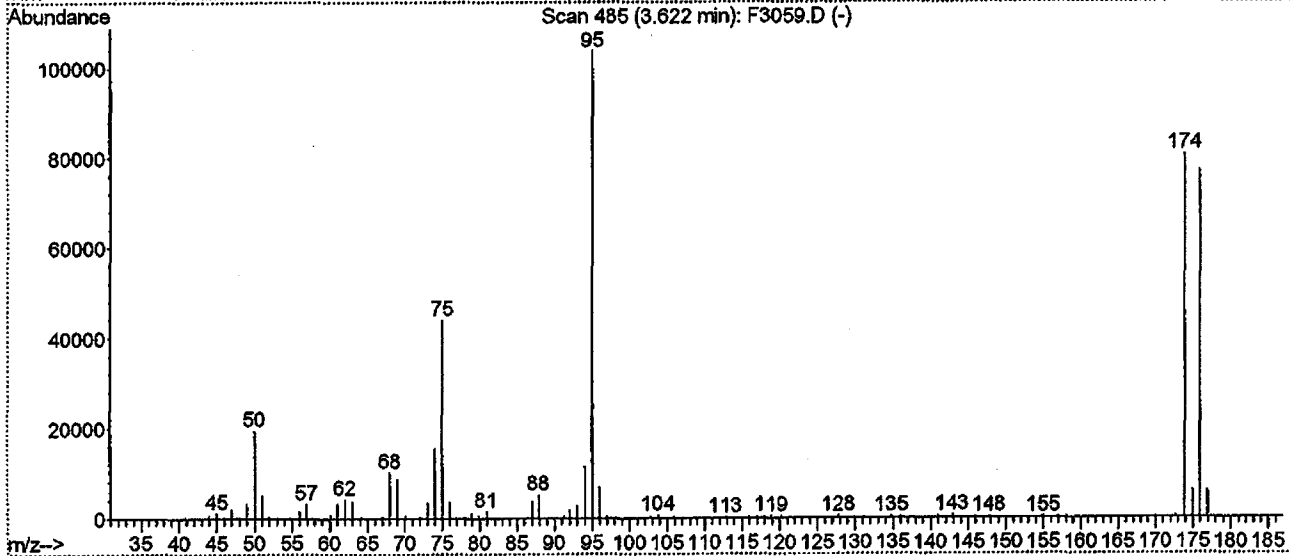
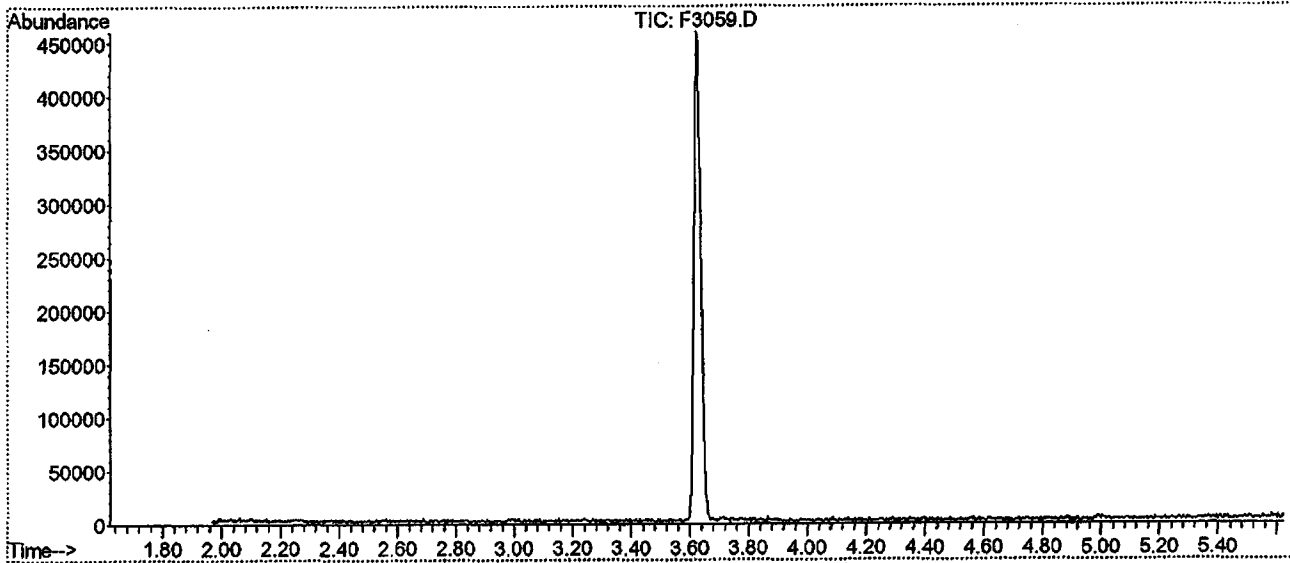
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
44.95	1929	63.00	7749	88.00	11738	175.90	186048
47.05	3140	68.00	20272	92.00	5908	176.90	11546
48.05	1772	69.00	20189	93.00	8793		
49.05	8653	73.00	7265	94.00	22354		
50.05	42197	73.95	33014	95.00	241493		
51.00	14505	75.00	106600	96.00	17981		
56.05	3866	76.00	9247	116.85	1274		
57.00	5185	76.95	1507	140.90	1635		
60.00	1772	78.90	3735	142.90	1860		
61.00	8816	80.95	3973	173.90	195285		
62.00	9137	86.95	10800	174.90	15041		

BFB

4x

Data File : H:\GCMS_VOA\F\070308\F3059.D
 Acq On : 3 Jul 2008 19:38
 Sample : 0703BFBF1
 Misc :
 MS Integration Params: RTEINT.P
 Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON

Vial: 23
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00



Spectrum Information: Scan 485

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	19536	PASS
75	95	30	60	42.3	43960	PASS
95	95	100	100	100.0	103872	PASS
96	95	5	9	6.6	6835	PASS
173	174	0.00	2	0.5	376	PASS
174	95	50	100	77.6	80592	PASS
175	174	5	9	7.5	6007	PASS
176	174	95	101	95.5	76976	PASS
177	176	5	9	7.6	5833	PASS

Scan 485 (3.622 min): F3059.D

0703BFBF1

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
40.90	270	53.10	201	68.00	10217	79.90	611
44.00	658	54.80	211	69.00	8679	80.90	1586
45.00	1218	56.00	1672	70.10	560	81.70	170
46.00	268	56.90	3156	72.00	282	87.00	3738
47.00	2162	60.10	840	73.00	3440	87.90	5200
47.70	329	61.00	3315	74.00	15363	91.30	400
48.00	326	62.00	4297	75.00	43960	92.00	1929
49.00	3285	63.00	3804	76.00	3540	93.00	2863
50.00	19536	64.20	270	76.90	87	94.00	11418
51.00	5230	67.00	218	78.00	146	95.00	103872
51.90	349	67.20	224	78.90	1269	95.95	6835

Scan 485 (3.622 min): F3059.D

0703BFBF1

Modified:subtracted

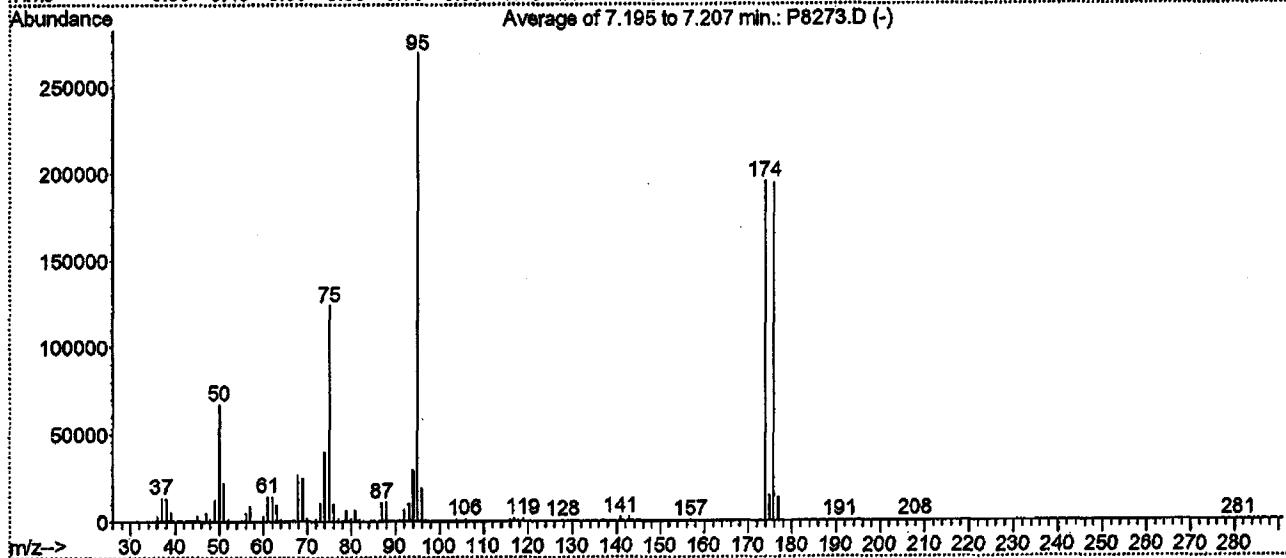
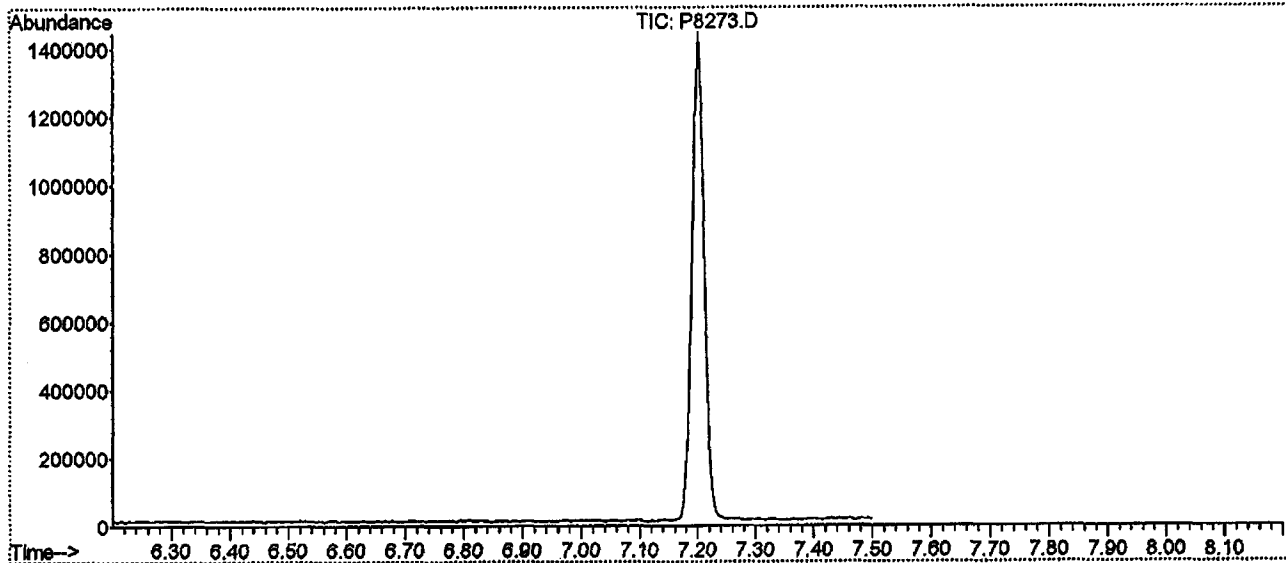
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
96.90	479	127.80	545	157.00	191		
102.80	222	129.90	158	158.10	216		
103.80	716	131.20	204	170.00	314		
105.90	287	134.80	376	171.60	184		
107.00	153	136.00	245	172.20	170		
112.80	165	141.00	460	172.70	376		
115.90	279	142.90	666	173.90	80592		
117.00	416	146.00	247	174.90	6007		
118.00	337	147.80	334	175.90	76976		
118.90	536	154.70	166	176.90	5833		
120.20	506	155.00	257				

BFB Tune Evaluation

A87...1649

Data File : H:\GCMS_VOA\P\061008\P8273.D
 Acq On : 10 Jun 2008 18:00
 Sample : 0610BFBP1
 Misc :
 MS Integration Params: RTEINT.P
 Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML

Vial: 1
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00



Peak Apex is scan: 620 (7.20 min)

Average of 3 scans: 619,620,621 minus background scan 600 (7.08 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
50	95	15	40	24.9	67098	PASS
75	95	30	60	45.9	123656	PASS
95	95	100	100	100.0	269397	PASS
96	95	5	9	7.0	18764	PASS
173	174	0	2	0.3	593	PASS
174	95	50	100	72.6	195477	PASS
175	174	5	9	7.4	14403	PASS
176	174	95	101	99.3	194026	PASS
177	176	5	9	6.9	13459	PASS

Average of 7.195 to 7.207 min.: P8273.D

0610BFBP1

Modified:subtracted

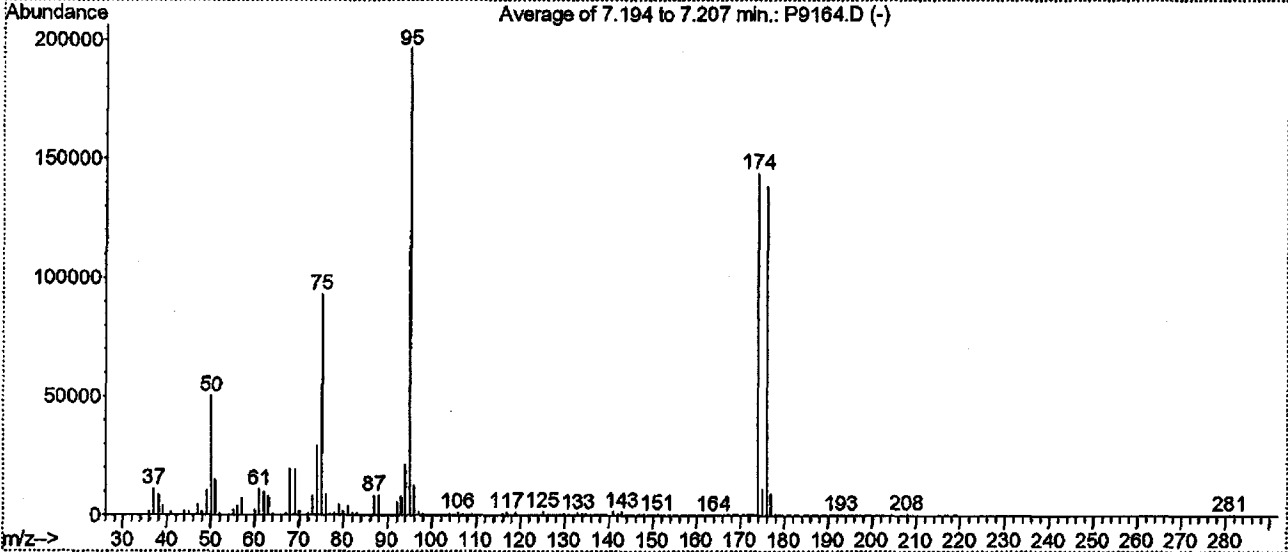
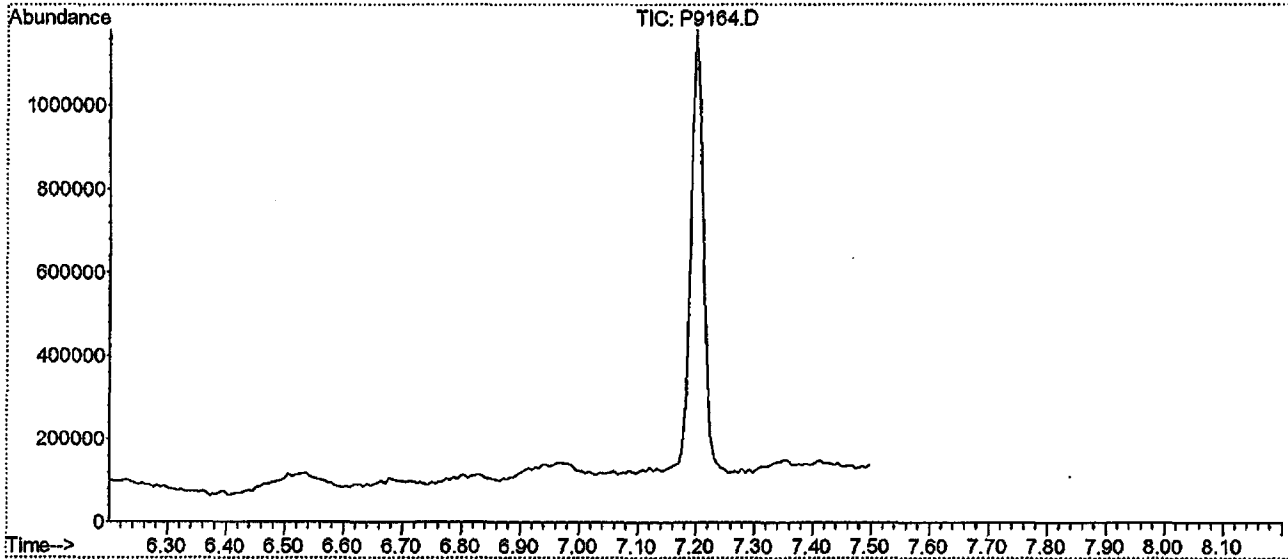
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	2745	59.95	2675	78.90	5999	118.95	1563
37.00	13099	61.00	13867	79.95	1565	140.90	2219
38.00	12729	62.00	13711	80.90	6472	142.85	2001
39.10	4927	63.00	9298	86.95	10652	173.90	195477
45.00	3023	67.95	26642	87.95	10735	174.95	14403
47.00	5052	69.00	24339	92.00	6435	175.90	194026
49.00	12070	69.95	1933	93.00	9931	176.90	13459
50.00	67098	73.00	10315	94.00	29368		
51.00	21517	74.00	39634	95.00	269397		
56.00	4599	75.00	123656	95.95	18764		
57.00	8453	76.00	10013	116.90	1500		

BFB Tune Evaluation

Data File : H:\GCMS_VOA\P\070308\P9164.D
 Acq On : 3 Jul 2008 21:24
 Sample : 0703BFBP2
 Misc :
 MS Integration Params: RTEINT.P
 Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML

28

Vial: 1
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00



Peak Apex is scan: 620 (7.20 min)
 Average of 3 scans: 619,620,621 minus background scan 600 (7.08 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
50	95	15	40	25.5	50162	PASS
75	95	30	60	47.3	92909	PASS
95	95	100	100	100.0	196379	PASS
96	95	5	9	6.3	12464	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	73.3	143893	PASS
175	174	5	9	7.7	11066	PASS
176	174	95	101	96.1	138352	PASS
177	176	5	9	6.5	9043	PASS

Average of 7.194 to 7.207 min.: P9164.D

0703BFBP2

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1896	51.00	14904	73.00	7682	92.00	5507
37.00	10883	55.00	2294	74.00	29160	93.00	7818
38.05	8761	56.00	3938	75.00	92909	94.00	21079
39.00	3820	57.00	7238	76.00	8750	95.00	196379
41.00	1406	59.95	2372	78.00	1119	95.95	12464
44.00	1640	61.00	10777	78.90	4336	97.00	1196
45.05	1303	62.00	9641	79.90	1855	105.90	1062
47.00	4375	63.00	7623	80.95	4079	116.90	1370
47.95	1459	68.00	19369	82.00	1146	118.95	1383
49.00	10172	69.00	19133	86.90	8349	125.05	1637
50.00	50162	70.00	1880	87.95	8304	140.95	1462

Average of 7.194 to 7.207 min.: P9164.D

0703BFBP2

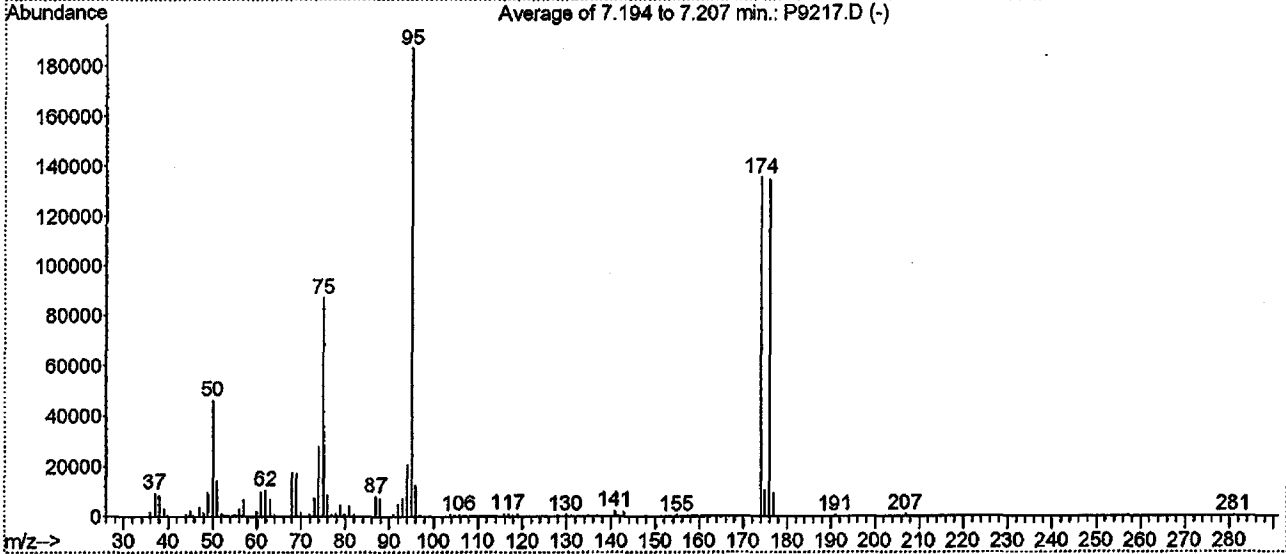
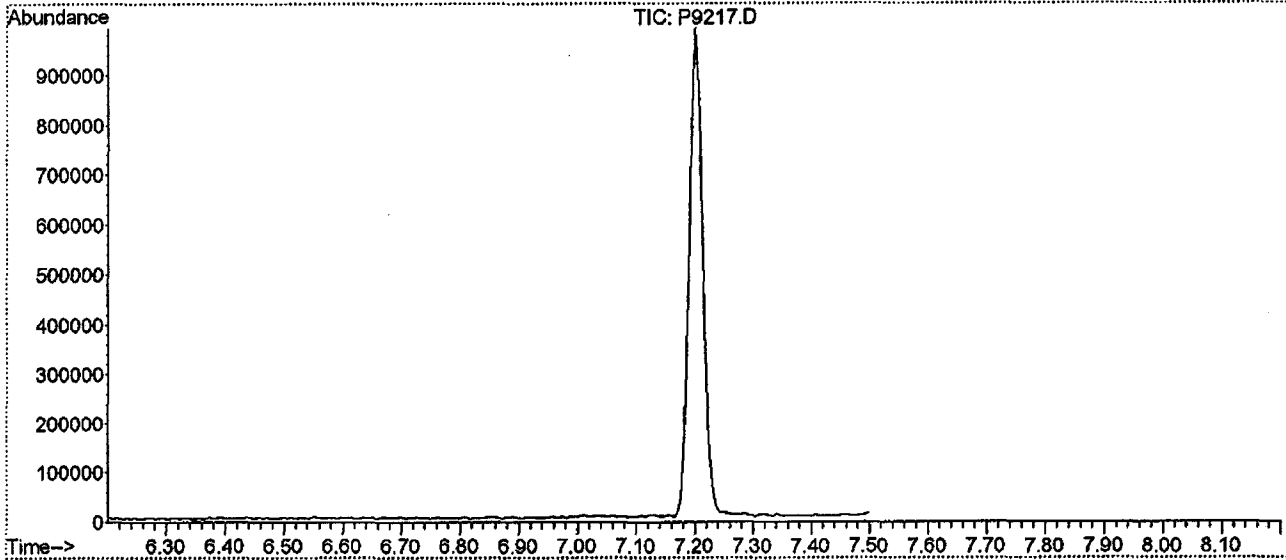
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
142.95	1748						
173.90	143893						
174.95	11066						
175.90	138352						
176.95	9043						

BFB Tune Evaluation *HC*

Data File : H:\GCMS_VOA\P\070708\P9217.D
 Acq On : 7 Jul 2008 21:07
 Sample : 0707BFBP2
 Misc :
 MS Integration Params: RTEINT.P
 Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML

Vial: 26
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00



Peak Apex is scan: 620 (7.20 min)

Average of 3 scans: 619,620,621 minus background scan 600 (7.08 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
50	95	15	40	24.6	45981	PASS
75	95	30	60	46.4	86909	PASS
95	95	100	100	100.0	187200	PASS
96	95	5	9	6.5	12192	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	72.3	135362	PASS
175	174	5	9	7.6	10300	PASS
176	174	95	101	99.4	134573	PASS
177	176	5	9	6.9	9301	PASS

Average of 7.194 to 7.207 min.: P9217.D

0707BFBP2

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1766	57.00	6280	75.95	8301	116.85	1098
37.00	9101	60.00	1987	77.90	1026	140.90	2286
38.00	8327	61.00	9930	78.90	4381	142.95	1718
39.05	2937	62.00	10426	80.90	4309	173.90	135362
44.95	2256	63.00	6709	86.95	7787	174.95	10300
47.05	3684	68.00	17511	87.95	6841	175.90	134573
47.95	1584	69.00	17001	92.00	5042	176.90	9301
49.00	9228	70.00	1788	93.00	7013		
50.00	45981	72.95	7116	94.00	20362		
51.00	13987	74.00	27416	95.00	187200		
56.00	2814	75.00	86909	95.95	12192		

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1804402Sample wt/vol: 5.00 (g/mL) G Lab File ID: F2984.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 06/27/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5	U
75-27-4-----	Bromodichloromethane	5	U
75-25-2-----	Bromoform	5	U
74-83-9-----	Bromomethane	5	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-90-7-----	Chlorobenzene	5	U
75-00-3-----	Chloroethane	5	U
67-66-3-----	Chloroform	5	U
74-87-3-----	Chloromethane	5	U
110-82-7-----	Cyclohexane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
124-48-1-----	Dibromochloromethane	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
75-71-8-----	Dichlorodifluoromethane	5	U
75-34-3-----	1,1-Dichloroethane	5	U
107-06-2-----	1,2-Dichloroethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5----	cis-1,3-Dichloropropene	5	U
10061-02-6----	trans-1,3-Dichloropropene	5	U
100-41-4-----	Ethylbenzene	5	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5	U
79-20-9-----	Methyl acetate	5	U
108-87-2-----	Methylcyclohexane	5	U
75-09-2-----	Methylene chloride	5	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK39

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1804402Sample wt/vol: 5.00 (g/mL) G Lab File ID: F2984.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 06/27/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

108-10-1-----	4-Methyl-2-pentanone	25		U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	5		U
100-42-5-----	Styrene	5		U
79-34-5-----	1,1,2,2-Tetrachloroethane	5		U
127-18-4-----	Tetrachloroethene	5		U
108-88-3-----	Toluene	5		U
120-82-1-----	1,2,4-Trichlorobenzene	5		U
71-55-6-----	1,1,1-Trichloroethane	5		U
79-00-5-----	1,1,2-Trichloroethane	5		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5		U
75-69-4-----	Trichlorofluoromethane	5		U
79-01-6-----	Trichloroethene	5		U
75-01-4-----	Vinyl chloride	10		U
1330-20-7-----	Total Xylenes	15		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK39

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1804402

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F2984.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Date Analyzed: 06/27/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

Quantitation Report (Not Reviewed)

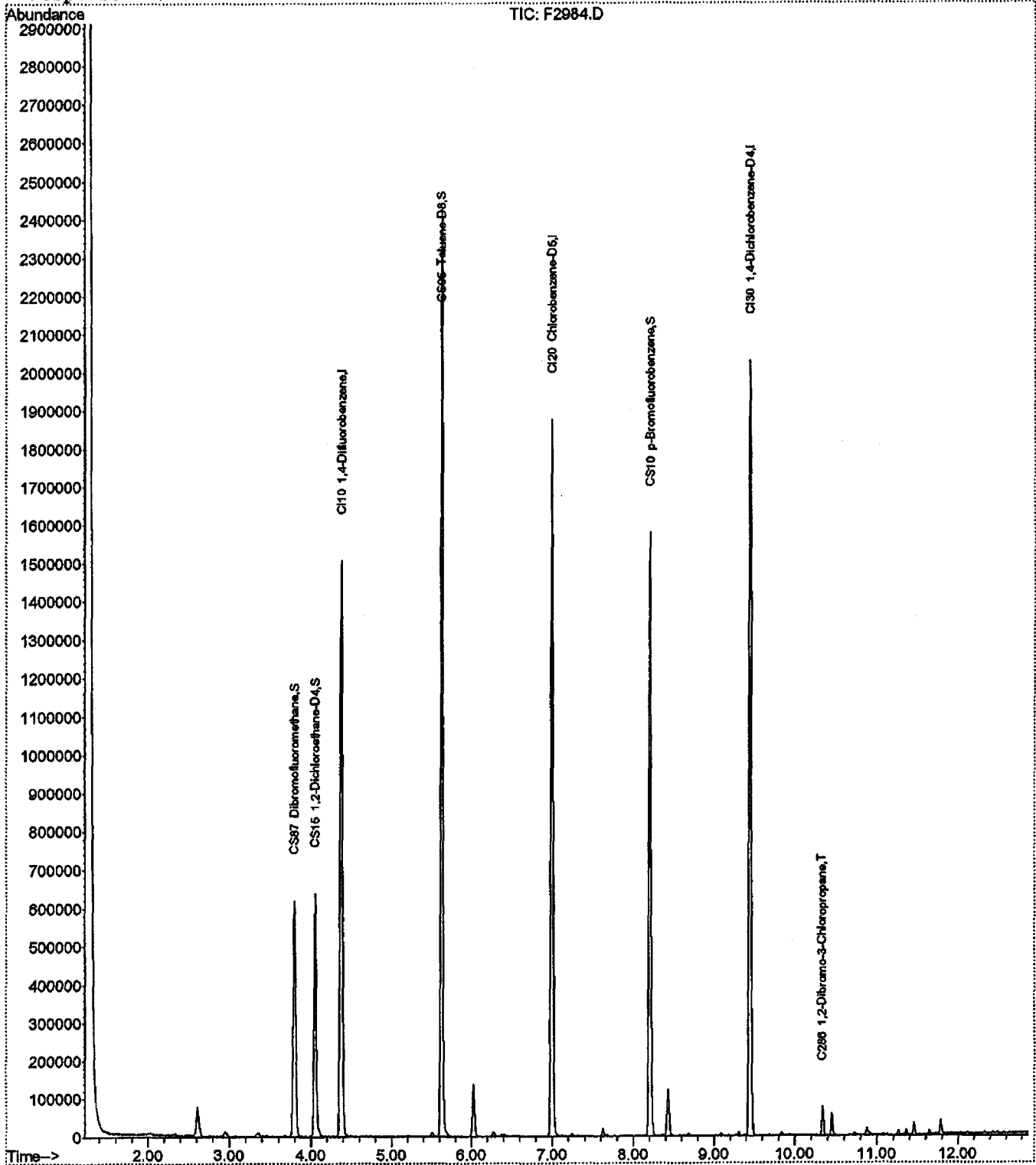
+ Add
No TIC

Data File : H:\GCMS_VOA\F\062708\F2984.D
Acq On : 27 Jun 2008 20:50
Sample : VBLK39
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 27 21:11 2008

Vial: 23
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Jun 27 21:10:07 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\062708\F2984.D
 Acq On : 27 Jun 2008 20:50
 Sample : VBLK39
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 27 21:11:24 2008

Vial: 23
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

↓ Add
 No 7/C

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Fri Jun 27 21:10:07 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\062708\F2983.D (27 Jun 2008 20:24)

Site
 2006/27/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1297263	250.00	ng	0.00	99.24%
43) CI20 Chlorobenzene-D5	6.99	82	623597	250.00	ng	0.00	98.58%
63) CI30 1,4-Dichlorobenzene-	9.44	152	560671	250.00	ng	0.00	97.54%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	408753	265.46	ng	0.00	
Spiked Amount	250.000	Range	70 - 130	Recovery	=	106.18%	
32) CS15 1,2-Dichloroethane-D	4.05	65	442755	241.93	ng	0.00	
Spiked Amount	250.000	Range	64 - 126	Recovery	=	96.77%	
44) CS05 Toluene-D8	5.62	98	1696664	269.16	ng	0.00	
Spiked Amount	250.000	Range	71 - 125	Recovery	=	107.66%	
62) CS10 p-Bromofluorobenzene	8.20	174	484383	260.80	ng	0.00	
Spiked Amount	250.000	Range	72 - 126	Recovery	=	104.32%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	1.36	85	494		N.D.	
3) C010 Chloromethane	1.47	50	1097		N.D.	
4) C020 Vinyl chloride	0.00	62	0		N.D.	
5) C015 Bromomethane	1.81	94	143		N.D.	
6) C025 Chloroethane	0.00	64	0		N.D.	
7) C275 Trichlorofluorometha	2.03	101	2381		N.D.	
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0		N.D.	
9) C045 1,1-Dichloroethene	0.00	96	0		N.D.	
10) C030 Methylene chloride	2.61	84	43339		Below Cal	82
11) C040 Carbon disulfide	2.48	76	2279		N.D.	
12) C036 Acrolein	2.23	56	199		N.D.	
13) C038 Acrylonitrile	2.76	53	1128		N.D.	
14) C035 Acetone	2.33	43	7878		N.D.	
15) C300 Acetonitrile	2.51	41	5472		N.D.	
16) C276 Iodomethane	0.00	142	0		N.D.	
17) C255 Methyl Acetate	0.00	43	0		N.D.	
18) C962 T-butyl Methyl Ether	0.00	73	0		N.D.	
19) C057 trans-1,2-Dichloroet	0.00	96	0		N.D.	
20) C050 1,1-Dichloroethane	0.00	63	0		N.D.	
21) C125 Vinyl Acetate	3.06	43	2529		N.D.	
22) C051 2,2-Dichloropropane	0.00	77	0		N.D.	
23) C056 cis-1,2-Dichloroethe	0.00	96	0		N.D.	
24) C272 Tetrahydrofuran	0.00	42	0		N.D.	
25) C222 Bromochloromethane	0.00	128	0		N.D.	
26) C060 Chloroform	3.67	83	1339		N.D.	
28) C256 Cyclohexane	0.00	56	0		N.D.	
29) C115 1,1,1-Trichloroethan	0.00	97	0		N.D.	
30) C120 Carbon tetrachloride	0.00	117	0		N.D.	
31) C116 1,1-Dichloropropene	0.00	75	0		N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : H:\GCMS_VOA\F\062708\F2984.D
 Acq On : 27 Jun 2008 20:50
 Sample : VBLK39
 Misc :

Vial: 23
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jun 27 21:11:24 2008

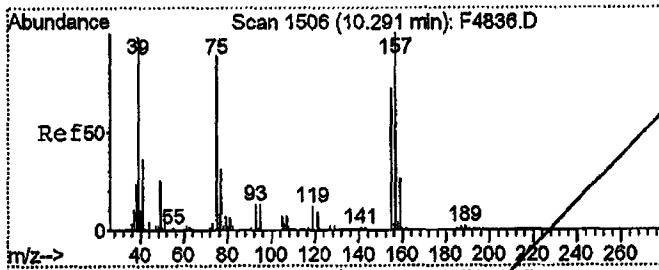
Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Fri Jun 27 21:10:07 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	6645		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	3.46	43	3049		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	0.00	83	0		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.68	92	2447		N.D.	
46) C170 trans-1,3-Dichloropr	5.87	75	342		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.50	43	8006		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	6.27	43	8987		N.D.	
55) C235 Chlorobenzene	7.02	112	1253		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.12	91	2211		N.D.	
58) C246 m,p-Xylene	7.25	106	1614		N.D.	
59) C247 o-Xylene	0.00	106	0		N.D.	
60) C245 Styrene	7.67	104	2300		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	8.04	105	699		N.D.	
65) C301 Bromobenzene	8.36	156	800		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	8.42	53	1551		N.D.	
69) C302 n-Propylbenzene	8.48	91	2583		N.D.	
70) C303 O 2-Chlorotoluene	8.69	126	296		N.D.	
71) C289 P 4-Chlorotoluene	8.57	126	181		N.D.	
72) C304 1,3,5-Trimethylbenze	8.66	105	1591		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.08	105	3844		N.D.	
75) C308 sec-Butylbenzene	9.26	105	1646		N.D.	
76) C260 1,3-Dichlorobenzene	9.38	146	2028		N.D.	
77) C309 p-Cymene (4-Isopropy	9.42	119	1637		N.D.	
78) C267 1,4-Dichlorobenzene	9.47	146	4467		N.D.	
79) C249 1,2-Dichlorobenzene	9.83	146	2038		N.D.	
80) C310 n-Butylbenzene	9.83	91	4143		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.33	75	2113	8.16 ng	#	1
82) C313 1,2,4-Trichlorobenze	11.26	180	3559		N.D.	
83) C316 Hexachlorobutadiene	11.40	225	325		N.D.	
84) C314 Naphthalene	11.45	128	24016		N.D.	
85) C934 1,2,3-Trichlorobenze	11.65	180	3390		N.D.	

(#) = qualifier out of range (m) = manual integration
 F2984.D A8I00000477.M Fri Jun 27 21:11:28 2008

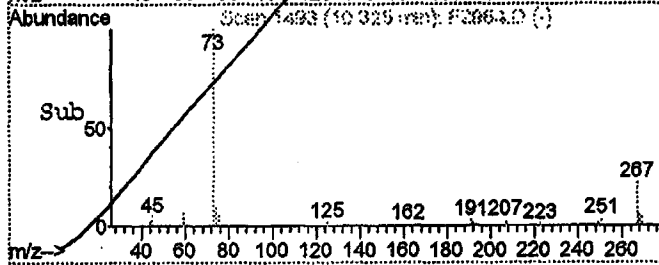
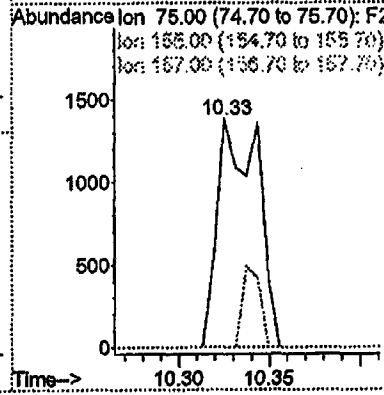
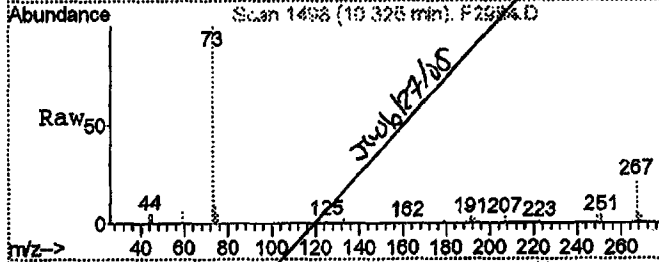
HP5973P



#81
 C286 1,2-Dibromo-3-Chloropropane
 Concen: 8.16 ng
 RT: 10.33 min Scan# 1498
 Delta R.T. -0.23 min
 Lab File: F2984.D
 Acq: 27 Jun 2008 20:50

Tgt Ion: 75 Resp: 2113

Ion	Ratio	Lower	Upper
75	100		
155	0.0	62.7	122.7#
157	0.0	87.9	147.9#



Tentatively Identified Compound (LSC) summary

Operator ID: JLG Date Acquired: 27 Jun 2008 20:50
Data File: H:\GCMS_VOA\F\062708\F2984.D
Name: VBLK39
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1811002Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3033.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	25	U
71-43-2-----	Benzene	5	U
75-27-4-----	Bromodichloromethane	5	U
75-25-2-----	Bromoform	5	U
74-83-9-----	Bromomethane	5	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-90-7-----	Chlorobenzene	5	U
75-00-3-----	Chloroethane	5	U
67-66-3-----	Chloroform	5	U
74-87-3-----	Chloromethane	5	U
110-82-7-----	Cyclohexane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
124-48-1-----	Dibromochloromethane	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
75-71-8-----	Dichlorodifluoromethane	5	U
75-34-3-----	1,1-Dichloroethane	5	U
107-06-2-----	1,2-Dichloroethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5----	cis-1,3-Dichloropropene	5	U
10061-02-6----	trans-1,3-Dichloropropene	5	U
100-41-4-----	Ethylbenzene	5	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5	U
79-20-9-----	Methyl acetate	5	U
108-87-2-----	Methylcyclohexane	5	U
75-09-2-----	Methylene chloride	5	U

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1811002Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3033.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

108-10-1-----	4-Methyl-2-pentanone	25		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	5		U
100-42-5-----	Styrene	5		U
79-34-5-----	1,1,2,2-Tetrachloroethane	5		U
127-18-4-----	Tetrachloroethene	5		U
108-88-3-----	Toluene	5		U
120-82-1-----	1,2,4-Trichlorobenzene	5		U
71-55-6-----	1,1,1-Trichloroethane	5		U
79-00-5-----	1,1,2-Trichloroethane	5		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5		U
75-69-4-----	Trichlorofluoromethane	5		U
79-01-6-----	Trichloroethene	5		U
75-01-4-----	Vinyl chloride	10		U
1330-20-7-----	Total Xylenes	15		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK42

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOILLab Sample ID: A8B1811002Sample wt/vol: 5.00 (g/mL) GLab File ID: F3033.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____

Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8B1811004Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3033.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	5.0	U
71-43-2-----	Benzene	1.0	U
75-27-4-----	Bromodichloromethane	1.0	U
75-25-2-----	Bromoform	1.0	U
74-83-9-----	Bromomethane	1.0	U
78-93-3-----	2-Butanone	5.0	U
75-15-0-----	Carbon Disulfide	1.0	U
56-23-5-----	Carbon Tetrachloride	1.0	U
108-90-7-----	Chlorobenzene	1.0	U
75-00-3-----	Chloroethane	1.0	U
67-66-3-----	Chloroform	1.0	U
74-87-3-----	Chloromethane	1.0	U
110-82-7-----	Cyclohexane	1.0	U
106-93-4-----	1,2-Dibromoethane	1.0	U
124-48-1-----	Dibromochloromethane	1.0	U
96-12-8-----	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1-----	1,2-Dichlorobenzene	1.0	U
541-73-1-----	1,3-Dichlorobenzene	1.0	U
106-46-7-----	1,4-Dichlorobenzene	1.0	U
75-71-8-----	Dichlorodifluoromethane	1.0	U
75-34-3-----	1,1-Dichloroethane	1.0	U
107-06-2-----	1,2-Dichloroethane	1.0	U
75-35-4-----	1,1-Dichloroethene	1.0	U
156-59-2-----	cis-1,2-Dichloroethene	1.0	U
156-60-5-----	trans-1,2-Dichloroethene	1.0	U
78-87-5-----	1,2-Dichloropropane	1.0	U
10061-01-5----	cis-1,3-Dichloropropene	1.0	U
10061-02-6----	trans-1,3-Dichloropropene	1.0	U
100-41-4-----	Ethylbenzene	1.0	U
591-78-6-----	2-Hexanone	5.0	U
98-82-8-----	Isopropylbenzene	1.0	U
79-20-9-----	Methyl acetate	1.0	U
108-87-2-----	Methylcyclohexane	1.0	U
75-09-2-----	Methylene chloride	1.0	U

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK42

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8B1811004Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3033.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
---------	----------	-----------------	-------------	---

108-10-1-----	4-Methyl-2-pentanone	5.0		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0		U
100-42-5-----	Styrene	1.0		U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0		U
127-18-4-----	Tetrachloroethene	1.0		U
108-88-3-----	Toluene	1.0		U
120-82-1-----	1,2,4-Trichlorobenzene	1.0		U
71-55-6-----	1,1,1-Trichloroethane	1.0		U
79-00-5-----	1,1,2-Trichloroethane	1.0		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0		U
75-69-4-----	Trichlorofluoromethane	1.0		U
79-01-6-----	Trichloroethene	1.0		U
75-01-4-----	Vinyl chloride	1.0		U
1330-20-7-----	Total Xylenes	3.0		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK42

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) WATER Lab Sample ID: A8B1811004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3033.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Date Analyzed: 07/01/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

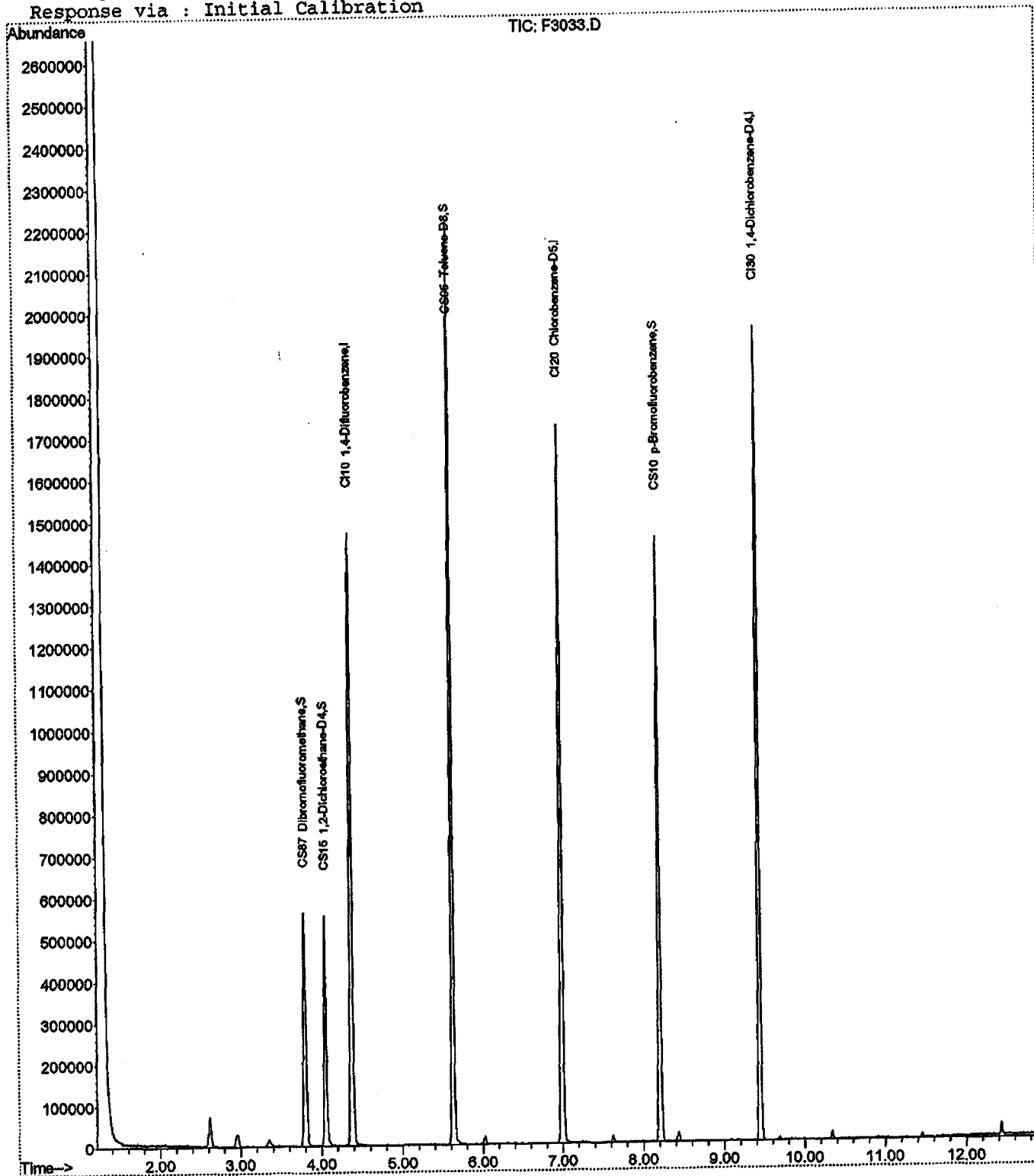
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\F\070108\F3033.D
Acq On : 1 Jul 2008 10:18
Sample : VBLK42
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 1 11:17 2008

Vial: 6
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\070108\F3033.D
 Acq On : 1 Jul 2008 10:18
 Sample : VBLK42
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 01 11:17:50 2008

Vial: 6
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 09:52:08 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\070108\F3029.D (1 Jul 2008 8:32)

NO TIC
HAS been clean to 7/1/08

Internal Standards	R.T.	QI on	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1230723	250.00	ng	0.00 94.58%
43) CI20 Chlorobenzene-D5	6.99	82	588292	250.00	ng	0.00 93.71%
63) CI30 1,4-Dichlorobenzene-	9.44	152	511841	250.00	ng	0.00 92.26%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	379376	259.70	ng	0.00
Spiked Amount	Range 70 - 130		Recovery	=		103.88%
32) CS15 1,2-Dichloroethane-D	4.05	65	388640	223.84	ng	0.00
Spiked Amount	Range 64 - 126		Recovery	=		89.54%
44) CS05 Toluene-D8	5.62	98	1592128	267.73	ng	0.00
Spiked Amount	Range 71 - 125		Recovery	=		107.09%
62) CS10 p-Bromofluorobenzene	8.20	174	433416	247.37	ng	0.00
Spiked Amount	Range 72 - 126		Recovery	=		98.95%

Target Compounds

Target Compounds	R.T.	QI on	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	1.46	50	944	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	2.03	101	689	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.61	84	37701	Below Cal		91
11) C040 Carbon disulfide	2.48	76	1653	N.D.		
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.33	43	5207	N.D.		
15) C300 Acetonitrile	2.53	41	1136	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	0.00	43	0	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	3.07	43	717	N.D.		
22) C051 2,2-Dichloropropane	3.41	77	128	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	3.68	42	176	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.69	83	1509	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

mjs/...

Quantitation Report

Data File : H:\GCMS_VOA\F\070108\F3033.D
 Acq On : 1 Jul 2008 10:18
 Sample : VBLK42
 Misc :

Vial: 6
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jul 01 11:17:50 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 09:52:08 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.11	78	3336		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	3.46	43	875		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	0.00	83	0		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.68	92	1324		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.62	43	6554		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	6.27	43	1118		N.D.	
55) C235 Chlorobenzene	0.00	112	0		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.24	91	1877		N.D.	
58) C246 m,p-Xylene	7.24	106	1070		N.D.	
59) C247 o-Xylene	0.00	106	0		N.D.	
60) C245 Styrene	7.67	104	420		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	8.21	105	179		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	0.00	53	0		N.D.	
69) C302 n-Propylbenzene	8.48	91	468		N.D.	
70) C303 O 2-Chlorotoluene	0.00	126	0		N.D.	
71) C289 P 4-Chlorotoluene	8.69	126	142		N.D.	
72) C304 1,3,5-Trimethylbenze	8.67	105	169		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.08	105	1289		N.D.	
75) C308 sec-Butylbenzene	9.08	105	1289		N.D.	
76) C260 1,3-Dichlorobenzene	9.38	146	601		N.D.	
77) C309 p-Cymene (4-Isopropy	9.41	119	429		N.D.	
78) C267 1,4-Dichlorobenzene	9.47	146	1709		N.D.	
79) C249 1,2-Dichlorobenzene	9.84	146	522		N.D.	
80) C310 n-Butylbenzene	9.83	91	716		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.33	75	532		N.D.	
82) C313 1,2,4-Trichlorobenze	11.26	180	903		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	11.46	128	7671		N.D.	
85) C934 1,2,3-Trichlorobenze	11.64	180	902		N.D.	

(#) = qualifier out of range (m) = manual integration
 F3033.D A8I00000477.M Tue Jul 01 11:17:53 2008

HP5973P

Page 2

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Jul 2008 10:18
Data File: H:\GCMS_VOA\F\070108\F3033.D
Name: VBLK42
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833002Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3064.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/03/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	6	J
71-43-2-----	Benzene	5	U
75-27-4-----	Bromodichloromethane	5	U
75-25-2-----	Bromoform	5	U
74-83-9-----	Bromomethane	5	U
78-93-3-----	2-Butanone	25	U
75-15-0-----	Carbon Disulfide	5	U
56-23-5-----	Carbon Tetrachloride	5	U
108-90-7-----	Chlorobenzene	5	U
75-00-3-----	Chloroethane	5	U
67-66-3-----	Chloroform	5	U
74-87-3-----	Chloromethane	5	U
110-82-7-----	Cyclohexane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
124-48-1-----	Dibromochloromethane	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
75-71-8-----	Dichlorodifluoromethane	5	U
75-34-3-----	1,1-Dichloroethane	5	U
107-06-2-----	1,2-Dichloroethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
10061-01-5----	cis-1,3-Dichloropropene	5	U
10061-02-6----	trans-1,3-Dichloropropene	5	U
100-41-4-----	Ethylbenzene	5	U
591-78-6-----	2-Hexanone	25	U
98-82-8-----	Isopropylbenzene	5	U
79-20-9-----	Methyl acetate	5	U
108-87-2-----	Methylcyclohexane	5	U
75-09-2-----	Methylene chloride	5	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833002Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3064.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/03/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-10-1-----	4-Methyl-2-pentanone	25	U
1634-04-4----	Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5-----	Styrene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
108-88-3-----	Toluene	5	U
120-82-1-----	1,2,4-Trichlorobenzene	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
79-01-6-----	Trichloroethene	5	U
75-01-4-----	Vinyl chloride	10	U
1330-20-7-----	Total Xylenes	15	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK44

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833002

Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3064.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: not dec. _____ Date Analyzed: 07/03/2008

GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8B1833004Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3064.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/03/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
67-64-1	Acetone	5.9		
71-43-2	Benzene	1.0		U
75-27-4	Bromodichloromethane	1.0		U
75-25-2	Bromoform	1.0		U
74-83-9	Bromomethane	1.0		U
78-93-3	2-Butanone	5.0		U
75-15-0	Carbon Disulfide	1.0		U
56-23-5	Carbon Tetrachloride	1.0		U
108-90-7	Chlorobenzene	1.0		U
75-00-3	Chloroethane	1.0		U
67-66-3	Chloroform	1.0		U
74-87-3	Chloromethane	1.0		U
110-82-7	Cyclohexane	1.0		U
106-93-4	1,2-Dibromoethane	1.0		U
124-48-1	Dibromochloromethane	1.0		U
96-12-8	1,2-Dibromo-3-chloropropane	1.0		U
95-50-1	1,2-Dichlorobenzene	1.0		U
541-73-1	1,3-Dichlorobenzene	1.0		U
106-46-7	1,4-Dichlorobenzene	1.0		U
75-71-8	Dichlorodifluoromethane	1.0		U
75-34-3	1,1-Dichloroethane	1.0		U
107-06-2	1,2-Dichloroethane	1.0		U
75-35-4	1,1-Dichloroethene	1.0		U
156-59-2	cis-1,2-Dichloroethene	1.0		U
156-60-5	trans-1,2-Dichloroethene	1.0		U
78-87-5	1,2-Dichloropropane	1.0		U
10061-01-5	cis-1,3-Dichloropropene	1.0		U
10061-02-6	trans-1,3-Dichloropropene	1.0		U
100-41-4	Ethylbenzene	1.0		U
591-78-6	2-Hexanone	5.0		U
98-82-8	Isopropylbenzene	1.0		U
79-20-9	Methyl acetate	1.0		U
108-87-2	Methylcyclohexane	1.0		U
75-09-2	Methylene chloride	4.8		

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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK44

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8B1833004Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3064.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/03/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
---------	----------	-----------------	-------------	---

108-10-1-----	4-Methyl-2-pentanone	5.0		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	1.0		U
100-42-5-----	Styrene	1.0		U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.0		U
127-18-4-----	Tetrachloroethene	1.0		U
108-88-3-----	Toluene	1.0		U
120-82-1-----	1,2,4-Trichlorobenzene	1.0		U
71-55-6-----	1,1,1-Trichloroethane	1.0		U
79-00-5-----	1,1,2-Trichloroethane	1.0		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0		U
75-69-4-----	Trichlorofluoromethane	1.0		U
79-01-6-----	Trichloroethene	1.0		U
75-01-4-----	Vinyl chloride	1.0		U
1330-20-7-----	Total Xylenes	3.0		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK44

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8B1833004Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3064.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Date Analyzed: 07/03/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

Quantitation Report (Not Reviewed)

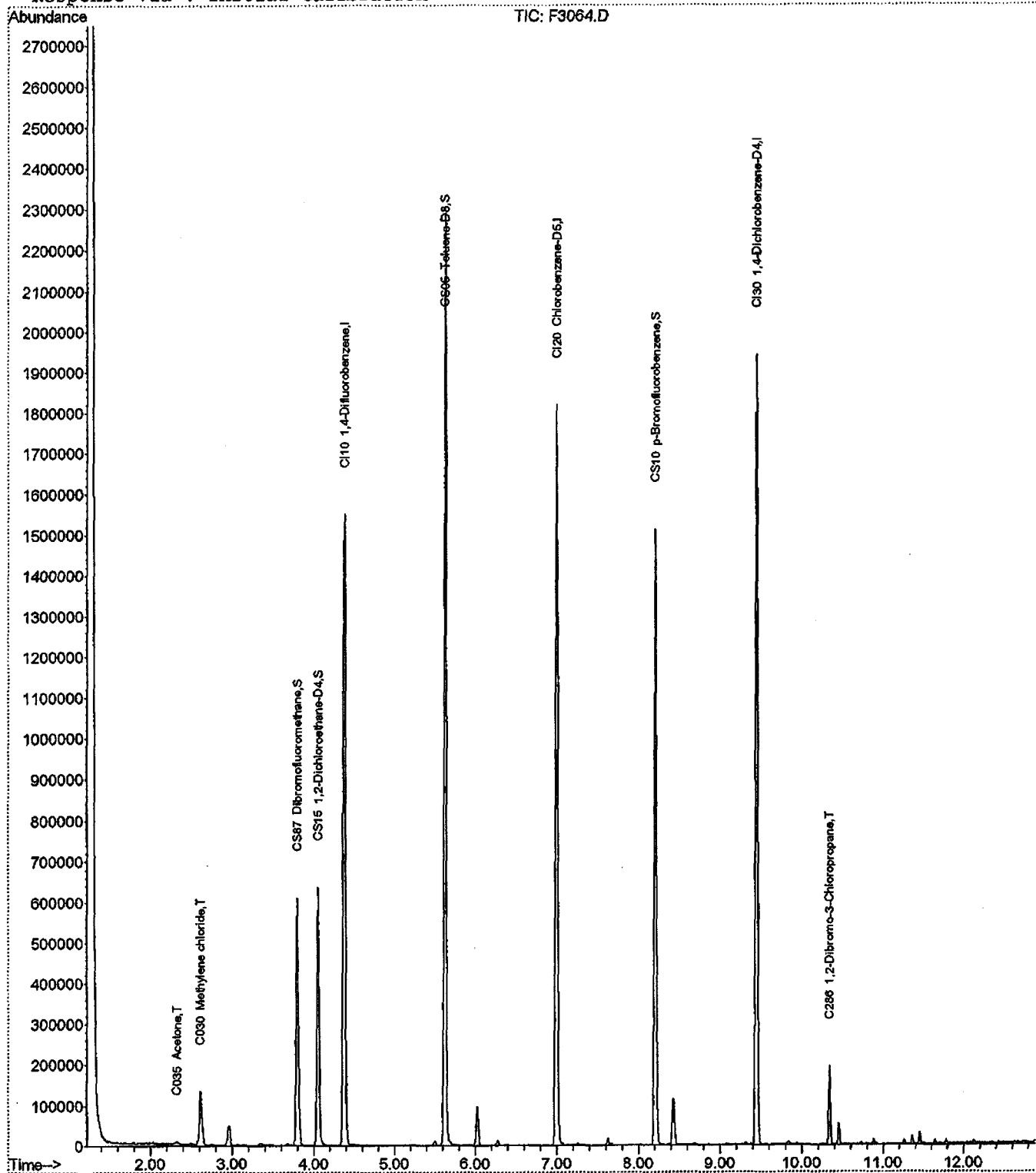
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No TIC

Data File : H:\GCMS_VOA\F\070308\F3064.D
Acq On : 3 Jul 2008 22:04
Sample : VBLK44
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 3 22:18 2008

Vial: 28
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Jul 03 22:08:38 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\070308\F3064.D
 Acq On : 3 Jul 2008 22:04
 Sample : VBLK44
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 03 22:18:10 2008

Vial: 28
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

+ AOB
 No TIC

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Thu Jul 03 22:08:38 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

(S7E)
 7/09/03/08

IS QA File : H:\GCMS_VOA\F\070308\F3062.D (3 Jul 2008 20:57)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1234532	250.00	ng	0.00 98.85%
43) CI20 Chlorobenzene-D5	6.99	82	600310	250.00	ng	0.00 97.52%
63) CI30 1,4-Dichlorobenzene-	9.44	152	524814	250.00	ng	0.00 96.56%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	385652	263.18	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	105.27%
32) CS15 1,2-Dichloroethane-D	4.05	65	408579	234.60	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	93.84%
44) CS05 Toluene-D8	5.62	98	1596140	263.03	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	105.21%
62) CS10 p-Bromofluorobenzene	8.20	174	437499	244.70	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	97.88%

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	1.36	85	129	N.D.		
3) C010 Chloromethane	1.45	50	579	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	2.01	101	1177	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
10) C030 Methylene chloride	2.61	84	75178	23.95 ng	< CDC	95
11) C040 Carbon disulfide	2.48	76	2178	N.D.		
12) C036 Acrolein	2.24	56	277	N.D.		
13) C038 Acrylonitrile	2.76	53	1509	N.D.	< CDC	93
14) C035 Acetone	2.33	43	11011	29.59 ng		
15) C300 Acetonitrile	2.51	41	6436	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	2.52	43	1356	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	2.77	96	141	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	3.08	43	2361	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	3.68	42	544	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.67	83	1386	N.D.		
28) C256 Cyclohexane	0.00	56	0	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

[Handwritten signature]

Quantitation Report

Data File : H:\GCMS_VOA\F\070308\F3064.D
 Acq On : 3 Jul 2008 22:04
 Sample : VBLK44
 Misc :

Vial: 28
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jul 03 22:18:10 2008

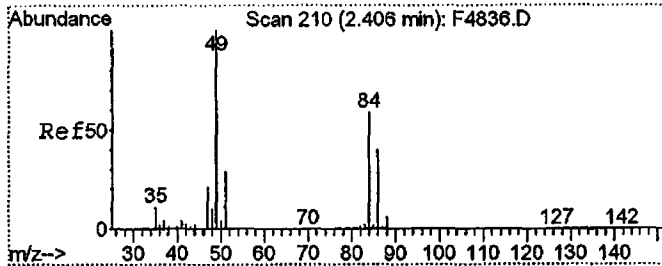
Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Thu Jul 03 22:08:38 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

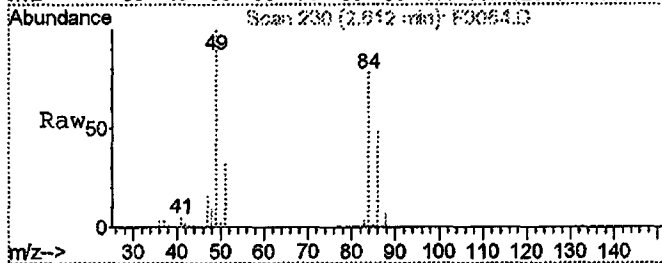
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	2667		N.D.	
34) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
35) C110 2-Butanone	3.48	43	3412		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
38) C012 Methylcyclohexane	0.00	83	0		N.D.	
39) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
40) C278 Dibromomethane	0.00	93	0		N.D.	
41) C130 Bromodichloromethane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	5.69	92	1492		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	5.95	69	800		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	5.50	43	8515		N.D.	
50) C220 Tetrachloroethene	6.20	166	310		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	6.54	107	212		N.D.	
54) C215 2-Hexanone	6.27	43	10897		N.D.	
55) C235 Chlorobenzene	7.02	112	1115		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	7.13	91	1702		N.D.	
58) C246 m,p-Xylene	7.25	106	1644		N.D.	
59) C247 o-Xylene	0.00	106	0		N.D.	
60) C245 Styrene	7.67	104	1909		N.D.	
61) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	8.03	105	1210		N.D.	
65) C301 Bromobenzene	8.37	156	944		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	8.41	53	1598		N.D.	
69) C302 n-Propylbenzene	8.48	91	2493		N.D.	
70) C303 O 2-Chlorotoluene	8.57	126	327		N.D.	
71) C289 P 4-Chlorotoluene	8.69	126	495		N.D.	
72) C304 1,3,5-Trimethylbenze	8.68	105	928		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	9.08	105	2645		N.D.	
75) C308 sec-Butylbenzene	9.26	105	1922		N.D.	
76) C260 1,3-Dichlorobenzene	9.38	146	1783		N.D.	
77) C309 p-Cymene (4-Isopropy	9.42	119	1745		N.D.	
78) C267 1,4-Dichlorobenzene	9.47	146	4276		N.D.	
79) C249 1,2-Dichlorobenzene	9.84	146	2171		N.D.	
80) C310 n-Butylbenzene	9.83	91	4466		N.D.	
81) C286 1,2-Dibromo-3-Chloro	10.34	75	5361	22.12	ng	# 3
82) C313 1,2,4-Trichlorobenze	11.26	180	3798		N.D.	
83) C316 Hexachlorobutadiene	11.39	225	292		N.D.	
84) C314 Naphthalene	11.45	128	20603		N.D.	
85) C934 1,2,3-Trichlorobenze	11.65	180	3575		N.D.	

(#) = qualifier out of range (m) = manual integration

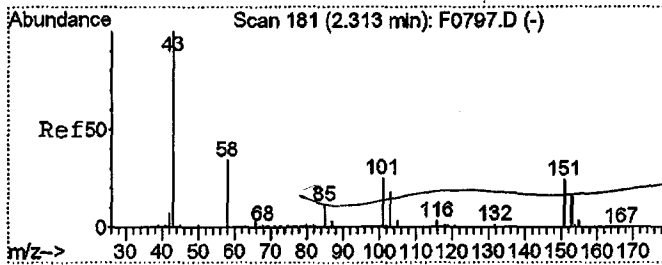
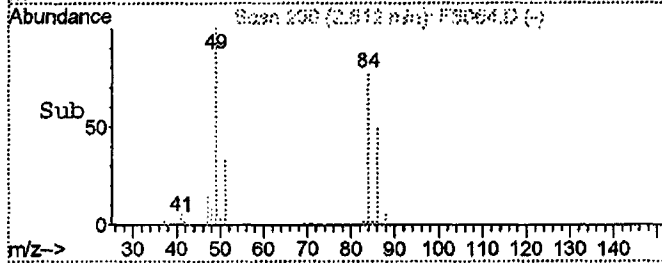
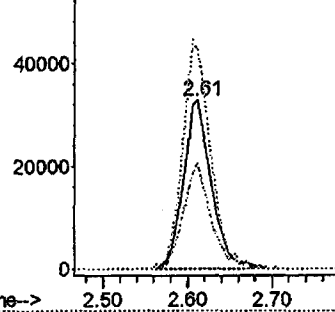


#10
 C030 Methylene chloride
 Concen: 23.95 ng
 RT: 2.61 min Scan# 230
 Delta R.T. 0.01 min
 Lab File: F3064.D
 Acq: 3 Jul 2008 22:04

Tgt Ion	Resp	Lower	Upper
84	75178		
86	62.7	40.0	100.0
49	128.5	95.0	155.0

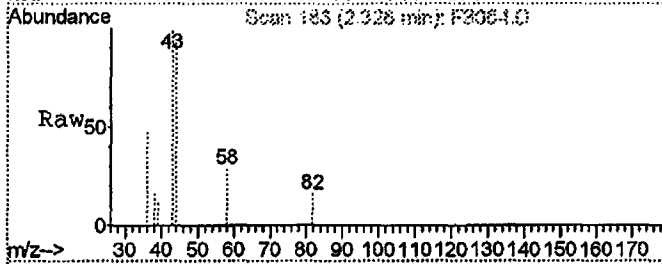


Abundance Ion 84.00 (83.70 to 84.70): F3
 Ion 86.00 (85.70 to 86.70): F3
 Ion 49.00 (48.70 to 49.70): F3

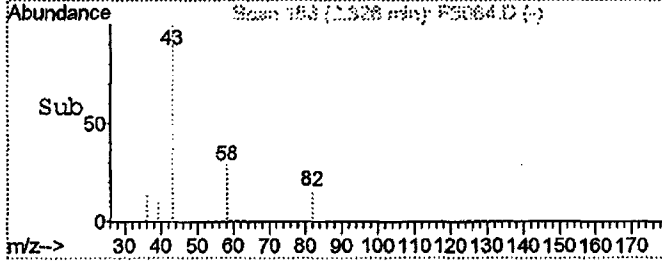
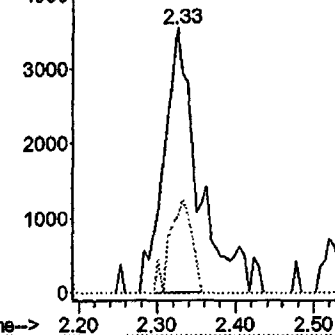


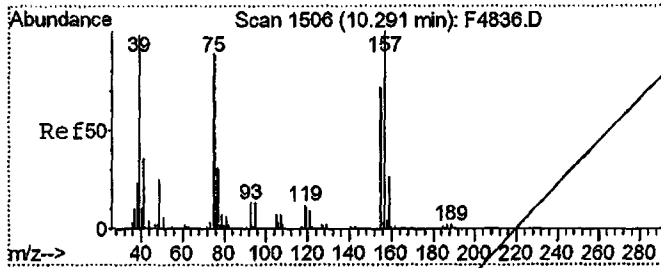
#14
 C035 Acetone
 Concen: 29.59 ng
 RT: 2.33 min Scan# 183
 Delta R.T. 0.01 min
 Lab File: F3064.D
 Acq: 3 Jul 2008 22:04

Tgt Ion	Resp	Lower	Upper
43	11011		
58	29.1	3.0	63.0



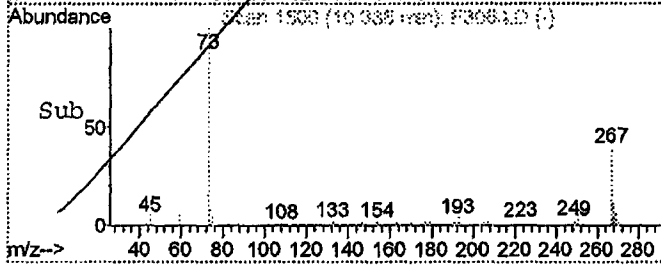
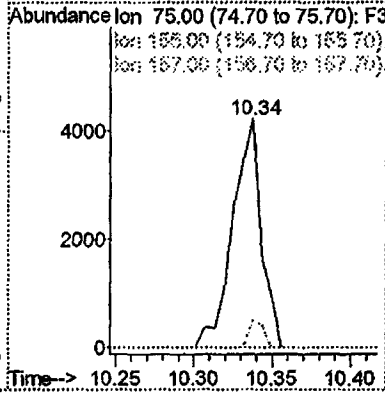
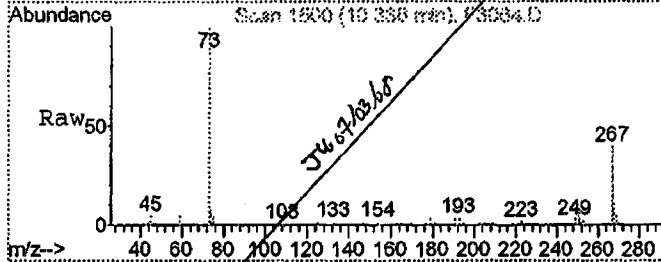
Abundance Ion 43.00 (42.70 to 43.70): F3
 Ion 58.00 (57.70 to 58.70): F3





#81
 C286 1,2-Dibromo-3-Chloropropane
 Concen: 22.12 ng
 RT: 10.34 min Scan# 1500
 Delta R.T. -0.22 min
 Lab File: F3064.D
 Acq: 3 Jul 2008 22:04

Tgt Ion	Resp	Lower	Upper
75	100		
155	12.1	62.7	122.7#
157	0.0	87.9	147.9#



Tentatively Identified Compound (LSC) summary

Operator ID: JLG Date Acquired: 3 Jul 2008 22:04
Data File: H:\GCMS_VOA\F\070308\F3064.D
Name: VBLK44
Misc:
Method: C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title: 8260 SOILS ENCON
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK 070108

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769111Sample wt/vol: 4.04 (g/mL) G Lab File ID: P9171.RRLevel: (low/med) MED Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

67-64-1-----	Acetone	620	U	
71-43-2-----	Benzene	120	U	
75-27-4-----	Bromodichloromethane	120	U	
75-25-2-----	Bromoform	120	U	
74-83-9-----	Bromomethane	120	U	
78-93-3-----	2-Butanone	620	U	
75-15-0-----	Carbon Disulfide	120	U	
56-23-5-----	Carbon Tetrachloride	120	U	
108-90-7-----	Chlorobenzene	120	U	
75-00-3-----	Chloroethane	120	U	
67-66-3-----	Chloroform	120	U	
74-87-3-----	Chloromethane	120	U	
110-82-7-----	Cyclohexane	120	U	
106-93-4-----	1,2-Dibromoethane	120	U	
124-48-1-----	Dibromochloromethane	120	U	
96-12-8-----	1,2-Dibromo-3-chloropropane	120	U	
95-50-1-----	1,2-Dichlorobenzene	120	U	
541-73-1-----	1,3-Dichlorobenzene	120	U	
106-46-7-----	1,4-Dichlorobenzene	120	U	
75-71-8-----	Dichlorodifluoromethane	120	U	
75-34-3-----	1,1-Dichloroethane	120	U	
107-06-2-----	1,2-Dichloroethane	120	U	
75-35-4-----	1,1-Dichloroethene	120	U	
156-59-2-----	cis-1,2-Dichloroethene	120	U	
156-60-5-----	trans-1,2-Dichloroethene	120	U	
78-87-5-----	1,2-Dichloropropane	120	U	
10061-01-5----	cis-1,3-Dichloropropene	120	U	
10061-02-6----	trans-1,3-Dichloropropene	120	U	
100-41-4-----	Ethylbenzene	120	U	
591-78-6-----	2-Hexanone	620	U	
98-82-8-----	Isopropylbenzene	120	U	
79-20-9-----	Methyl acetate	120	U	
108-87-2-----	Methylcyclohexane	120	U	
75-09-2-----	Methylene chloride	120	U	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

VBLK 070108

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769111Sample wt/vol: 4.04 (g/mL) G Lab File ID: P9171.RRLevel: (low/med) MED Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

108-10-1-----	4-Methyl-2-pentanone	620		U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	120		U
100-42-5-----	Styrene	120		U
79-34-5-----	1,1,2,2-Tetrachloroethane	120		U
127-18-4-----	Tetrachloroethene	120		U
108-88-3-----	Toluene	120		U
120-82-1-----	1,2,4-Trichlorobenzene	120		U
71-55-6-----	1,1,1-Trichloroethane	120		U
79-00-5-----	1,1,2-Trichloroethane	120		U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	120		U
75-69-4-----	Trichlorofluoromethane	120		U
79-01-6-----	Trichloroethene	120		U
75-01-4-----	Vinyl chloride	250		U
1330-20-7-----	Total Xylenes	370		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK 070108

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769111Sample wt/vol: 4.04 (g/mL) G Lab File ID: P9171.RRLevel: (low/med) MED Date Samp/Recv: _____% Moisture: not dec. _____ Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)
 Number TICs found: 0
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

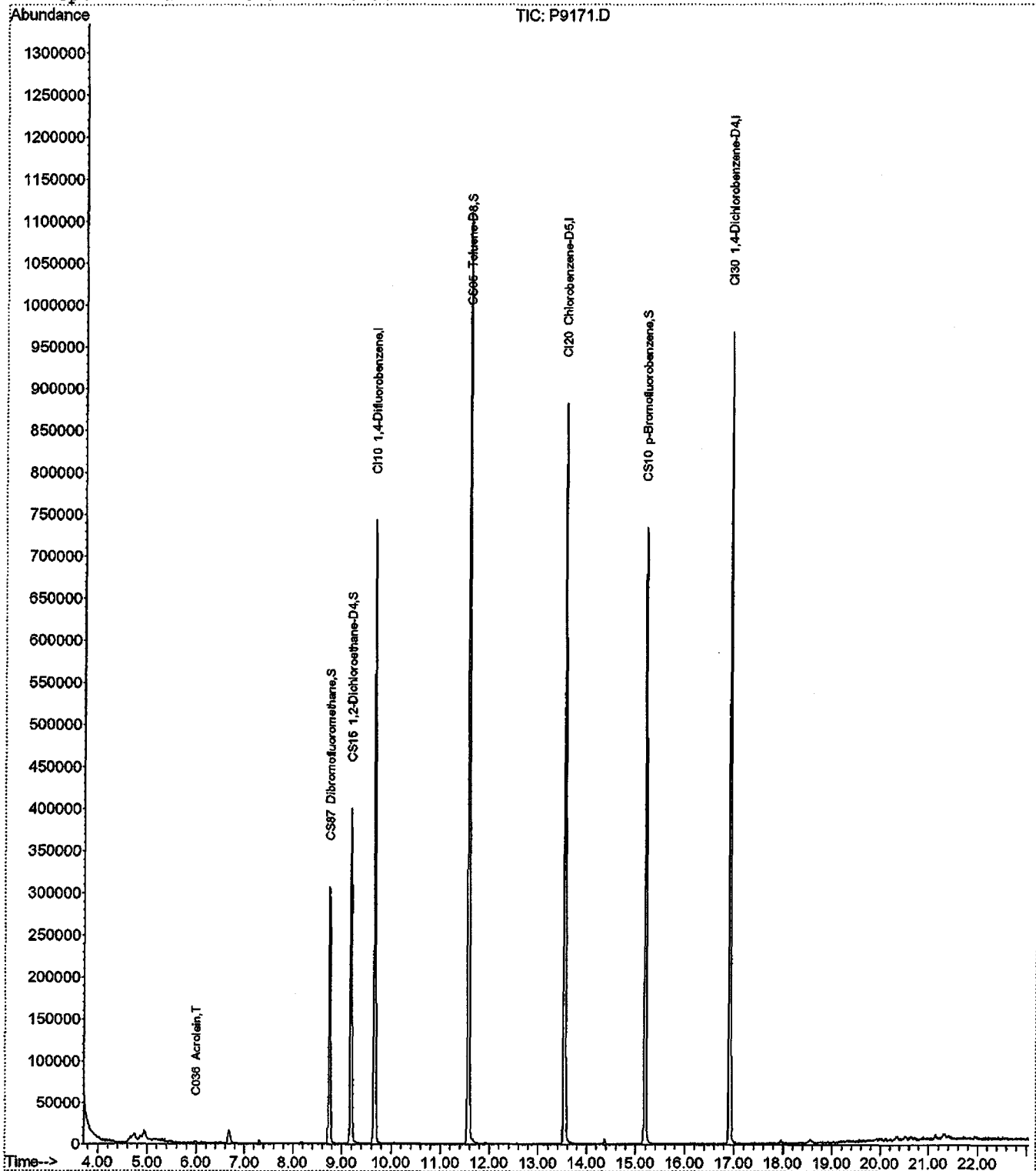
Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\070308\P9171.D
Acq On : 4 Jul 2008 00:50
Sample : ML VBLK 07/01/08
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 7 8:25 2008

Vial: 8
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A8I0000432.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Jul 07 08:25:11 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\070308\P9171.D
 Acq On : 4 Jul 2008 00:50
 Sample : ML VBLK 07/01/08
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:25:40 2008

Vial: 8
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Mon Jul 07 08:25:11 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\P\070308\P9166.D (3 Jul 2008 22:17)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dev(Max)
						Rcv(Ar)	
1) CI10 1,4-Difluorobenzene	9.66	114	675777	125.00	ng	0.00	98.50%
43) CI20 Chlorobenzene-D5	13.54	117	601944	125.00	ng	0.00	95.93%
62) CI30 1,4-Dichlorobenzene-	16.91	152	314811	125.00	ng	0.00	96.07%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.74	111	227371	120.95	ng	0.00	
Spiked Amount	125.000	Range	70 - 130	Recovery	=	96.76%	
31) CS15 1,2-Dichloroethane-D	9.18	65	330810	124.74	ng	0.00	
Spiked Amount	125.000	Range	66 - 137	Recovery	=	99.79%	
44) CS05 Toluene-D8	11.57	98	851687	126.81	ng	0.00	
Spiked Amount	125.000	Range	71 - 126	Recovery	=	101.45%	
61) CS10 p-Bromofluorobenzene	15.19	174	248119	117.11	ng	0.00	
Spiked Amount	125.000	Range	73 - 120	Recovery	=	93.69%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030 Methylene chloride	6.69	84	10069	Below Cal	#	84
10) C040 Carbon disulfide	6.47	76	113	N.D.		
11) C036 Acrolein	6.00	56	3213	66.93	ng	93
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	6.12	43	1202	N.D.		
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255 Methyl Acetate	6.50	43	403	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	7.34	43	128	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	8.55	83	245	N.D.		
27) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120 Carbon tetrachloride	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165 Benzene	9.29	78	1004	N.D.		

(#) = qualifier out of range (m) = manual integration
 P9171.D A8I0000432.M Mon Jul 07 08:25:43 2008 HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\P\070308\P9171.D
 Acq On : 4 Jul 2008 00:50
 Sample : ML VBLK 07/01/08
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:25:40 2008

Vial: 8
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

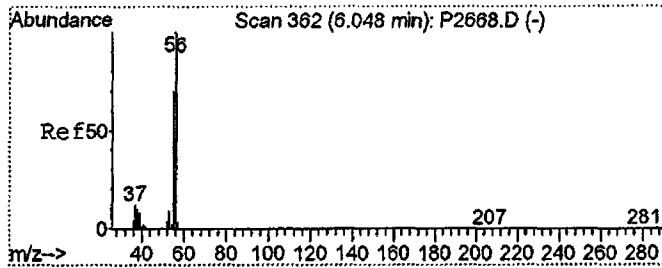
Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Mon Jul 07 08:25:11 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C065 1,2-Dichloroethane	0.00	62	0		N.D.	
34) C110 2-Butanone	8.19	43	3584		N.D.	
35) C256 Cyclohexane	0.00	56	0		N.D.	
36) C150 Trichloroethene	0.00	95	0		N.D.	
37) C140 1,2-Dichloropropane	0.00	63	0		N.D.	
38) C278 Dibromomethane	0.00	93	0		N.D.	
39) C130 Bromodichloromethane	0.00	83	0		N.D.	
40) C161 2-Chloroethylvinyl E	0.00	63	0		N.D.	
41) C012 Methylcyclohexane	0.00	83	0		N.D.	
42) C145 cis-1,3-Dichloroprop	0.00	75	0		N.D.	
45) C230 Toluene	11.66	92	2220		N.D.	
46) C170 trans-1,3-Dichloropr	0.00	75	0		N.D.	
47) C284 Ethyl Methacrylate	0.00	69	0		N.D.	
48) C160 1,1,2-Trichloroethan	0.00	83	0		N.D.	
49) C210 4-Methyl-2-pentanone	0.00	43	0		N.D.	
50) C220 Tetrachloroethene	0.00	166	0		N.D.	
51) C221 1,3-Dichloropropane	0.00	76	0		N.D.	
52) C155 Dibromochloromethane	0.00	129	0		N.D.	
53) C163 1,2-Dibromoethane	0.00	107	0		N.D.	
54) C215 2-Hexanone	12.57	43	133		N.D.	
55) C235 Chlorobenzene	13.59	112	1401		N.D.	
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0		N.D.	
57) C240 Ethylbenzene	13.69	91	417		N.D.	
58) C246 m,p-Xylene	0.00	106	0		N.D.	
59) C247 o-Xylene	0.00	106	0		N.D.	
60) C245 Styrene	14.44	104	155		N.D.	
63) C180 Bromoform	0.00	173	0		N.D.	
64) C966 Isopropylbenzene	0.00	105	0		N.D.	
65) C301 Bromobenzene	0.00	156	0		N.D.	
66) C225 1,1,2,2-Tetrachloroe	0.00	83	0		N.D.	
67) C282 1,2,3-Trichloropropa	0.00	110	0		N.D.	
68) C283 t-1,4-Dichloro-2-But	0.00	51	0		N.D.	
69) C302 n-Propylbenzene	15.53	91	434		N.D.	
70) C303 2-Chlorotoluene	0.00	126	0		N.D.	
71) C289 4-Chlorotoluene	0.00	126	0		N.D.	
72) C304 1,3,5-Trimethylbenze	15.77	105	141		N.D.	
73) C306 tert-Butylbenzene	0.00	134	0		N.D.	
74) C307 1,2,4-Trimethylbenze	16.34	105	257		N.D.	
75) C308 sec-Butylbenzene	16.59	105	822		N.D.	
76) C260 1,3-Dichlorobenzene	0.00	146	0		N.D.	
77) C309 4-Isopropyltoluene	16.79	119	252		N.D.	
78) C267 1,4-Dichlorobenzene	0.00	146	0		N.D.	
79) C249 1,2-Dichlorobenzene	0.00	146	0		N.D.	
80) C310 n-Butylbenzene	17.42	91	754		N.D.	
81) C286 1,2-Dibromo-3-Chloro	0.00	75	0		N.D.	
82) C313 1,2,4-Trichlorobenze	19.96	180	116		N.D.	
83) C316 Hexachlorobutadiene	0.00	225	0		N.D.	
84) C314 Naphthalene	20.36	128	1379		N.D.	
85) C934 1,2,3-Trichlorobenze	20.74	180	220		N.D.	

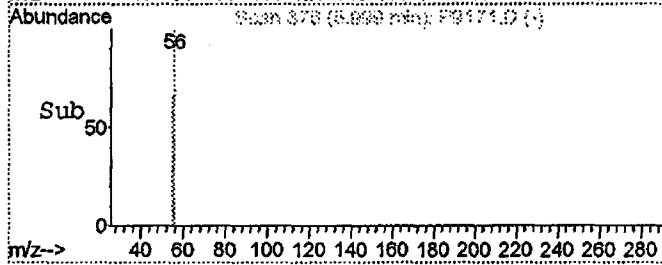
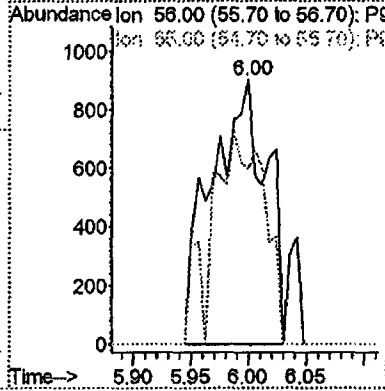
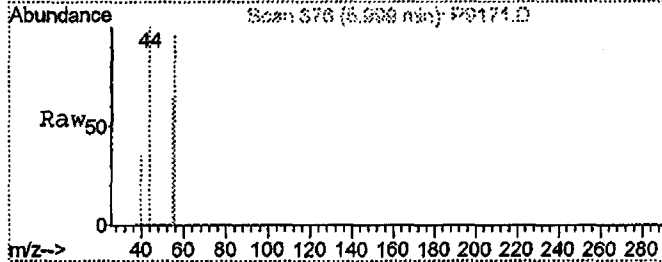
(#) = qualifier out of range (m) = manual integration

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#11
 C036 Acrolein
 Concen: 66.93 ng
 RT: 6.00 min Scan# 376
 Delta R.T. 0.08 min
 Lab File: P9171.D
 Acq: 4 Jul 2008 00:50

Tgt Ion: 56 Resp: 3213
 Ion Ratio Lower Upper
 56 100
 55 71.8 53.0 79.4



Operator ID: JLG Date Acquired: 4 Jul 2008 00:50
Data File: H:\GCMS_VOA\P\070308\P9171.D
Name: ML VBLK 07/01/08
Misc:
Method: C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title: 8260 5ML
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	|--Internal Standard--|			
					#	RT	Resp	Conc

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB39

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1804401Sample wt/vol: 5.00 (g/mL) G Lab File ID: F2985.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 06/27/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
67-64-1-----	Acetone		240	
71-43-2-----	Benzene		50	
75-27-4-----	Bromodichloromethane		51	
75-25-2-----	Bromofom		47	
74-83-9-----	Bromomethane		48	
78-93-3-----	2-Butanone		240	
75-15-0-----	Carbon Disulfide		51	
56-23-5-----	Carbon Tetrachloride		53	
108-90-7-----	Chlorobenzene		49	
75-00-3-----	Chloroethane		46	
67-66-3-----	Chloroform		49	
74-87-3-----	Chloromethane		48	
110-82-7-----	Cyclohexane		50	
106-93-4-----	1,2-Dibromoethane		47	
124-48-1-----	Dibromochloromethane		51	
96-12-8-----	1,2-Dibromo-3-chloropropane		51	
95-50-1-----	1,2-Dichlorobenzene		48	
541-73-1-----	1,3-Dichlorobenzene		49	
106-46-7-----	1,4-Dichlorobenzene		49	
75-71-8-----	Dichlorodifluoromethane		52	
75-34-3-----	1,1-Dichloroethane		50	
107-06-2-----	1,2-Dichloroethane		47	
75-35-4-----	1,1-Dichloroethene		49	
156-59-2-----	cis-1,2-Dichloroethene		49	
156-60-5-----	trans-1,2-Dichloroethene		51	
78-87-5-----	1,2-Dichloropropane		49	
10061-01-5----	cis-1,3-Dichloropropene		49	
10061-02-6----	trans-1,3-Dichloropropene		50	
100-41-4-----	Ethylbenzene		50	
591-78-6-----	2-Hexanone		240	
98-82-8-----	Isopropylbenzene		51	
79-20-9-----	Methyl acetate		52	
108-87-2-----	Methylcyclohexane		52	
75-09-2-----	Methylene chloride		52	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB39

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1804401Sample wt/vol: 5.00 (g/mL) G Lab File ID: F2985.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 06/27/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-10-1-----	4-Methyl-2-pentanone		240	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		48	
100-42-5-----	Styrene		50	
79-34-5-----	1,1,2,2-Tetrachloroethane		49	
127-18-4-----	Tetrachloroethene		50	
108-88-3-----	Toluene		49	
120-82-1-----	1,2,4-Trichlorobenzene		49	
71-55-6-----	1,1,1-Trichloroethane		51	
79-00-5-----	1,1,2-Trichloroethane		49	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		52	
75-69-4-----	Trichlorofluoromethane		56	
79-01-6-----	Trichloroethene		51	
75-01-4-----	Vinyl chloride		50	
1330-20-7-----	Total Xylenes		150	

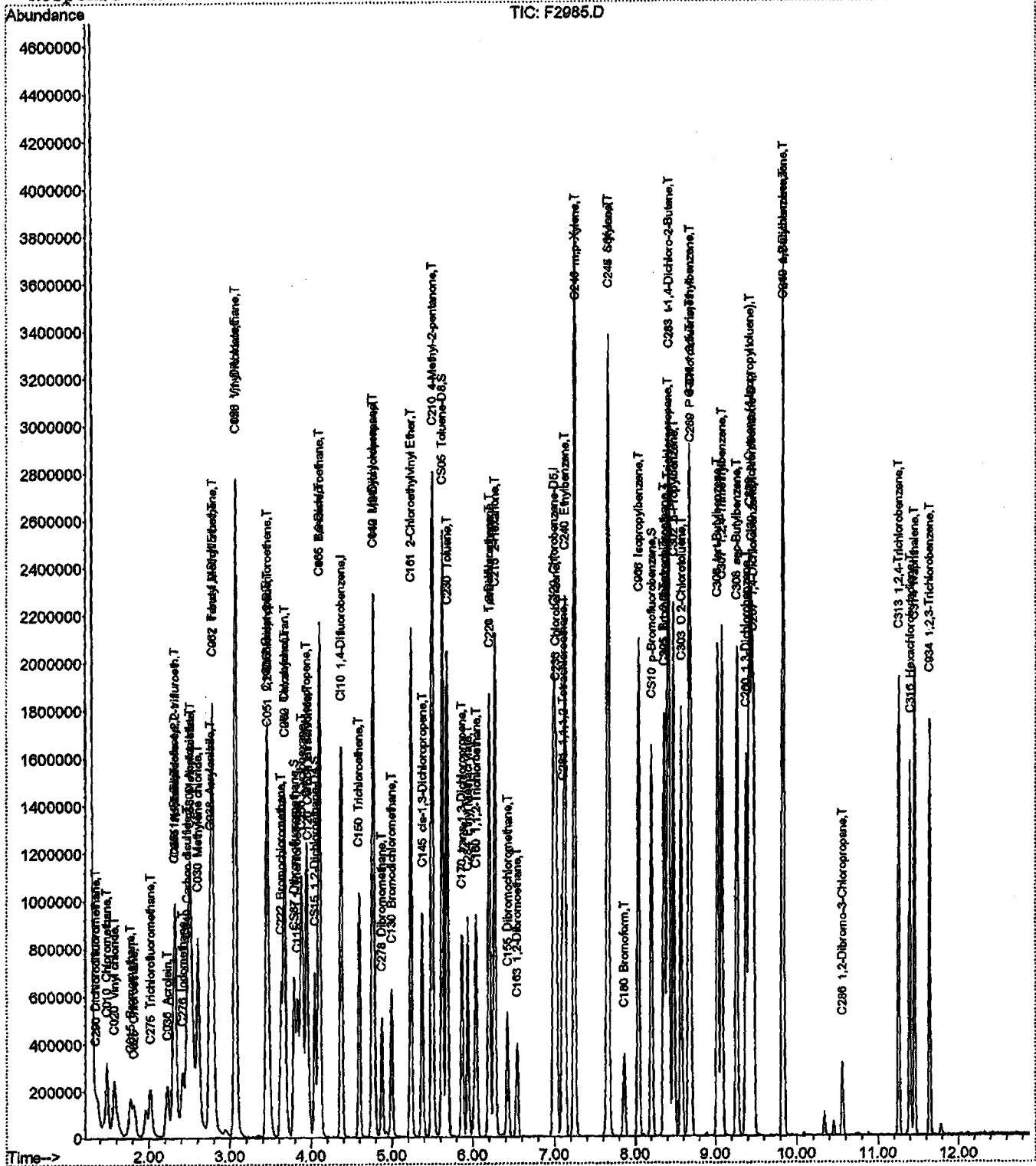
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\062708\F2985.D
Acq On : 27 Jun 2008 21:37
Sample : MSB FULL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jun 27 21:55 2008

Vial: 24
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Fri Jun 27 21:10:07 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\062708\F2985.D
 Acq On : 27 Jun 2008 21:37
 Sample : MSB FULL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 27 21:55:28 2008

Vial: 24
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Fri Jun 27 21:10:07 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\062708\F2983.D (27 Jun 2008 20:24)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1374565	250.00	ng	0.00	105.15%
43) CI20 Chlorobenzene-D5	6.99	82	664854	250.00	ng	0.00	105.10%
63) CI30 1,4-Dichlorobenzene-	9.44	152	583880	250.00	ng	0.00	101.58%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	424841	260.39	ng	0.00	
Spiked Amount	250.000	Range	70 - 130	Recovery	=	104.16%	
32) CS15 1,2-Dichloroethane-D	4.05	65	475480	245.20	ng	0.00	
Spiked Amount	250.000	Range	64 - 126	Recovery	=	98.08%	
44) CS05 Toluene-D8	5.62	98	1768252	263.11	ng	0.00	
Spiked Amount	250.000	Range	71 - 125	Recovery	=	105.24%	
62) CS10 p-Bromofluorobenzene	8.20	174	497336	251.16	ng	0.00	
Spiked Amount	250.000	Range	72 - 126	Recovery	=	100.46%	

Target Compounds

						Qvalue
2) C290 Dichlorodifluorometh	1.35	85	255217	261.84	ng	99
3) C010 Chloromethane	1.49	50	440281	242.60	ng	94
4) C020 Vinyl chloride	1.57	62	364404	252.21	ng	94
5) C015 Bromomethane	1.77	94	161840	242.52	ng	91
6) C025 Chloroethane	1.82	64	149845	230.67	ng	100
7) C275 Trichlorofluorometha	2.02	101	380993m	278.81	ng	94
8) C291 1,1,2-Trichloro-1,2,	2.32	101	255192	259.01	ng	92
9) C045 1,1-Dichloroethene	2.31	96	235543	247.09	ng	# 78
10) C030 Methylene chloride	2.61	84	449456	262.57	ng	88
11) C040 Carbon disulfide	2.47	76	1036916	255.21	ng	96
12) C036 Acrolein	2.22	56	292166	4092.96	ng	98
13) C038 Acrylonitrile	2.75	53	809113	1219.48	ng	99
14) C035 Acetone	2.32	43	488724	1179.56	ng	96
15) C300 Acetonitrile	2.50	41	2096366	9330.14	ng	100
16) C276 Iodomethane	2.42	142	478227	250.61	ng	99
17) C255 Methyl Acetate	2.52	43	546881	260.44	ng	94
18) C962 T-butyl Methyl Ether	2.78	73	1038175	237.76	ng	87
19) C057 trans-1,2-Dichloroet	2.78	96	389335	256.65	ng	87
20) C050 1,1-Dichloroethane	3.06	63	676757	252.56	ng	97
21) C125 Vinyl Acetate	3.06	43	3730738	1262.74	ng	96
22) C051 2,2-Dichloropropane	3.47	77	477077	263.29	ng	86
23) C056 cis-1,2-Dichloroethe	3.46	96	406796	245.53	ng	97
24) C272 Tetrahydrofuran	3.66	42	679209	1211.43	ng	100
25) C222 Bromochloromethane	3.63	128	181288	242.55	ng	# 85
26) C060 Chloroform	3.68	83	579451	247.45	ng	100
28) C256 Cyclohexane	3.88	56	742918	252.03	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	475492	256.51	ng	95
30) C120 Carbon tetrachloride	3.96	117	369029	267.29	ng	94
31) C116 1,1-Dichloropropene	3.94	75	474010	257.99	ng	90

(#) = qualifier out of range (m) = manual integration
 F2985.D A8I00000477.M Fri Jun 27 21:55:53 2008

HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\F\062708\F2985.D
 Acq On : 27 Jun 2008 21:37
 Sample : MSB FULL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 27 21:55:28 2008

Vial: 24
 Operator: JLG
 Inst : HP5973P
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Fri Jun 27 21:10:07 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	1502036	<u>252.43</u>	ng	97
34) C065 1,2-Dichloroethane	4.10	62	440106	233.63	ng	85
35) C110 2-Butanone	3.44	43	999496	1226.38	ng	93
36) C150 Trichloroethene	4.59	95	360386	<u>254.39</u>	ng	96
37) C161 2-Chloroethylvinyl E	5.23	63	936020	1293.21	ng	# 77
38) C012 Methylcyclohexane	4.76	83	677302	257.51	ng	82
39) C140 1,2-Dichloropropane	4.78	63	403790	246.66	ng	100
40) C278 Dibromomethane	4.87	93	205783	243.33	ng	89
41) C130 Bromodichloromethane	5.00	83	414845	254.87	ng	98
42) C145 cis-1,3-Dichloroprop	5.38	75	561523	246.98	ng	97
45) C230 Toluene	5.68	92	909965	<u>245.62</u>	ng	93
46) C170 trans-1,3-Dichloropr	5.87	75	489327	249.24	ng	98
47) C284 Ethyl Methacrylate	5.94	69	495280	244.36	ng	88
48) C160 1,1,2-Trichloroethan	6.04	83	258005	243.03	ng	97
49) C210 4-Methyl-2-pentanone	5.50	43	2006961	1219.32	ng	93
50) C220 Tetrachloroethene	6.19	166	346741	250.78	ng	92
51) C221 1,3-Dichloropropane	6.21	76	538011	241.55	ng	92
52) C155 Dibromochloromethane	6.43	129	286832	254.16	ng	82
53) C163 1,2-Dibromoethane	6.54	107	290288	236.54	ng	92
54) C215 2-Hexanone	6.27	43	1435270	1218.76	ng	89
55) C235 Chlorobenzene	7.02	112	934617	<u>244.26</u>	ng	97
56) C281 1,1,1,2-Tetrachloroe	7.10	131	294825	249.61	ng	94
57) C240 Ethylbenzene	7.13	91	1652661	251.19	ng	99
58) C246 m,p-Xylene	7.25	106	1236739	499.31	ng	96
59) C247 o-Xylene	7.65	106	611388	246.62	ng	# 80
60) C245 Styrene	7.67	104	997402	247.84	ng	99
61) C180 Bromoform	7.86	173	178317	236.93	ng	85
64) C966 Isopropylbenzene	8.04	105	1492982	256.24	ng	91
65) C301 Bromobenzene	8.37	156	365949	247.59	ng	99
66) C225 1,1,2,2-Tetrachloroe	8.35	83	404512	246.57	ng	95
67) C282 1,2,3-Trichloropropa	8.40	110	107544	234.71	ng	100
68) C283 t-1,4-Dichloro-2-But	8.41	53	623471	1287.55	ng	77
69) C302 n-Propylbenzene	8.48	91	1963104	260.50	ng	95
70) C303 O 2-Chlorotoluene	8.57	126	382050	254.21	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	385099	251.17	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	1255501	255.01	ng	85
73) C306 tert-Butylbenzene	9.02	134	282927	257.80	ng	93
74) C307 1,2,4-Trimethylbenze	9.08	105	1269687	249.08	ng	94
75) C308 sec-Butylbenzene	9.27	105	1573489	256.62	ng	93
76) C260 1,3-Dichlorobenzene	9.38	146	704338	244.98	ng	98
77) C309 p-Cymene (4-Isopropy	9.42	119	1388398	255.66	ng	95
78) C267 1,4-Dichlorobenzene	9.47	146	712709	243.80	ng	97
79) C249 1,2-Dichlorobenzene	9.84	146	665772	240.08	ng	99
80) C310 n-Butylbenzene	9.83	91	1409063	264.36	ng	98
81) C286 1,2-Dibromo-3-Chloro	10.56	75	68328	253.43	ng	97
82) C313 1,2,4-Trichlorobenze	11.26	180	526627	246.34	ng	99
83) C316 Hexachlorobutadiene	11.40	225	254959	244.22	ng	99
84) C314 Naphthalene	11.45	128	1262464	234.75	ng	96
85) C934 1,2,3-Trichlorobenze	11.65	180	480969	237.36	ng	99

(#) = qualifier out of range (m) = manual integration
 F2985.D A8I00000477.M Fri Jun 27 21:55:54 2008

HP5973P

Page 2

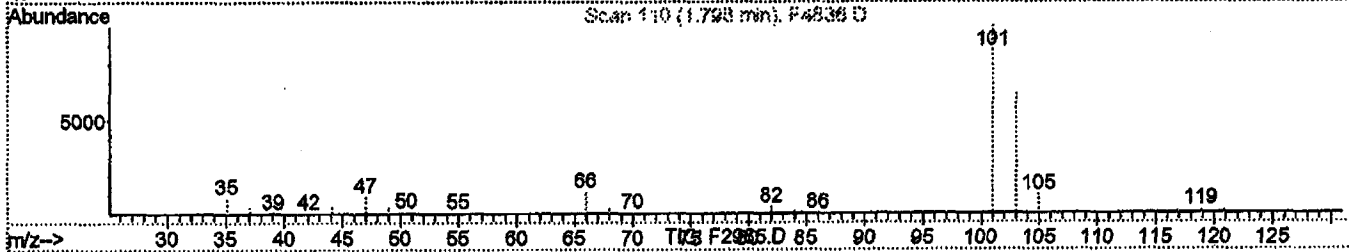
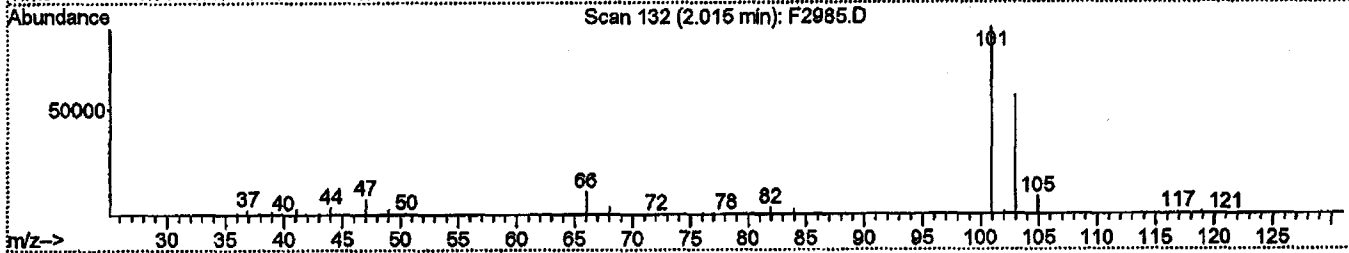
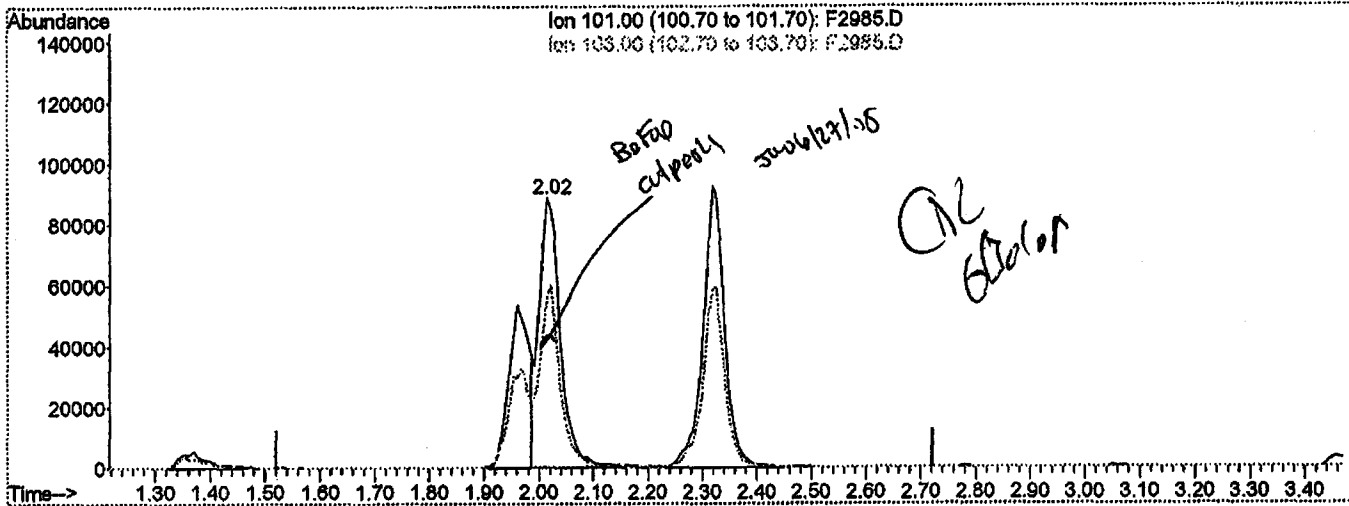
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062708\F2985.D
 Acq On : 27 Jun 2008 21:37
 Sample : MSB FULL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 27 21:55 2008

Vial: 24
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Fri Jun 27 21:10:07 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 176.99ng

response 241864

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	63.55
0.00	0.00	0.00
0.00	0.00	0.00

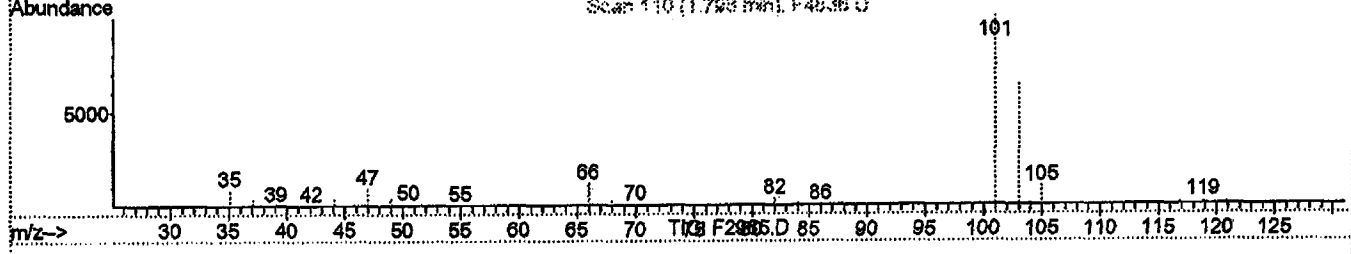
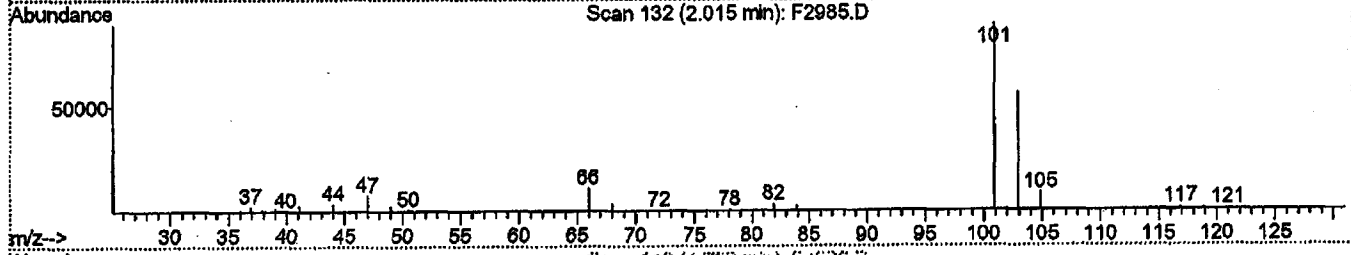
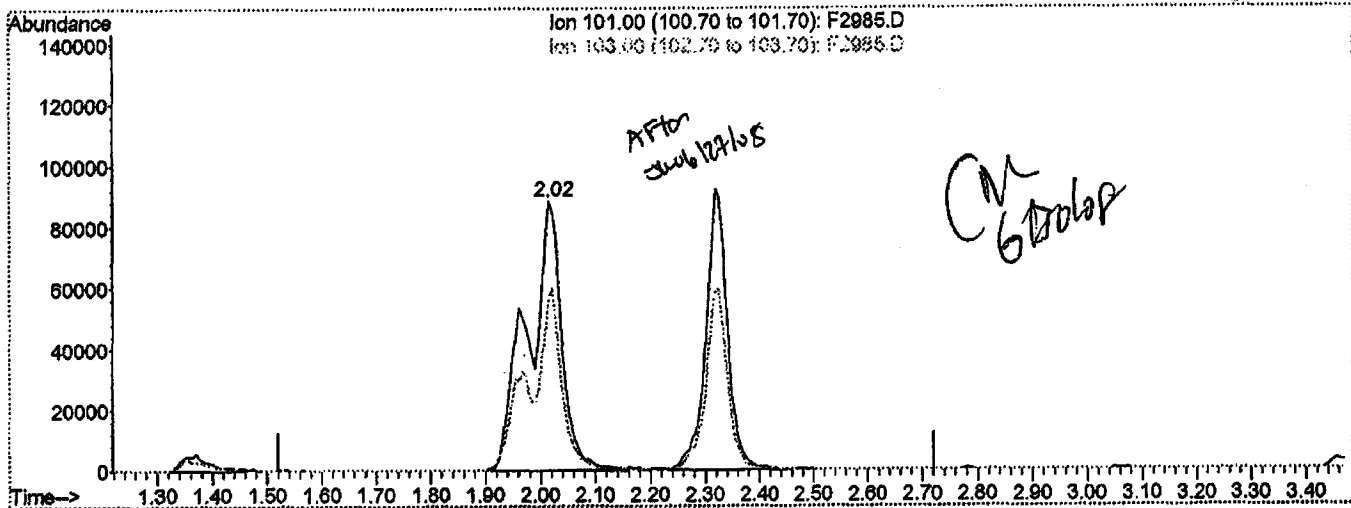
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\062708\F2985.D
 Acq On : 27 Jun 2008 21:37
 Sample : MSB FULL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jun 27 21:55 2008

Vial: 24
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Fri Jun 27 21:10:07 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 278.81ng m

response 380993

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	63.55
0.00	0.00	0.00
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB42

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1811001Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3031.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1	Acetone	200	
71-43-2	Benzene	57	
75-27-4	Bromodichloromethane	56	
75-25-2	Bromoform	46	
74-83-9	Bromomethane	42	
78-93-3	2-Butanone	190	
75-15-0	Carbon Disulfide	65	
56-23-5	Carbon Tetrachloride	60	
108-90-7	Chlorobenzene	56	
75-00-3	Chloroethane	44	
67-66-3	Chloroform	57	
74-87-3	Chloromethane	58	
110-82-7	Cyclohexane	55	
106-93-4	1,2-Dibromoethane	48	
124-48-1	Dibromochloromethane	54	
96-12-8	1,2-Dibromo-3-chloropropane	40	
95-50-1	1,2-Dichlorobenzene	52	
541-73-1	1,3-Dichlorobenzene	56	
106-46-7	1,4-Dichlorobenzene	55	
75-71-8	Dichlorodifluoromethane	73	
75-34-3	1,1-Dichloroethane	57	
107-06-2	1,2-Dichloroethane	49	
75-35-4	1,1-Dichloroethene	72	
156-59-2	cis-1,2-Dichloroethene	56	
156-60-5	trans-1,2-Dichloroethene	60	
78-87-5	1,2-Dichloropropane	53	
10061-01-5	cis-1,3-Dichloropropene	54	
10061-02-6	trans-1,3-Dichloropropene	53	
100-41-4	Ethylbenzene	59	
591-78-6	2-Hexanone	190	
98-82-8	Isopropylbenzene	56	
79-20-9	Methyl acetate	30	
108-87-2	Methylcyclohexane	54	
75-09-2	Methylene chloride	56	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB42

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1811001Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3031.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

108-10-1-----	4-Methyl-2-pentanone		200	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		48	
100-42-5-----	Styrene		57	
79-34-5-----	1,1,2,2-Tetrachloroethane		49	
127-18-4-----	Tetrachloroethene		58	
108-88-3-----	Toluene		58	
120-82-1-----	1,2,4-Trichlorobenzene		50	
71-55-6-----	1,1,1-Trichloroethane		60	
79-00-5-----	1,1,2-Trichloroethane		50	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		67	
75-69-4-----	Trichlorofluoromethane		56	
79-01-6-----	Trichloroethene		59	
75-01-4-----	Vinyl chloride		60	
1330-20-7-----	Total Xylenes		170	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB42

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8B1811003Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3031.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	200	
71-43-2-----	Benzene	57	
75-27-4-----	Bromodichloromethane	56	
75-25-2-----	Bromoform	46	
74-83-9-----	Bromomethane	42	
78-93-3-----	2-Butanone	190	
75-15-0-----	Carbon Disulfide	65	
56-23-5-----	Carbon Tetrachloride	60	
108-90-7-----	Chlorobenzene	56	
75-00-3-----	Chloroethane	44	
67-66-3-----	Chloroform	57	
74-87-3-----	Chloromethane	58	
110-82-7-----	Cyclohexane	55	
106-93-4-----	1,2-Dibromoethane	48	
124-48-1-----	Dibromochloromethane	54	
96-12-8-----	1,2-Dibromo-3-chloropropane	40	
95-50-1-----	1,2-Dichlorobenzene	52	
541-73-1-----	1,3-Dichlorobenzene	56	
106-46-7-----	1,4-Dichlorobenzene	55	
75-71-8-----	Dichlorodifluoromethane	73	
75-34-3-----	1,1-Dichloroethane	57	
107-06-2-----	1,2-Dichloroethane	49	
75-35-4-----	1,1-Dichloroethene	72	
156-59-2-----	cis-1,2-Dichloroethene	56	
156-60-5-----	trans-1,2-Dichloroethene	60	
78-87-5-----	1,2-Dichloropropane	53	
10061-01-5----	cis-1,3-Dichloropropene	54	
10061-02-6----	trans-1,3-Dichloropropene	53	
100-41-4-----	Ethylbenzene	59	
591-78-6-----	2-Hexanone	190	
98-82-8-----	Isopropylbenzene	56	
79-20-9-----	Methyl acetate	30	
108-87-2-----	Methylcyclohexane	54	
75-09-2-----	Methylene chloride	56	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB42

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8B1811003Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3031.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/01/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-10-1-----4-Methyl-2-pentanone	200	
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	48	
100-42-5-----Styrene	57	
79-34-5-----1,1,2,2-Tetrachloroethane	49	
127-18-4-----Tetrachloroethene	58	
108-88-3-----Toluene	58	
120-82-1-----1,2,4-Trichlorobenzene	50	
71-55-6-----1,1,1-Trichloroethane	60	
79-00-5-----1,1,2-Trichloroethane	50	
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	67	
75-69-4-----Trichlorofluoromethane	56	
79-01-6-----Trichloroethene	59	
75-01-4-----Vinyl chloride	60	
1330-20-7-----Total Xylenes	170	

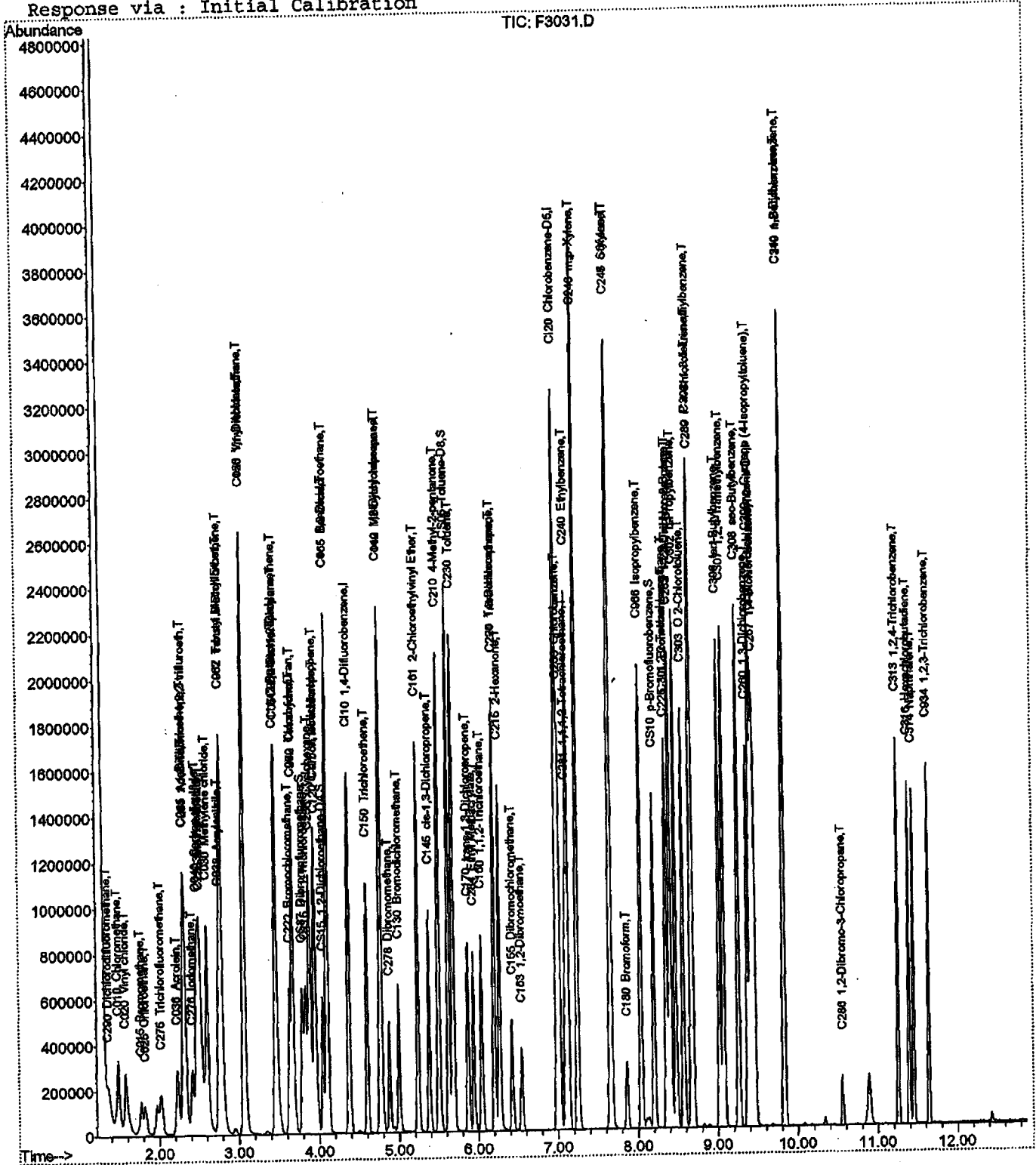
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\070108\F3031.D
Acq On : 1 Jul 2008 9:27
Sample : MSB(FULL)
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 1 9:55 2008

Vial: 4
Operator: LH
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Tue Jul 01 09:52:08 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\070108\F3031.D
 Acq On : 1 Jul 2008 9:27
 Sample : MSB(FULL)
 Misc :

Vial: 4
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jul 01 09:54:03 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)

Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 09:52:08 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

IS QA File : H:\GCMS_VOA\F\070108\F3029.D (1 Jul 2008 8:32)

S&E
 7/1/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1275642	250.00	ng	0.00 98.04%
43) CI20 Chlorobenzene-D5	6.99	82	595703	250.00	ng	0.00 94.89%
63) CI30 1,4-Dichlorobenzene-	9.44	152	513835	250.00	ng	0.00 92.62%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	390398	257.83	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	103.13%
32) CS15 1,2-Dichloroethane-D	4.05	65	406789	226.04	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	90.42%
44) CS05 Toluene-D8	5.62	98	1660373	275.73	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	110.29%
62) CS10 p-Bromofluorobenzene	8.20	174	436754	246.17	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	98.47%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	1.36	85	330256	365.11	ng	99
3) C010 Chloromethane	1.49	50	493192	292.83	ng	99
4) C020 Vinyl chloride	1.58	62	399890	298.24	ng	97
5) C015 Bromomethane	1.77	94	131314	212.04	ng	85
6) C025 Chloroethane	1.82	64	133033	220.67	ng	100
7) C275 Trichlorofluorometha	2.02	101	356522m	281.13	ng	91
8) C291 1,1,2-Trichloro-1,2,	2.32	101	307102	335.86	ng	94
9) C045 1,1-Dichloroethene	2.31	96	319359	361.00	ng	93
10) C030 Methylene chloride	2.61	84	442412	280.35	ng	88
11) C040 Carbon disulfide	2.47	76	1225250	324.95	ng	95
12) C036 Acrolein	2.23	56	361847	5462.22	ng	98
13) C038 Acrylonitrile	2.75	53	608430	988.13	ng	99
14) C035 Acetone	2.32	43	393126	1022.41	ng	94
15) C300 Acetonitrile	2.50	41	1734426	8317.90	ng	100
16) C276 Iodomethane	2.42	142	437738	247.18	ng	98
17) C255 Methyl Acetate	2.52	43	296660	152.23	ng	94
18) C962 T-butyl Methyl Ether	2.78	73	976070	240.87	ng	87
19) C057 trans-1,2-Dichloroet	2.79	96	420071	298.38	ng	88
20) C050 1,1-Dichloroethane	3.06	63	711528	286.12	ng	98
21) C125 Vinyl Acetate	3.07	43	3292094	1200.68	ng	96
22) C051 2,2-Dichloropropane	3.47	77	504485	300.01	ng	89
23) C056 cis-1,2-Dichloroethe	3.46	96	433381	281.86	ng	98
24) C272 Tetrahydrofuran	3.67	42	501977	964.75	ng	97
25) C222 Bromochloromethane	3.63	128	179689	259.05	ng	# 84
26) C060 Chloroform	3.68	83	616476	283.68	ng	99
28) C256 Cyclohexane	3.89	56	747269	273.17	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	515206	299.49	ng	93
30) C120 Carbon tetrachloride	3.96	117	386649	301.76	ng	91
31) C116 1,1-Dichloropropene	3.94	75	505824	296.65	ng	90

(#) = qualifier out of range (m) = manual integration
 F3031.D A8I00000477.M Tue Jul 01 09:55:58 2008

HP5973P

mt
 8/15/2008

Quantitation Report

Data File : H:\GCMS_VOA\F\070108\F3031.D
 Acq On : 1 Jul 2008 9:27
 Sample : MSB(FULL)
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 01 09:54:03 2008

Vial: 4
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 09:52:08 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	1567948	283.95	ng	96
34) C065 1,2-Dichloroethane	4.11	62	430930	246.50	ng	86
35) C110 2-Butanone	3.44	43	711202	940.32	ng	91
36) C150 Trichloroethene	4.59	95	385478	293.20	ng	95
37) C161 2-Chloroethylvinyl E	5.23	63	750758	1117.69	ng	# 76
38) C012 Methylcyclohexane	4.76	83	661970	271.20	ng	81
39) C140 1,2-Dichloropropane	4.78	63	405188	266.71	ng	100
40) C278 Dibromomethane	4.88	93	192321	245.05	ng	96
41) C130 Bromodichloromethane	5.00	83	420250	278.21	ng	98
42) C145 cis-1,3-Dichloroprop	5.38	75	568297	269.34	ng	97
45) C230 Toluene	5.68	92	959730	289.12	ng	92
46) C170 trans-1,3-Dichloropr	5.87	75	466256	265.06	ng	98
47) C284 Ethyl Methacrylate	5.94	69	420504	231.55	ng	87
48) C160 1,1,2-Trichloroethan	6.04	83	240522	252.86	ng	95
49) C210 4-Methyl-2-pentanone	5.50	43	1483902	1006.19	ng	94
50) C220 Tetrachloroethene	6.19	166	362532	292.63	ng	89
51) C221 1,3-Dichloropropane	6.20	76	498904	249.99	ng	96
52) C155 Dibromochloromethane	6.43	129	273495	270.47	ng	78
53) C163 1,2-Dibromoethane	6.54	107	265429	241.40	ng	88
54) C215 2-Hexanone	6.27	43	1016622	963.48	ng	88
55) C235 Chlorobenzene	7.02	112	955782	278.79	ng	98
56) C281 1,1,1,2-Tetrachloroe	7.10	131	303630	286.91	ng	96
57) C240 Ethylbenzene	7.13	91	1728560	293.22	ng	98
58) C246 m,p-Xylene	7.25	106	1281606	577.48	ng	97
59) C247 o-Xylene	7.65	106	632002	284.53	ng	# 82
60) C245 Styrene	7.67	104	1026806	284.76	ng	97
61) C180 Bromoform	7.86	173	154766	230.18	ng	80
64) C966 Isopropylbenzene	8.04	105	1427775	278.45	ng	93
65) C301 Bromobenzene	8.36	156	365291	280.83	ng	92
66) C225 1,1,2,2-Tetrachloroe	8.35	83	356779	247.12	ng	91
67) C282 1,2,3-Trichloropropa	8.40	110	83705	207.58	ng	100
68) C283 t-1,4-Dichloro-2-But	8.42	53	423348	993.45	ng	# 71
69) C302 n-Propylbenzene	8.48	91	1993423	300.58	ng	96
70) C303 O 2-Chlorotoluene	8.57	126	396163	299.53	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	395100	292.82	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	1293234	298.48	ng	84
73) C306 tert-Butylbenzene	9.02	134	290429	300.71	ng	89
74) C307 1,2,4-Trimethylbenze	9.08	105	1299480	289.68	ng	92
75) C308 sec-Butylbenzene	9.26	105	1714283	317.69	ng	92
76) C260 1,3-Dichlorobenzene	9.38	146	708187	279.89	ng	96
77) C309 p-Cymene (4-Isopropy	9.41	119	1371840	287.05	ng	96
78) C267 1,4-Dichlorobenzene	9.47	146	705493	274.23	ng	96
79) C249 1,2-Dichlorobenzene	9.84	146	640026	262.26	ng	99
80) C310 n-Butylbenzene	9.83	91	1391076	296.56	ng	100
81) C286 1,2-Dibromo-3-Chloro	10.56	75	47363	199.62	ng	97
82) C313 1,2,4-Trichlorobenze	11.26	180	466762	248.10	ng	98
83) C316 Hexachlorobutadiene	11.40	225	248274	270.24	ng	98
84) C314 Naphthalene	11.45	128	982745	207.64	ng	96
85) C934 1,2,3-Trichlorobenze	11.64	180	419066	235.00	ng	97

(#) = qualifier out of range (m) = manual integration
 F3031.D A8I00000477.M Tue Jul 01 09:55:59 2008

HP5973P

Page 2

MTG/STP

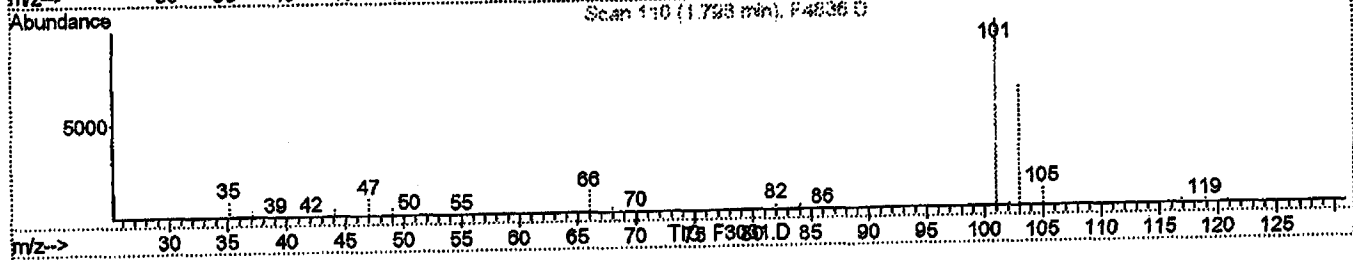
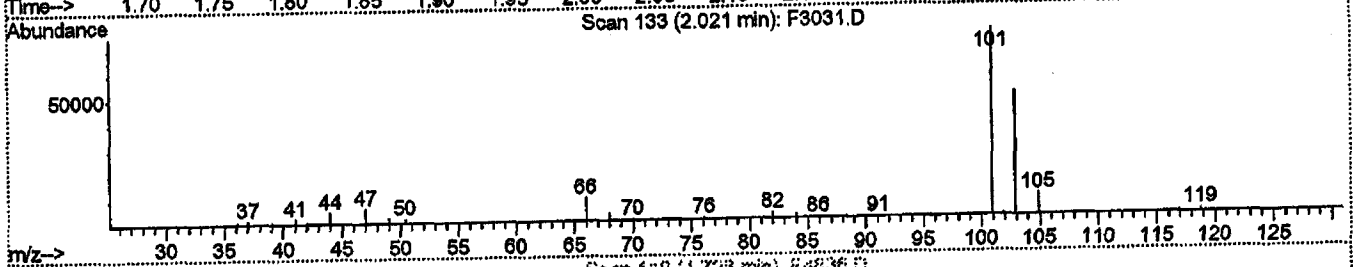
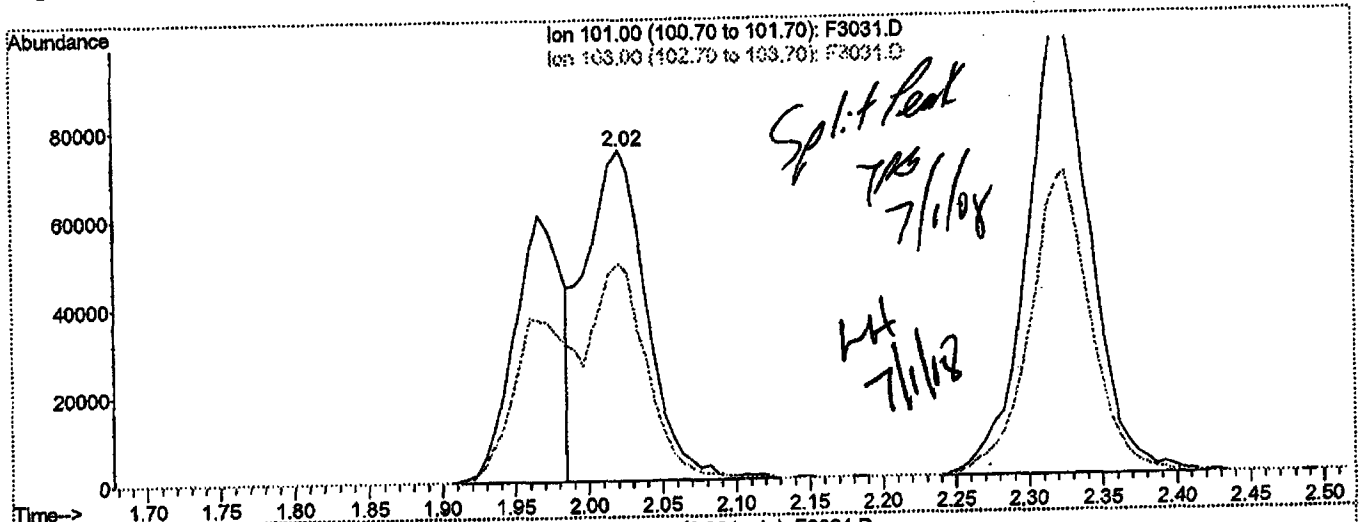
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\070108\F3031.D
 Acq On : 1 Jul 2008 9:27
 Sample : MSB(FULL)
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 1 9:53 2008

Vial: 4
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 09:52:08 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 172.24ng

response 218426

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	65.97
0.00	0.00	0.00
0.00	0.00	0.00

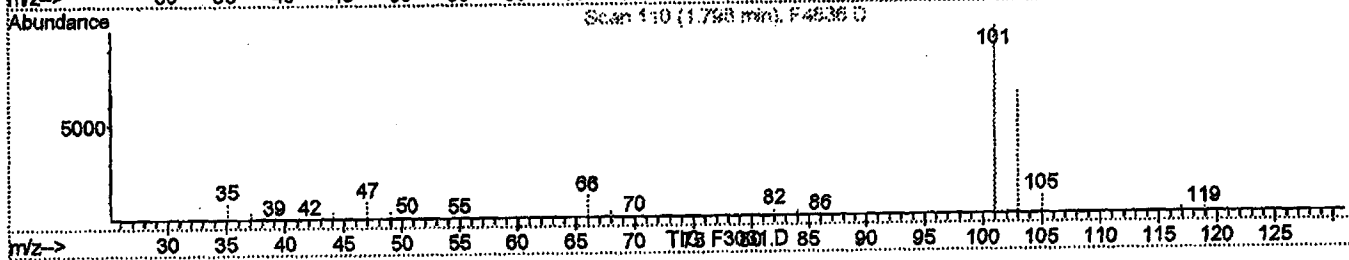
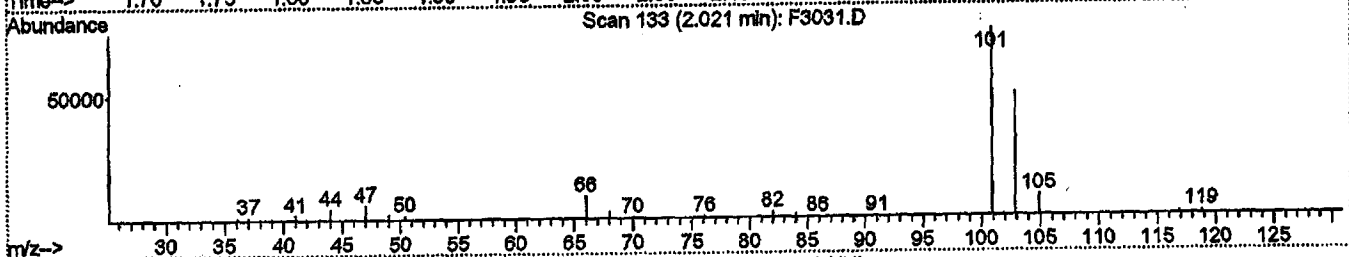
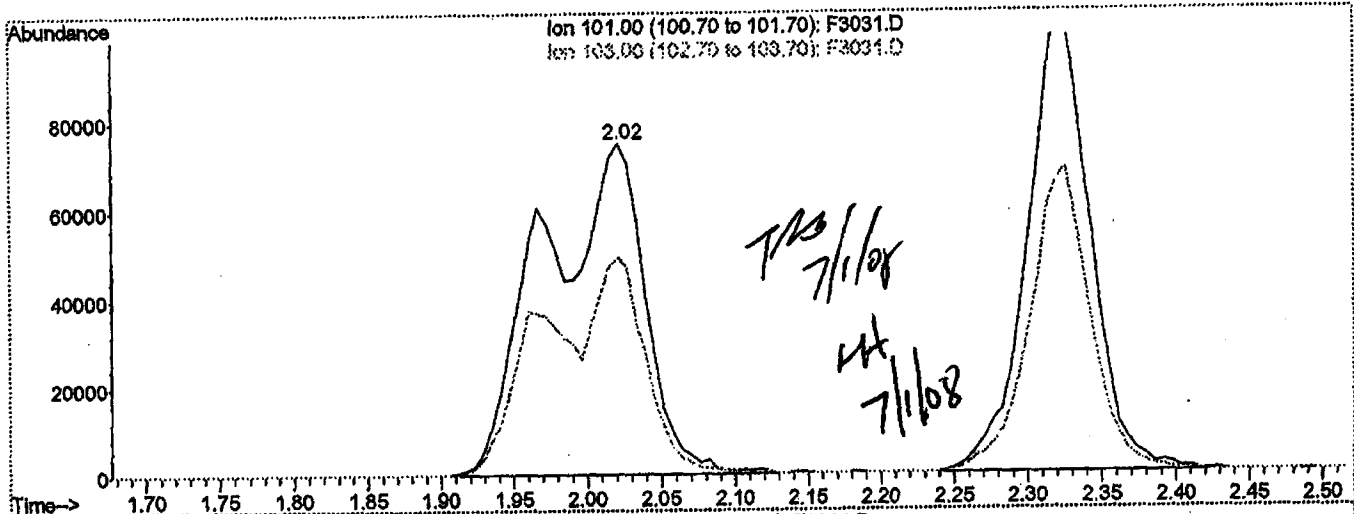
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\070108\F3031.D
 Acq On : 1 Jul 2008 9:27
 Sample : MSB(FULL)
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 1 9:55 2008

Vial: 4
 Operator: LH
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Tue Jul 01 09:52:08 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 281.13ng m

response 358522

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	65.97
0.00	0.00	0.00
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB44

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833001Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3063.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 07/03/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
67-64-1-----	Acetone		280	B
71-43-2-----	Benzene		55	
75-27-4-----	Bromodichloromethane		55	
75-25-2-----	Bromoform		51	
74-83-9-----	Bromomethane		35	
78-93-3-----	2-Butanone		260	
75-15-0-----	Carbon Disulfide		60	
56-23-5-----	Carbon Tetrachloride		58	
108-90-7-----	Chlorobenzene		54	
75-00-3-----	Chloroethane		37	
67-66-3-----	Chloroform		55	
74-87-3-----	Chloromethane		53	
110-82-7-----	Cyclohexane		56	
106-93-4-----	1,2-Dibromoethane		52	
124-48-1-----	Dibromochloromethane		55	
96-12-8-----	1,2-Dibromo-3-chloropropane		54	
95-50-1-----	1,2-Dichlorobenzene		52	
541-73-1-----	1,3-Dichlorobenzene		53	
106-46-7-----	1,4-Dichlorobenzene		52	
75-71-8-----	Dichlorodifluoromethane		57	
75-34-3-----	1,1-Dichloroethane		56	
107-06-2-----	1,2-Dichloroethane		51	
75-35-4-----	1,1-Dichloroethene		60	
156-59-2-----	cis-1,2-Dichloroethene		55	
156-60-5-----	trans-1,2-Dichloroethene		56	
78-87-5-----	1,2-Dichloropropane		52	
10061-01-5----	cis-1,3-Dichloropropene		54	
10061-02-6----	trans-1,3-Dichloropropene		55	
100-41-4-----	Ethylbenzene		56	
591-78-6-----	2-Hexanone		270	
98-82-8-----	Isopropylbenzene		55	
79-20-9-----	Methyl acetate		58	
108-87-2-----	Methylcyclohexane		56	
75-09-2-----	Methylene chloride		57	B

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB44

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833001Sample wt/vol: 5.00 (g/mL) G Lab File ID: F3063.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. 0 Heated Purge: Y Date Analyzed: 07/03/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
108-10-1-----	4-Methyl-2-pentanone		260	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		52	
100-42-5-----	Styrene		54	
79-34-5-----	1,1,2,2-Tetrachloroethane		53	
127-18-4-----	Tetrachloroethene		55	
108-88-3-----	Toluene		54	
120-82-1-----	1,2,4-Trichlorobenzene		50	
71-55-6-----	1,1,1-Trichloroethane		56	
79-00-5-----	1,1,2-Trichloroethane		53	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		64	
75-69-4-----	Trichlorofluoromethane		60	
79-01-6-----	Trichloroethene		55	
75-01-4-----	Vinyl chloride		56	
1330-20-7-----	Total Xylenes		160	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB44

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8B1833003Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3063.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/03/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

67-64-1-----	Acetone	280	B
71-43-2-----	Benzene	55	
75-27-4-----	Bromodichloromethane	55	
75-25-2-----	Bromoform	51	
74-83-9-----	Bromomethane	35	
78-93-3-----	2-Butanone	260	
75-15-0-----	Carbon Disulfide	60	
56-23-5-----	Carbon Tetrachloride	58	
108-90-7-----	Chlorobenzene	54	
75-00-3-----	Chloroethane	37	
67-66-3-----	Chloroform	55	
74-87-3-----	Chloromethane	53	
110-82-7-----	Cyclohexane	56	
106-93-4-----	1,2-Dibromoethane	52	
124-48-1-----	Dibromochloromethane	55	
96-12-8-----	1,2-Dibromo-3-chloropropane	54	
95-50-1-----	1,2-Dichlorobenzene	52	
541-73-1-----	1,3-Dichlorobenzene	53	
106-46-7-----	1,4-Dichlorobenzene	52	
75-71-8-----	Dichlorodifluoromethane	57	
75-34-3-----	1,1-Dichloroethane	56	
107-06-2-----	1,2-Dichloroethane	51	
75-35-4-----	1,1-Dichloroethene	60	
156-59-2-----	cis-1,2-Dichloroethene	55	
156-60-5-----	trans-1,2-Dichloroethene	56	
78-87-5-----	1,2-Dichloropropane	52	
10061-01-5----	cis-1,3-Dichloropropene	54	
10061-02-6----	trans-1,3-Dichloropropene	55	
100-41-4-----	Ethylbenzene	56	
591-78-6-----	2-Hexanone	270	
98-82-8-----	Isopropylbenzene	55	
79-20-9-----	Methyl acetate	58	
108-87-2-----	Methylcyclohexane	56	
75-09-2-----	Methylene chloride	57	B

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB44

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) WATER Lab Sample ID: A8B1833003Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3063.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 07/03/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
108-10-1-----	4-Methyl-2-pentanone		260	
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)		52	
100-42-5-----	Styrene		54	
79-34-5-----	1,1,2,2-Tetrachloroethane		53	
127-18-4-----	Tetrachloroethene		55	
108-88-3-----	Toluene		54	
120-82-1-----	1,2,4-Trichlorobenzene		50	
71-55-6-----	1,1,1-Trichloroethane		56	
79-00-5-----	1,1,2-Trichloroethane		53	
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane		64	
75-69-4-----	Trichlorofluoromethane		60	
79-01-6-----	Trichloroethene		55	
75-01-4-----	Vinyl chloride		56	
1330-20-7-----	Total Xylenes		160	

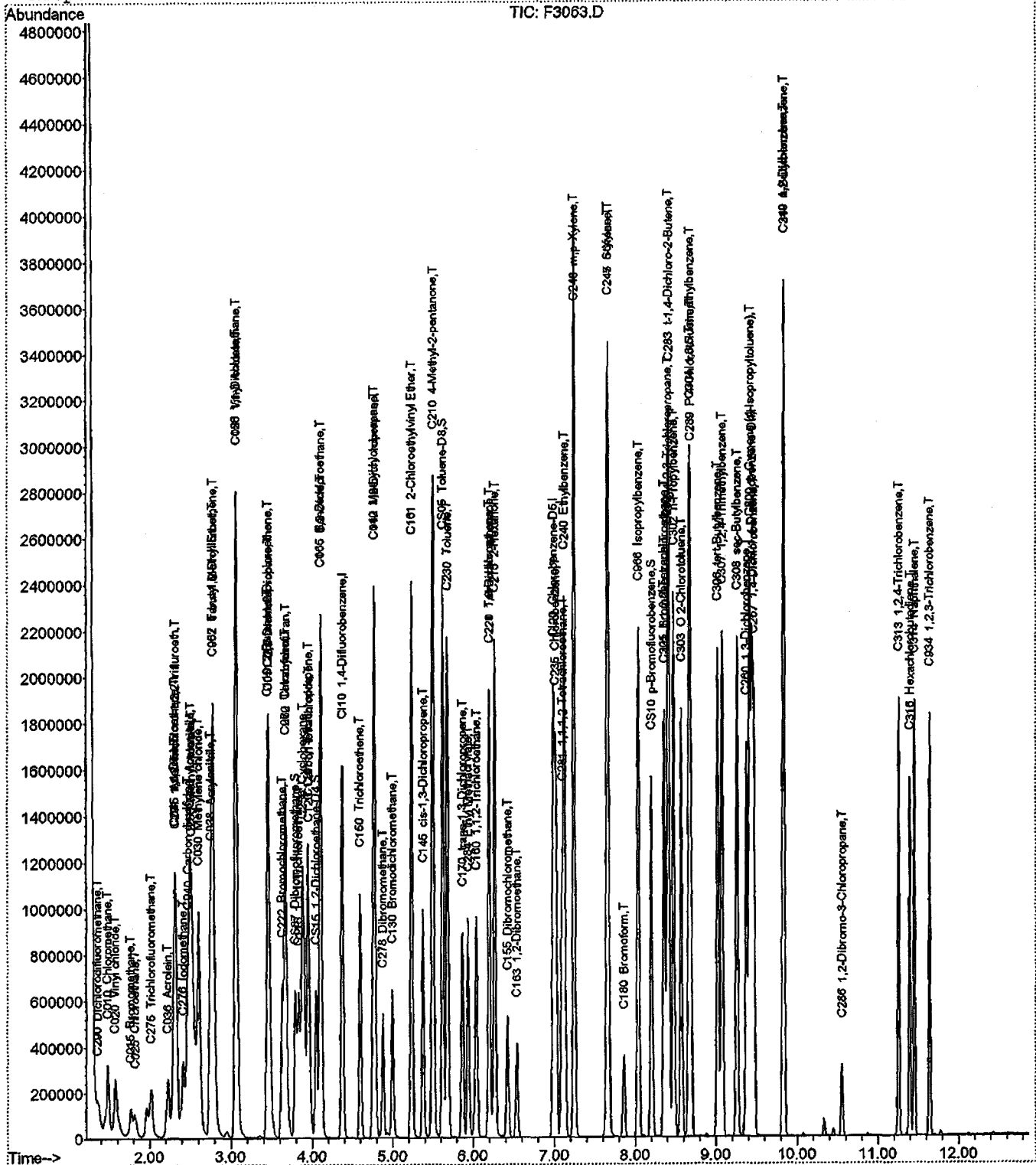
Quantitation Report (QT Reviewed)

Data File : H:\GCMS_VOA\F\070308\F3063.D
Acq On : 3 Jul 2008 21:38
Sample : MSB FULL
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 3 22:09 2008

Vial: 27
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Thu Jul 03 22:08:38 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\F\070308\F3063.D
 Acq On : 3 Jul 2008 21:38
 Sample : MSB FULL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 03 22:08:52 2008

Vial: 27
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Thu Jul 03 22:08:38 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\070308\F3062.D (3 Jul 2008 20:57)

OK
 = 07/03/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1312266	250.00	ng	0.00 105.07%
43) CI20 Chlorobenzene-D5	6.99	82	623692	250.00	ng	0.00 101.31%
63) CI30 1,4-Dichlorobenzene-	9.44	152	558919	250.00	ng	0.00 102.84%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	405408	260.27	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	104.11%
32) CS15 1,2-Dichloroethane-D	4.05	65	454500	245.51	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	98.20%
44) CS05 Toluene-D8	5.62	98	1690969	268.21	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	107.28%
62) CS10 p-Bromofluorobenzene	8.20	174	461431	248.41	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	99.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	1.36	85	265265	285.07	ng	96
3) C010 Chloromethane	1.49	50	460366	265.71	ng	98
4) C020 Vinyl chloride	1.58	62	387340	280.82	ng	94
5) C015 Bromomethane	1.77	94	111209	174.56	ng	87
6) C025 Chloroethane	1.82	64	114411	184.49	ng	98
7) C275 Trichlorofluorometha	2.02	101	391903m	300.41	ng	94
8) C291 1,1,2-Trichloro-1,2,	2.33	101	299425	318.33	ng	93
9) C045 1,1-Dichloroethene	2.31	96	275345	302.56	ng	91
10) C030 Methylene chloride	2.61	84	461715	284.87	ng	92
11) C040 Carbon disulfide	2.47	76	1173082	302.43	ng	97
12) C036 Acrolein	2.23	56	336305	4934.97	ng	96
13) C038 Acrylonitrile	2.75	53	828143	1307.42	ng	100
14) C035 Acetone	2.32	43	552336	1396.37	ng	99
15) C300 Acetonitrile	2.50	41	2421568	11289.15	ng	100
16) C276 Iodomethane	2.42	142	537292	294.93	ng	98
17) C255 Methyl Acetate	2.53	43	585289	291.96	ng	94
18) C962 T-butyl Methyl Ether	2.78	73	1091100	261.74	ng	88
19) C057 trans-1,2-Dichloroet	2.79	96	409197	282.55	ng	85
20) C050 1,1-Dichloroethane	3.06	63	713448	278.89	ng	96
21) C125 Vinyl Acetate	3.07	43	3745895	1328.06	ng	96
22) C051 2,2-Dichloropropane	3.47	77	500937	289.59	ng	90
23) C056 cis-1,2-Dichloroethe	3.46	96	437744	276.75	ng	96
24) C272 Tetrahydrofuran	3.66	42	683581	1277.11	ng	98
25) C222 Bromochloromethane	3.63	128	188146	263.68	ng	# 83
26) C060 Chloroform	3.68	83	615851	275.48	ng	99
28) C256 Cyclohexane	3.89	56	783975	278.59	ng	# 100
29) C115 1,1,1-Trichloroethan	3.83	97	500042	282.56	ng	97
30) C120 Carbon tetrachloride	3.96	117	379364	287.82	ng	96
31) C116 1,1-Dichloropropene	3.94	75	498170	284.01	ng	89

(#) = qualifier out of range (m) = manual integration
 F3063.D A8I00000477.M Thu Jul 03 22:09:21 2008

HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\F\070308\F3063.D
 Acq On : 3 Jul 2008 21:38
 Sample : MSB FULL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 03 22:08:52 2008

Vial: 27
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Thu Jul 03 22:08:38 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	1573290	276.96	ng	96
34) C065 1,2-Dichloroethane	4.11	62	458931	255.19	ng	86
35) C110 2-Butanone	3.45	43	1026371	1319.14	ng	91
36) C150 Trichloroethene	4.59	95	372347	275.31	ng	97
37) C161 2-Chloroethylvinyl E	5.23	63	1069145	1547.27	ng	# 76
38) C012 Methylcyclohexane	4.77	83	704569	280.59	ng	80
39) C140 1,2-Dichloropropane	4.78	63	409756	262.19	ng	100
40) C278 Dibromomethane	4.88	93	209013	258.88	ng	94
41) C130 Bromodichloromethane	5.00	83	428792	275.94	ng	97
42) C145 cis-1,3-Dichloroprop	5.38	75	584457	269.27	ng	96
45) C230 Toluene	5.68	92	937754	269.83	ng	94
46) C170 trans-1,3-Dichloropr	5.87	75	503611	273.45	ng	93
47) C284 Ethyl Methacrylate	5.94	69	507038	266.67	ng	88
48) C160 1,1,2-Trichloroethan	6.04	83	264682	265.78	ng	96
49) C210 4-Methyl-2-pentanone	5.50	43	2051971	1328.94	ng	94
50) C220 Tetrachloroethene	6.19	166	355523	274.10	ng	92
51) C221 1,3-Dichloropropane	6.20	76	553780	265.04	ng	95
52) C155 Dibromochloromethane	6.43	129	290067	273.99	ng	79
53) C163 1,2-Dibromoethane	6.54	107	300661	261.17	ng	92
54) C215 2-Hexanone	6.27	43	1475518	1335.63	ng	89
55) C235 Chlorobenzene	7.02	112	969558	270.11	ng	98
56) C281 1,1,1,2-Tetrachloroe	7.10	131	303327	273.76	ng	94
57) C240 Ethylbenzene	7.13	91	1718570	278.45	ng	98
58) C246 m,p-Xylene	7.25	106	1274504	548.51	ng	98
59) C247 o-Xylene	7.65	106	626412	269.35	ng	# 81
60) C245 Styrene	7.67	104	1026139	271.80	ng	97
61) C180 Bromoform	7.86	173	183194	257.44	ng	82
64) C966 Isopropylbenzene	8.04	105	1539522	276.03	ng	91
65) C301 Bromobenzene	8.36	156	374732	264.85	ng	94
66) C225 1,1,2,2-Tetrachloroe	8.35	83	418465	266.47	ng	92
67) C282 1,2,3-Trichloropropa	8.40	110	112313	256.06	ng	100
68) C283 t-1,4-Dichloro-2-But	8.42	53	636278	1372.68	ng	77
69) C302 n-Propylbenzene	8.48	91	2041716	283.03	ng	95
70) C303 O 2-Chlorotoluene	8.57	126	393785	273.72	ng	100
71) C289 P 4-Chlorotoluene	8.69	126	408789	278.52	ng	100
72) C304 1,3,5-Trimethylbenze	8.67	105	1292620	274.28	ng	84
73) C306 tert-Butylbenzene	9.02	134	278514	265.11	ng	# 84
74) C307 1,2,4-Trimethylbenze	9.08	105	1315861	269.67	ng	95
75) C308 sec-Butylbenzene	9.26	105	1630487	277.79	ng	92
76) C260 1,3-Dichlorobenzene	9.38	146	729548	265.08	ng	98
77) C309 p-Cymene (4-Isopropy	9.42	119	1435873	276.21	ng	96
78) C267 1,4-Dichlorobenzene	9.47	146	733239	262.02	ng	97
79) C249 1,2-Dichlorobenzene	9.84	146	685996	258.42	ng	100
80) C310 n-Butylbenzene	9.83	91	1460460	286.24	ng	99
81) C286 1,2-Dibromo-3-Chloro	10.56	75	69214	268.18	ng	95
82) C313 1,2,4-Trichlorobenze	11.26	180	514581	251.45	ng	98
83) C316 Hexachlorobutadiene	11.40	225	252562	252.73	ng	97
84) C314 Naphthalene	11.45	128	1252444	243.28	ng	96
85) C934 1,2,3-Trichlorobenze	11.64	180	479240	247.07	ng	100

(#) = qualifier out of range (m) = manual integration
 F3063.D A8I00000477.M Thu Jul 03 22:09:22 2008

HP5973P

Page 2

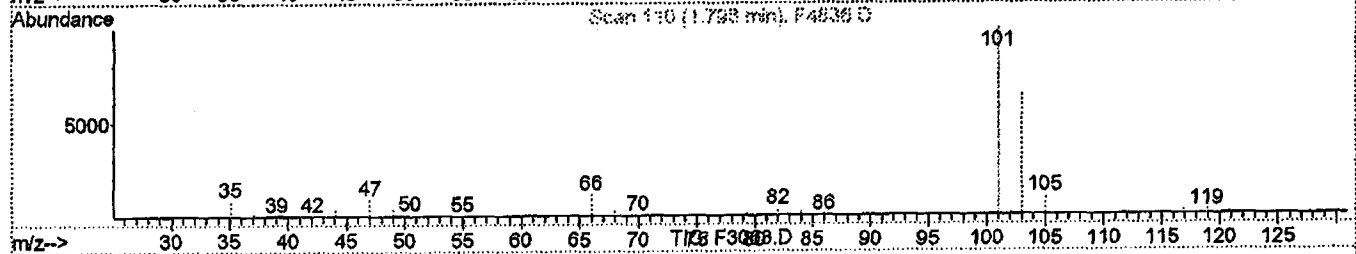
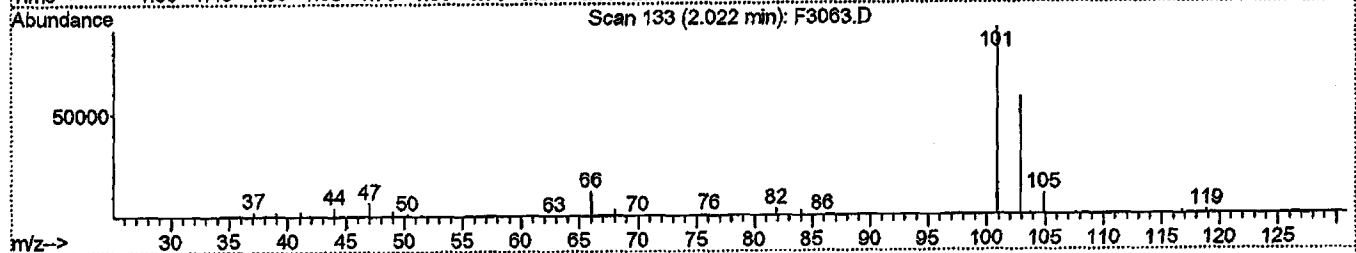
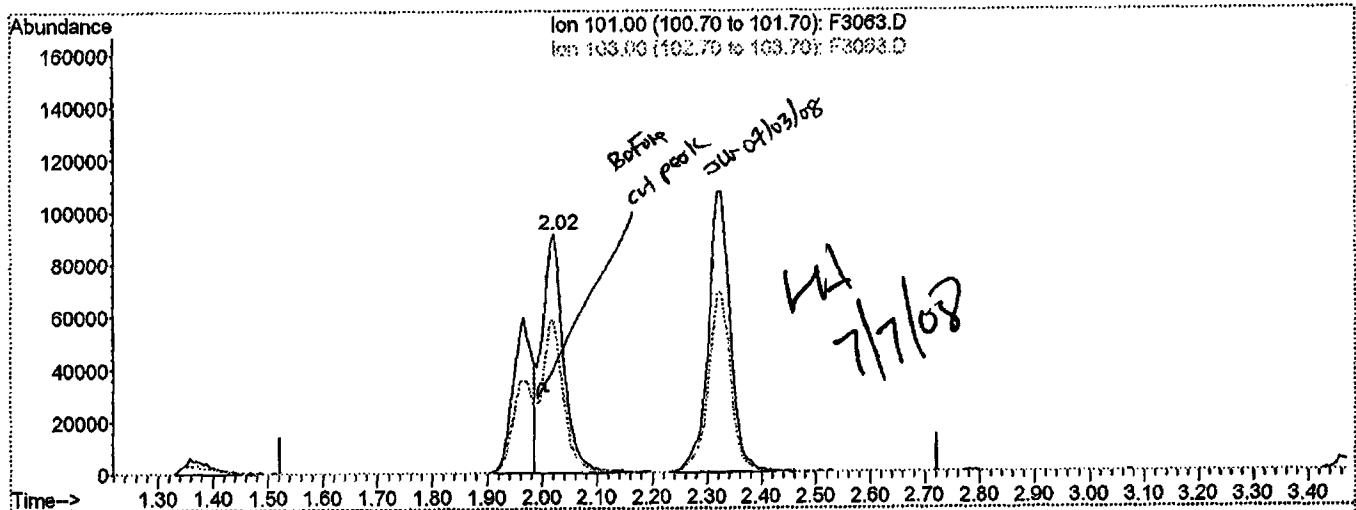
Quantitation Report (Qedit)

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 Acq On : 3 Jul 2008 21:38
 Sample : MSB FULL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 3 22:08 2008

Vial: 27
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Thu Jul 03 22:08:38 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 191.18ng

response 249415

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	63.27
0.00	0.00	0.00
0.00	0.00	0.00

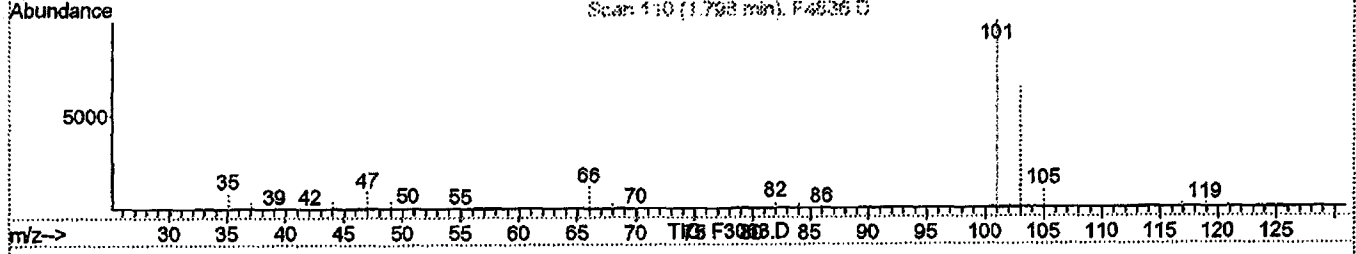
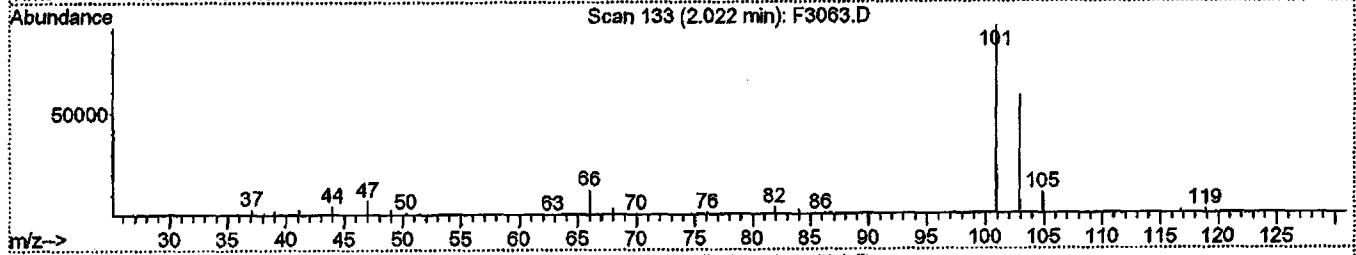
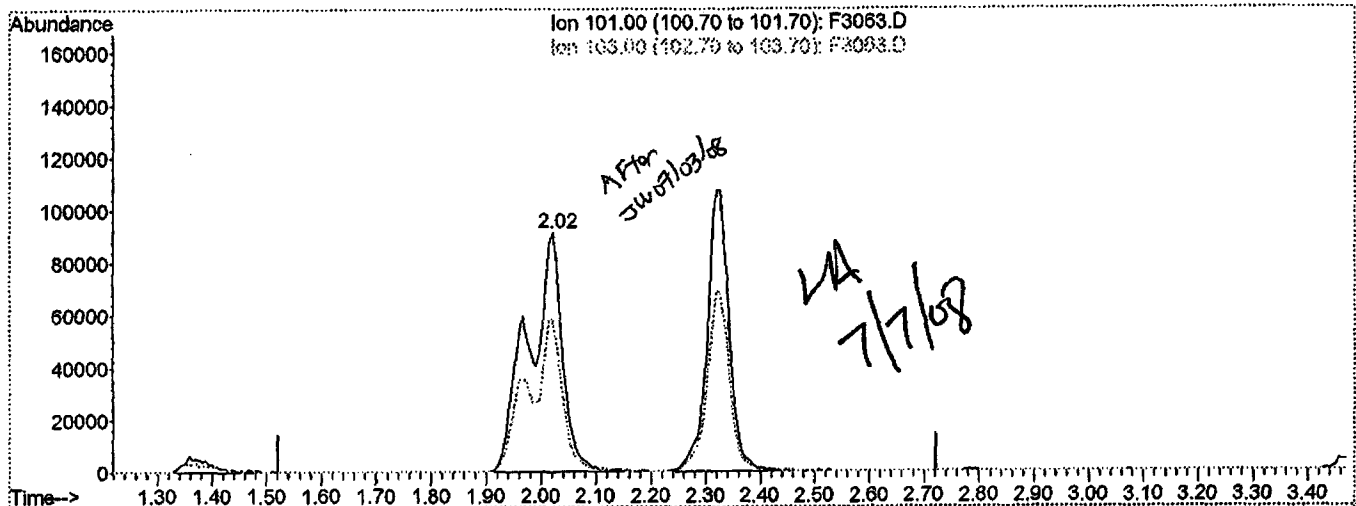
Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\F\070308\F3063.D
 Acq On : 3 Jul 2008 21:38
 Sample : MSB FULL
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 3 22:09 2008

Vial: 27
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Thu Jul 03 22:08:38 2008
 Response via : Multiple Level Calibration



(7) C275 Trichlorofluoromethane (T)

2.02min 300.41ng m

response 391903

Ion	Exp%	Act%
101.00	100	100
103.00	58.90	63.27
0.00	0.00	0.00
0.00	0.00	0.00

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB 070108

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769110Sample wt/vol: 4.09 (g/mL) G Lab File ID: P9170.RRLevel: (low/med) MED Date Samp/Recv: _____% Moisture: not dec. 0 Heated Purge: N Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

67-64-1-----	Acetone	610	U
71-43-2-----	Benzene	3400	
75-27-4-----	Bromodichloromethane	120	U
75-25-2-----	Bromofom	120	U
74-83-9-----	Bromomethane	120	U
78-93-3-----	2-Butanone	610	U
75-15-0-----	Carbon Disulfide	120	U
56-23-5-----	Carbon Tetrachloride	120	U
108-90-7-----	Chlorobenzene	3500	
75-00-3-----	Chloroethane	120	U
67-66-3-----	Chlorofom	120	U
74-87-3-----	Chloromethane	120	U
110-82-7-----	Cyclohexane	120	U
106-93-4-----	1,2-Dibromoethane	120	U
124-48-1-----	Dibromochloromethane	120	U
96-12-8-----	1,2-Dibromo-3-chloropropane	120	U
95-50-1-----	1,2-Dichlorobenzene	120	U
541-73-1-----	1,3-Dichlorobenzene	120	U
106-46-7-----	1,4-Dichlorobenzene	120	U
75-71-8-----	Dichlorodifluoromethane	120	U
75-34-3-----	1,1-Dichloroethane	120	U
107-06-2-----	1,2-Dichloroethane	120	U
75-35-4-----	1,1-Dichloroethene	3300	
156-59-2-----	cis-1,2-Dichloroethene	120	U
156-60-5-----	trans-1,2-Dichloroethene	120	U
78-87-5-----	1,2-Dichloropropane	120	U
10061-01-5----	cis-1,3-Dichloropropene	120	U
10061-02-6----	trans-1,3-Dichloropropene	120	U
100-41-4-----	Ethylbenzene	120	U
591-78-6-----	2-Hexanone	610	U
98-82-8-----	Isopropylbenzene	120	U
79-20-9-----	Methyl acetate	120	U
108-87-2-----	Methylcyclohexane	120	U
75-09-2-----	Methylene chloride	120	U

LABELLA ASSOCIATES
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 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

MSB 070108

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769110Sample wt/vol: 4.09 (g/mL) G Lab File ID: P9170.RRLevel: (low/med) MED Date Samp/Recv: _____% Moisture: not dec. 0 Heated Purge: N Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-10-1-----4-Methyl-2-pentanone	610	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	120	U
100-42-5-----Styrene	120	U
79-34-5-----1,1,2,2-Tetrachloroethane	120	U
127-18-4-----Tetrachloroethene	120	U
108-88-3-----Toluene	3500	
120-82-1-----1,2,4-Trichlorobenzene	120	U
71-55-6-----1,1,1-Trichloroethane	120	U
79-00-5-----1,1,2-Trichloroethane	120	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	120	U
75-69-4-----Trichlorofluoromethane	120	U
79-01-6-----Trichloroethene	3300	
75-01-4-----Vinyl chloride	240	U
1330-20-7-----Total Xylenes	370	U

Quantitation Report (Not Reviewed)

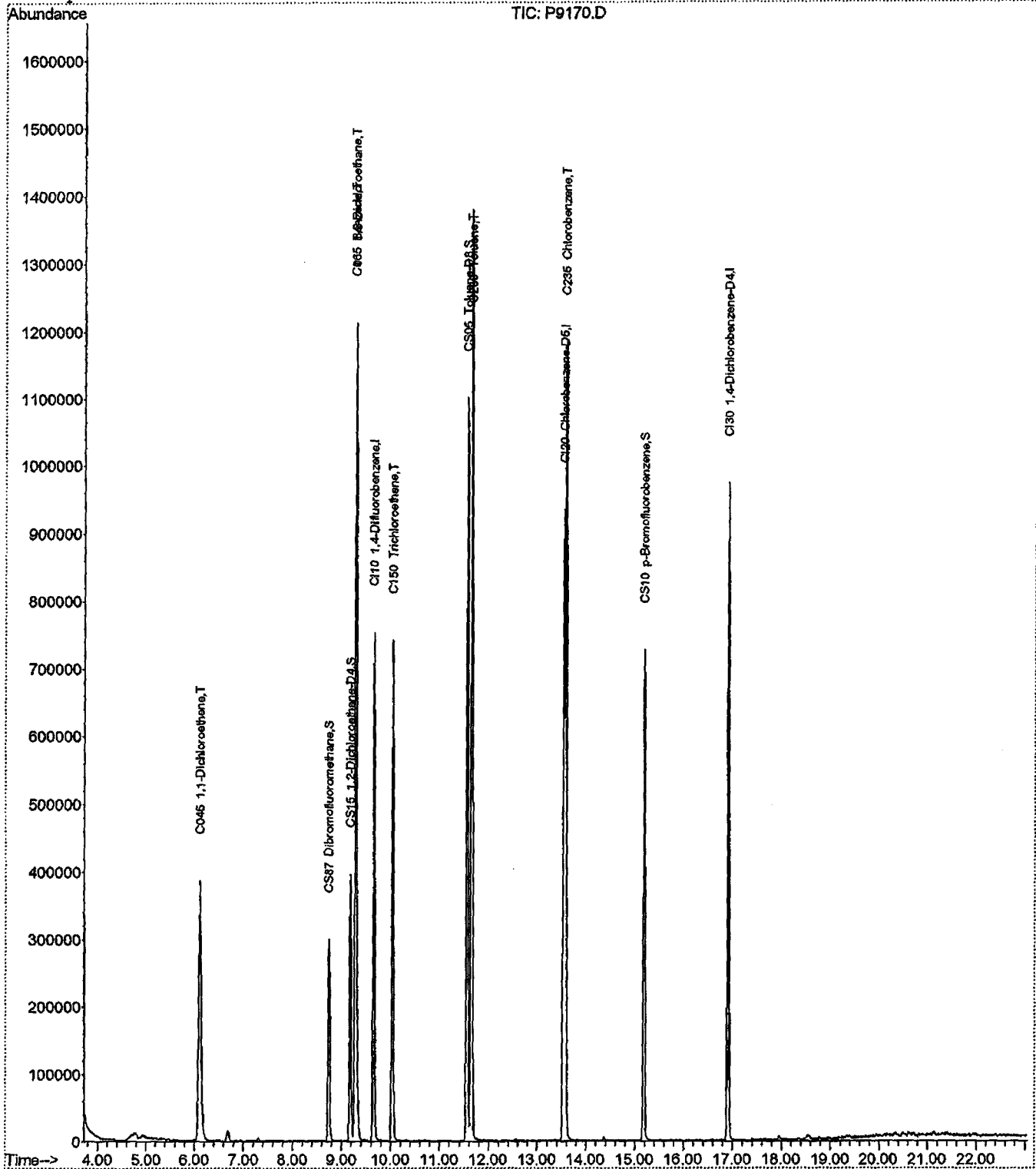
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Acq On : 4 Jul 2008 00:22
Sample : ML MSB 07/01/08
Misc :

Vial: 7
Operator: JLG
Inst : HP5973 P
Multiplr: 1.00

MS Integration Params: RTEINT.P
Quant Time: Jul 7 8:25 2008

Quant Results File: A8I0000432.RES

Method : C:\MSDCHEM\1\METHODS\8260_5ML\A8I0000432.M (RTE Integrator)
Title : 8260 5ML
Last Update : Mon Jul 07 08:25:11 2008
Response via : Initial Calibration



Quantitation Report

Data File : H:\GCMS_VOA\P\070308\P9170.D
 Acq On : 4 Jul 2008 00:22
 Sample : ML MSB 07/01/08
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:25:31 2008

Vial: 7
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Mon Jul 07 08:25:11 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\P\070308\P9166.D (3 Jul 2008 22:17)

STE
 7/7/08
 LA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	9.65	114	673047	125.00	ng	0.00 98.10%
43) CI20 Chlorobenzene-D5	13.54	117	596979	125.00	ng	0.00 95.14%
62) CI30 1,4-Dichlorobenzene-	16.91	152	312766	125.00	ng	0.00 95.44%

System Monitoring Compounds

30) CS87 Dibromofluoromethane	8.74	111	222882	119.04	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	95.23%
31) CS15 1,2-Dichloroethane-D	9.18	65	315547	119.47	ng	0.00
Spiked Amount	125.000	Range	66 - 137	Recovery	=	95.58%
44) CS05 Toluene-D8	11.56	98	820272	123.15	ng	0.00
Spiked Amount	125.000	Range	71 - 126	Recovery	=	98.52%
61) CS10 p-Bromofluorobenzene	15.19	174	239913	114.18	ng	0.00
Spiked Amount	125.000	Range	73 - 120	Recovery	=	91.34%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	4.14	50	114	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	0.00	101	0	N.D.		
8) C045 1,1-Dichloroethene	6.11	96	249965	136.76	ng	# 73
9) C030 Methylene chloride	6.70	84	9497	Below Cal		# 77
10) C040 Carbon disulfide	6.47	76	2128	N.D.		
11) C036 Acrolein	5.97	56	1258	N.D.		
12) C038 Acrylonitrile	0.00	53	0	N.D.		
13) C035 Acetone	6.12	43	2272	N.D.		
14) C300 Acetonitrile	0.00	41	0	N.D.		
15) C276 Iodomethane	0.00	142	0	N.D.		
16) C291 1,1,2 Trichloro-1,2,	0.00	101	0	N.D.		
17) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
18) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
19) C255 Methyl Acetate	6.50	43	372	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	7.30	43	1383	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	0.00	42	0	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	8.55	83	437	N.D.		
27) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
28) C120 Carbon tetrachloride	0.00	117	0	N.D.		
29) C116 1,1-Dichloropropene	0.00	75	0	N.D.		
32) C165 Benzene	9.28	78	1103168	140.09	ng	99

mtg/1/08

(#) = qualifier out of range (m) = manual integration
 P9170.D A8I0000432.M Mon Jul 07 08:25:37 2008

HP5973P

Quantitation Report

Data File : H:\GCMS_VOA\P\070308\P9170.D
 Acq On : 4 Jul 2008 00:22
 Sample : ML MSB 07/01/08
 Misc :

Vial: 7
 Operator: JLG
 Inst : HP5973 P
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:25:31 2008

Quant Results File: A8I0000432.RES

Quant Method : C:\MSDCHEM\1...\A8I0000432.M (RTE Integrator)
 Title : 8260 5ML
 Last Update : Mon Jul 07 08:25:11 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QI	Ion	Response	Conc	Unit	Qvalue
33) C065	9.28	62		10530	3.04	ng	# 1
34) C110	8.20	43		3957	N.D.		
35) C256	8.93	56		286	N.D.		
36) C150	10.03	95		282924	134.71	ng	90
37) C140	0.00	63		0	N.D.		
38) C278	0.00	93		0	N.D.		
39) C130	0.00	83		0	N.D.		
40) C161	0.00	63		0	N.D.		
41) C012	10.31	83		749	N.D.		
42) C145	0.00	75		0	N.D.		
45) C230	11.65	92		676815	142.64	ng	93
46) C170	0.00	75		0	N.D.		
47) C284	0.00	69		0	N.D.		
48) C160	0.00	83		0	N.D.		
49) C210	0.00	43		0	N.D.		
50) C220	0.00	166		0	N.D.		
51) C221	0.00	76		0	N.D.		
52) C155	0.00	129		0	N.D.		
53) C163	0.00	107		0	N.D.		
54) C215	12.56	43		820	N.D.		
55) C235	13.58	112		753059	142.01	ng	93
56) C291	0.00	131		0	N.D.		
57) C240	13.70	91		1197	N.D.		
58) C246	13.85	106		708	N.D.		
59) C247	0.00	106		0	N.D.		
60) C245	14.44	104		154	N.D.		
63) C180	0.00	173		0	N.D.		
64) C966	14.93	105		796	N.D.		
65) C301	0.00	156		0	N.D.		
66) C225	0.00	83		0	N.D.		
67) C282	0.00	110		0	N.D.		
68) C283	0.00	51		0	N.D.		
69) C302	15.53	91		1739	N.D.		
70) C303	0.00	126		0	N.D.		
71) C289	0.00	126		0	N.D.		
72) C304	15.77	105		744	N.D.		
73) C306	0.00	134		0	N.D.		
74) C307	16.34	105		1291	N.D.		
75) C308	16.60	105		1703	N.D.		
76) C260	16.83	146		400	N.D.		
77) C309	16.79	119		1612	N.D.		
78) C267	16.96	146		425	N.D.		
79) C249	0.00	146		0	N.D.		
80) C310	17.41	91		2213	N.D.		
81) C286	0.00	75		0	N.D.		
82) C313	19.96	180		1184	N.D.		
83) C316	20.17	225		637	N.D.		
84) C314	20.37	128		2827	N.D.		
85) C934	20.75	180		1382	N.D.		

(#) = qualifier out of range (m) = manual integration

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805MSSample wt/vol: 5.17 (g/mL) G Lab File ID: F3081.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1	Acetone	58		B
71-43-2	Benzene	54		
75-27-4	Bromodichloromethane	6		U
75-25-2	Bromoform	6		U
74-83-9	Bromomethane	6		U
78-93-3	2-Butanone	10		J
75-15-0	Carbon Disulfide	6		U
56-23-5	Carbon Tetrachloride	6		U
108-90-7	Chlorobenzene	48		
75-00-3	Chloroethane	6		U
67-66-3	Chloroform	6		U
74-87-3	Chloromethane	6		U
110-82-7	Cyclohexane	6		U
106-93-4	1,2-Dibromoethane	6		U
124-48-1	Dibromochloromethane	6		U
96-12-8	1,2-Dibromo-3-chloropropane	6		U
95-50-1	1,2-Dichlorobenzene	6		U
541-73-1	1,3-Dichlorobenzene	6		U
106-46-7	1,4-Dichlorobenzene	6		U
75-71-8	Dichlorodifluoromethane	6		U
75-34-3	1,1-Dichloroethane	6		U
107-06-2	1,2-Dichloroethane	6		U
75-35-4	1,1-Dichloroethene	63		
156-59-2	cis-1,2-Dichloroethene	6		U
156-60-5	trans-1,2-Dichloroethene	6		U
78-87-5	1,2-Dichloropropane	6		U
10061-01-5	cis-1,3-Dichloropropene	6		U
10061-02-6	trans-1,3-Dichloropropene	6		U
100-41-4	Ethylbenzene	6		U
591-78-6	2-Hexanone	30		U
98-82-8	Isopropylbenzene	6		U
79-20-9	Methyl acetate	6		U
108-87-2	Methylcyclohexane	6		U
75-09-2	Methylene chloride	6		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805MSSample wt/vol: 5.17 (g/mL) G Lab File ID: F3081.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

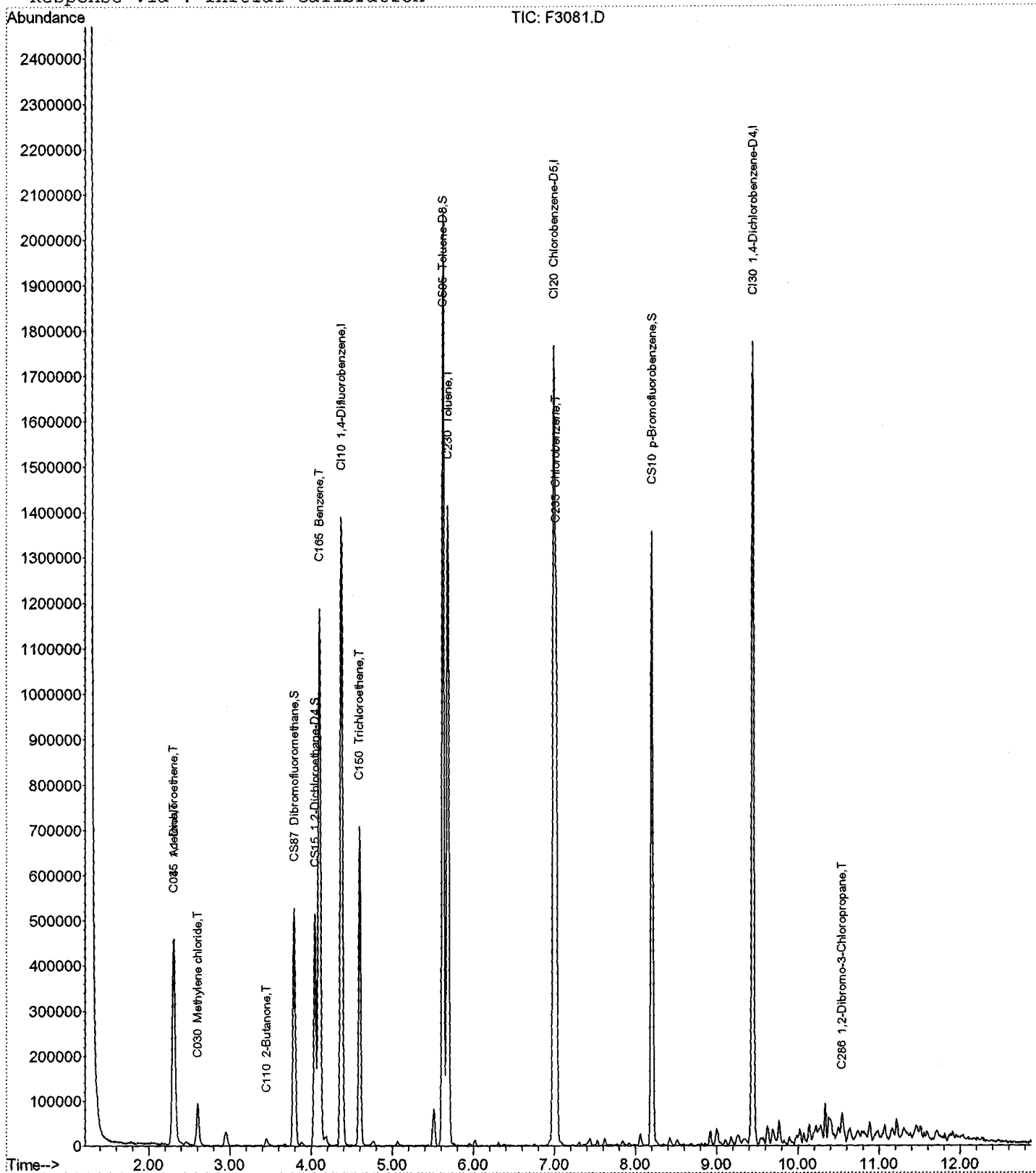
108-10-1-----	4-Methyl-2-pentanone	30	U
1634-04-4-----	Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5-----	Styrene	6	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6	U
127-18-4-----	Tetrachloroethene	6	U
108-88-3-----	Toluene	49	
120-82-1-----	1,2,4-Trichlorobenzene	6	U
71-55-6-----	1,1,1-Trichloroethane	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4-----	Trichlorofluoromethane	6	U
79-01-6-----	Trichloroethene	50	
75-01-4-----	Vinyl chloride	12	U
1330-20-7-----	Total Xylenes	18	U

Data File : H:\GCMS_VOA\F\070308\F3081.D
Acq On : 4 Jul 2008 5:32
Sample : A8798805MS
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 7 8:33 2008

Vial: 45
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration



Data File : H:\GCMS_VOA\F\070308\F3081.D
 Acq On : 4 Jul 2008 5:32
 Sample : A8798805MS
 Misc :

Vial: 45
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:33:17 2008

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\070308\F3062.D (3 Jul 2008 20:57)

STE
7/7/08
WA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
						Rcv (Ar)
1) CI10 1,4-Difluorobenzene	4.37	114	1160205	250.00	ng	0.00 92.90%
43) CI20 Chlorobenzene-D5	6.99	82	568911	250.00	ng	0.00 92.42%
63) CI30 1,4-Dichlorobenzene-	9.44	152	476818	250.00	ng	0.00 87.73%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	353481	256.68	ng	0.00
Spiked Amount	250.000	Range	70 - 130	Recovery	=	102.67%
32) CS15 1,2-Dichloroethane-D	4.05	65	354712	216.72	ng	0.00
Spiked Amount	250.000	Range	64 - 126	Recovery	=	86.69%
44) CS05 Toluene-D8	5.62	98	1488925	258.91	ng	0.00
Spiked Amount	250.000	Range	71 - 125	Recovery	=	103.56%
62) CS10 p-Bromofluorobenzene	8.20	174	398112	234.96	ng	0.00
Spiked Amount	250.000	Range	72 - 126	Recovery	=	93.98%

Target Compounds

Qvalue

2) C290 Dichlorodifluorometh	0.00	85	0	N.D.	
3) C010 Chloromethane	1.47	50	488	N.D.	
4) C020 Vinyl chloride	0.00	62	0	N.D.	
5) C015 Bromomethane	0.00	94	0	N.D.	
6) C025 Chloroethane	0.00	64	0	N.D.	
7) C275 Trichlorofluorometha	0.00	101	0	N.D.	
8) C291 1,1,2-Trichloro-1,2,	2.31	101	162	N.D.	
9) C045 1,1-Dichloroethene	2.31	96	211225	262.52	ng 94
10) C030 Methylene chloride	2.61	84	47980	6.43	ng 89
11) C040 Carbon disulfide	2.47	76	12185	N.D.	
12) C036 Acrolein	0.00	56	0	N.D.	
13) C038 Acrylonitrile	0.00	53	0	N.D.	
14) C035 Acetone	2.31	43	83887	239.87	ng 98
15) C300 Acetonitrile	2.52	41	202	N.D.	
16) C276 Iodomethane	0.00	142	0	N.D.	
17) C255 Methyl Acetate	0.00	43	0	N.D.	
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.	
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.	
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.	
21) C125 Vinyl Acetate	0.00	43	0	N.D.	
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.	
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.	
24) C272 Tetrahydrofuran	0.00	42	0	N.D.	
25) C222 Bromochloromethane	0.00	128	0	N.D.	
26) C060 Chloroform	3.68	83	3670	N.D.	
28) C256 Cyclohexane	3.88	56	4375	N.D.	
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.	
30) C120 Carbon tetrachloride	0.00	117	0	N.D.	
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.	

mgs/100g

Data File : H:\GCMS_VOA\F\070308\F3081.D
Acq On : 4 Jul 2008 5:32
Sample : A8798805MS
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 07 08:33:17 2008

Vial: 45
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration
DataAcq Meth : VOA

Table with columns: Compound, R.T., QIon, Response, Conc, Unit, Qvalue. Contains 85 rows of chemical analysis data, including Benzene, 1,2-Dichloroethane, 2-Butanone, Trichloroethene, Toluene, Chlorobenzene, and others.

(#) = qualifier out of range (m) = manual integration

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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805SDSample wt/vol: 5.15 (g/mL) G Lab File ID: F3082.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
67-64-1	Acetone	58		B
71-43-2	Benzene	51		
75-27-4	Bromodichloromethane	6		U
75-25-2	Bromofom	6		U
74-83-9	Bromomethane	6		U
78-93-3	2-Butanone	10		J
75-15-0	Carbon Disulfide	6		U
56-23-5	Carbon Tetrachloride	6		U
108-90-7	Chlorobenzene	45		
75-00-3	Chloroethane	6		U
67-66-3	Chloroform	6		U
74-87-3	Chloromethane	6		U
110-82-7	Cyclohexane	6		U
106-93-4	1,2-Dibromoethane	6		U
124-48-1	Dibromochloromethane	6		U
96-12-8	1,2-Dibromo-3-chloropropane	6		U
95-50-1	1,2-Dichlorobenzene	6		U
541-73-1	1,3-Dichlorobenzene	6		U
106-46-7	1,4-Dichlorobenzene	6		U
75-71-8	Dichlorodifluoromethane	6		U
75-34-3	1,1-Dichloroethane	6		U
107-06-2	1,2-Dichloroethane	6		U
75-35-4	1,1-Dichloroethene	61		
156-59-2	cis-1,2-Dichloroethene	6		U
156-60-5	trans-1,2-Dichloroethene	6		U
78-87-5	1,2-Dichloropropane	6		U
10061-01-5	cis-1,3-Dichloropropene	6		U
10061-02-6	trans-1,3-Dichloropropene	6		U
100-41-4	Ethylbenzene	6		U
591-78-6	2-Hexanone	30		U
98-82-8	Isopropylbenzene	6		U
79-20-9	Methyl acetate	6		U
108-87-2	Methylcyclohexane	6		U
75-09-2	Methylene chloride	6		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8260 - TCL VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805SDSample wt/vol: 5.15 (g/mL) G Lab File ID: F3082.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 07/04/2008GC Column: ZB-624 ID: 0.20 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

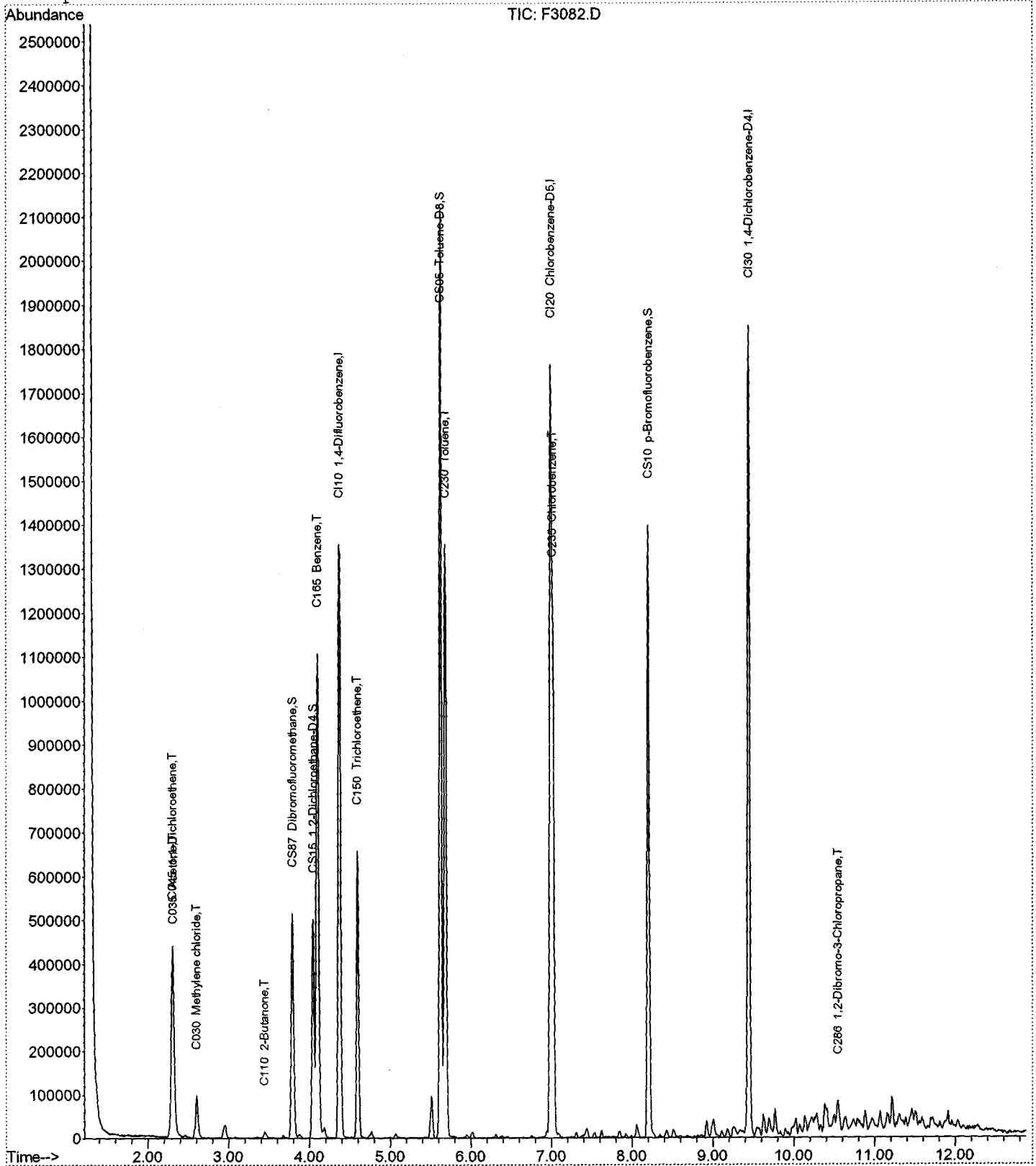
108-10-1-----4-Methyl-2-pentanone	30	U
1634-04-4-----Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5-----Styrene	6	U
79-34-5-----1,1,2,2-Tetrachloroethane	6	U
127-18-4-----Tetrachloroethene	6	U
108-88-3-----Toluene	46	
120-82-1-----1,2,4-Trichlorobenzene	6	U
71-55-6-----1,1,1-Trichloroethane	6	U
79-00-5-----1,1,2-Trichloroethane	6	U
76-13-1-----1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4-----Trichlorofluoromethane	6	U
79-01-6-----Trichloroethene	48	
75-01-4-----Vinyl chloride	12	U
1330-20-7-----Total Xylenes	18	U

Data File : H:\GCMS_VOA\F\070308\F3082.D
Acq On : 4 Jul 2008 5:58
Sample : A8798805SD
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jul 7 8:33 2008

Vial: 46
Operator: JLG
Inst : HP5973F
Multiplr: 1.00

Quant Results File: A8I00000477.RES

Method : C:\MSDCHEM\2\METHODS\F8260\A8I00000477.M (RTE Integrator)
Title : 8260 SOILS ENCON
Last Update : Mon Jul 07 08:28:03 2008
Response via : Initial Calibration



Data File : H:\GCMS_VOA\F\070308\F3082.D
 Acq On : 4 Jul 2008 5:58
 Sample : A8798805SD
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:33:23 2008

Vial: 46
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA
 IS QA File : H:\GCMS_VOA\F\070308\F3062.D (3 Jul 2008 20:57)

STE
7/7/08
WA

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI10 1,4-Difluorobenzene	4.38	114	1161361	250.00	ng	0.00	92.99%
43) CI20 Chlorobenzene-D5	6.99	82	571622	250.00	ng	0.00	92.86%
63) CI30 1,4-Dichlorobenzene-	9.44	152	489011	250.00	ng	0.00	89.98%

System Monitoring Compounds

27) CS87 Dibromofluoromethane	3.79	111	354487	257.15	ng	0.00	
Spiked Amount	250.000	Range	70 - 130	Recovery	=	102.86%	
32) CS15 1,2-Dichloroethane-D	4.05	65	358077	218.55	ng	0.00	
Spiked Amount	250.000	Range	64 - 126	Recovery	=	87.42%	
44) CS05 Toluene-D8	5.62	98	1497578	259.18	ng	0.00	
Spiked Amount	250.000	Range	71 - 125	Recovery	=	103.67%	
62) CS10 p-Bromofluorobenzene	8.20	174	401776	236.00	ng	0.00	
Spiked Amount	250.000	Range	72 - 126	Recovery	=	94.40%	

Target Compounds

Qvalue

2) C290 Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010 Chloromethane	0.00	50	0	N.D.		
4) C020 Vinyl chloride	0.00	62	0	N.D.		
5) C015 Bromomethane	0.00	94	0	N.D.		
6) C025 Chloroethane	0.00	64	0	N.D.		
7) C275 Trichlorofluorometha	2.01	101	173	N.D.		
8) C291 1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
9) C045 1,1-Dichloroethene	2.31	96	202970	252.01	ng	93
10) C030 Methylene chloride	2.61	84	50110	8.04	ng	82
11) C040 Carbon disulfide	2.47	76	10173	N.D.		
12) C036 Acrolein	0.00	56	0	N.D.		
13) C038 Acrylonitrile	0.00	53	0	N.D.		
14) C035 Acetone	2.32	43	84466	241.29	ng	96
15) C300 Acetonitrile	0.00	41	0	N.D.		
16) C276 Iodomethane	0.00	142	0	N.D.		
17) C255 Methyl Acetate	0.00	43	0	N.D.		
18) C962 T-butyl Methyl Ether	0.00	73	0	N.D.		
19) C057 trans-1,2-Dichloroet	0.00	96	0	N.D.		
20) C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21) C125 Vinyl Acetate	0.00	43	0	N.D.		
22) C051 2,2-Dichloropropane	0.00	77	0	N.D.		
23) C056 cis-1,2-Dichloroethe	0.00	96	0	N.D.		
24) C272 Tetrahydrofuran	3.66	42	468	N.D.		
25) C222 Bromochloromethane	0.00	128	0	N.D.		
26) C060 Chloroform	3.68	83	4426	N.D.		
28) C256 Cyclohexane	3.88	56	5447	N.D.		
29) C115 1,1,1-Trichloroethan	0.00	97	0	N.D.		
30) C120 Carbon tetrachloride	0.00	117	0	N.D.		
31) C116 1,1-Dichloropropene	0.00	75	0	N.D.		

(#) = qualifier out of range (m) = manual integration

mpt/ste

Data File : H:\GCMS_VOA\F\070308\F3082.D
 Acq On : 4 Jul 2008 5:58
 Sample : A8798805SD
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Jul 07 08:33:23 2008

Vial: 46
 Operator: JLG
 Inst : HP5973F
 Multiplr: 1.00

Quant Results File: A8I00000477.RES

Quant Method : C:\MSDCHEM\2...\A8I00000477.M (RTE Integrator)
 Title : 8260 SOILS ENCON
 Last Update : Mon Jul 07 08:28:03 2008
 Response via : Initial Calibration
 DataAcq Meth : VOA

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) C165 Benzene	4.10	78	1050840	209.03	ng	97
34) C065 1,2-Dichloroethane	4.10	62	7422	N.D.		
35) C110 2-Butanone	3.44	43	27111	39.37	ng	83
36) C150 Trichloroethene	4.59	95	237495	198.42	ng	92
37) C161 2-Chloroethylvinyl E	0.00	63	0	N.D.		
38) C012 Methylcyclohexane	4.77	83	5979	N.D.		
39) C140 1,2-Dichloropropane	0.00	63	0	N.D.		
40) C278 Dibromomethane	0.00	93	0	N.D.		
41) C130 Bromodichloromethane	0.00	83	0	N.D.		
42) C145 cis-1,3-Dichloroprop	0.00	75	0	N.D.		
45) C230 Toluene	5.68	92	610164	191.56	ng	91
46) C170 trans-1,3-Dichloropr	0.00	75	0	N.D.		
47) C284 Ethyl Methacrylate	6.02	69	434	N.D.		
48) C160 1,1,2-Trichloroethan	0.00	83	0	N.D.		
49) C210 4-Methyl-2-pentanone	5.45	43	1348	N.D.		
50) C220 Tetrachloroethene	0.00	166	0	N.D.		
51) C221 1,3-Dichloropropane	0.00	76	0	N.D.		
52) C155 Dibromochloromethane	0.00	129	0	N.D.		
53) C163 1,2-Dibromoethane	0.00	107	0	N.D.		
54) C215 2-Hexanone	6.29	43	834	N.D.		
55) C235 Chlorobenzene	7.02	112	611493	185.88	ng	97
56) C281 1,1,1,2-Tetrachloroe	0.00	131	0	N.D.		
57) C240 Ethylbenzene	7.25	91	1920	N.D.		
58) C246 m,p-Xylene	7.25	106	362	N.D.		
59) C247 o-Xylene	0.00	106	0	N.D.		
60) C245 Styrene	0.00	104	0	N.D.		
61) C180 Bromoform	0.00	173	0	N.D.		
64) C966 Isopropylbenzene	0.00	105	0	N.D.		
65) C301 Bromobenzene	0.00	156	0	N.D.		
66) C225 1,1,2,2-Tetrachloroe	8.35	83	147	N.D.		
67) C282 1,2,3-Trichloropropa	0.00	110	0	N.D.		
68) C283 t-1,4-Dichloro-2-But	8.32	53	131	N.D.		
69) C302 n-Propylbenzene	8.52	91	1764	N.D.		
70) C303 O 2-Chlorotoluene	0.00	126	0	N.D.		
71) C289 P 4-Chlorotoluene	8.80	126	354	N.D.		
72) C304 1,3,5-Trimethylbenze	0.00	105	0	N.D.		
73) C306 tert-Butylbenzene	0.00	134	0	N.D.		
74) C307 1,2,4-Trimethylbenze	9.08	105	1540	N.D.		
75) C308 sec-Butylbenzene	9.08	105	1540	N.D.		
76) C260 1,3-Dichlorobenzene	9.46	146	1363	N.D.		
77) C309 p-Cymene (4-Isopropy	0.00	119	0	N.D.		
78) C267 1,4-Dichlorobenzene	9.46	146	1363	N.D.		
79) C249 1,2-Dichlorobenzene	0.00	146	0	N.D.		
80) C310 n-Butylbenzene	9.81	91	694	N.D.		
81) C286 1,2-Dibromo-3-Chloro	10.54	75	2816	12.47	ng	# 1
82) C313 1,2,4-Trichlorobenze	0.00	180	0	N.D.		
83) C316 Hexachlorobutadiene	0.00	225	0	N.D.		
84) C314 Naphthalene	11.45	128	5338	N.D.		
85) C934 1,2,3-Trichlorobenze	0.00	180	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7595	A8759501				TCL VOAS		8.19	6.66	6.89	5.36	77.79	N
A08-7595	A8759501		07/01/2008		TCL VOAS	1.30						N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7691	A8769101		07/03/2008	SW	TCL VOAS	1.28	10.38	8.53	9.10	7.25	79.67	N
A08-7691	A8769102		07/03/2008	SW	TCL VOAS	1.29	13.03	9.10	11.74	7.81	66.52	N
A08-7691	A8769103		07/03/2008	SW	TCL VOAS	1.30	10.67	9.36	9.37	8.06	86.02	N
A08-7691	A8769104		07/03/2008	SW	TCL VOAS	1.25	16.21	13.50	14.96	12.25	81.89	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7988	A8798801		07/08/2008	SW	TCL VOAS	1.29	7.73	7.08	6.44	5.79	89.91	N
A08-7988	A8798802		07/08/2008	SW	TCL VOAS	1.27	7.37	6.23	6.10	4.96	81.31	N
A08-7988	A8798803		07/08/2008	SW	TCL VOAS	1.30	11.63	9.75	10.33	8.45	81.80	N
A08-7988	A8798804		07/08/2008	SW	TCL VOAS	1.30	11.44	9.80	10.14	8.50	83.83	N
A08-7988	A8798805		07/08/2008	SW	TCL VOAS	1.29	12.36	10.15	11.07	8.86	80.04	N
A08-7988	A8798805MS		07/08/2008	SW	TCL VOAS	1.29	12.36	10.15	11.07	8.86	80.04	N
A08-7988	A8798805SD		07/08/2008	SW	TCL VOAS	1.29	12.36	10.15	11.07	8.86	80.04	N

VOLATILE SOIL WEIGHT LOG

Logbook #: A08-02-07

683/4151

Initials	Date Prepared (& removed from cooler)	Time Prepared (Encores Only)	Job #	Sample ID	Weight	GV MV	Low Level	Medium Level	MeOH Lot#	Surrogate ID	Surrogate Volume Added (ml)	Spike ID	Spike Volume Added (ml)	Comments
J.W.	6/26/08	-	7490	01	5.01	X	X							
J.R.	6/27/08	-	7595	01	5.30									
			7582	09	5.09									
				10	5.00									
				11	5.20									
				12	5.02									
				13	5.06									
			7594	01	5.30									
				02	5.11									
				03	5.12									
				04	5.25									
			7601	01	5.13									
				01MS	5.20									
				01SD	5.30									
J.W.	6/27/08	-	7474	01	4.21				C0001	VOL5914	100µL			8015B
				01MS	3.99							100µL	VOL555F	
			QC	MSB	4.14									
				1B1K	4.26									
J.W.	06/27/08	-	69781 60781 540612108	01	2.96									

VOLATILE SOIL WEIGHT LOG

Logbook #: A08-02-07

Initials	Date Prepared (& removed from cooler)	Time Prepared (Encores Only)	Job #	Sample ID	Weight	GV	MV	Low Level	Medium Level	MeOH Lot#	Surrogate ID	Surrogate Volume Added (ml)	Spike ID	Spike Volume Added (ml)	Comments
JLL	06/30/08		7687	06	5.11	X	X	X							
			7694	01	5.09										
				02	5.13										
				03	5.01										
				04	5.08										
				05	5.01										
				06	5.13										
				07	5.01										
				08	5.17										
J.R.	7/1/08		7691	01	5.02										
				02	5.12										
				03	5.21										
				04	5.02										
J.R.	7/1/08		7692												
J.R.	7/1/08		7699	01	10.03										
				02	10.19										
				03	10.10										
				03ms	10.10										
				MSB	10.00										
				VBK	10.16										

684/4151

Date: 7/1/08

000069

Reviewed By: [Signature]

VOLATILE SOIL WEIGHT LOG

Logbook #: A08-02-07

Initials	Date Prepared (& removed from cooler)	Time Prepared (Encores Only)	Job #	Sample ID	Weight	GV	MV	Low Level	Medium Level	MeOH Lot#	Surrogate ID	Surrogate Volume Added (ml)	Spike ID	Spike Volume Added (ml)	Comments
ND	7-208	7	7165	17	5.97	X	X	X	X	7	7	7	7	7	ELPASO
				18	5.85					7	7	7			
				19	6.48					7	7	7			
				20	5.86					7	7	7			
	07/03/08		6871	01	5.00	X	X	X	X						
			7987	01	5.02										
				02	5.06										
				03	5.14										
				04	5.04										
				05	5.04										
				06	5.07										
				07	5.12										
				07MS	5.07										
				07SO	5.01										
			7988	01	5.18										
				02	5.19										
				03	5.16										
				04	5.17										
				05	5.09										
				05MS	5.17										

685/4151

Date: 7/2/08

000072

VOLATILE SOIL WEIGHT LOG

Logbook #: A08-02-07

Initials	Date Prepared (& removed from cooler)	Time Prepared (Encores Only)	Job #	Sample ID	Weight	GV MV	Low Level	Medium Level	MeOH Lot#	Surrogate ID	Surrogate Volume Added (ml)	Spike Volume Added (ml)	Comments
JL	07/03/08		7988	0550	5.15	X	X						
			7940	01	5.15								
				01MS	5.17								
				01S0	5.06								
				02	5.18								
				03	5.04								
				04	5.12								
J.R.	7/7/08		7940	01MS	5.03								
				01S0	5.06								
			7971	01	5.11				CW001	VOC5506	100ML		8021
				02	5.12								
			7891	01	5.15								
				01MS	5.30								
				V81K	5.19								
				MSB	5.10								
J.R.	7/8/08		7982	01	5.04				CW001	VOC5506	100ML		8021
				V81K	5.02								
				MSB	5.13								
				01MS	5.00								
J.R.	7/8/08		7982	01	5.09				CW001				

686/4151

Date: 7/11/08

000073

DAI

Test America Buffalo
 Medium Level Volatile Soil Weight Logbook
 Logbook # A08-01-08

Initials	Date Prepared (& removed from cooler)	Time Prepared (Encores Only)	Job #	Sample ID	Weight	GV	MV	Medium Level	ML Count	MeOH Lot#	Surrogate ID	Surrogate Volume Added (ml)	Spike ID	Spike Volume Added (ml)	Comments
ND	6-26-08	7	7321	10	4.01		X	X	11	CW 01	SS10 UZ-2	1.0m	X	X	
			6969	06	4.01				12						
				09	4.19				13						
				10	4.02				14						
JW	6/30/08	A (low 4/30/08)	QC	MSB	4.10		Q	Q	/	CW00	SS10 UZ-2	1.0	WS3 AH-1	1.0	
				VBK	4.00		Q	Q	/						
			7020	01	4.08		Q	Q	15						
J.R.	7/1/08		7020	01	2.00		Q	Q	15						Pres no 200
J.R.	7/1/08		7691	04	4.30				16	CW00	SS10 UZ-2	1.0			
			7692	01	4.34				17						
				02	4.18				18						
				03	4.08				19						
			QC	MSB	4.09				20				WS3 AH-1	1.0	
				VBK	4.04				/						
					4.09				/						
JL	07/01/08		7173	01	5.99		X	X							
				02	4.44										
				03	5.61										
				04	6.42										
				08	5.79										
				09	6.19										
				10	5.82										
				13	6.06										
				14	6.23		X	X							

Reviewed By: _____ Date: _____

GC/MS VOLATILE INJECTION LOG
Logbook # A08-02-03
IS/SS MIX #

STD #	Method	pH <2	Comments
WS1A2-3			PAS
WS2 AH-3, WS2 AS-5	WS16 FL/WS		82609/1000 (ABE... 0.325)
WS6 AH-3, WS6 AH-13, WS6 WS13, AS-3			(8)
WS19 AS-3, WS19 AT-10			(19)
WS6 AH-13, WS19 AH-13, WS19 AS-3			(19)
WS19 AS-3			
WS6 AH-13, WS19 AH-13, WS19 AS-3	WS16 FL/WS		PMT
WS19 AS-3, WS19 AT-10			
			82609/1000 (ABE... 0.447)

REVIEWED BY _____ PAGE 93/150

GC/MS VOLATILE INJECTION LOG
Logbook # A08-02-03
Sample ID

Date	Time	Analyst	File #	PC	Job #	Int.	Vol.	Ext.	Wt.	D.F.
06/15/08	2:35	JVA	F2923							
	2:43		F2924							
	2:48		F2925							
	2:53		F2926							
	2:58		F2927							
	3:04		F2928							
06/15/08	0:20	JVA	F2929							
			F2930							
	0:24		F2931							
	0:30		F2932							
	0:37		F2933							
	0:56		F2934							
	0:46		F2935							
	0:47		F2936							
	0:52		F2937							

REVIEWED BY _____ PAGE 92/150

GC/MS VOLATILE INJECTION LOG

Logbook # A08-02-03

ISISS MIX #

STD #

Ref: pH <2

Comments

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Vol.	D.F.	Comments
06/25/08	19:07	JH	F2961	A8694701	6949	5.00	5.14	-	
06/26/08	08:18	KA	F2962	0626BFBFI	7	5.00	-	-	PAIS
	08:41		F2963	VSTD050					8260 (A8E...0477)
	09:21		F2964	ADP050					ADD (A8E...0325)
	09:46		F2965	MSB(FWL)					
	10:18		F2966	VPMK38					
	10:46		F2967	A8753901	7539				
	11:12		F2968	A8747601	7476				
	11:37		F2969	02					
	12:03		F2970	A8748901	7489				
	12:29		F2971	02					
	12:54		F2972	03					
	13:19		F2973	A8712901	7129				
	13:45		F2974	02					
	14:10		F2975	03					
	14:36		F2976	04					
	15:02		F2977	05					
	15:27		F2978	06					
	15:53		F2979	A8749001	7490				
06/27/08	19:06	JH	F2980	0627BFBFI	QC	5.00	5.01	-	PAIS
	19:33		F2981	A8694701					8260 (A8E...0325)
	19:58		F2982	VSTD050					ADD VC ↓
	20:24		F2983	VSTD050					8260 (A8E...0477)
	20:50		F2984	V80439					
	21:57		F2985	MOR FVII					
	22:16		F2986	A8687101	6871				
	22:42		F2987	A8759501	7595				
	23:07		F2988	A8758209	7582				
	23:33		F2989	10					
	23:58		F2990	11					
06/28/08	02:24		F2991	12					
	04:19		F2992	13					
	04:15		F2993	A8759401	7594				
	04:46		F2994	02					
	04:46		F2995	03					
	04:32		F2996	04					
	04:57		F2997	05					
	03:23		F2998	A8760101	7601				

GC/MS VOLATILE INJECTION LOG

Logbook # A08-02-03

Sample ID

File #

Job#

Inj. Vol.

Ext. Vol.

D.F.

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Vol.	D.F.	Comments
06/25/08	19:07	JH	F2961	A8694701	6949	5.00	5.14	-	
06/26/08	08:18	KA	F2962	0626BFBFI	7	5.00	-	-	PAIS
	08:41		F2963	VSTD050					8260 (A8E...0477)
	09:21		F2964	ADP050					ADD (A8E...0325)
	09:46		F2965	MSB(FWL)					
	10:18		F2966	VPMK38					
	10:46		F2967	A8753901	7539				
	11:12		F2968	A8747601	7476				
	11:37		F2969	02					
	12:03		F2970	A8748901	7489				
	12:29		F2971	02					
	12:54		F2972	03					
	13:19		F2973	A8712901	7129				
	13:45		F2974	02					
	14:10		F2975	03					
	14:36		F2976	04					
	15:02		F2977	05					
	15:27		F2978	06					
	15:53		F2979	A8749001	7490				
06/27/08	19:06	JH	F2980	0627BFBFI	QC	5.00	5.01	-	PAIS
	19:33		F2981	A8694701					8260 (A8E...0325)
	19:58		F2982	VSTD050					ADD VC ↓
	20:24		F2983	VSTD050					8260 (A8E...0477)
	20:50		F2984	V80439					
	21:57		F2985	MOR FVII					
	22:16		F2986	A8687101	6871				
	22:42		F2987	A8759501	7595				
	23:07		F2988	A8758209	7582				
	23:33		F2989	10					
	23:58		F2990	11					
06/28/08	02:24		F2991	12					
	04:19		F2992	13					
	04:15		F2993	A8759401	7594				
	04:46		F2994	02					
	04:46		F2995	03					
	04:32		F2996	04					
	04:57		F2997	05					
	03:23		F2998	A8760101	7601				

GC/MS VOLATILE INJECTION LOG
Logbook # A08-02-03

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.	Comments
06/28/08	0348	306	F2999	A8760101M1	7601	5.00	5.20	1	
	0414		F3000	0100		1.41	5.30		
06/30/08	2022	306	F3001	0630BF8F1	00				
	2050		F3002	A00050		5.00	5.00		
	2115		F3003	VSTP050					
	2141		F3004	MSB Full					
	2207		F3005	VB0640					
	2253		F3006	A8716401	7164		5.03		
	2314		F3007	02			5.00		
	2345		F3008	03			5.20		
	0010		F3009	04			5.17		
7/1/08	0036		F3010	05			5.08		
	0101		F3011	06			5.07		
	0127		F3012	A8768701	7687		5.00		
	0152		F3013	02			5.08		
	0218		F3014	0201			5.00		
	0244		F3015	0205			5.14		
	0309		F3016	03			5.06		
	0335		F3017	04			5.04		
	0400		F3018	05			5.09		
	0426		F3019	06			5.11		
	0451		F3020	A8769401	7694		5.09		
	0517		F3021	02			5.13		
	0542		F3022	03			5.01		
	0608		F3023	04			5.08		
	0633		F3024	05			5.01		
	0659		F3025	06			5.13		
	0725		F3026	02			5.01		
	0750		F3027	08			5.17		
7/1/08	0807	HA	F3028	0701B8F1		5.00			
	0832		F3029	VSTP050			5.00		
	0902		F3030	A00050					
	0927		F3031	MSB (GMM)					
	0953		F3032	VSTP050					
	1018		F3033	VSTP050					
	1049		F3034	A8769101	7691		5.02		
	1114		F3035	02			5.12		
	1140		F3036	03			5.21		

GC/MS VOLATILE INJECTION LOG
Logbook # A08-02-03

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.	Comments
06/28/08	0348	306	F2999	A8760101M1	7601	5.00	5.20	1	
	0414		F3000	0100		1.41	5.30		
06/30/08	2022	306	F3001	0630BF8F1	00				
	2050		F3002	A00050		5.00	5.00		
	2115		F3003	VSTP050					
	2141		F3004	MSB Full					
	2207		F3005	VB0640					
	2253		F3006	A8716401	7164		5.03		
	2314		F3007	02			5.00		
	2345		F3008	03			5.20		
	0010		F3009	04			5.17		
7/1/08	0036		F3010	05			5.08		
	0101		F3011	06			5.07		
	0127		F3012	A8768701	7687		5.00		
	0152		F3013	02			5.08		
	0218		F3014	0201			5.00		
	0244		F3015	0205			5.14		
	0309		F3016	03			5.06		
	0335		F3017	04			5.04		
	0400		F3018	05			5.09		
	0426		F3019	06			5.11		
	0451		F3020	A8769401	7694		5.09		
	0517		F3021	02			5.13		
	0542		F3022	03			5.01		
	0608		F3023	04			5.08		
	0633		F3024	05			5.01		
	0659		F3025	06			5.13		
	0725		F3026	02			5.01		
	0750		F3027	08			5.17		
7/1/08	0807	HA	F3028	0701B8F1		5.00			
	0832		F3029	VSTP050			5.00		
	0902		F3030	A00050					
	0927		F3031	MSB (GMM)					
	0953		F3032	VSTP050					
	1018		F3033	VSTP050					
	1049		F3034	A8769101	7691		5.02		
	1114		F3035	02			5.12		
	1140		F3036	03			5.21		

GC/MS VOLATILE INJECTION LOG

Logbook # A07-10-08

Job#

Int. Vol.

Ext. Vol.

D.F.

Sample ID

File #

Analyst

Time

Date

Date	Time	Analyst	File #	Sample ID	Job#	Int. Vol.	Ext. Vol.	D.F.
6/1/08	1421	JMS	P8265	0607CFBPI	GC	Ltd		
			P8266	V5TD001	ICAL	Std		
			P8267	V5TD010				
			P8268	V5TD025				
			P8269	V5TD050				
			P8270	V5TD100				
			P8271	V5TD001				
			P8272	M50 SCAL CHK	QC			
6/1/08	1800	JMS	P8273	0610CFBPI	QC	Ltd		
			P8294	Abb001	Std			
			P8225	Abb001				
			P8226	Abb010				
			P8227	Abb025				
			P8228	Abb050				
			P8229	Abb100				
			P8230	Abb1				
			P8231	V5TD001				
			P8232	V5TD010				
			P8281	V5TD050				
			P8282	V5TD100				
			P8283	V5TD050				
			P8284	V5TD100				
			P8285	Abb1				
			P8286	V5TD050				
			P8287	Abb1				
			P8288	V5TD050				

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GC/MS VOLATILE INJECTION LOG

Logbook # A07-10-08

Job#

Int. Vol.

Ext. Vol.

D.F.

Sample ID

File #

Analyst

Time

Date

STD #

SSS Max #

Notes

pH <2

Comments

STD #	SSS Max #	Notes	pH <2	Comments
W51AF-2	8850MM			Pass
W516AC-8	W516AC-8			ABJ-D4R5 8260 Std
W517AB-10	W517AB-10			
W518AC-8	W518AC-8			
W519AB-10	W519AB-10			ABJ-D4R5 8260 Std
W519AC-8	W519AC-8			
W519AB-10	W519AB-10			
W519AC-8	W519AC-8			8260 Std (AGE... 0123)
W519AB-10	W519AB-10			
W519AC-8	W519AC-8			
W519AB-10	W519AB-10			8260 Std (AGE... 0123)
W519AC-8	W519AC-8			
W519AB-10	W519AB-10			

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PAGE

8270 Semivolatiles

QC Summary

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	2FP %REC #	FBP %REC #	NBZ %REC #	PHL %REC #	TBP %REC #	TPH %REC #			TOT OUT
1	SB-002/6-8	A8798803	49	53	44	45	69	58			0
2	SB-018/4-6	A8798804	95	119	108	113	150 *	145 *			2
3	SB-018/4-6	A8798804RI	20 *	9 *	10 *	84	88	60			3
4	SB-036/7.5-8(ROC)	A8759501	75	95	84	76	70	67			0
5	SB-050/0-1(ROC)	A8769101	62	65	58	61	66	72			0
6	SB-050/6-8	A8769102	70	65	65	67	72	76			0
7	SB-052/0-1(ROC)	A8769103	48	59	50	53	69	74			0
8	SB-052/6-8(ROC)	A8769104	66	101	76	76	78	86			0
9	SB-070/6-7.5	A8798805	100	119	108	119	142 *	139 *			2
10	SB-070/6-7.5	A8798805AF	0 *	30 *	1750 *	0 *	88	72			4
11	SB-070/6-7.5	A8798805AH	0 *	33 *	29 *	0 *	81	65			4
12	SB-070/6-7.5	A8798805MS	30	99	73	49	143 *	134 *			2
13	SB-070/6-7.5	A8798805RI	97	34 *	36	276 *	85	57			2
14	SB-070/6-7.5	A8798805SD	39	107	76	59	156 *	146 *			2
15	SB-51/0-1(ROC)	A8798801	57	64	57	54	77	62			0
16	SB-53/0-1(ROC)	A8798802	111	120	96	100	131 *	105			1
17	SB-53/0-1(ROC)	A8798802RI	12 *	41 *	10 *	28 *	52	39 *			5
18	SBLK03	A8B1807903	65	76	72	74	75	87			0
19	SBLK109	A8B1833902	59	73	67	67	79	90			0
20	SBLK109 RI	A8798812	39	55	76	449 *	88	63			1
21	SBLK33	A8B1800702	49	66	54	50	81	73			0
22	SMSB03	A8B1807901	67	79	78	78	83	88			0
23	SMSB109	A8B1833901	64	84	79	77	94	83			0
24	SMSB109 RI	A8798811	298 *	74	71	527 *	97	76			2
25	SMSB33	A8B1800701	53	75	62	56	95	69			0
26	SMSBD03	A8B1807902	69	82	81	80	85	91			0

QC LIMITS

2FP	= 2-Fluorophenol	(30-120)
FBP	= 2-Fluorobiphenyl	(43-120)
NBZ	= Nitrobenzene-D5	(35-120)
PHL	= Phenol-D5	(36-120)
TBP	= 2,4,6-Tribromophenol	(46-129)
TPH	= p-Terphenyl-d14	(51-125)

- # Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1800702

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SBLK33 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3281	2336	71	36 - 110
2-Chlorophenol	3281	2258	69	38 - 104
N-Nitroso-Di-n-propyl (1)	3281	2597	79	46 - 120
4-Chloro-3-methylphenol	3281	2788	85	49 - 125
Acenaphthene	3281	3124	95	53 - 119
4-Nitrophenol	3281	3389	103	44 - 137
2,4-Dinitrotoluene	3281	3275	100	55 - 125
Pentachlorophenol	3281	2724	83	33 - 136
Pyrene	3281	2755	84	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

LABELLA ASSOCIATES

LABELLA ASSOCIATES

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc.

Contract: _____

Lab Samp ID: A8B1807903Lab Code: RECNV

Case No.: _____

SAS No.: _____

SDG No.: 7595Matrix Spike - Client Sample No.: SBLK03Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3318	2464	74	36 - 110
2-Chlorophenol	3318	2549	77	38 - 104
N-Nitroso-Di-n-propyl (1)	3318	2855	86	46 - 120
4-Chloro-3-methylphenol	3318	2940	89	49 - 125
Acenaphthene	3318	3104	94	53 - 119
4-Nitrophenol	3318	2828	85	44 - 137
2,4-Dinitrotoluene	3318	2933	88	55 - 125
Pentachlorophenol	3318	1904	57	33 - 136
Pyrene	3318	3456	104	51 - 133

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	3318	2401	72	3	25	36 - 110
2-Chlorophenol	3318	2441	74	4	26	38 - 104
N-Nitroso-Di-n-propylami	3318	2751	83	4	20	46 - 120
4-Chloro-3-methylphenol	3318	3020	91	2	20	49 - 125
Acenaphthene	3318	3126	94	0	16	53 - 119
4-Nitrophenol	3318	2807	85	0	25	44 - 137
2,4-Dinitrotoluene	3318	2955	89	1	19	55 - 125
Pentachlorophenol	3318	2179	66	15	27	33 - 136
Pyrene	3318	3520	106	2	25	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: ____0 out of ____9 outside limits

Spike recovery: ____0 out of ____18 outside limits

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1833902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SBLK109 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3278	2576	78	36 - 110
2-Chlorophenol	3278	2369	72	38 - 104
N-Nitroso-Di-n-propyl (1)	3278	2891	88	46 - 120
4-Chloro-3-methylphenol	3278	3262	99	49 - 125
Acenaphthene	3278	3201	98	53 - 119
4-Nitrophenol	3278	3019	92	44 - 137
2,4-Dinitrotoluene	3278	3342	102	55 - 125
Pentachlorophenol	3278	2692	82	33 - 136
Pyrene	3278	3306	101	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 9 outside limits

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8798812

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SBLK109 RI Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.
Phenol	3278	16264	496 *	36 - 110
2-Chlorophenol	3278	14296	436 *	38 - 104
N-Nitroso-Di-n-propyl (1)	3278	20023	611 *	46 - 120
4-Chloro-3-methylphenol	3278	3724	114	49 - 125
Acenaphthene	3278	2667	81	53 - 119
4-Nitrophenol	3278	3232	98	44 - 137
2,4-Dinitrotoluene	3278	3150	96	55 - 125
Pentachlorophenol	3278	3427	104	33 - 136
Pyrene	3278	2907	89	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 3 out of 9 outside limits

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8798805

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SB-070/6-7.5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Phenol	4253	0	2205	52	36 - 110
2-Chlorophenol	4253	0	2744	64	38 - 104
N-Nitroso-Di-n-propyl (1)	4253	0	3919	92	46 - 120
4-Chloro-3-methylphenol	4253	0	6541	154 *	49 - 125
Acenaphthene	4253	0	5482	129 *	53 - 119
4-Nitrophenol	4253	0	7286	171 *	44 - 137
2,4-Dinitrotoluene	4253	0	7433	175 *	55 - 125
Pentachlorophenol	4253	0	8418	198 *	33 - 136
Pyrene	4253	0	7098	167 *	51 - 133

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS REC.	
Phenol	4194	2712	65	22	25	36 - 110
2-Chlorophenol	4194	3086	74	14	26	38 - 104
N-Nitroso-Di-n-propyl (1)	4194	4437	106	14	20	46 - 120
4-Chloro-3-methylphenol	4194	6914	165 *	7	20	49 - 125
Acenaphthene	4194	5887	140 *	8	16	53 - 119
4-Nitrophenol	4194	7941	189 *	10	25	44 - 137
2,4-Dinitrotoluene	4194	7749	185 *	6	19	55 - 125
Pentachlorophenol	4194	9119	217 *	9	27	33 - 136
Pyrene	4194	7867	188 *	12	25	51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 9 outside limits

Spike recovery: 12 out of 18 outside limits

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SOIL MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8798805RI

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: SB-070/6-7.5 Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	SAMPLE CONCENTRATION UG/KG	MS CONCENTRATION UG/KG	MS % REC #	QC LIMITS REC.
Phenol	4253	0	0	0 *	36 - 110
2-Chlorophenol	4253	0	0	0 *	38 - 104
N-Nitroso-Di-n-propyl (1)	4253	0	0	0 *	46 - 120
4-Chloro-3-methylphenol	4253	0	75934	1780 *	49 - 125
Acenaphthene	4253	0	2759	65	53 - 119
4-Nitrophenol	4253	0	4746	112	44 - 137
2,4-Dinitrotoluene	4253	0	4490	106	55 - 125
Pentachlorophenol	4253	0	4147	97	33 - 136
Pyrene	4253	0	3253	76	51 - 133

COMPOUND	SPIKE ADDED UG/KG	MSD CONCENTRATION UG/KG	MSD % REC #	% RPD #	QC LIMITS RPD REC.
Phenol	4194	0	0 *	0	25 36 - 110
2-Chlorophenol	4194	0	0 *	0	26 38 - 104
N-Nitroso-Di-n-propyl (1)	4194	0	0 *	0	20 46 - 120
4-Chloro-3-methylphenol	4194	201561	4800 *	92 *	20 49 - 125
Acenaphthene	4194	2963	71	9	16 53 - 119
4-Nitrophenol	4194	5331	127	12	25 44 - 137
2,4-Dinitrotoluene	4194	5122	122	14	19 55 - 125
Pentachlorophenol	4194	4425	106	9	27 33 - 136
Pyrene	4194	3640	87	13	25 51 - 133

(1) N-Nitroso-Di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 9 outside limits

Spike recovery: 8 out of 18 outside limits

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

SBLK33

Lab Name: TestAmerica Laboratories Inc. Contract: _____
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595
 Lab File ID: X24762.RR Lab Sample ID: A8B1800702
 Instrument ID: HP5973X Date Extracted: 06/30/2008
 Matrix: (soil/water) SOIL Date Analyzed: 07/01/2008
 Level: (low/med) LOW Time Analyzed: 11:45

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
1	SB-036/7.5-8 (ROC)	A8759501	X24776.RR	07/01/2008
2	SMSB33	A8B1800701	X24761.RR	07/01/2008

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

SBLK03

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: W24839.RR Lab Sample ID: A8B1807903

Instrument ID: HP5973W Date Extracted: 07/01/2008

Matrix: (soil/water) SOIL Date Analyzed: 07/02/2008

Level: (low/med) LOW Time Analyzed: 18:19

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
1	SB-050/0-1 (ROC)	A8769101	W24840.RR	07/02/2008
2	SB-050/6-8	A8769102	W24841.RR	07/02/2008
3	SB-052/0-1 (ROC)	A8769103	W24842.RR	07/02/2008
4	SB-052/6-8 (ROC)	A8769104	W24843.RR	07/02/2008
5	SMSB03	A8B1807901	W24837.RR	07/02/2008
6	SMSBD03	A8B1807902	W24838.RR	07/02/2008

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

SBLK109

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: W24902.RR Lab Sample ID: A8B1833902

Instrument ID: HP5973W Date Extracted: 07/07/2008

Matrix: (soil/water) SOIL Date Analyzed: 07/08/2008

Level: (low/med) LOW Time Analyzed: 16:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
1	SB-002/6-8	A8798803	W24913.RR	07/08/2008
2	SB-018/4-6	A8798804	W24992.RR	07/11/2008
3	SB-070/6-7.5	A8798805	W24993.RR	07/11/2008
4	SB-070/6-7.5	A8798805MS	W24994.RR	07/11/2008
5	SB-070/6-7.5	A8798805SD	W24995.RR	07/11/2008
6	SB-51/0-1 (ROC)	A8798801	W24911.RR	07/08/2008
7	SB-53/0-1 (ROC)	A8798802	W24991.RR	07/11/2008
8	SMSB109	A8B1833901	W24901.RR	07/08/2008

Comments: _____

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 METHOD BLANK SUMMARY

Client No.

SBLK109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID: X25516.RR Lab Sample ID: A8798812

Instrument ID: HP5973X Date Extracted: 07/07/2008

Matrix: (soil/water) SOIL Date Analyzed: 08/05/2008

Level: (low/med) LOW Time Analyzed: 05:19

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
1	SB-018/4-6	A8798804RI	X25518.RR	08/05/2008
2	SB-070/6-7.5	A8798805AF	X25521.RR	08/05/2008
3	SB-070/6-7.5	A8798805AH	X25520.RR	08/05/2008
4	SB-070/6-7.5	A8798805RI	X25519.RR	08/05/2008
5	SB-53/0-1 (ROC)	A8798802RI	X25517.RR	08/05/2008
6	SMSB109 RI	A8798811	X25515.RR	08/05/2008

Comments: _____

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001796Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: W24536 DFTPP Injection Date: 06/23/2008Instrument ID: HP5973W DFTPP Injection Time: 09:03

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	37.7
68	Less than 2.0% of mass 69	0.4 (1.1) 1
69	Present	33.0
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	40.0 - 60.0% of mass 198	48.1
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	7.1
275	10.0 - 30.0% of mass 198	23.4
365	Greater than 1.00% of mass 198	3.0
441	Present, but less than mass 443	9.4
442	40.0 - 110.0% of mass 198	66.6
443	17.0 - 23.0% of mass 442	13.5 (20.2) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000469-1	W24537.RR	06/23/2008	09:20
2	SSTD020	A8I0000469-1	W24538.RR	06/23/2008	09:43
3	SSTD050	A8I0000469-1	W24539.RR	06/23/2008	10:06
4	SSTD080	A8I0000469-1	W24540.RR	06/23/2008	10:29
5	SSTD120	A8I0000469-1	W24541.RR	06/23/2008	10:52
6	SSTD160	A8I0000469-1	W24542.RR	06/23/2008	11:15
7	SSTD005	A8I0000469-2	W24544.RR	06/23/2008	12:24
8	SSTD020	A8I0000469-2	W24545.RR	06/23/2008	12:47
9	SSTD050	A8I0000469-2	W24546.RR	06/23/2008	13:10
10	SSTD080	A8I0000469-2	W24547.RR	06/23/2008	13:33
11	SSTD120	A8I0000469-2	W24548.RR	06/23/2008	13:56
12	SSTD160	A8I0000469-2	W24549.RR	06/23/2008	14:19

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001918Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: W24813 DFTPP Injection Date: 07/02/2008Instrument ID: HP5973W DFTPP Injection Time: 08:48

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	40.6
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Present	35.1
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	40.0 - 60.0% of mass 198	48.8
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	24.9
365	Greater than 1.00% of mass 198	2.8
441	Present, but less than mass 443	9.1
442	40.0 - 110.0% of mass 198	67.6
443	17.0 - 23.0% of mass 442	13.2 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0001615-1	W24815.RR	07/02/2008	09:24
2	SSTD050	A8C0001615-2	W24816.RR	07/02/2008	09:47
3	SMSB03	A8B1807901	W24837.RR	07/02/2008	17:33
4	SMSBD03	A8B1807902	W24838.RR	07/02/2008	17:56
5	SBLK03	A8B1807903	W24839.RR	07/02/2008	18:19
6	SB-050/0-1(ROC)	A8769101	W24840.RR	07/02/2008	18:42
7	SB-050/6-8	A8769102	W24841.RR	07/02/2008	19:05
8	SB-052/0-1(ROC)	A8769103	W24842.RR	07/02/2008	19:28
9	SB-052/6-8(ROC)	A8769104	W24843.RR	07/02/2008	19:51

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001981Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: W24887 DFTPP Injection Date: 07/08/2008Instrument ID: HP5973W DFTPP Injection Time: 09:16

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	42.9
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Present	37.1
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	40.0 - 60.0% of mass 198	52.7
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	24.5
365	Greater than 1.00% of mass 198	2.5
441	Present, but less than mass 443	9.3
442	40.0 - 110.0% of mass 198	57.6
443	17.0 - 23.0% of mass 442	11.6 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0001672-1	W24888.RR	07/08/2008	11:23
2	SSTD050	A8C0001672-2	W24889.RR	07/08/2008	11:46
3	SMSB109	A8B1833901	W24901.RR	07/08/2008	16:24
4	SBLK109	A8B1833902	W24902.RR	07/08/2008	16:47
5	SB-51/0-1 (ROC)	A8798801	W24911.RR	07/08/2008	20:14
6	SB-002/6-8	A8798803	W24913.RR	07/08/2008	21:00

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0002025Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: W24950 DFTPP Injection Date: 07/10/2008Instrument ID: HP5973W DFTPP Injection Time: 12:08

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	41.0
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Present	34.9
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	40.0 - 60.0% of mass 198	51.1
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	25.0
365	Greater than 1.00% of mass 198	3.5
441	Present, but less than mass 443	11.1
442	40.0 - 110.0% of mass 198	68.6
443	17.0 - 23.0% of mass 442	13.0 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000516-1	W24953.RR	07/10/2008	13:21
2	SSTD020	A8I0000516-1	W24954.RR	07/10/2008	13:44
3	SSTD050	A8I0000516-1	W24955.RR	07/10/2008	14:07
4	SSTD080	A8I0000516-1	W24956.RR	07/10/2008	14:30
5	SSTD120	A8I0000516-1	W24957.RR	07/10/2008	15:18
6	SSTD160	A8I0000516-1	W24958.RR	07/10/2008	15:41

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0002036Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: W24975 DFTPP Injection Date: 07/11/2008Instrument ID: HP5973W DFTPP Injection Time: 10:13

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	41.2
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Present	37.9
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	40.0 - 60.0% of mass 198	51.3
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	24.9
365	Greater than 1.00% of mass 198	2.9
441	Present, but less than mass 443	9.8
442	40.0 - 110.0% of mass 198	67.0
443	17.0 - 23.0% of mass 442	12.7 (19.0) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0001738-1	W24976.RR	07/11/2008	11:28
2	SSTD050	A8C0001738-2	W24977.RR	07/11/2008	11:51
3	SB-53/0-1 (ROC)	A8798802	W24991.RR	07/11/2008	18:09
4	SB-018/4-6	A8798804	W24992.RR	07/11/2008	18:32
5	SB-070/6-7.5	A8798805	W24993.RR	07/11/2008	18:55
6	SB-070/6-7.5	A8798805MS	W24994.RR	07/11/2008	19:18
7	SB-070/6-7.5	A8798805SD	W24995.RR	07/11/2008	19:41

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001435Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: X23948 DFTPP Injection Date: 05/22/2008Instrument ID: HP5973X DFTPP Injection Time: 14:23

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	36.8
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Present	41.4
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	40.0 - 60.0% of mass 198	49.3
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	26.3
365	Greater than 1.00% of mass 198	2.9
441	Present, but less than mass 443	9.1
442	40.0 - 110.0% of mass 198	69.0
443	17.0 - 23.0% of mass 442	13.6 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000363-1	X23956.RR	05/22/2008	17:19
2	SSTD020	A8I0000363-1	X23957.RR	05/22/2008	17:42
3	SSTD050	A8I0000363-1	X23958.RR	05/22/2008	18:05
4	SSTD080	A8I0000363-1	X23959.RR	05/22/2008	18:28
5	SSTD120	A8I0000363-1	X23960.RR	05/22/2008	18:51
6	SSTD160	A8I0000363-1	X23961.RR	05/22/2008	19:13

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001544Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: X24142 DFTPP Injection Date: 06/03/2008Instrument ID: HP5973X DFTPP Injection Time: 07:35

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	30.2
68	Less than 2.0% of mass 69	0.4 (1.0) 1
69	Present	36.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	40.0 - 60.0% of mass 198	48.1
197	Less than 1.0% of mass 198	0.1
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	26.0
365	Greater than 1.00% of mass 198	3.0
441	Present, but less than mass 443	9.2
442	40.0 - 110.0% of mass 198	69.4
443	17.0 - 23.0% of mass 442	13.4 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000399-1	X24144.RR	06/03/2008	08:38
2	SSTD020	A8I0000399-1	X24145.RR	06/03/2008	09:01
3	SSTD050	A8I0000399-1	X24146.RR	06/03/2008	09:24
4	SSTD080	A8I0000399-1	X24147.RR	06/03/2008	09:47
5	SSTD120	A8I0000399-1	X24148.RR	06/03/2008	10:10
6	SSTD160	A8I0000399-1	X24149.RR	06/03/2008	10:33

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0001927Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: X24754DFTPP Injection Date: 07/01/2008Instrument ID: HP5973XDFTPP Injection Time: 08:44

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	39.7
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Present	43.0
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	40.0 - 60.0% of mass 198	53.0
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	7.1
275	10.0 - 30.0% of mass 198	27.6
365	Greater than 1.00% of mass 198	3.7
441	Present, but less than mass 443	10.3
442	40.0 - 110.0% of mass 198	77.7
443	17.0 - 23.0% of mass 442	15.4 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0001623-1	X24755.RR	07/01/2008	09:05
2	SSTD050	A8C0001623-2	X24756.RR	07/01/2008	09:28
3	SMSB33	A8B1800701	X24761.RR	07/01/2008	11:22
4	SBLK33	A8B1800702	X24762.RR	07/01/2008	11:45
5	SB-036/7.5-8 (ROC)	A8759501	X24776.RR	07/01/2008	17:05

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0002080Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: X24960 DFTPP Injection Date: 07/16/2008Instrument ID: HP5973X DFTPP Injection Time: 08:26

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	37.1
68	Less than 2.0% of mass 69	0.4 (1.1) 1
69	Present	36.6
70	Less than 2.0% of mass 69	0.5 (1.4) 1
127	40.0 - 60.0% of mass 198	54.1
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	7.4
275	10.0 - 30.0% of mass 198	27.9
365	Greater than 1.00% of mass 198	4.2
441	Present, but less than mass 443	10.6
442	40.0 - 110.0% of mass 198	87.6
443	17.0 - 23.0% of mass 442	16.8 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000536-1	X24968.RR	07/16/2008	12:36
2	SSTD020	A8I0000536-1	X24969.RR	07/16/2008	13:19
3	SSTD050	A8I0000536-1	X24970.RR	07/16/2008	13:42
4	SSTD080	A8I0000536-1	X24971.RR	07/16/2008	14:05
5	SSTD120	A8I0000536-1	X24972.RR	07/16/2008	14:27
6	SSTD160	A8I0000536-1	X24973.RR	07/16/2008	14:50

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0002122Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: X25049 DFTPP Injection Date: 07/21/2008Instrument ID: HP5973X DFTPP Injection Time: 08:41

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	40.7
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Present	42.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	40.0 - 60.0% of mass 198	48.1
197	Less than 1.0% of mass 198	0.3
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	26.3
365	Greater than 1.00% of mass 198	3.2
441	Present, but less than mass 443	11.2
442	40.0 - 110.0% of mass 198	89.7
443	17.0 - 23.0% of mass 442	17.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD005	A8I0000548-1	X25050.RR	07/21/2008	09:00
2	SSTD020	A8I0000548-1	X25051.RR	07/21/2008	09:22
3	SSTD050	A8I0000548-1	X25052.RR	07/21/2008	09:45
4	SSTD080	A8I0000548-1	X25053.RR	07/21/2008	10:08
5	SSTD120	A8I0000548-1	X25054.RR	07/21/2008	10:31
6	SSTD160	A8I0000548-1	X25055.RR	07/21/2008	10:54

LABELLA ASSOCIATES

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0002278Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Lab File ID: X25496 DFTPP Injection Date: 08/04/2008Instrument ID: HP5973X DFTPP Injection Time: 21:50

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	47.8
68	Less than 2.0% of mass 69	0.4 (0.8) 1
69	Present	47.3
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	40.0 - 60.0% of mass 198	53.3
197	Less than 1.0% of mass 198	0.2
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	24.6
365	Greater than 1.00% of mass 198	2.9
441	Present, but less than mass 443	8.8
442	40.0 - 110.0% of mass 198	70.2
443	17.0 - 23.0% of mass 442	12.3 (17.5) 2

1-Value is % mass 69

2-Value is % mass 442

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A8C0001933-1	X25497.RR	08/04/2008	22:05
2	SSTD050	A8C0001933-2	X25498.RR	08/04/2008	22:28
3	SMSB109 RI	A8798811	X25515.RR	08/05/2008	04:57
4	SBLK109 RI	A8798812	X25516.RR	08/05/2008	05:19
5	SB-53/0-1(ROC)	A8798802RI	X25517.RR	08/05/2008	05:42
6	SB-018/4-6	A8798804RI	X25518.RR	08/05/2008	06:05
7	SB-070/6-7.5	A8798805RI	X25519.RR	08/05/2008	06:28
8	SB-070/6-7.5	A8798805AH	X25520.RR	08/05/2008	06:51
9	SB-070/6-7.5	A8798805AF	X25521.RR	08/05/2008	07:14

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001615

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24815.RR Date Analyzed: 07/02/2008

Instrument ID: HP5973W Time Analyzed: 09:24

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)		
		AREA	#	AREA	#	AREA	#	
=====		=====		=====		=====		
12 HOUR STD		178027	9.80	313029	14.00	68142	5.94	
UPPER LIMIT		356054	10.30	626058	14.50	136284	6.44	
LOWER LIMIT		89014	9.30	156515	13.50	34071	5.44	
=====		=====		=====		=====		
CLIENT SAMPLE	Lab Sample ID							
=====	=====	=====	=====	=====	=====	=====	=====	
1	SB-050/0-1(ROC)	A8769101	94203	9.80	174319	14.00	41738	5.93
2	SB-050/6-8	A8769102	95656	9.80	193659	14.00	42063	5.93
3	SB-052/0-1(ROC)	A8769103	97432	9.80	182502	14.00	42637	5.93
4	SB-052/6-8(ROC)	A8769104	103664	9.80	228598	14.00	44022	5.93
5	SBLK03	A8B1807903	94398	9.80	173559	14.00	43674	5.93
6	SMSB03	A8B1807901	109547	9.80	191337	14.00	45413	5.93
7	SMSBD03	A8B1807902	112437	9.80	192932	14.00	47788	5.93

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (ANT) = Acenaphthene-D10 (50-200) -0.50 / +0.50 min
 IS2 (CRY) = Chrysene-D12 (50-200) -0.50 / +0.50 min
 IS3 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001615

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24815.RR Date Analyzed: 07/02/2008

Instrument ID: HP5973W Time Analyzed: 09:24

		IS4 (NPT)		IS5(PHN)		IS6 (PRY)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		292418	7.57	277073	11.52	262460	15.23
UPPER LIMIT		584836	8.07	554146	12.02	524920	15.73
LOWER LIMIT		146209	7.07	138537	11.02	131230	14.73
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 SB-050/0-1(ROC)	A8769101	177533	7.57	173704	11.52	177113	15.23
2 SB-050/6-8	A8769102	178278	7.57	178715	11.52	189921	15.23
3 SB-052/0-1(ROC)	A8769103	180848	7.57	180155	11.52	187762	15.23
4 SB-052/6-8(ROC)	A8769104	198976	7.57	222165	11.52	216703	15.23
5 SBLK03	A8B1807903	175303	7.57	172706	11.52	165495	15.23
6 SMSB03	A8B1807901	193866	7.57	193192	11.52	185106	15.23
7 SMSBD03	A8B1807902	201380	7.57	197594	11.52	187595	15.23

AREA UNIT RT
 QC LIMITS QC LIMITS

IS4 (NPT) = Naphthalene-D8 (50-200) -0.50 / +0.50 min
 IS5 (PHN) = Phenanthrene-D10 (50-200) -0.50 / +0.50 min
 IS6 (PRY) = Perylene-D12 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001672

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24888.RR Date Analyzed: 07/08/2008

Instrument ID: HP5973W Time Analyzed: 11:23

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		111270	9.78	222126	13.98	46198	5.91
UPPER LIMIT		222540	10.28	444252	14.48	92396	6.41
LOWER LIMIT		55635	9.28	111063	13.48	23099	5.41
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 SB-002/6-8	A8798803	125614	9.78	264839	13.98	53977	5.92
2 SB-51/0-1(ROC)	A8798801	139025	9.78	290912	13.98	59274	5.92
3 SBLK109	A8B1833902	107278	9.78	196340	13.98	48478	5.92
4 SMSB109	A8B1833901	142062	9.78	279609	13.98	57419	5.92

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (ANT) = Acenaphthene-D10 (50-200) -0.50 / +0.50 min
 IS2 (CRY) = Chrysene-D12 (50-200) -0.50 / +0.50 min
 IS3 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001672

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24888.RR Date Analyzed: 07/08/2008

Instrument ID: HP5973W Time Analyzed: 11:23

		IS4 (NPT)		IS5(PHN)		IS6 (PRY)		
		AREA	#	AREA	#	AREA	#	
12 HOUR STD		200826	7.55	191224	11.50	185897	15.21	
UPPER LIMIT		401652	8.05	382448	12.00	371794	15.71	
LOWER LIMIT		100413	7.05	95612	11.00	92949	14.71	
CLIENT SAMPLE		Lab Sample ID						
1	SB-002/6-8	A8798803	227873	7.56	218741	11.50	329034	15.21
2	SB-51/0-1(ROC)	A8798801	251950	7.56	242021	11.50	360610	15.21
3	SBLK109	A8B1833902	201180	7.56	191762	11.50	173524	15.21
4	SMSB109	A8B1833901	247497	7.56	242898	11.50	244858	15.21

AREA UNIT RT
 QC LIMITS QC LIMITS

IS4 (NPT) = Naphthalene-D8 (50-200) -0.50 / +0.50 min
 IS5 (PHN) = Phenanthrene-D10 (50-200) -0.50 / +0.50 min
 IS6 (PRY) = Perylene-D12 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001738

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24976.RR Date Analyzed: 07/11/2008

Instrument ID: HP5973W Time Analyzed: 11:28

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		106548		214640		45000	
UPPER LIMIT		213096	9.72	429280	13.94	90000	5.84
LOWER LIMIT		53274	10.22	107320	14.44	22500	6.34
			9.22		13.44		5.34
CLIENT SAMPLE	Lab Sample ID	AREA	RT	AREA	RT	AREA	RT
1 SB-018/4-6	A8798804	150092	9.73	340665	13.94	64664	5.84
2 SB-070/6-7.5	A8798805	105210	9.73	230032	13.94	43601	5.85
3 SB-070/6-7.5	A8798805MS	136258	9.73	311725	13.94	55152	5.84
4 SB-070/6-7.5	A8798805SD	196228	9.73	431430	13.95	76920	5.84
5 SB-53/0-1(ROC)	A8798802	140636	9.73	320027	13.94	58603	5.84

*80% of
INT STD
mm
8/11/2008*

AREA UNIT RT
QC LIMITS QC LIMITS

IS1 (ANT) = Acenaphthene-D10 (50-200) -0.50 / +0.50 min
 IS2 (CRY) = Chrysene-D12 (50-200) -0.50 / +0.50 min
 IS3 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001738

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): W24976.RR Date Analyzed: 07/11/2008

Instrument ID: HP5973W Time Analyzed: 11:28

		IS4 (NPT)		IS5(PHN)		IS6 (PRY)			
		AREA	#	RT	#	AREA	#	RT	#
=====		=====		=====		=====		=====	
12 HOUR STD		191856		7.49		183640		11.46	
UPPER LIMIT		383712		7.99		367280		11.96	
LOWER LIMIT		95928		6.99		91820		10.96	
=====		=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID								
=====	=====	=====		=====		=====		=====	
1 SB-018/4-6	A8798804	264611		7.49		271331		11.46	
2 SB-070/6-7.5	A8798805	181341		7.49		190391		11.46	
3 SB-070/6-7.5	A8798805MS	236395		7.49		245861		11.46	
4 SB-070/6-7.5	A8798805SD	336700		7.49		347976		11.46	
5 SB-53/0-1(ROC)	A8798802	246473		7.49		260946		11.46	

80.165 of
INT STD

MT
8/7/2008

AREA UNIT RT
 QC LIMITS QC LIMITS

IS4 (NPT) = Naphthalene-D8 (50-200) -0.50 / +0.50 min
 IS5 (PHN) = Phenanthrene-D10 (50-200) -0.50 / +0.50 min
 IS6 (PRY) = Perylene-D12 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001623

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): X24755.RR Date Analyzed: 07/01/2008

Instrument ID: HP5973X Time Analyzed: 09:05

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		447466	9.34	717306	13.38	200869	5.72
UPPER LIMIT		894932	9.84	1434612	13.88	401738	6.22
LOWER LIMIT		223733	8.84	358653	12.88	100435	5.22
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====		=====		=====	
1 SB-036/7.5-8(ROC)	A8759501	344280	9.33	971393	13.38	146867	5.71
2 SBLK33	A8B1800702	280916	9.33	541531	13.37	162771	5.71
3 SMSB33	A8B1800701	338394	9.33	628821	13.38	159362	5.71

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (ANT) = Acenaphthene-D10 (50-200) -0.50 / +0.50 min
 IS2 (CRY) = Chrysene-D12 (50-200) -0.50 / +0.50 min
 IS3 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001623

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): X24755.RR Date Analyzed: 07/01/2008

Instrument ID: HP5973X Time Analyzed: 09:05

		IS4 (NPT)		IS5(PHN)		IS6 (PRY)		
		AREA	#	AREA	#	AREA	#	
=====		=====		=====		=====		
12 HOUR STD		767906	7.26	763811	10.97	759186	14.57	
UPPER LIMIT		1535812	7.76	1527622	11.47	1518372	15.07	
LOWER LIMIT		383953	6.76	381906	10.47	379593	14.07	
=====		=====		=====		=====		
CLIENT SAMPLE		Lab Sample ID						
=====		=====		=====		=====		
1	SB-036/7.5-8(ROC)	A8759501	608387	7.25	649734	10.97	882219	14.56
2	SBLK33	A8B1800702	595523	7.25	504395	10.96	579334	14.56
3	SMSB33	A8B1800701	628432	7.26	616886	10.97	753583	14.57

AREA UNIT RT
 QC LIMITS QC LIMITS

IS4 (NPT) = Naphthalene-D8 (50-200) -0.50 / +0.50 min
 IS5 (PHN) = Phenanthrene-D10 (50-200) -0.50 / +0.50 min
 IS6 (PRY) = Perylene-D12 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001933

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): X25497.RR Date Analyzed: 08/04/2008

Instrument ID: HP5973X Time Analyzed: 22:05

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		769749		1409160		391470	
UPPER LIMIT		1539498	9.32	2818320	13.39	782940	5.73
LOWER LIMIT		384875	9.82	704580	13.89	195735	6.23
			8.82		12.89		5.23
CLIENT SAMPLE	Lab Sample ID	AREA	#	AREA	#	AREA	#
1 SB-018/4-6	A8798804RI	109616	* 9.32	1542905	13.38	612	* 5.73
2 SB-070/6-7.5	A8798805AF	541158	9.33	1293850	13.39		* 0.00 *
3 SB-070/6-7.5	A8798805AH	543524	9.33	1339218	13.39		* 0.00 *
4 SB-070/6-7.5	A8798805RI	348926	* 9.32	1433548	13.38	12332	* 5.73
5 SB-53/0-1(ROC)	A8798802RI	639105	9.32	1355440	13.38	293502	5.73
6 SBLK109 RI	A8798812	590199	9.32	1385701	13.38	7133	* 5.73
7 SMSB109 RI	A8798811	699364	9.33	1243353	13.39	38210	* 5.73

AREA UNIT RT
 QC LIMITS QC LIMITS

IS1 (ANT) = Acenaphthene-D10 (50-200) -0.50 / +0.50 min
 IS2 (CRY) = Chrysene-D12 (50-200) -0.50 / +0.50 min
 IS3 (DCB) = 1,4-Dichlorobenzene-D4 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Labsampid: A8C0001933

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab File ID (Standard): X25497.RR Date Analyzed: 08/04/2008

Instrument ID: HP5973X Time Analyzed: 22:05

		IS4 (NPT)		IS5 (PHN)		IS6 (PRY)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		1477610	7.25	1418261	10.97	1794921	14.57
UPPER LIMIT		2955220	7.75	2836522	11.47	3589842	15.07
LOWER LIMIT		738805	6.75	709131	10.47	897461	14.07
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====	=====	=====	=====	=====	=====
1 SB-018/4-6	A8798804RI	13905	* 7.25	1171523	10.96	1863151	14.57
2 SB-070/6-7.5	A8798805AF	18276	* 7.26	1311706	10.97	1844915	14.58
3 SB-070/6-7.5	A8798805AH	44011	* 7.25	1248611	10.97	1843663	14.58
4 SB-070/6-7.5	A8798805RI	155030	* 7.25	1142286	10.96	1679985	14.57
5 SB-53/0-1(ROC)	A8798802RI	1165140	7.25	1160090	10.96	1677562	14.57
6 SBLK109 RI	A8798812	124888	* 7.25	1212742	10.96	1727215	14.57
7 SMSB109 RI	A8798811	1007274	7.26	1264961	10.97	1778454	14.58

AREA UNIT RT
 QC LIMITS QC LIMITS

IS4 (NPT) = Naphthalene-D8 (50-200) -0.50 / +0.50 min
 IS5 (PHN) = Phenanthrene-D10 (50-200) -0.50 / +0.50 min
 IS6 (PRY) = Perylene-D12 (50-200) -0.50 / +0.50 min

Column to be used to flag recovery values
 * Values outside of contract required QC limits

Compare Client DL for PROJECT NY2A8951.6 and TASK 8 to Lab MDL
 For METHOD: 8270 PROTOCOL: SW8463
 For FRACTIONS: MB

Laboratory: A
 Project Manager: JRK

Client Name	Project No	Task No	Parameter	Type	Procl	Method	Test	T		CDL	TDL	MDL	E E	
								M	UM				X	I J I
Fraction: MB														
Bella Associates	NY2A8951.6	8	2,2'-Oxybis(1-Chloropropane)	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	17.63663	N	J T
Bella Associates	NY2A8951.6	8	2,2'-Oxybis(1-Chloropropane)	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.42400	N	J T
Bella Associates	NY2A8951.6	8	2,4,5-Trichlorophenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	36.81490	N	J T
Bella Associates	NY2A8951.6	8	2,4,5-Trichlorophenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.98800	N	J T
Bella Associates	NY2A8951.6	8	2,4,6-Trichlorophenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	11.13659	N	J T
Bella Associates	NY2A8951.6	8	2,4,6-Trichlorophenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.99400	N	J T
Bella Associates	NY2A8951.6	8	2,4-Dichlorophenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	8.84975	N	J T
Bella Associates	NY2A8951.6	8	2,4-Dichlorophenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.78700	N	J T
Bella Associates	NY2A8951.6	8	2,4-Dimethylphenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	45.59644	N	J T
Bella Associates	NY2A8951.6	8	2,4-Dimethylphenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.96100	N	J T
Bella Associates	NY2A8951.6	8	2,4-Dinitrophenol	EQL	SW8463	8270	CTA33438	S	UG/KG		330.00000	59.06137	N	J T
Bella Associates	NY2A8951.6	8	2,4-Dinitrophenol	EQL	SW8463	8270	CTA33441	W	UG/L		10.00000	2.22367	N	J T
Bella Associates	NY2A8951.6	8	2,4-Dinitrophenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	26.13436	N	J T
Bella Associates	NY2A8951.6	8	2,4-Dinitrophenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.44700	N	J T
Bella Associates	NY2A8951.6	8	2,6-Dinitrotoluene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	41.30373	N	J T
Bella Associates	NY2A8951.6	8	2,6-Dinitrotoluene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.50900	N	J T
Bella Associates	NY2A8951.6	8	2-Chloronaphthalene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	11.32611	N	J T
Bella Associates	NY2A8951.6	8	2-Chloronaphthalene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.08400	N	J T
Bella Associates	NY2A8951.6	8	2-Chlorophenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	8.59328	N	J T
Bella Associates	NY2A8951.6	8	2-Chlorophenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.50539	N	J T
Bella Associates	NY2A8951.6	8	2-Methylnaphthalene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	2.04484	N	J T
Bella Associates	NY2A8951.6	8	2-Methylnaphthalene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.08200	N	J T
Bella Associates	NY2A8951.6	8	2-Methylphenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	5.19098	N	J T
Bella Associates	NY2A8951.6	8	2-Methylphenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.22800	N	J T
Bella Associates	NY2A8951.6	8	2-Nitroaniline	EQL	SW8463	8270	CTA33438	S	UG/KG		330.00000	54.14509	N	J T
Bella Associates	NY2A8951.6	8	2-Nitroaniline	EQL	SW8463	8270	CTA33441	W	UG/L		10.00000	0.49848	N	J T
Bella Associates	NY2A8951.6	8	2-Nitrophenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	7.71638	N	J T
Bella Associates	NY2A8951.6	8	2-Nitrophenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.60314	N	J T
Bella Associates	NY2A8951.6	8	3,3'-Dichlorobenzidine	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	148.00000	N	J T
Bella Associates	NY2A8951.6	8	3,3'-Dichlorobenzidine	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.37496	N	J T
Bella Associates	NY2A8951.6	8	3-Nitroaniline	EQL	SW8463	8270	CTA33438	S	UG/KG		330.00000	38.81322	N	J T
Bella Associates	NY2A8951.6	8	3-Nitroaniline	EQL	SW8463	8270	CTA33441	W	UG/L		10.00000	1.54900	N	J T
Bella Associates	NY2A8951.6	8	4,6-Dinitro-2-methylphenol	EQL	SW8463	8270	CTA33438	S	UG/KG		330.00000	58.29008	N	J T
Bella Associates	NY2A8951.6	8	4,6-Dinitro-2-methylphenol	EQL	SW8463	8270	CTA33441	W	UG/L		10.00000	2.27400	N	J T
Bella Associates	NY2A8951.6	8	4-Bromophenyl phenyl ether	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	53.70538	N	J T
Bella Associates	NY2A8951.6	8	4-Bromophenyl phenyl ether	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.90016	N	J T

731/4151

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
Object Manager: JRK

Client Name	Project No	Tsk No	Parameter	TDL			Method	Test	M	UM	CDL	TDL	MDL	E E	
				Type	Procl	UM								X	I
Bella Associates	NY2A8951.6	8	4-Chloro-3-methylphenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	6.94446	N	J	I
Bella Associates	NY2A8951.6	8	4-Chloro-3-methylphenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.59591	N	J	T
Bella Associates	NY2A8951.6	8	4-Chloroaniline	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	49.54531	N	J	T
Bella Associates	NY2A8951.6	8	4-Chloroaniline	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.33100	N	J	T
Bella Associates	NY2A8951.6	8	4-Chlorophenyl phenyl ether	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	3.59842	N	J	T
Bella Associates	NY2A8951.6	8	4-Chlorophenyl phenyl ether	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.16700	N	J	T
Bella Associates	NY2A8951.6	8	4-Methylphenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	9.40323	N	J	T
Bella Associates	NY2A8951.6	8	4-Methylphenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.35327	N	J	T
Bella Associates	NY2A8951.6	8	4-Nitroaniline	EQL	SW8463	8270	CTA33438	S	UG/KG		330.00000	18.85580	N	J	T
Bella Associates	NY2A8951.6	8	4-Nitroaniline	EQL	SW8463	8270	CTA33441	W	UG/L		10.00000	0.45500	N	J	T
Bella Associates	NY2A8951.6	8	4-Nitrophenol	EQL	SW8463	8270	CTA33438	S	UG/KG		330.00000	40.91715	N	J	T
Bella Associates	NY2A8951.6	8	4-Nitrophenol	EQL	SW8463	8270	CTA33441	W	UG/L		10.00000	1.52500	N	J	T
Bella Associates	NY2A8951.6	8	Acenaphthene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	1.98418	N	J	T
Bella Associates	NY2A8951.6	8	Acenaphthene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.11200	N	J	T
Bella Associates	NY2A8951.6	8	Acenaphthylene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	1.38072	N	J	T
Bella Associates	NY2A8951.6	8	Acenaphthylene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.04700	N	J	T
Bella Associates	NY2A8951.6	8	Acetophenone	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	8.66305	N	J	T
Bella Associates	NY2A8951.6	8	Acetophenone	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	1.02200	N	J	T
Bella Associates	NY2A8951.6	8	Anthracene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	4.32194	N	J	T
Bella Associates	NY2A8951.6	8	Anthracene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.05595	N	J	T
Bella Associates	NY2A8951.6	8	Atrazine	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	7.51146	N	J	T
Bella Associates	NY2A8951.6	8	Atrazine	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	1.08716	N	J	T
Bella Associates	NY2A8951.6	8	Benzaldehyde	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	18.51196	N	J	T
Bella Associates	NY2A8951.6	8	Benzaldehyde	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.26778	N	J	T
Bella Associates	NY2A8951.6	8	Benzo(a)anthracene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	2.91388	N	J	T
Bella Associates	NY2A8951.6	8	Benzo(a)anthracene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.06400	N	J	T
Bella Associates	NY2A8951.6	8	Benzo(a)pyrene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	4.06861	N	J	T
Bella Associates	NY2A8951.6	8	Benzo(a)pyrene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.09115	N	J	T
Bella Associates	NY2A8951.6	8	Benzo(b)fluoranthene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	3.27501	N	J	T
Bella Associates	NY2A8951.6	8	Benzo(b)fluoranthene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.06300	N	J	T
Bella Associates	NY2A8951.6	8	Benzo(ghi)perylene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	2.02566	N	J	T
Bella Associates	NY2A8951.6	8	Benzo(ghi)perylene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.07800	N	J	T
Bella Associates	NY2A8951.6	8	Benzo(k)fluoranthene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	1.85814	N	J	T
Bella Associates	NY2A8951.6	8	Benzo(k)fluoranthene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.06600	N	J	T
Bella Associates	NY2A8951.6	8	Biphenyl	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	10.51428	N	J	T
Bella Associates	NY2A8951.6	8	Biphenyl	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.06537	N	J	T
Bella Associates	NY2A8951.6	8	Bis(2-chloroethoxy) methane	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	9.18259	N	J	T

732/4151

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRDL, EQL) E - TDL>CDL (TDL Type CDL)

Laboratory: A
Object Manager: JRK

Client Name	Tsk		Parameter	TDL		Test	UM	CDL	TDL	MDL	E E	
	Project No	No		Type	Procl						Method	X	I
Bella Associates	NY2A8951.6	8	Bis(2-chloroethoxy) methane	EQL	SW8463	8270	UG/L		5.00000	0.37559	N	J T
Bella Associates	NY2A8951.6	8	Bis(2-chloroethyl) ether	EQL	SW8463	8270	UG/KG		170.00000	14.57441	N	J T
Bella Associates	NY2A8951.6	8	Bis(2-chloroethyl) ether	EQL	SW8463	8270	UG/L		5.00000	0.18000	N	J T
Bella Associates	NY2A8951.6	8	Bis(2-ethylhexyl) phthalate	EQL	SW8463	8270	UG/KG		170.00000	54.38616	N	J T
Bella Associates	NY2A8951.6	8	Bis(2-ethylhexyl) phthalate	EQL	SW8463	8270	UG/L		5.00000	4.76000	N	J T
Bella Associates	NY2A8951.6	8	Butyl benzyl phthalate	EQL	SW8463	8270	UG/KG		170.00000	45.32835	N	J T
Bella Associates	NY2A8951.6	8	Butyl benzyl phthalate	EQL	SW8463	8270	UG/L		5.00000	1.74000	N	J T
Bella Associates	NY2A8951.6	8	Caprolactam	EQL	SW8463	8270	UG/KG		170.00000	73.02415	N	J T
Bella Associates	NY2A8951.6	8	Caprolactam	EQL	SW8463	8270	UG/L		5.00000	4.59000	N	J T
Bella Associates	NY2A8951.6	8	Carbazole	EQL	SW8463	8270	UG/KG		170.00000	1.95306	N	J T
Bella Associates	NY2A8951.6	8	Carbazole	EQL	SW8463	8270	UG/L		5.00000	0.08900	N	J T
Bella Associates	NY2A8951.6	8	Chrysene	EQL	SW8463	8270	UG/KG		170.00000	1.68779	N	J T
Bella Associates	NY2A8951.6	8	Chrysene	EQL	SW8463	8270	UG/L		5.00000	0.27300	N	J T
Bella Associates	NY2A8951.6	8	Di-n-butyl phthalate	EQL	SW8463	8270	UG/KG		170.00000	58.34917	N	J T
Bella Associates	NY2A8951.6	8	Di-n-butyl phthalate	EQL	SW8463	8270	UG/L		5.00000	0.29921	N	J T
Bella Associates	NY2A8951.6	8	Di-n-octyl phthalate	EQL	SW8463	8270	UG/KG		170.00000	3.94792	N	J T
Bella Associates	NY2A8951.6	8	Di-n-octyl phthalate	EQL	SW8463	8270	UG/L		5.00000	0.24100	N	J T
Bella Associates	NY2A8951.6	8	Di-n-octyl phthalate	EQL	SW8463	8270	UG/KG		170.00000	1.98543	N	J T
Bella Associates	NY2A8951.6	8	Dibenzo(a,h)anthracene	EQL	SW8463	8270	UG/L		5.00000	0.20000	N	J T
Bella Associates	NY2A8951.6	8	Dibenzo(a,h)anthracene	EQL	SW8463	8270	UG/KG		170.00000	1.75662	N	J T
Bella Associates	NY2A8951.6	8	Dibenzofuran	EQL	SW8463	8270	UG/L		5.00000	0.09800	N	J T
Bella Associates	NY2A8951.6	8	Dibenzofuran	EQL	SW8463	8270	UG/KG		170.00000	5.09952	N	J T
Bella Associates	NY2A8951.6	8	Diethyl phthalate	EQL	SW8463	8270	UG/L		5.00000	0.11000	N	J T
Bella Associates	NY2A8951.6	8	Diethyl phthalate	EQL	SW8463	8270	UG/KG		170.00000	4.40366	N	J T
Bella Associates	NY2A8951.6	8	Dimethyl phthalate	EQL	SW8463	8270	UG/L		5.00000	0.30000	N	J T
Bella Associates	NY2A8951.6	8	Dimethyl phthalate	EQL	SW8463	8270	UG/KG		170.00000	2.44588	N	J T
Bella Associates	NY2A8951.6	8	Fluoranthene	EQL	SW8463	8270	UG/L		5.00000	0.09806	N	J T
Bella Associates	NY2A8951.6	8	Fluoranthene	EQL	SW8463	8270	UG/KG		170.00000	3.88915	N	J T
Bella Associates	NY2A8951.6	8	Fluorene	EQL	SW8463	8270	UG/L		5.00000	0.07400	N	J T
Bella Associates	NY2A8951.6	8	Fluorene	EQL	SW8463	8270	UG/KG		170.00000	8.38584	N	J T
Bella Associates	NY2A8951.6	8	Hexachlorobenzene	EQL	SW8463	8270	UG/L		5.00000	0.44536	N	J T
Bella Associates	NY2A8951.6	8	Hexachlorobenzene	EQL	SW8463	8270	UG/KG		170.00000	8.63759	N	J T
Bella Associates	NY2A8951.6	8	Hexachlorobutadiene	EQL	SW8463	8270	UG/L		5.00000	2.59500	N	J T
Bella Associates	NY2A8951.6	8	Hexachlorobutadiene	EQL	SW8463	8270	UG/KG		170.00000	51.03698	N	J T
Bella Associates	NY2A8951.6	8	Hexachlorocyclopentadiene	EQL	SW8463	8270	UG/L		5.00000	2.50000	N	J T
Bella Associates	NY2A8951.6	8	Hexachlorocyclopentadiene	EQL	SW8463	8270	UG/KG		170.00000	13.06357	N	J T
Bella Associates	NY2A8951.6	8	Hexachloroethane	EQL	SW8463	8270	UG/L		5.00000	2.82400	N	J T

733/4151

Compare Client DL for PROJECT NY2A8951.6 and TASK 8 to Lab MDL
For METHOD: 8270 PROTOCOL: SW8463
For FRACTIONS: MB

Laboratory: A
Object Manager: JRK

Client Name	Project No	Tsk No	Parameter	TDL			T			CDL	TDL	MDL	E E		
				Type	Protcl	Method	Test	M	UM				X	I	J	I	J	I
Bella Associates	NY2A8951.6	8	Indeno(1,2,3-cd)pyrene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	4.66924	N	J	T
Bella Associates	NY2A8951.6	8	Indeno(1,2,3-cd)pyrene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.15300	N	J	T
Bella Associates	NY2A8951.6	8	Isophorone	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	8.43613	N	J	T
Bella Associates	NY2A8951.6	8	Isophorone	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.32027	N	J	T
Bella Associates	NY2A8951.6	8	N-Nitroso-Di-n-propylamine	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	13.36969	N	J	T
Bella Associates	NY2A8951.6	8	N-Nitroso-Di-n-propylamine	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.45200	N	J	T
Bella Associates	NY2A8951.6	8	N-nitrosodiphenylamine	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	9.22816	N	J	T
Bella Associates	NY2A8951.6	8	N-nitrosodiphenylamine	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.26000	N	J	T
Bella Associates	NY2A8951.6	8	Naphthalene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	2.80953	N	J	T
Bella Associates	NY2A8951.6	8	Naphthalene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.11600	N	J	T
Bella Associates	NY2A8951.6	8	Nitrobenzene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	7.48254	N	J	T
Bella Associates	NY2A8951.6	8	Nitrobenzene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.53800	N	J	T
Bella Associates	NY2A8951.6	8	Pentachlorophenol	EQL	SW8463	8270	CTA33438	S	UG/KG		330.00000	57.89626	N	J	T
Bella Associates	NY2A8951.6	8	Pentachlorophenol	EQL	SW8463	8270	CTA33441	W	UG/L		10.00000	5.14000	N	J	T
Bella Associates	NY2A8951.6	8	Phenanthrene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	3.54216	N	J	T
Bella Associates	NY2A8951.6	8	Phenanthrene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.11300	N	J	T
Bella Associates	NY2A8951.6	8	Phenol	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	17.76801	N	J	T
Bella Associates	NY2A8951.6	8	Phenol	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.44600	N	J	T
Bella Associates	NY2A8951.6	8	Pyrene	EQL	SW8463	8270	CTA33438	S	UG/KG		170.00000	1.09282	N	J	T
Bella Associates	NY2A8951.6	8	Pyrene	EQL	SW8463	8270	CTA33441	W	UG/L		5.00000	0.06820	N	J	T

734/4151

Sample Data

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 30.80 (g/mL) G Lab File ID: W24913.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

83-32-9-----	Acenaphthene		970	U
208-96-8-----	Acenaphthylene		970	U
98-86-2-----	Acetophenone		970	U
120-12-7-----	Anthracene		100	J
1912-24-9----	Atrazine		970	U
100-52-7-----	Benzaldehyde		970	U
56-55-3-----	Benzo (a) anthracene		410	J
205-99-2-----	Benzo (b) fluoranthene		520	J
207-08-9-----	Benzo (k) fluoranthene		970	U
191-24-2-----	Benzo (ghi) perylene		200	J
50-32-8-----	Benzo (a) pyrene		360	J
92-52-4-----	Biphenyl		970	U
111-91-1-----	Bis (2-chloroethoxy) methane		970	U
111-44-4-----	Bis (2-chloroethyl) ether		970	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		970	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		970	U
101-55-3-----	4-Bromophenyl phenyl ether		970	U
85-68-7-----	Butyl benzyl phthalate		970	U
105-60-2-----	Caprolactam		970	U
106-47-8-----	4-Chloroaniline		970	U
59-50-7-----	4-Chloro-3-methylphenol		970	U
91-58-7-----	2-Chloronaphthalene		970	U
95-57-8-----	2-Chlorophenol		970	U
7005-72-3-----	4-Chlorophenyl phenyl ether		970	U
86-74-8-----	Carbazole		970	U
218-01-9-----	Chrysene		590	BJ
53-70-3-----	Dibenzo (a,h) anthracene		77	J
132-64-9-----	Dibenzofuran		970	U
84-74-2-----	Di-n-butyl phthalate		970	U
91-94-1-----	3,3'-Dichlorobenzidine		970	U
120-83-2-----	2,4-Dichlorophenol		970	U
84-66-2-----	Diethyl phthalate		100	J

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 30.80 (g/mL) G Lab File ID: W24913.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9-----	2,4-Dimethylphenol		970	U
131-11-3-----	Dimethyl phthalate		970	U
534-52-1-----	4,6-Dinitro-2-methylphenol		1900	U
51-28-5-----	2,4-Dinitrophenol		1900	U
121-14-2-----	2,4-Dinitrotoluene		970	U
606-20-2-----	2,6-Dinitrotoluene		970	U
117-84-0-----	Di-n-octyl phthalate		970	U
206-44-0-----	Fluoranthene		680	J
86-73-7-----	Fluorene		970	U
118-74-1-----	Hexachlorobenzene		970	U
87-68-3-----	Hexachlorobutadiene		970	U
77-47-4-----	Hexachlorocyclopentadiene		970	U
67-72-1-----	Hexachloroethane		970	U
193-39-5-----	Indeno (1,2,3-cd) pyrene		160	J
78-59-1-----	Isophorone		970	U
91-57-6-----	2-Methylnaphthalene		970	U
95-48-7-----	2-Methylphenol		970	U
106-44-5-----	4-Methylphenol		970	U
91-20-3-----	Naphthalene		970	U
88-74-4-----	2-Nitroaniline		1900	U
99-09-2-----	3-Nitroaniline		1900	U
100-01-6-----	4-Nitroaniline		1900	U
98-95-3-----	Nitrobenzene		970	U
88-75-5-----	2-Nitrophenol		970	U
100-02-7-----	4-Nitrophenol		1900	U
86-30-6-----	N-nitrosodiphenylamine		970	U
621-64-7-----	N-Nitroso-Di-n-propylamine		970	U
87-86-5-----	Pentachlorophenol		1900	U
85-01-8-----	Phenanthrene		620	J
108-95-2-----	Phenol		970	U
129-00-0-----	Pyrene		690	J
95-95-4-----	2,4,5-Trichlorophenol		970	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 30.80 (g/mL) G Lab File ID: W24913.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
---------	----------	-----------------	-------	---

88-06-2-----	2,4,6-Trichlorophenol		970	U
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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-002/6-8

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 30.80 (g/mL) G Lab File ID: W24913.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: 14.9 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 0

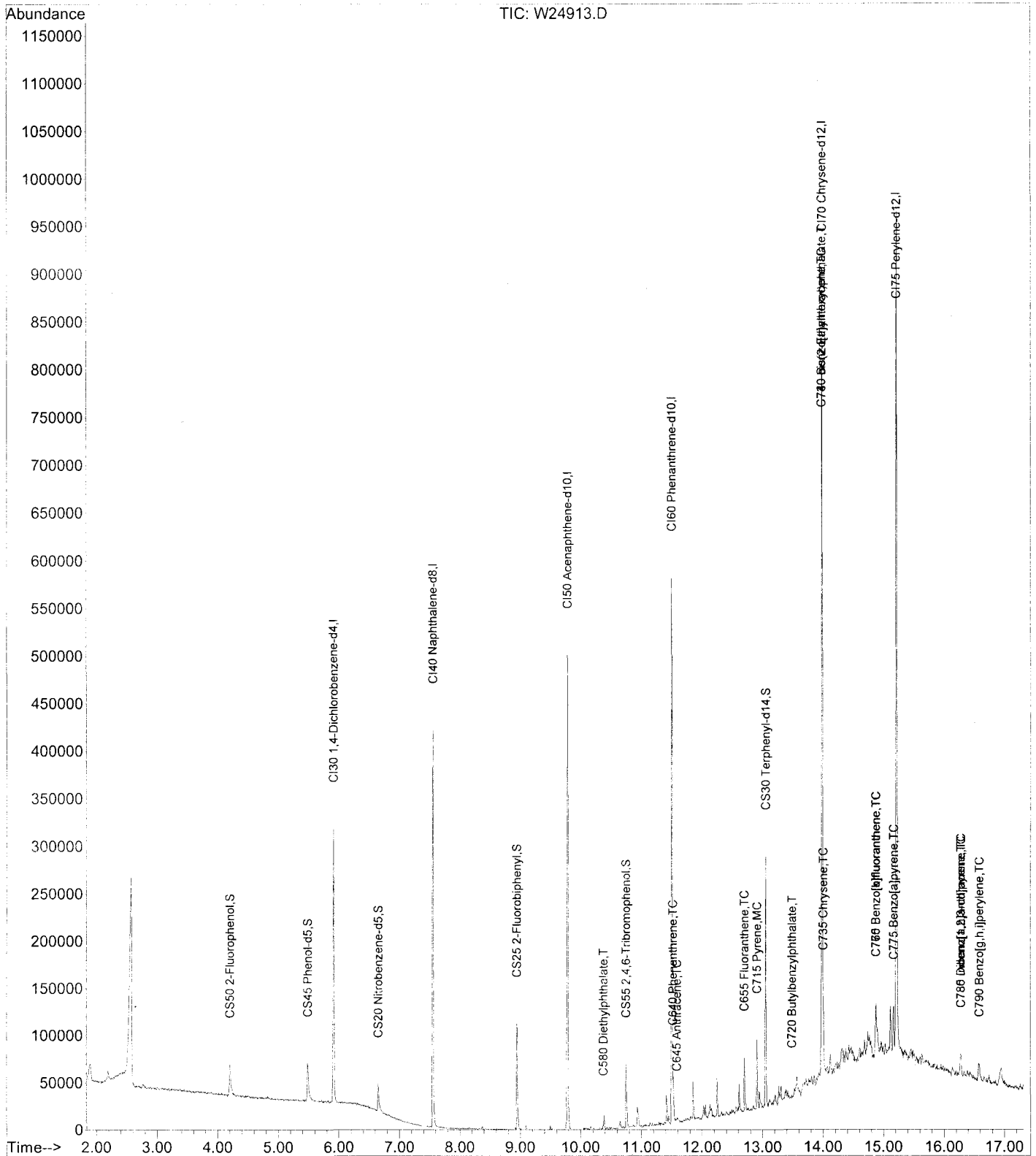
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

Data File : C:\MSDCHEM\1\DATA\070808\W24913.D
 Acq On : 8 Jul 2008 9:00 pm
 Sample : A8798803 DF5 AS8007824
 Misc :
 MS Integration Params: rteint.p

Vial: 27
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 09 09:17:52 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070808\W24913.D
 Acq On : 8 Jul 2008 9:00 pm
 Sample : A8798803 DF5 AS8007824
 Misc :

Vial: 27
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 09 09:17:52 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24888.D (8 Jul 2008 11:23 am)

*JS
 ACE 7/11/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	53977	40.00	ng	0.00	116.84%
20) CI40 Naphthalene-d8	7.56	136	227873	40.00	ng	0.00	113.47%
35) CI50 Acenaphthene-d10	9.78	164	125614	40.00	ng	0.00	112.89%
56) CI60 Phenanthrene-d10	11.50	188	218741	40.00	ng	0.00	114.39%
68) CI70 Chrysene-d12	13.98	240	264839	40.00	ng	0.00	119.23%
78) CI75 Perylene-d12	15.21	264	329034	40.00	ng	0.00	177.00%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.21	112	21891	14.64	ng	0.02	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	9.76%#	
5) CS45 Phenol-d5	5.49	99	31736	13.42	ng	0.02	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	8.95%#	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.65	82	17743	8.83	ng	0.01	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	8.83%#	
39) CS25 2-Fluorobiphenyl	8.95	172	47082	10.67	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	10.67%#	
59) CS55 2,4,6-Tribromophenol	10.75	330	8970	20.82	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	13.88%	
71) CS30 Terphenyl-d14	13.05	244	72205	11.70	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	11.70%#	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

*MS
 8/7/08*

Data File : C:\MSDCHEM\1\DATA\070808\W24913.D
 Acq On : 8 Jul 2008 9:00 pm
 Sample : A8798803 DF5 AS8007824
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 09 09:17:52 2008

Vial: 27
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24888.D (8 Jul 2008 11:23 am)

*AEU
7/11/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dev(Max)
						Rcv(Ar)	
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	9.61	152	636	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	0.00	153	0	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	10.47	166	571	Below Cal			90
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	10.37	149	2276	0.52 ng	#		60
54) C620 1,2 diphenylhydrazi	0.00	77	0	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	11.53	178	20644	3.23 ng			97
64) C645 Anthracene	11.59	178	3442	0.53 ng			73
65) C647 carbazole	0.00	167	0	N.D.			
66) C650 Di-n-butylphthalate	12.12	149	429	N.D.			
67) C655 Fluoranthene	12.70	202	26148	3.56 ng			89
69) C715 Pyrene	12.91	202	29148	3.64 ng			99
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalate	13.49	149	859	0.22 ng	#		62
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	13.97	228	18073	2.14 ng			89
75) C735 Chrysene	14.00	228	24721	3.10 ng			98
76) C740 bis(2-Ethylhexyl)phth	13.97	149	5576	0.93 ng			93
77) C760 Di-n-octylphthalate	14.50	149	760	N.D.			
79) C765 Benzo[b]fluoranthene	14.88	252	33828	2.73 ng			96
80) C770 Benzo[k]fluoranthene	14.88	252	33828	2.87 ng			96
81) C775 Benzo[a]pyrene	15.16	252	21641	1.86 ng			97
82) C780 Indeno[1,2,3-cd]pyren	16.28	276	11848	0.83 ng			99
83) C785 Dibenz[a,h]anthracene	16.28	278	5064	0.40 ng			76
84) C790 Benzo[g,h,i]perylene	16.58	276	12892	1.04 ng			99

Res, m, m, g, h, g

m, g, h, g

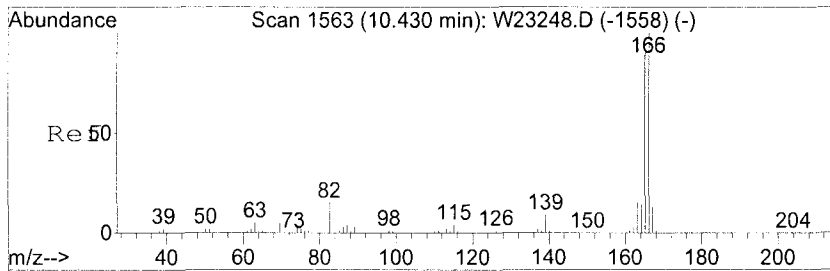
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Misc : Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 11 16:12:49 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

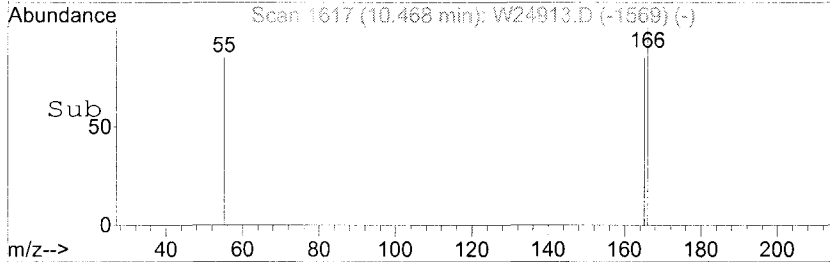
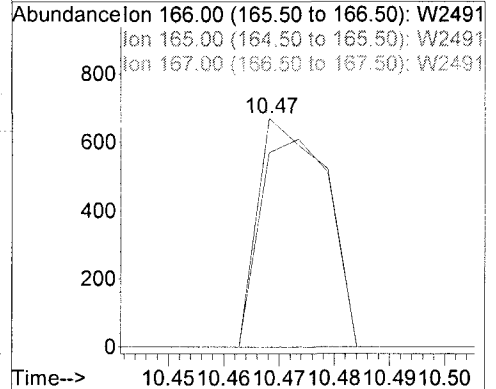
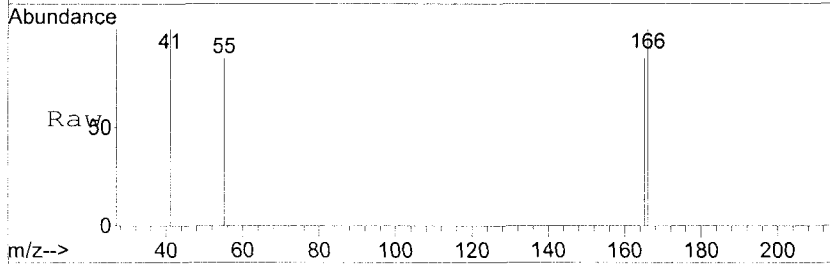
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	53977	40.00	ng	-0.07 110.69%
4) CI40 Naphthalene-d8	7.56	136	227873	40.00	ng	-0.06 117.01%
7) CI50 Acenaphthene-d8	9.78	164	125614	40.00	ng	-0.06 136.25%
10) CI60 Phenanthrene-d10	11.50	188	218741	40.00	ng	-0.05 141.65%
12) CI70 Chrysene-d12	13.98	240	264839	40.00	ng	-0.05 144.60%
13) CI75 Perylene-d12	15.21	264	329034	40.00	ng	-0.06 184.04%
Target Compounds						Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed



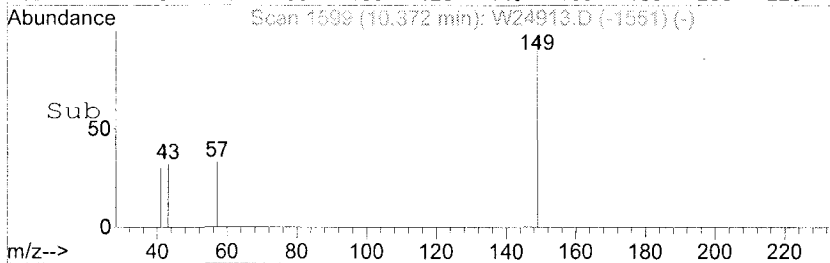
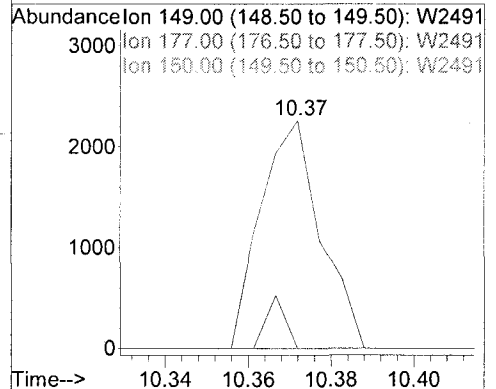
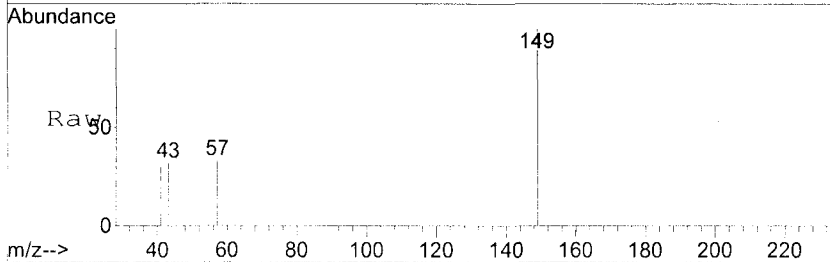
#51
 C590 Fluorene
 Concen: Below Cal
 RT: 10.47 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

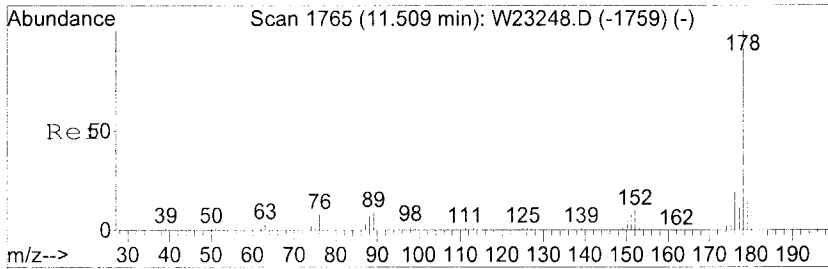
Tgt Ion	Resp	Lower	Upper
166	571		
166	100		
165	84.9	72.0	112.0
167	0.0	0.0	32.5



#53
 C580 Diethylphthalate
 Concen: 0.52 ng
 RT: 10.37 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

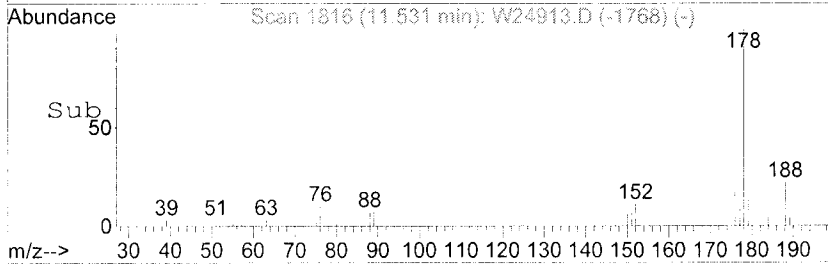
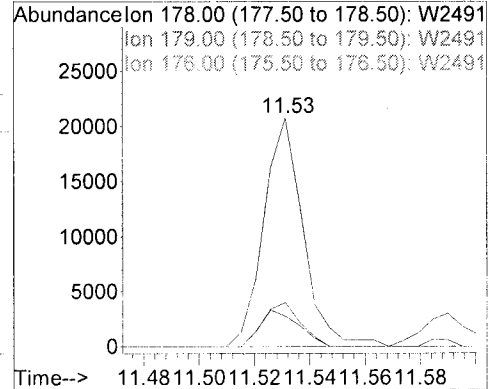
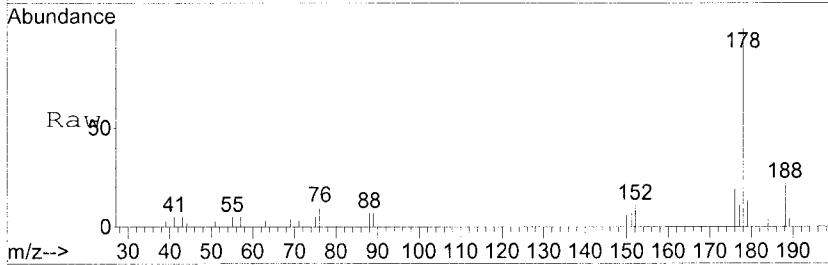
Tgt Ion	Resp	Lower	Upper
149	2276		
149	100		
177	0.0	1.2	41.2#
150	0.0	0.0	31.9





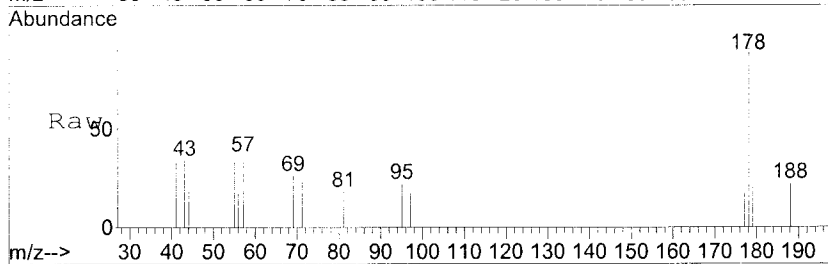
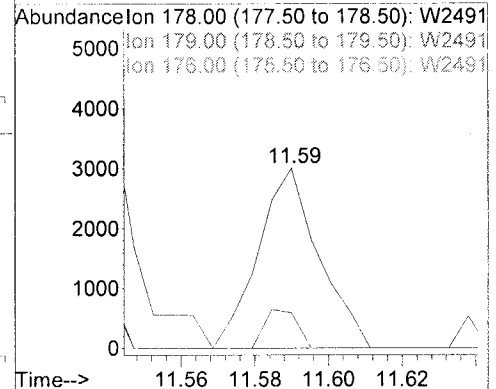
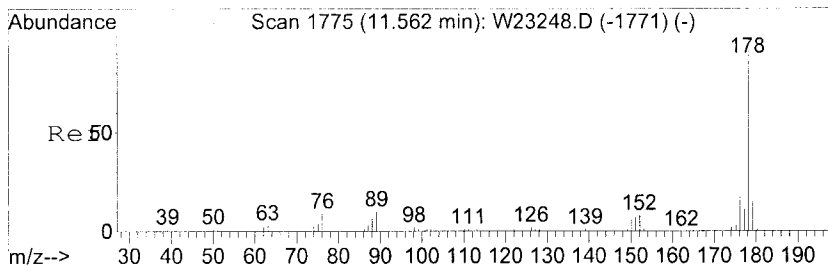
#63
 C640 Phenanthrene
 Concen: 3.23 ng
 RT: 11.53 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.3	0.0	34.3
176	19.3	0.0	38.0

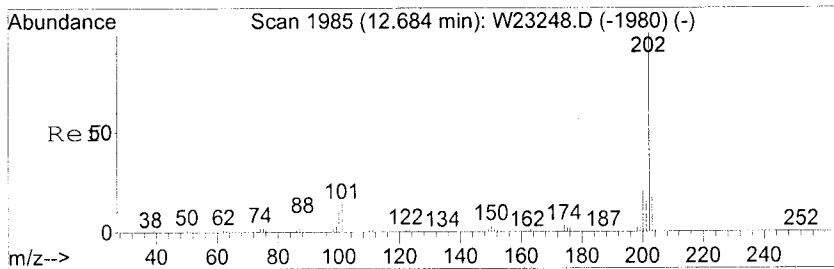


#64
 C645 Anthracene
 Concen: 0.53 ng
 RT: 11.59 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.7	0.0	34.5
176	0.0	0.0	37.1

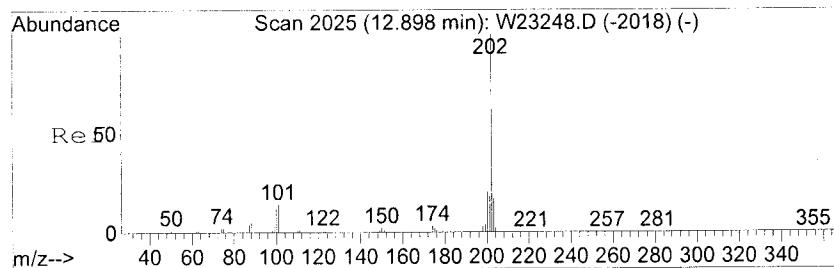
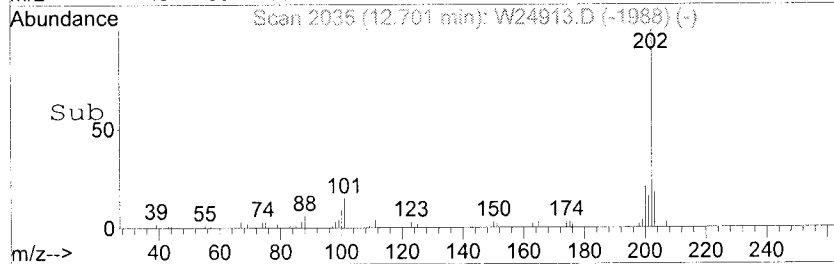
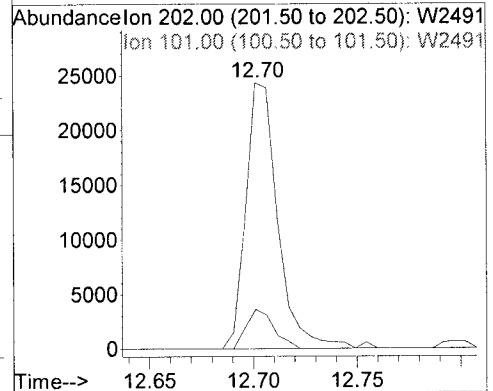
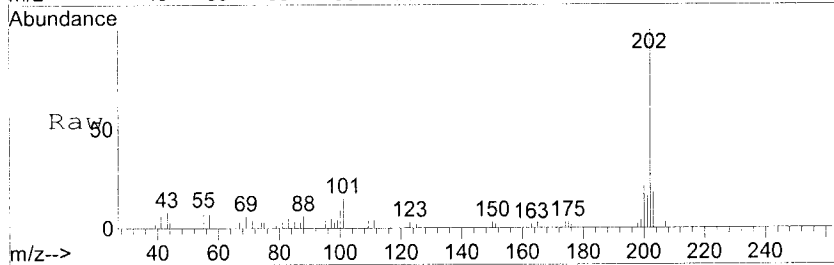


SOP
Ray
MM 7/1/14



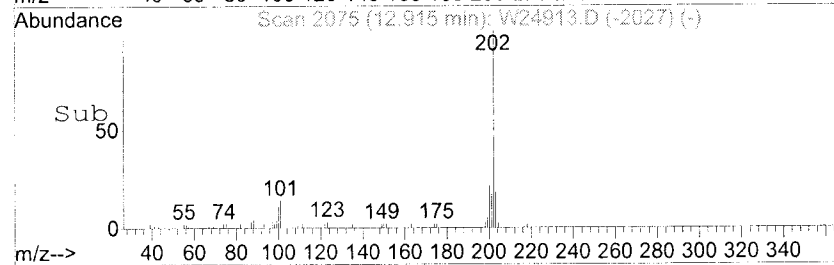
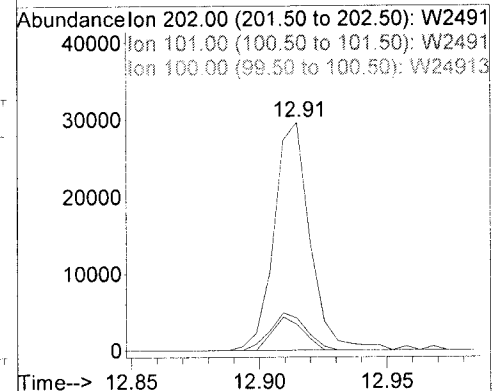
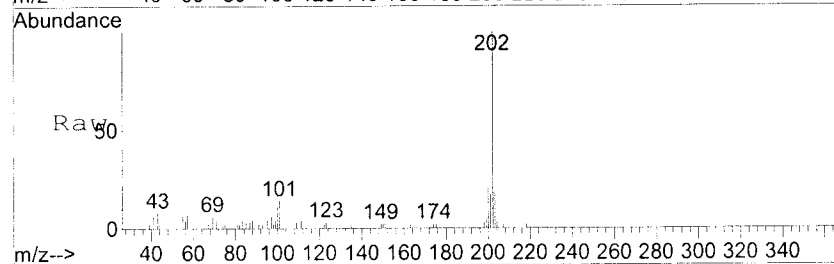
#67
 C655 Fluoranthene
 Concen: 3.56 ng
 RT: 12.70 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

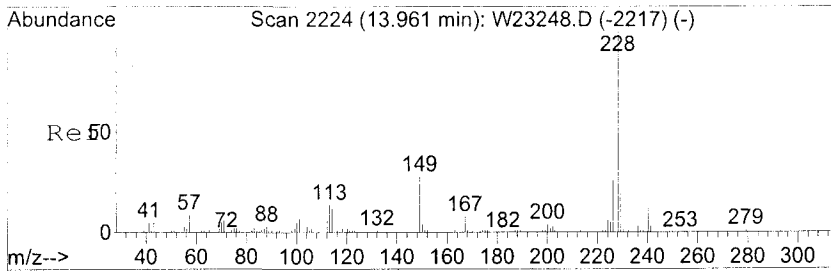
Tgt Ion	Resp	Lower	Upper
202	100		
101	14.8	0.0	30.7



#69
 C715 Pyrene
 Concen: 3.64 ng
 RT: 12.91 min Scan# 2075
 Delta R.T. 0.01 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

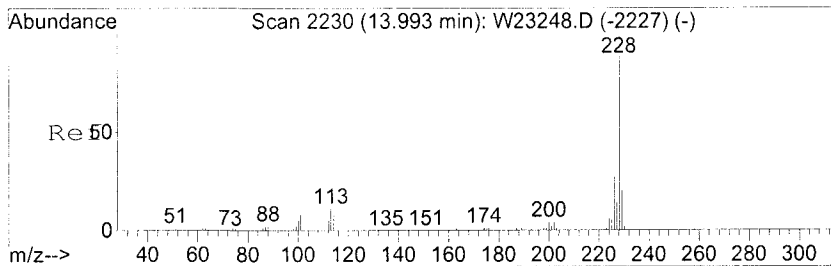
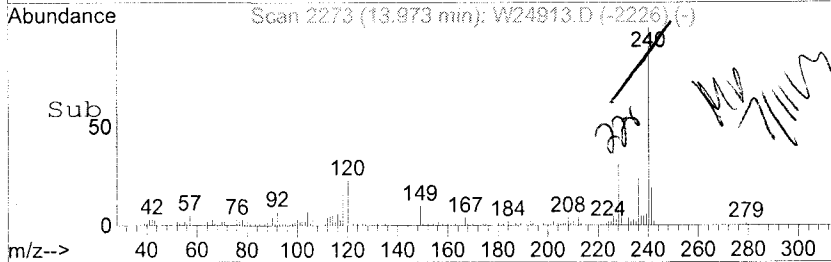
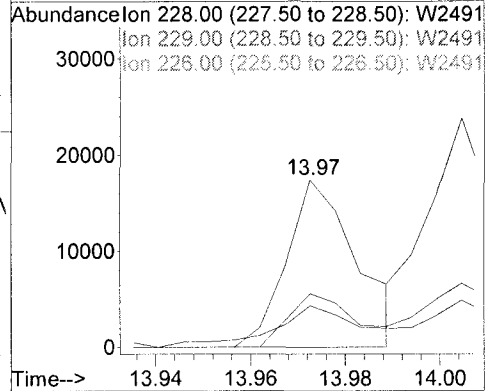
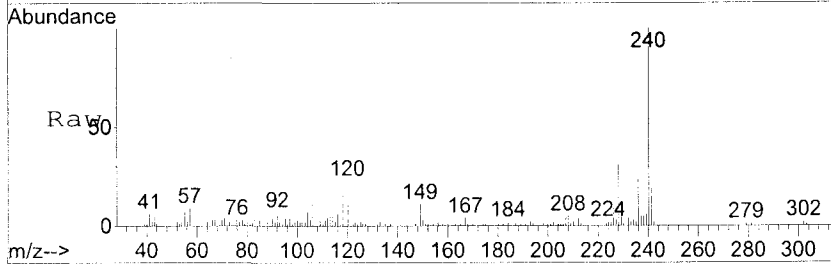
Tgt Ion	Resp	Lower	Upper
202	100		
101	14.1	0.0	34.3
100	11.3	0.0	31.1





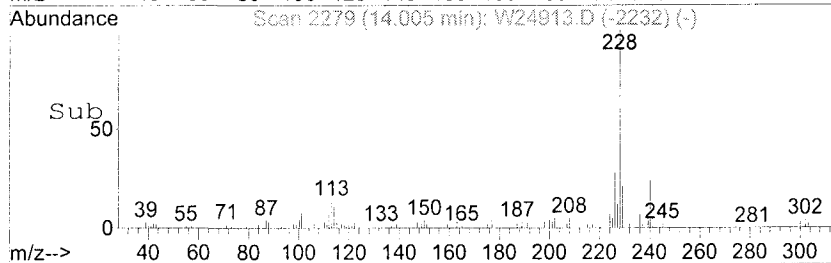
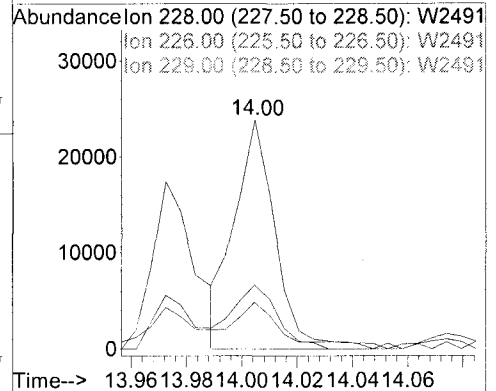
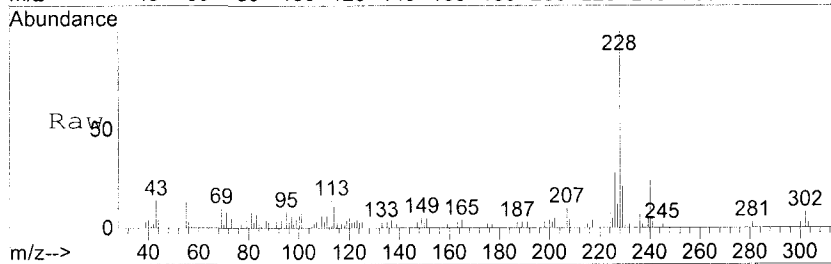
#74
 C730 Benzo[a]anthracene
 Concen: 2.14 ng
 RT: 13.97 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

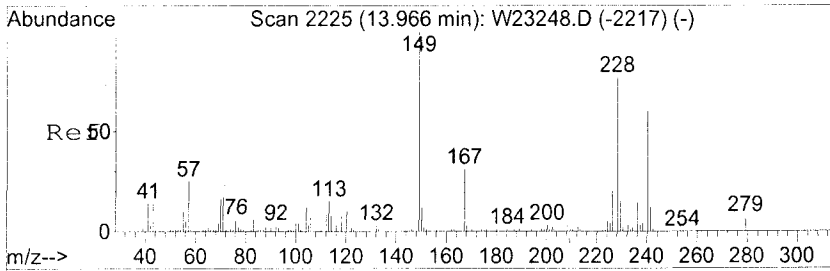
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	0.0	38.8
226	32.1	4.8	44.8



#75
 C735 Chrysene
 Concen: 3.10 ng
 RT: 14.00 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

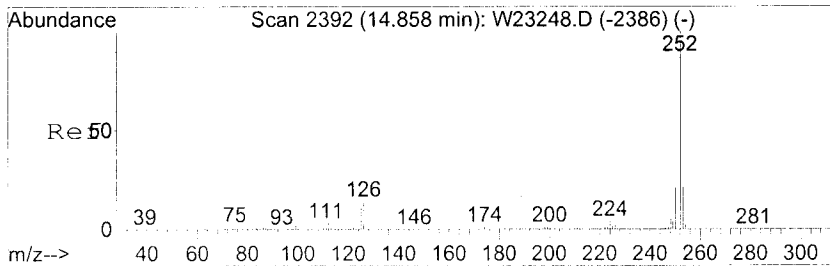
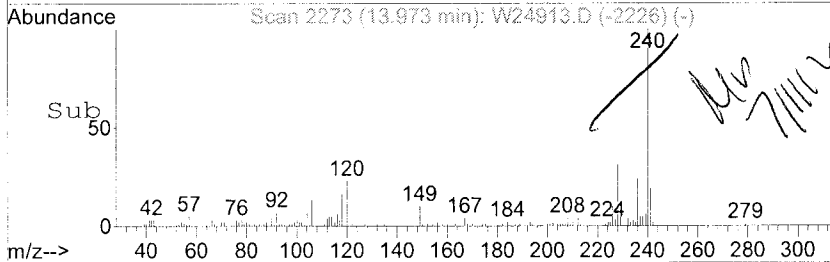
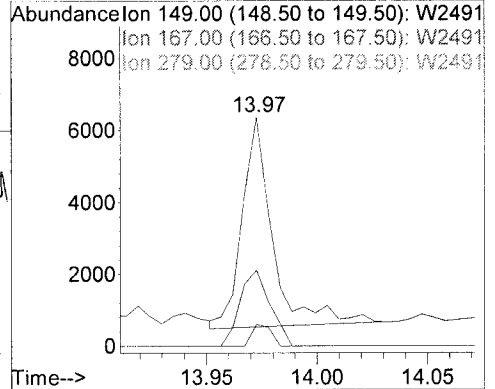
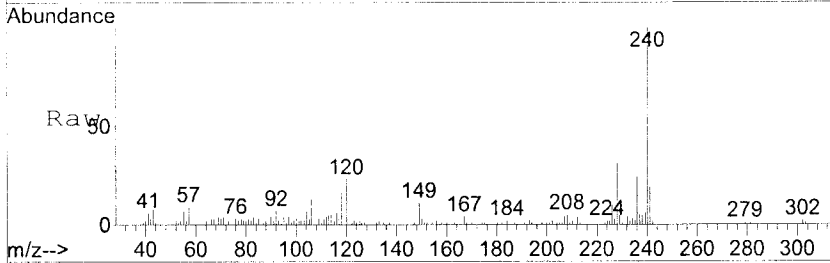
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	7.1	47.1
229	18.1	0.0	38.8





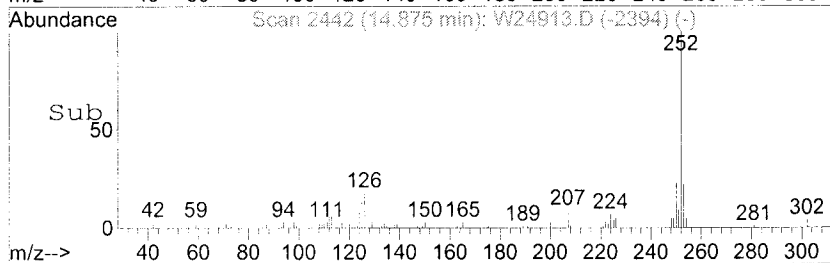
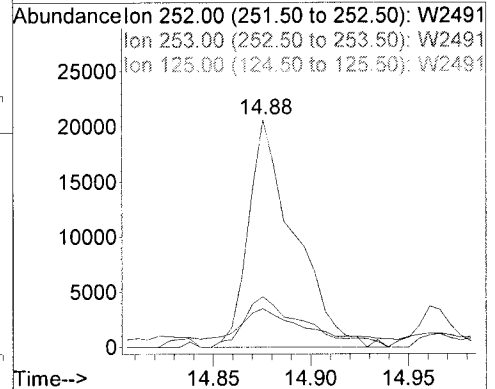
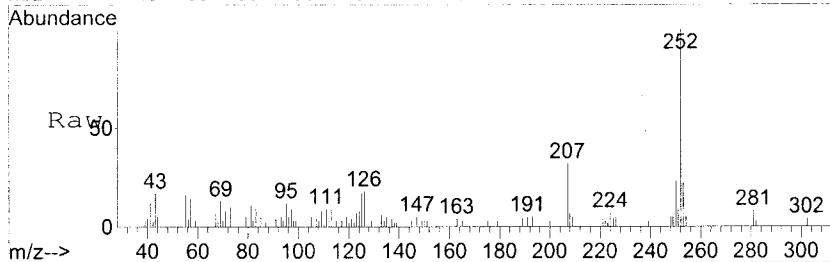
#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 0.93 ng
 RT: 13.97 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

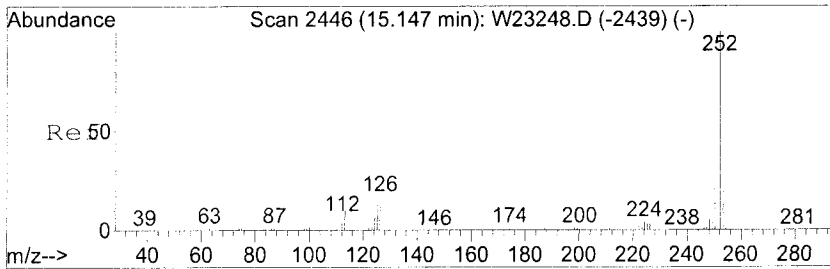
Tgt Ion	Resp	Lower	Upper
149	5576	100	
167	37.1	13.1	53.1
279	10.6	0.0	27.5



#79
 C765 Benzo[b]fluoranthene
 Concen: 2.73 ng
 RT: 14.88 min Scan# 2442
 Delta R.T. 0.01 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

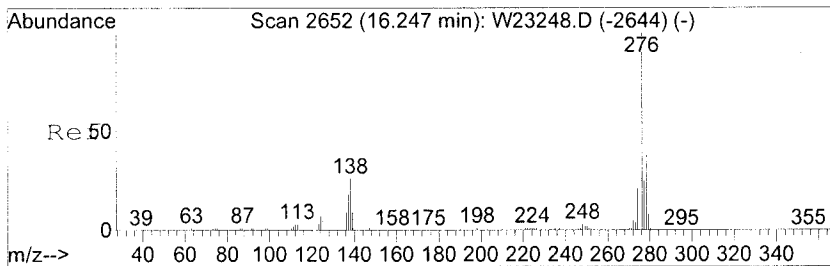
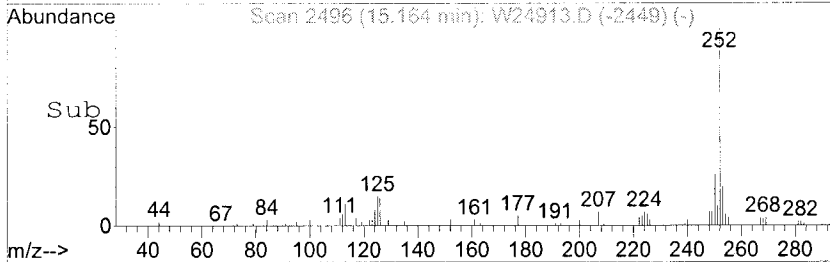
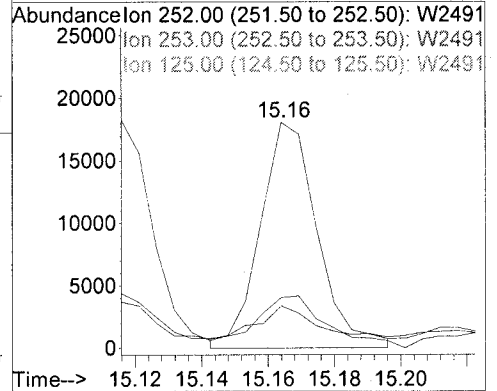
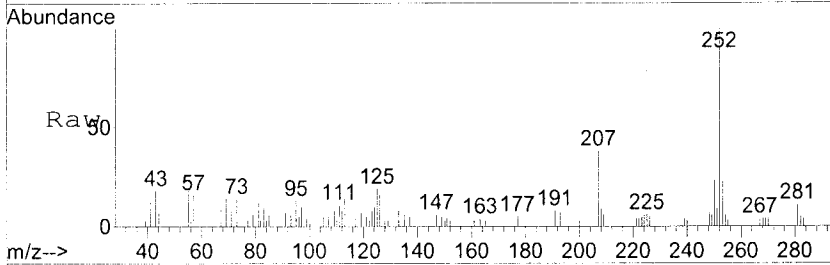
Tgt Ion	Resp	Lower	Upper
252	33828	100	
253	22.1	0.8	40.8
125	13.4	0.0	31.2





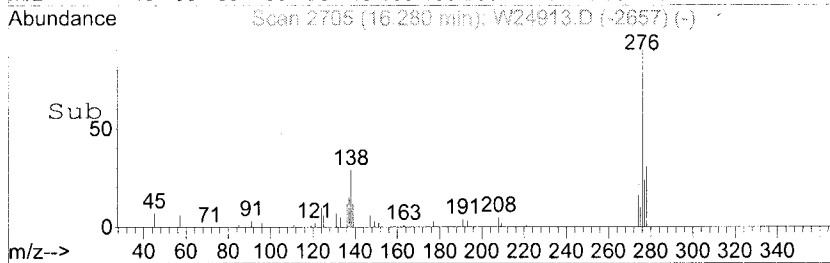
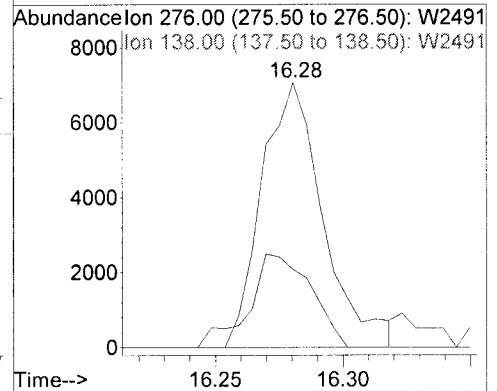
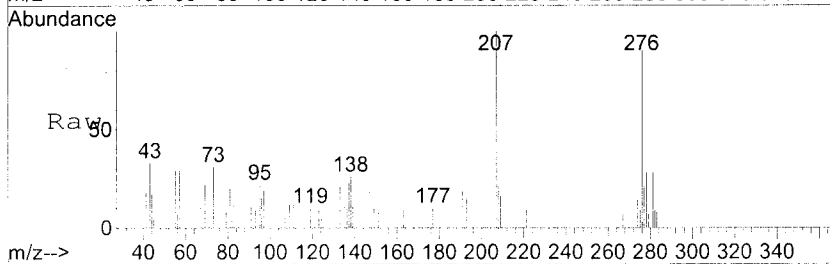
#81
 C775 Benzo[a]pyrene
 Concen: 1.86 ng
 RT: 15.16 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

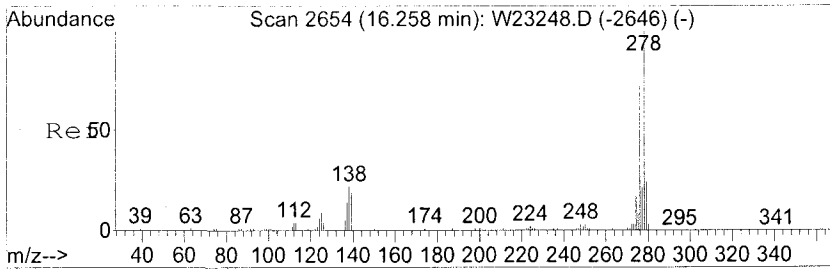
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	21641		
253	20.0		0.9	40.9
125	15.3		0.0	33.4



#82
 C780 Indeno[1,2,3-cd]pyrene
 Concen: 0.83 ng
 RT: 16.28 min Scan# 2705
 Delta R.T. 0.01 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

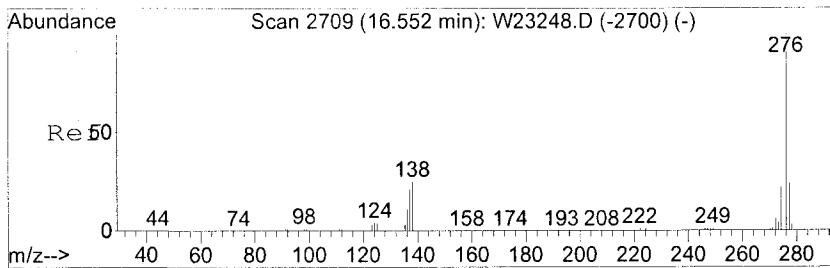
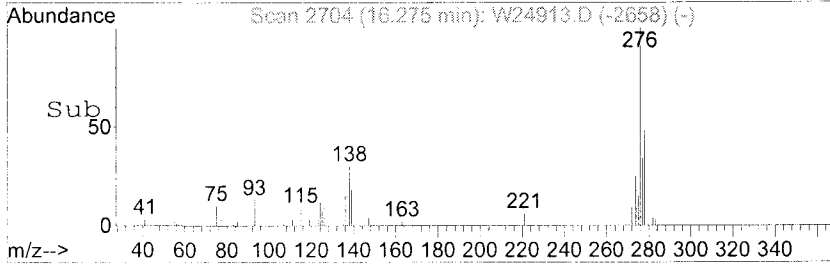
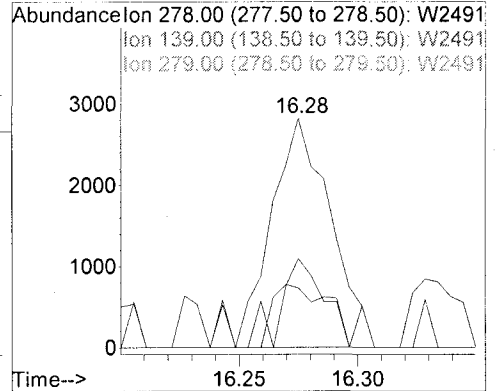
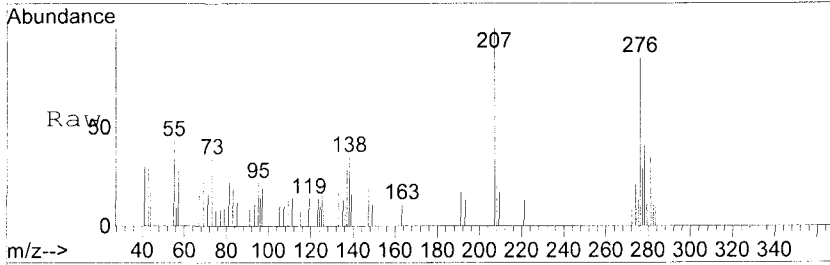
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	11848		
138	29.5		10.1	50.1





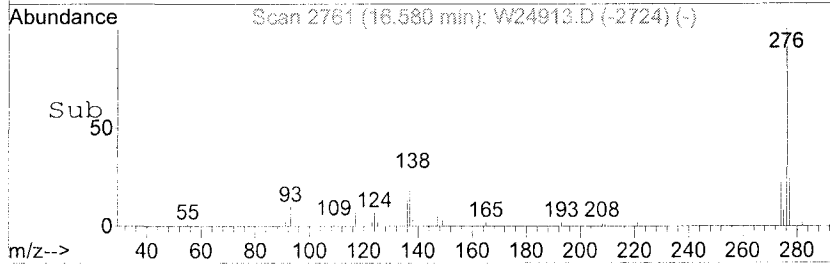
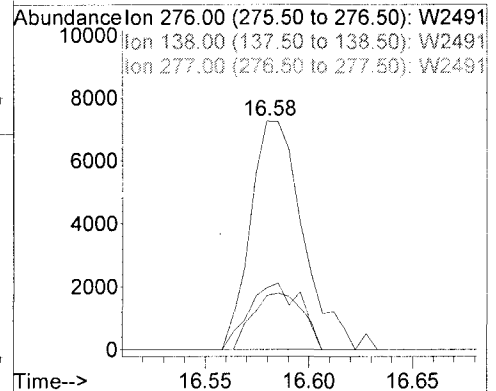
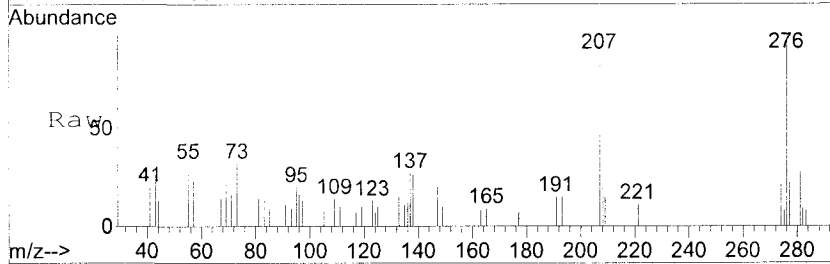
#83
 C785 Dibenz[a,h]anthracene
 Concen: 0.40 ng
 RT: 16.28 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	5064		
139	38.7		0.0	39.0
279	25.9		2.5	42.5



#84
 C790 Benzo[g,h,i]perylene
 Concen: 1.04 ng
 RT: 16.58 min Scan# 2761
 Delta R.T. -0.00 min
 Lab File: W24913.D
 Acq: 8 Jul 2008 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	12892		
138	27.1		7.8	47.8
277	23.7		3.7	43.7



Data File : C:\MSDCHEM\1\DATA\070808\W24913.D
 Acq On : 8 Jul 2008 21:00
 Sample : A8798803 DF5 AS8007824
 Misc :
 MS Integration Params: LSCINT.P

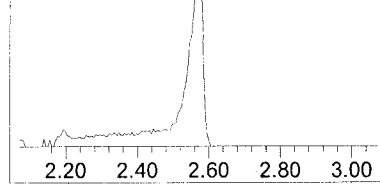
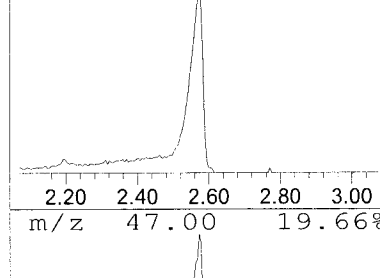
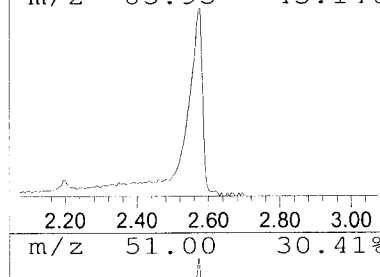
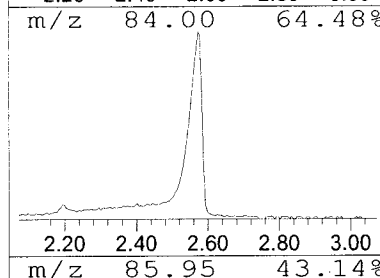
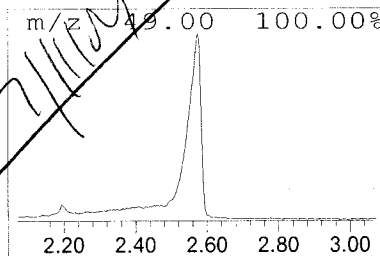
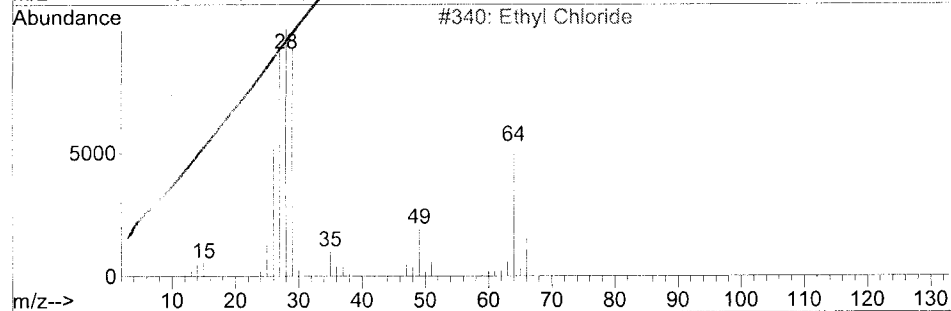
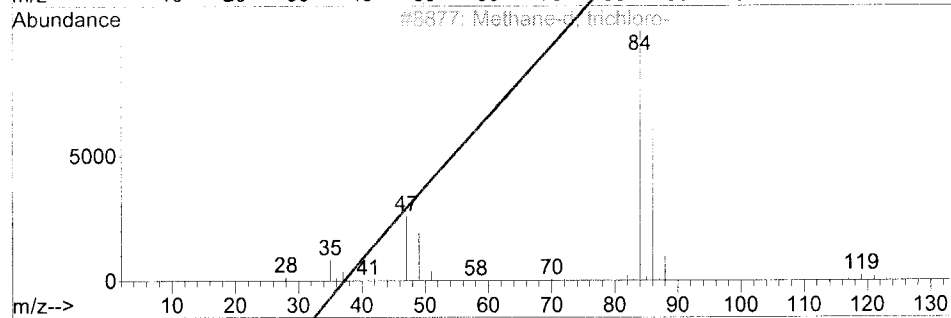
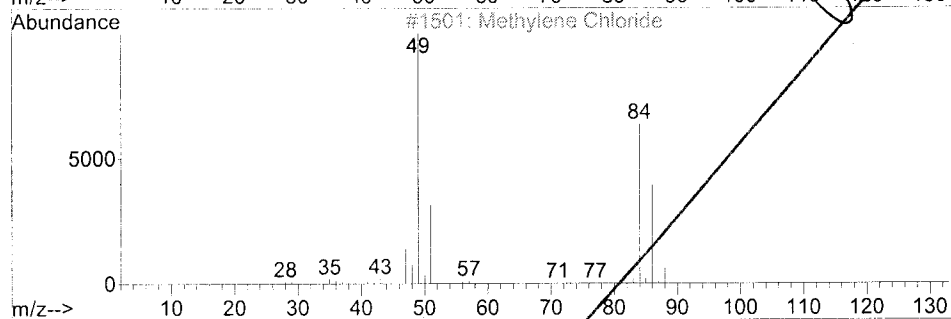
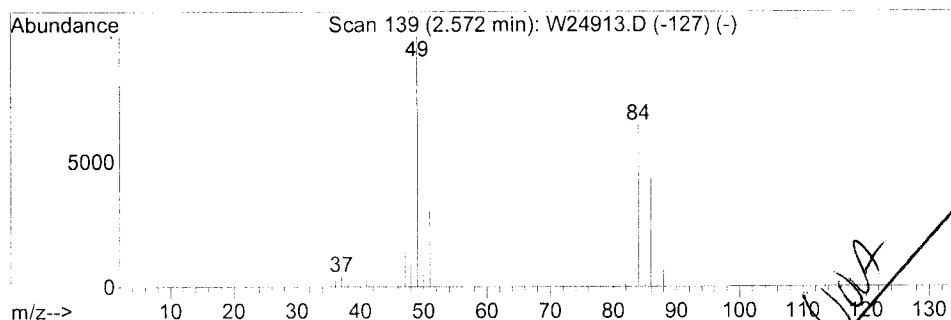
Vial: 27
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Methylene Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.57	69.38 ng	572945	CI30 1,4-Dichloro	330330	5.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methylene Chloride	84	CH2Cl2	000075-09-2	94
2			Methane-d, trichloro-	119	CDCl3	000865-49-6	10
3			Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4			Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5			Thiophene	84	C4H4S	000110-02-1	2



Data File : C:\MSDCHEM\1\DATA\070808\W24913.D

Vial: 27

Acq On : 8 Jul 2008 21:00

Operator: AJ

Sample : A8798803 DF5 AS8007824

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	|--Internal Standard--|			
					#	RT	Resp	Concl
Methylene Chloride	2.57	69.4	ng	572945	1	5.92	330330	40.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 30.11 (g/mL) G Lab File ID: W24992.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene		200	U
208-96-8-----	Acenaphthylene		200	U
98-86-2-----	Acetophenone		200	U
120-12-7-----	Anthracene		200	U
1912-24-9-----	Atrazine		200	U
100-52-7-----	Benzaldehyde		200	U
56-55-3-----	Benzo (a) anthracene		77	J
205-99-2-----	Benzo (b) fluoranthene		94	J
207-08-9-----	Benzo (k) fluoranthene		31	J
191-24-2-----	Benzo (ghi) perylene		46	J
50-32-8-----	Benzo (a) pyrene		71	J
92-52-4-----	Biphenyl		200	U
111-91-1-----	Bis (2-chloroethoxy) methane		200	U
111-44-4-----	Bis (2-chloroethyl) ether		200	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		200	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		210	
101-55-3-----	4-Bromophenyl phenyl ether		200	U
85-68-7-----	Butyl benzyl phthalate		200	U
105-60-2-----	Caprolactam		200	U
106-47-8-----	4-Chloroaniline		200	U
59-50-7-----	4-Chloro-3-methylphenol		200	U
91-58-7-----	2-Chloronaphthalene		200	U
95-57-8-----	2-Chlorophenol		200	U
7005-72-3-----	4-Chlorophenyl phenyl ether		200	U
86-74-8-----	Carbazole		200	U
218-01-9-----	Chrysene		100	BJ
53-70-3-----	Dibenzo (a, h) anthracene		15	J
132-64-9-----	Dibenzofuran		200	U
84-74-2-----	Di-n-butyl phthalate		69	J
91-94-1-----	3,3'-Dichlorobenzidine		200	U
120-83-2-----	2,4-Dichlorophenol		200	U
84-66-2-----	Diethyl phthalate		200	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 30.11 (g/mL) G Lab File ID: W24992.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

105-67-9-----	2,4-Dimethylphenol	200	U
131-11-3-----	Dimethyl phthalate	200	U
534-52-1-----	4,6-Dinitro-2-methylphenol	390	U
51-28-5-----	2,4-Dinitrophenol	390	U
121-14-2-----	2,4-Dinitrotoluene	200	U
606-20-2-----	2,6-Dinitrotoluene	200	U
117-84-0-----	Di-n-octyl phthalate	30	J
206-44-0-----	Fluoranthene	110	J
86-73-7-----	Fluorene	200	U
118-74-1-----	Hexachlorobenzene	200	U
87-68-3-----	Hexachlorobutadiene	200	U
77-47-4-----	Hexachlorocyclopentadiene	200	U
67-72-1-----	Hexachloroethane	200	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	40	J
78-59-1-----	Isophorone	200	U
91-57-6-----	2-Methylnaphthalene	200	U
95-48-7-----	2-Methylphenol	200	U
106-44-5-----	4-Methylphenol	200	U
91-20-3-----	Naphthalene	200	U
88-74-4-----	2-Nitroaniline	390	U
99-09-2-----	3-Nitroaniline	390	U
100-01-6-----	4-Nitroaniline	390	U
98-95-3-----	Nitrobenzene	200	U
88-75-5-----	2-Nitrophenol	200	U
100-02-7-----	4-Nitrophenol	390	U
86-30-6-----	N-nitrosodiphenylamine	200	U
621-64-7-----	N-Nitroso-Di-n-propylamine	200	U
87-86-5-----	Pentachlorophenol	390	U
85-01-8-----	Phenanthrene	51	J
108-95-2-----	Phenol	200	U
129-00-0-----	Pyrene	89	J
95-95-4-----	2,4,5-Trichlorophenol	200	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798804

Sample wt/vol: 30.11 (g/mL) G Lab File ID: W24992.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	<u>UG/KG</u>	<u>Q</u>
88-06-2-----	2,4,6-Trichlorophenol		200	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-018/4-6

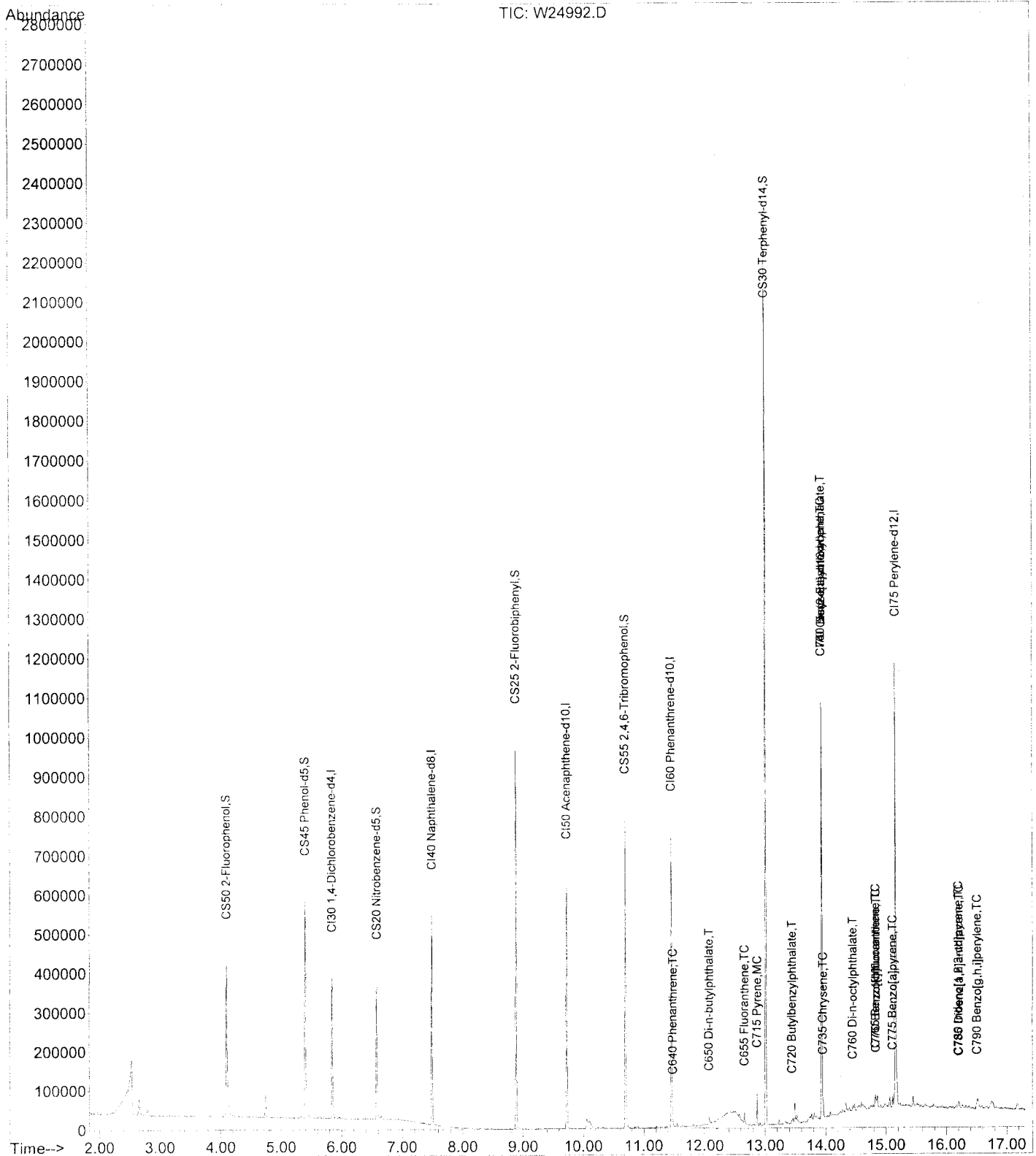
Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 30.11 (g/mL) G Lab File ID: W24992.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16.0 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 0
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

Data File : C:\MSDCHEM\1\DATA\071108\W24992.D
 Acq On : 11 Jul 2008 18:32
 Sample : A8798804 AS80007825
 Misc :
 MS Integration Params: rteint.p

Vial: 18
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 14 15:49:43 2008 Results File: A8I-516(7-11).RES
 Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\071108\W24992.D
 Acq On : 11 Jul 2008 18:32
 Sample : A8798804 AS80007825
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 14 15:49:43 2008

Vial: 18
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071108\W24976.D (11 Jul 2008 11:28)

518
su 7/14/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.84	152	64664	80.00	ng	0.00 143.70%
20) CI40 Naphthalene-d8	7.49	136	264611	80.00	ng	0.00 137.92%
35) CI50 Acenaphthene-d10	9.73	164	150092	80.00	ng	0.00 140.87%
56) CI60 Phenanthrene-d10	11.46	188	271331	80.00	ng	0.00 147.75%
68) CI70 Chrysene-d12	13.94	240	340665	80.00	ng	0.00 158.71%
78) CI75 Perylene-d12	15.16	264	380964	80.00	ng	0.00 199.97%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.10	112	164368	143.23	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	95.49%		
5) CS45 Phenol-d5	5.40	99	241496	169.68	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	113.12%#		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.58	82	131382	108.08	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	108.08%		
39) CS25 2-Fluorobiphenyl	8.89	172	303866	118.87	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	118.87%#		
59) CS55 2,4,6-Tribromophenol	10.69	330	85492	225.79	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	150.53%#		
71) CS30 Terphenyl-d14	13.01	244	580899	145.00	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	145.00%#		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0		N.D.	
4) C325 bis(2-Chloroethyl)e	0.00	93	0		N.D.	
7) C315 Phenol	0.00	94	0		N.D.	
8) C330 2-Chlorophenol	0.00	128	0		N.D.	
9) C320 aniline	0.00	93	0		N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0		N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0		N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0		N.D.	
14) C345 Benzyl alcohol	0.00	108	0		N.D.	
15) C360 bis(2-chloroisoprop	0.00	45	0		N.D.	
16) C355 2-Methylphenol	0.00	108	0		N.D.	
17) C375 Hexachloroethane	0.00	117	0		N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0		N.D.	
19) C365 4-Methylphenol	0.00	108	0		N.D.	
22) C410 Nitrobenzene	6.58	77	213		N.D.	
23) C415 Isophorone	0.00	82	0		N.D.	
24) C430 benzoic acid	0.00	122	0		N.D.	
25) C420 2-Nitrophenol	0.00	139	0		N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0		N.D.	
27) C435 bis(2-Chloroethoxy)	0.00	93	0		N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0		N.D.	

m 8/7/08

Data File : C:\MSDCHEM\1\DATA\071108\W24992.D
 Acq On : 11 Jul 2008 18:32
 Sample : A8798804 AS80007825
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 14 15:49:43 2008

Vial: 18
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071108\W24976.D (11 Jul 2008 11:28)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0		N.D.		
30) C450 Naphthalene	7.52	128	598		N.D.		
31) C455 4-Chloroaniline	0.00	127	0		N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0		N.D.		
33) C465 4-Chloro-3-methylph	0.00	107	0		N.D.		
34) C470 2-Methylnaphthalene	0.00	142	0		N.D.		
36) C510 Hexachlorocyclopent	0.00	237	0		N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0		N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0		N.D.		
40) C525 2-Chloronaphthalene	0.00	162	0		N.D.		
41) C530 2-Nitroaniline	0.00	65	0		N.D.		
42) C540 Acenaphthylene	0.00	152	0		N.D.	d	
43) C535 Dimethylphthalate	0.00	163	0		N.D.		
44) C542 2,6-Dinitrotoluene	0.00	165	0		N.D.		
45) C550 Acenaphthene	0.00	153	0		N.D.		
46) C545 3-Nitroaniline	0.00	138	0		N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0		N.D.		
48) C565 Dibenzofuran	0.00	168	0		N.D.		
49) C570 2,4-Dinitrotoluene	0.00	165	0		N.D.		
50) C560 4-Nitrophenol	0.00	109	0		N.D.		
51) C590 Fluorene	0.00	166	0		N.D.		
52) C585 4-Chlorophenyl-phen	0.00	204	0		N.D.		
53) C580 Diethylphthalate	10.31	149	480		N.D.		
54) C620 1,2 diphenylhydrazi	10.69	77	483		N.D.		
55) C595 4-Nitroaniline	0.00	138	0		N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0		N.D.		
58) C615 n-Nitrosodiphenylam	0.00	169	0		N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0		N.D.		
61) C630 Hexachlorobenzene	0.00	284	0		N.D.		
62) C635 Pentachlorophenol	0.00	266	0		N.D.		
63) C640 Phenanthrene	11.48	178	5161	1.29	ng		98
64) C645 Anthracene	0.00	178	0		N.D.	d	
65) C647 carbazole	11.73	167	353		N.D.		
66) C650 Di-n-butylphthalate	12.08	149	7871	1.75	ng		99
67) C655 Fluoranthene	12.66	202	12071	2.74	ng		94
68) C715 Pyrene	12.87	202	11517	2.24	ng		82
70) C710 benzidine	0.00	184	0		N.D.		
72) C720 Butylbenzylphthalate	13.44	149	2500	1.05	ng		95
73) C725 3,3'-Dichlorobenzid	0.00	252	0		N.D.		
74) C730 Benzo[a]anthracene	13.93	228	10100	1.94	ng		90
75) C735 Chrysene	13.96	228	12941	2.56	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.93	149	19331	5.40	ng		96
77) C760 Di-n-octylphthalate	14.45	149	4161	0.76	ng		85
78) C765 Benzo[b]fluoranthene	14.82	252	16443m	2.38	ng		94
79) C770 Benzo[k]fluoranthene	14.84	252	5090m	0.79	ng		94
80) C775 Benzo[a]pyrene	15.11	252	10829	1.81	ng		90
81) C780 Indeno[1,2,3-cd]pyren	16.21	276	8731	1.02	ng		95
82) C785 Dibenz[a,h]anthracene	16.21	278	2772	0.37	ng	#	48
84) C790 Benzo[g,h,i]perylene	16.50	276	8392	1.17	ng		91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\071108\W24992.D Vial: 18
 Acq On : 11 Jul 2008 18:32 Operator: AJ
 Sample : A8798804 AS80007825 Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 16 12:16:35 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Wed Jul 16 12:08:16 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24889.D (8 Jul 2008 11:46)

*SS
AJ
7-16-08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.84	152	64664	40.00	ng	-0.07 100.69%
4) CI40 Naphthalene-d8	7.49	136	264611	40.00	ng	-0.06 111.92%
7) CI50 Acenaphthene-d8	9.73	164	150092	40.00	ng	-0.06 121.27%
10) CI60 Phenanthrene-d10	11.46	188	271331	40.00	ng	-0.05 141.66%
12) CI70 Chrysene-d12	13.94	240	340665	40.00	ng	-0.04 167.17%
13) CI75 Perylene-d12	15.16	264	380964	40.00	ng	-0.05 198.10%
						Qvalue
2) E600 Benzaldehyde	0.00	77	0		N.D.	
3) E145 Acetophenone	0.00	105	0		N.D.	
5) E655 Caprolactam	0.00	113	0		N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0		N.D.	
8) C811 1,1'-Biphenyl	8.89	154	183		N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0		N.D.	
11) E510 Atrazine	0.00	200	0		N.D.	

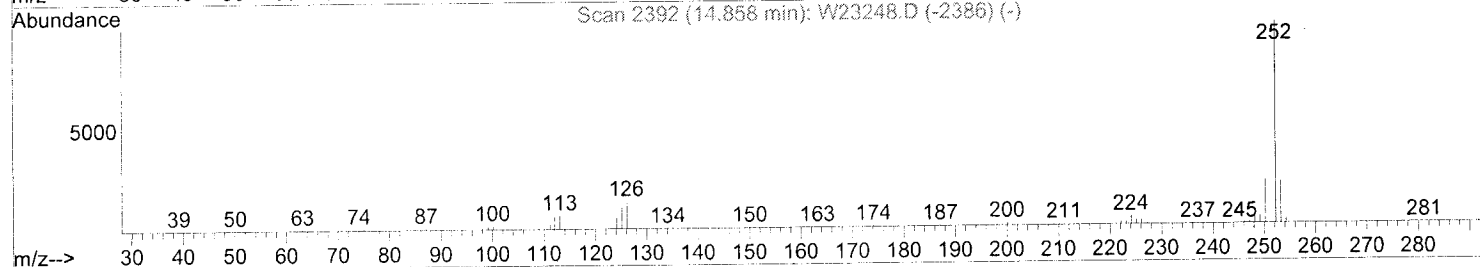
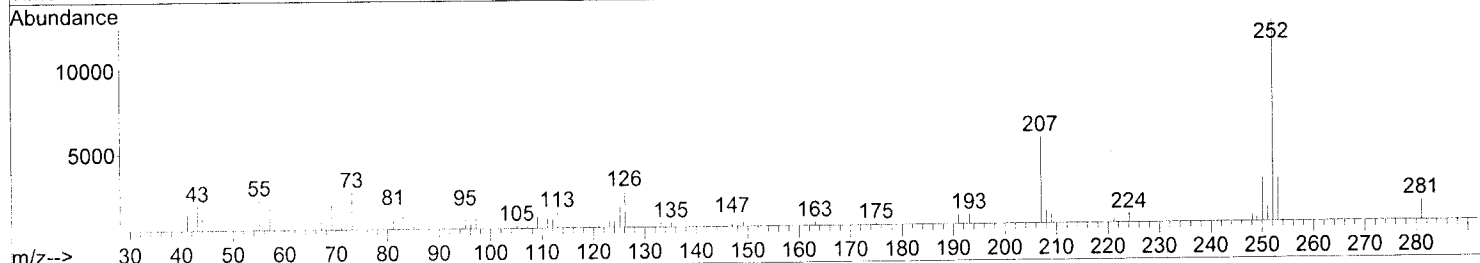
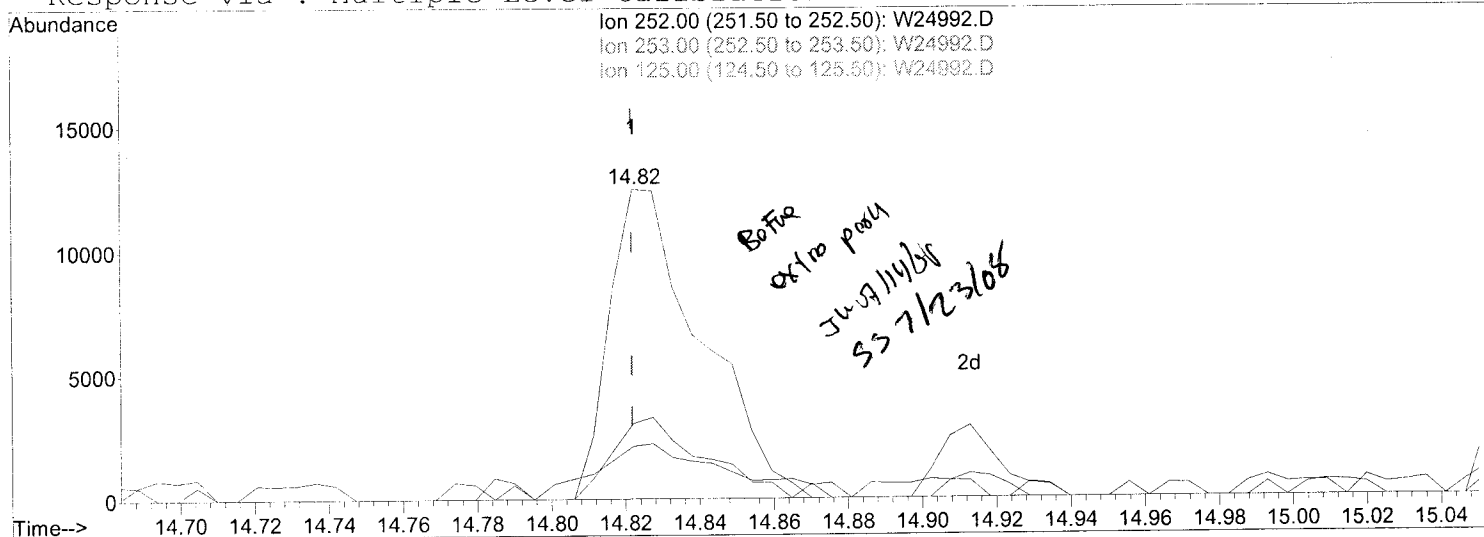
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 8/17/08

Data File : C:\MSDCHEM\1\DATA\071108\W24992.D
 Acq On : 11 Jul 2008 18:32
 Sample : A8798804 AS80007825
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 14 15:29:42 2008

Vial: 18
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Multiple Level Calibration



TIC: W24992.D

(79) C765 Benzo[b]fluoranthene (TC)

14.82min (+0.000) 3.12ng

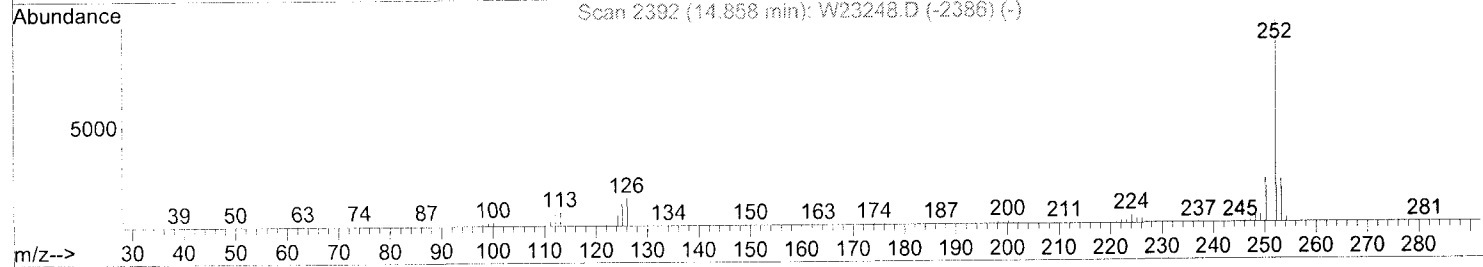
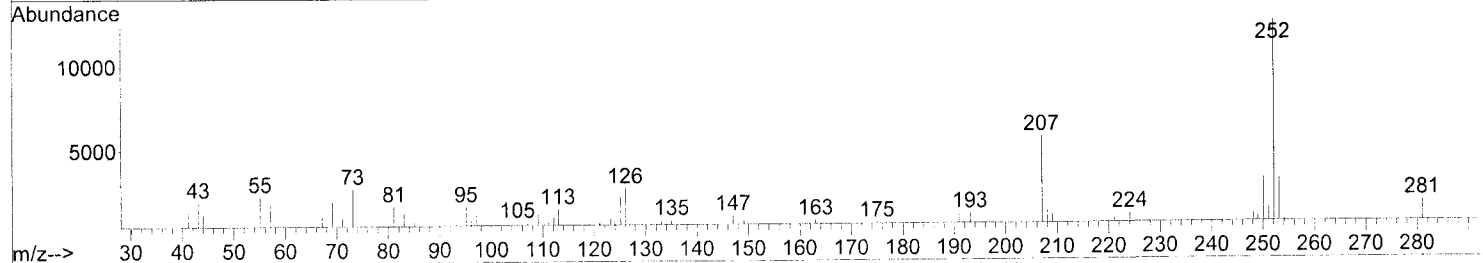
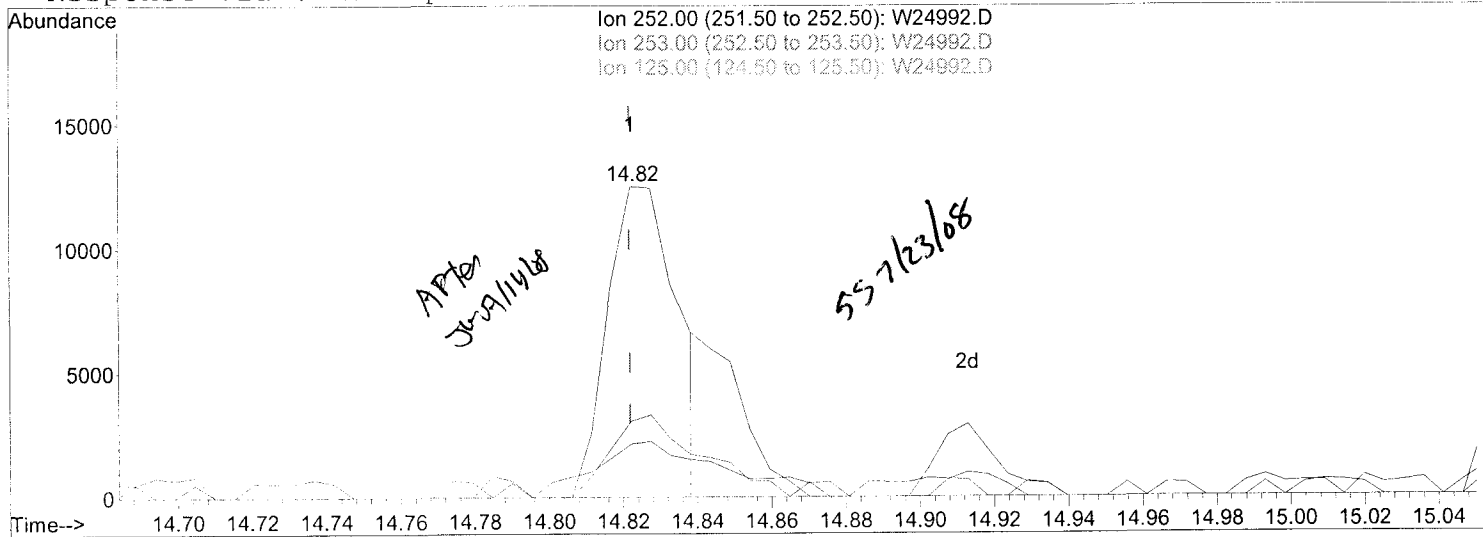
response 21538

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	24.44
125.00	11.20	12.17
0.00	0.00	0.00

Data File : C:\MSDCHEM\1\DATA\071108\W24992.D
Acq On : 11 Jul 2008 18:32
Sample : A8798804 AS80007825
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 14 15:29:42 2008

Vial: 18
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jul 14 15:29:14 2008
Response via : Multiple Level Calibration



TIC: W24992.D

(79) C765 Benzo[b]fluoranthene (TC)

14.82min (+0.000) 2.38ng m

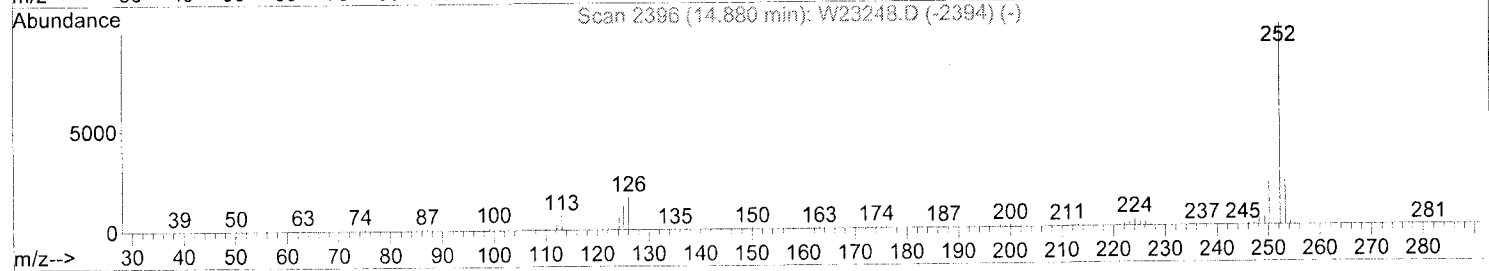
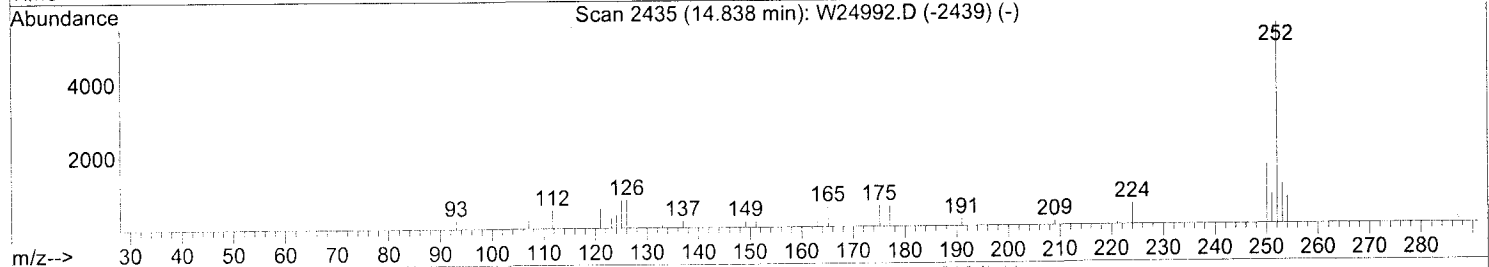
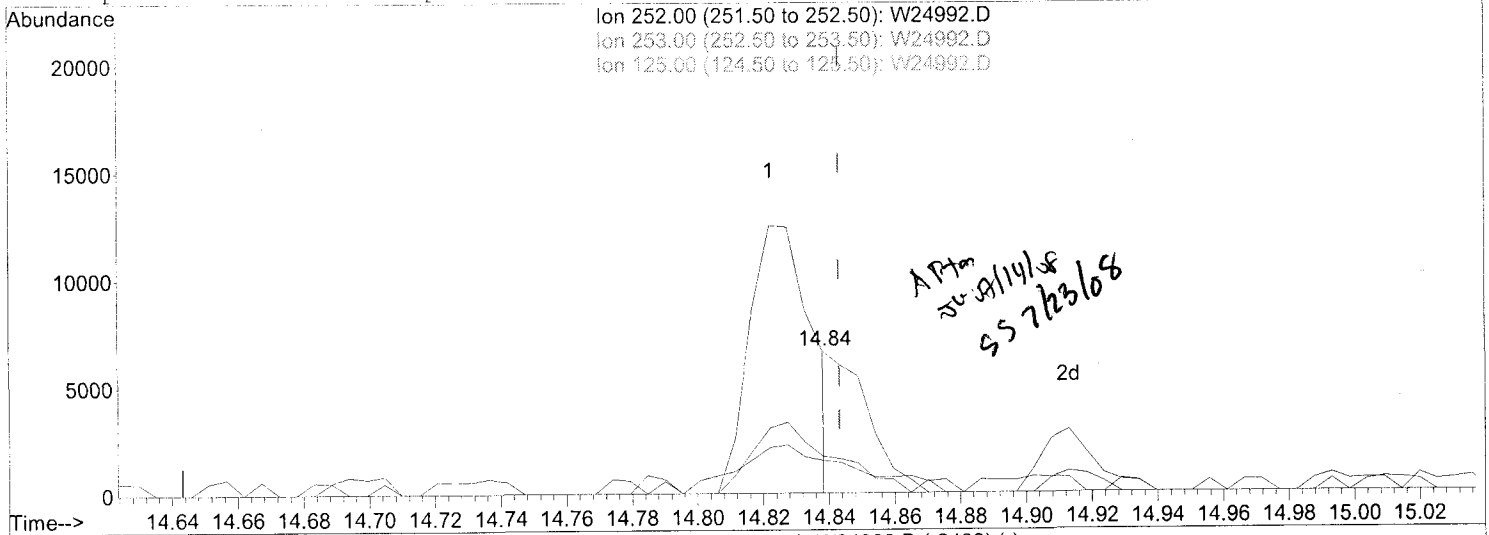
response 16443

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	24.44
125.00	11.20	17.05
0.00	0.00	0.00

Data File : C:\MSDCHEM\1\DATA\071108\W24992.D
Acq On : 11 Jul 2008 18:32
Sample : A8798804 AS80007825
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 14 15:29:42 2008

Vial: 18
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jul 14 15:29:14 2008
Response via : Multiple Level Calibration



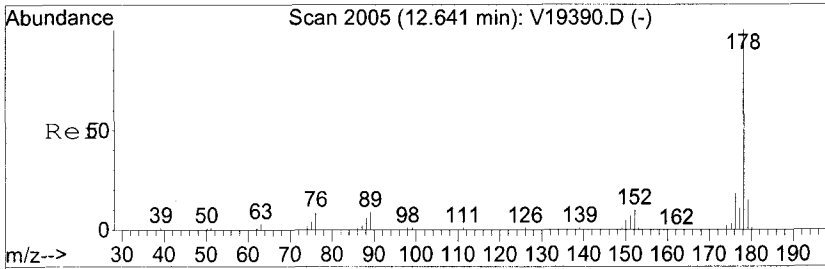
TIC: W24992.D

(80) C770 Benzo[k]fluoranthene (TC)

14.84min (-0.005) 0.79ng m

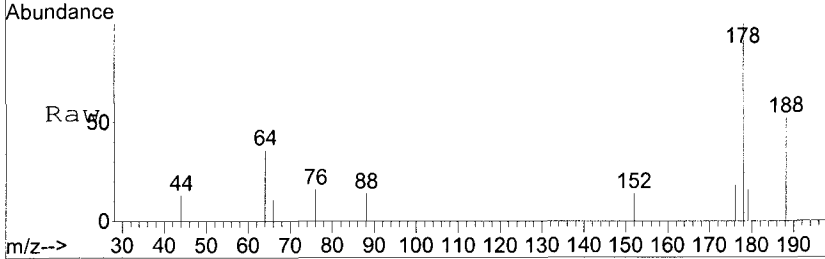
response 5090

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	25.78
125.00	11.00	22.75
0.00	0.00	0.00

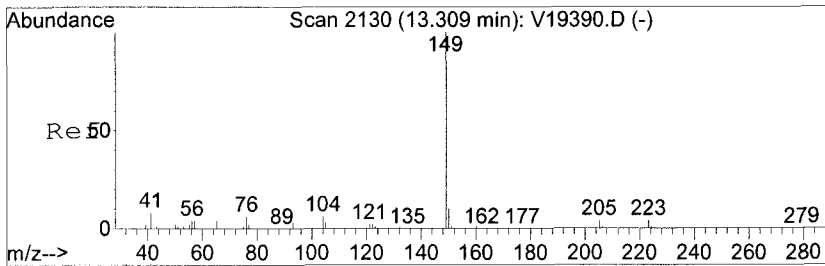
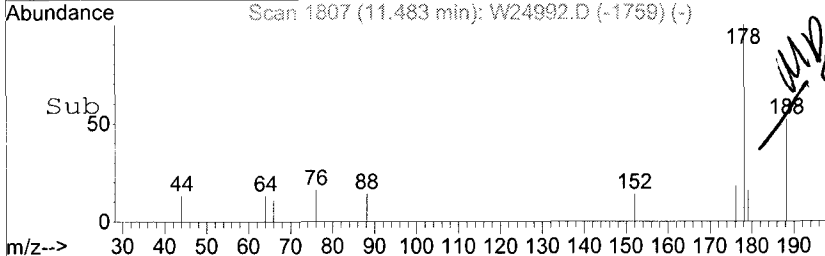
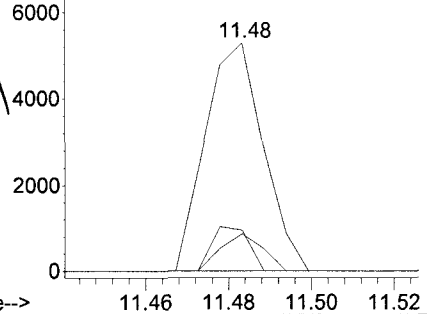


#63
 C640 Phenanthrene
 Concen: 1.29 ng
 RT: 11.48 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	0.0	34.3
176	18.0	0.0	38.0

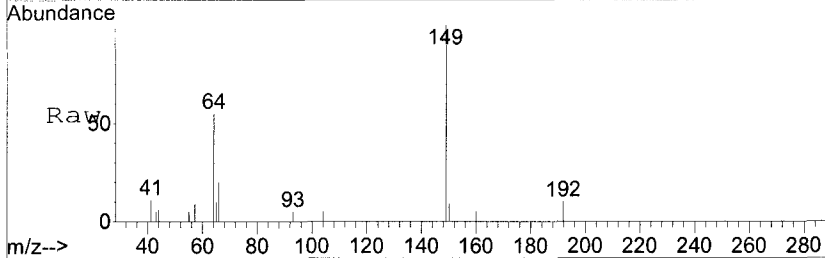


Abundance Ion 178.00 (177.50 to 178.50): W2499
 Ion 179.00 (178.50 to 179.50): W2499
 Ion 176.00 (175.50 to 176.50): W2499

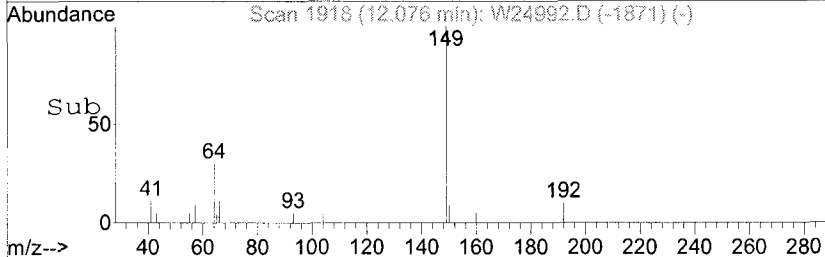
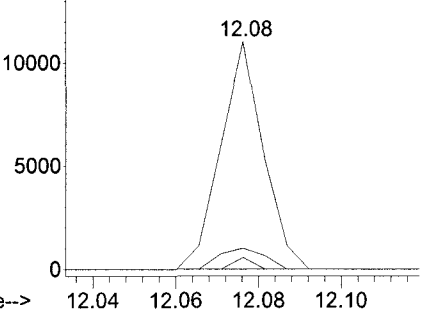


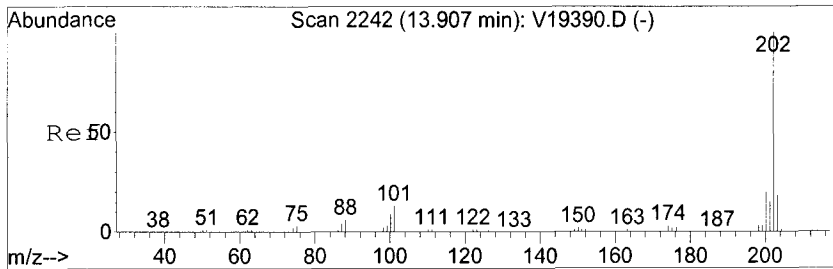
#66
 C650 Di-n-butylphthalate
 Concen: 1.75 ng
 RT: 12.08 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	0.0	28.5
104	5.1	0.0	25.2



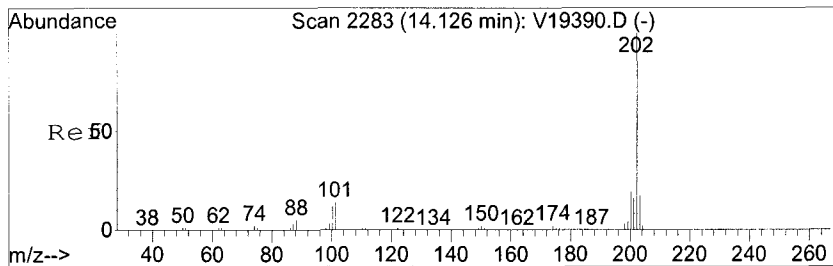
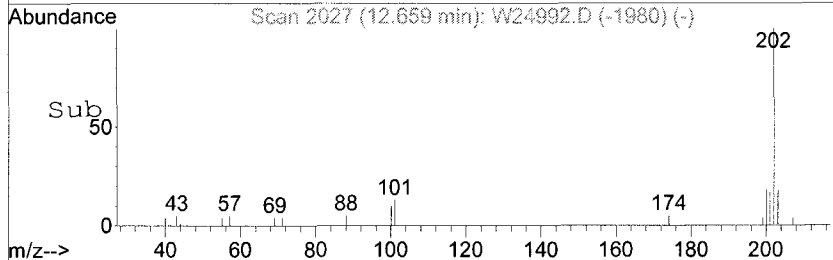
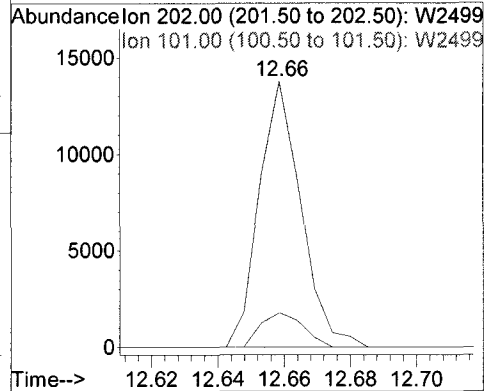
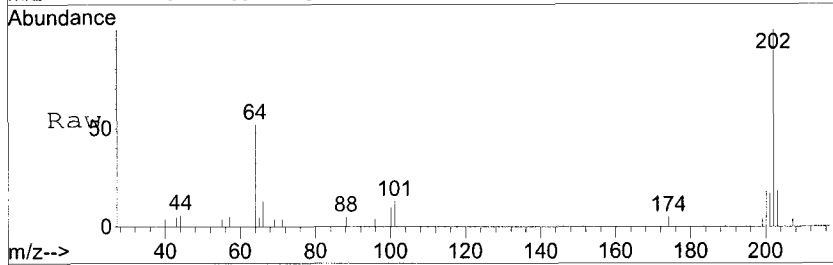
Abundance Ion 149.00 (148.50 to 149.50): W2499
 Ion 150.00 (149.50 to 150.50): W2499
 Ion 104.00 (103.50 to 104.50): W2499





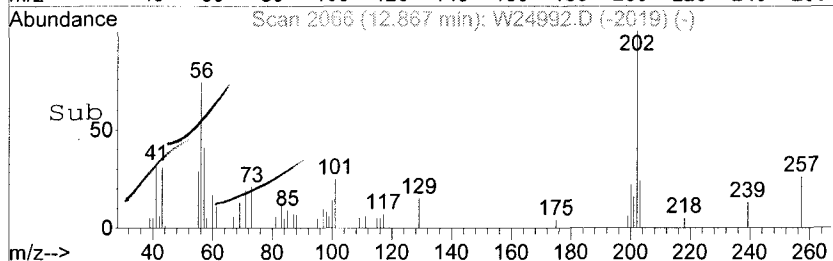
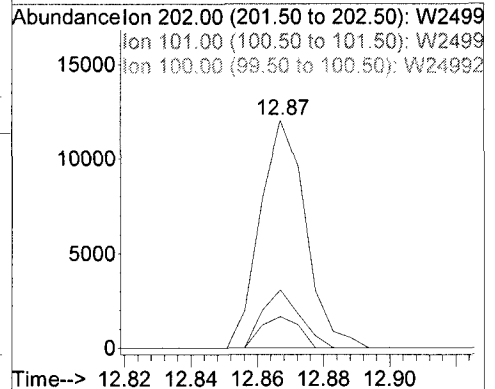
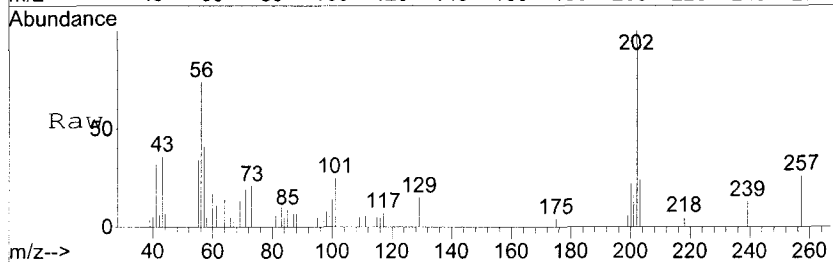
#67
 C655 Fluoranthene
 Concen: 2.74 ng
 RT: 12.66 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

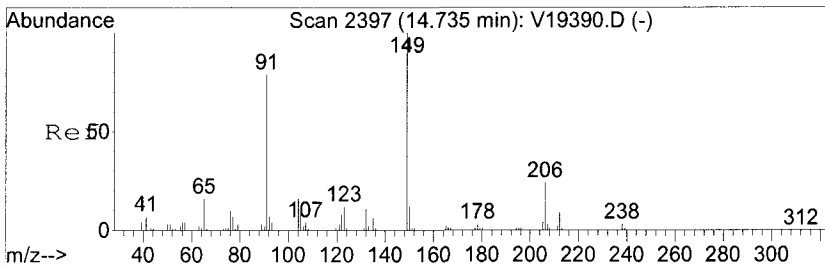
Tgt Ion	Resp	Lower	Upper
202	12071	100	30.7
101	12.9	0.0	



#69
 C715 Pyrene
 Concen: 2.24 ng
 RT: 12.87 min Scan# 2066
 Delta R.T. 0.00 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

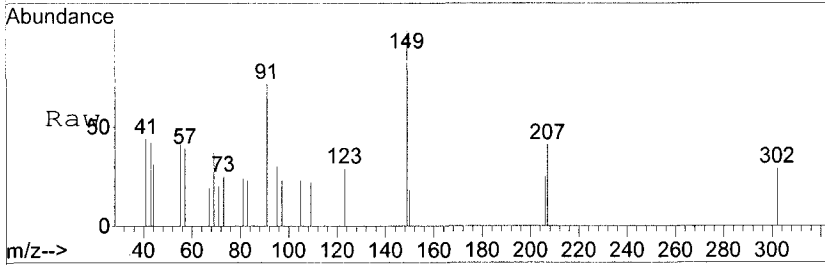
Tgt Ion	Resp	Lower	Upper
202	11517	100	34.3
101	25.4	0.0	
100	13.7	0.0	31.1



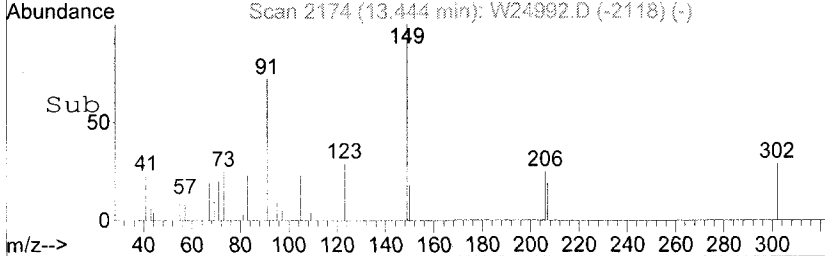
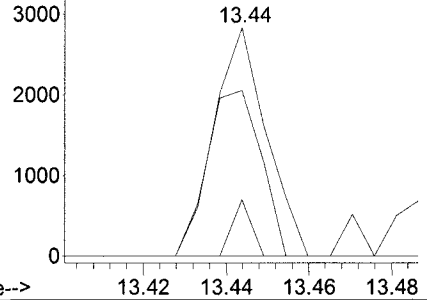


#72
 C720 Butylbenzylphthalate
 Concen: 1.05 ng
 RT: 13.44 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.0	97.0
206	24.8	2.7	42.7

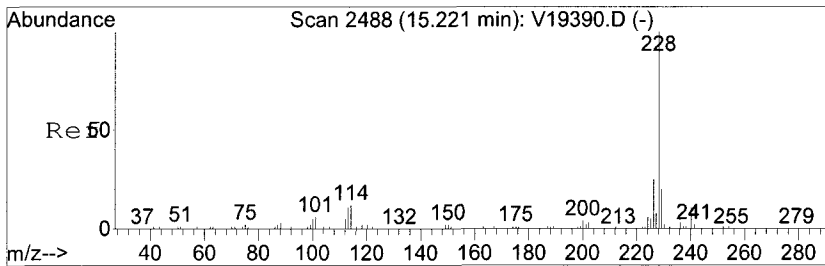


Abundance Ion 149.00 (148.50 to 149.50): W2499
 Ion 91.00 (90.50 to 91.50): W24992.D
 Ion 206.00 (205.50 to 206.50): W2499

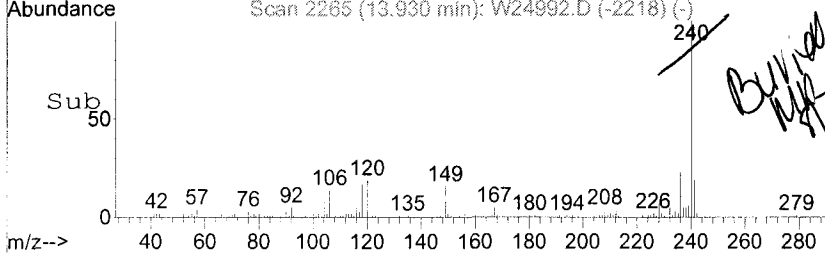
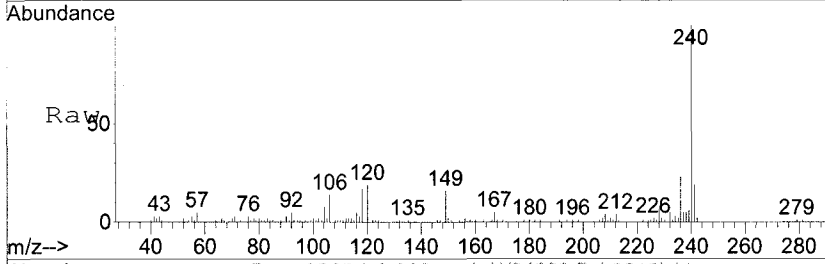
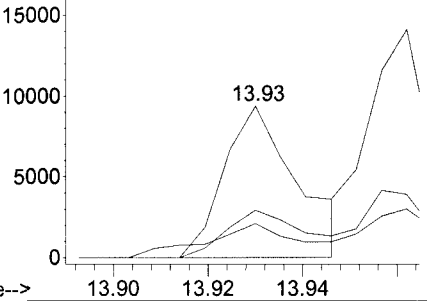


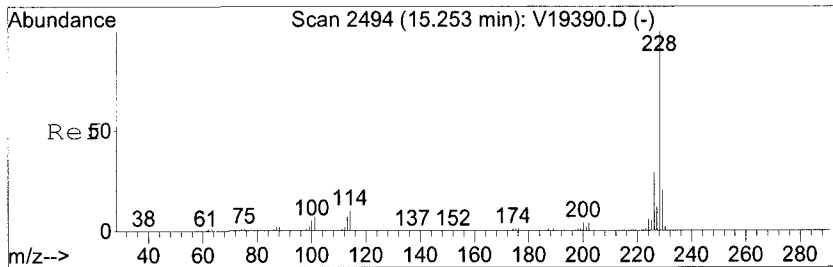
#74
 C730 Benzo[a]anthracene
 Concen: 1.94 ng
 RT: 13.93 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	16.3	0.0	38.8
226	31.2	4.8	44.8



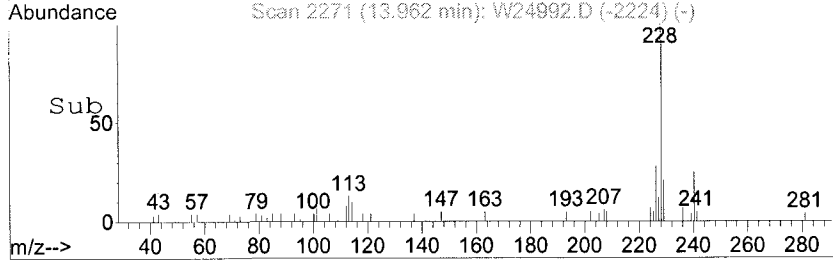
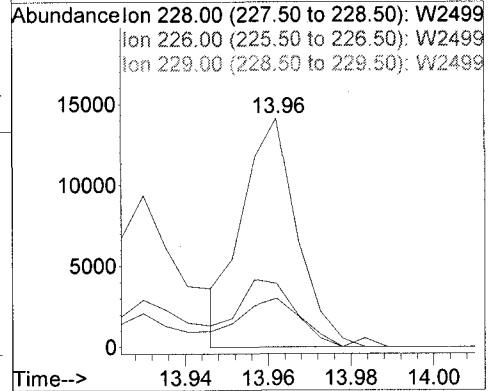
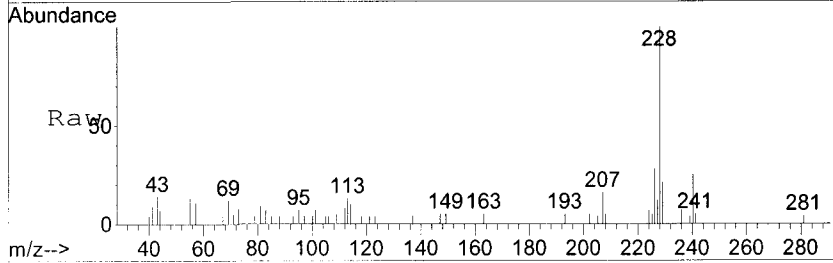
Abundance Ion 228.00 (227.50 to 228.50): W2499
 Ion 229.00 (228.50 to 229.50): W2499
 Ion 226.00 (225.50 to 226.50): W2499





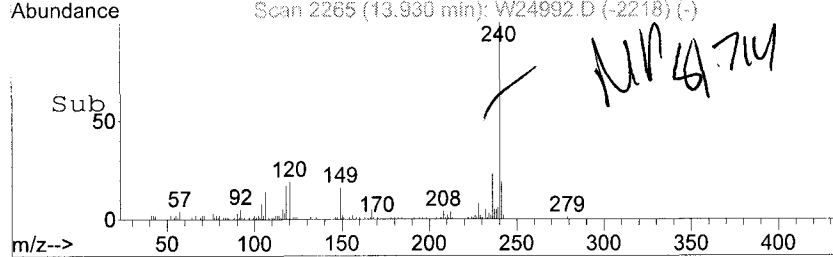
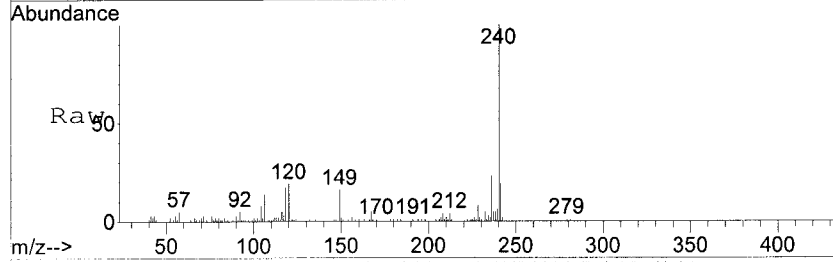
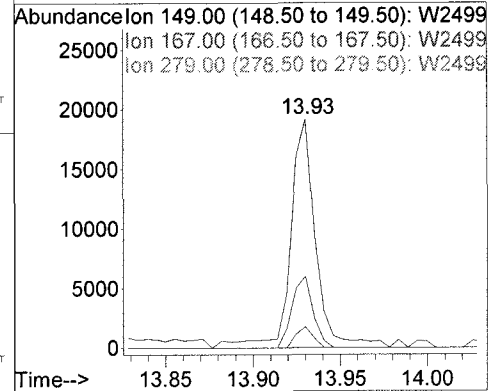
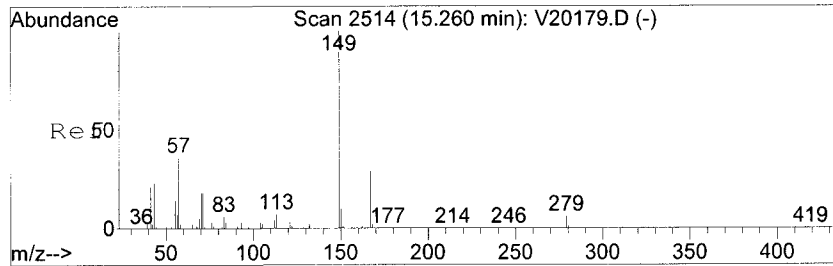
#75
 C735 Chrysene
 Concen: 2.56 ng
 RT: 13.96 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

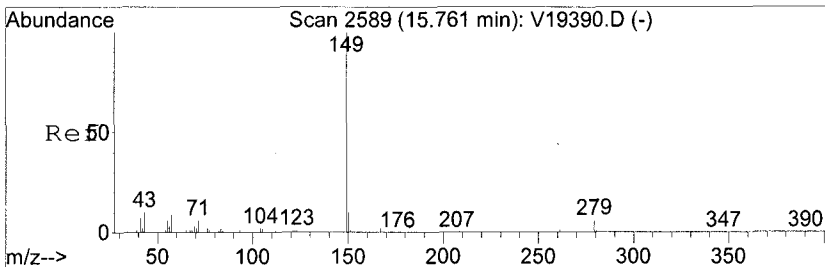
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	12941		
226	27.7		7.1	47.1
229	21.4		0.0	38.8



#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 5.40 ng
 RT: 13.93 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

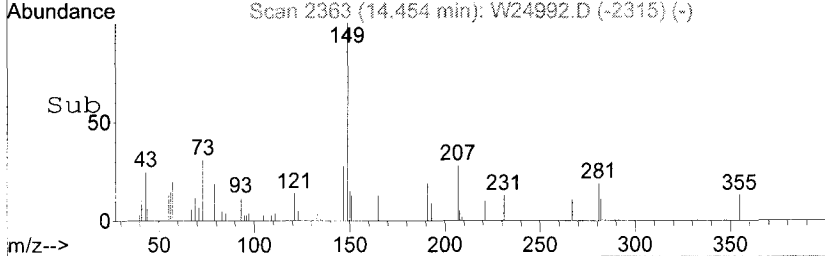
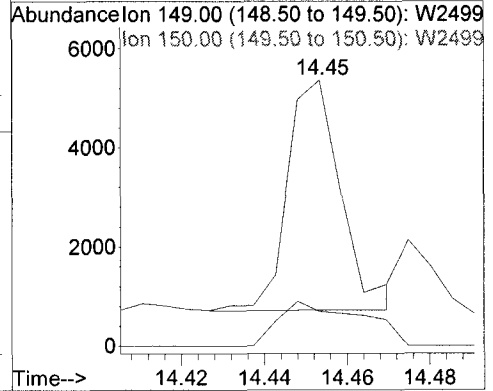
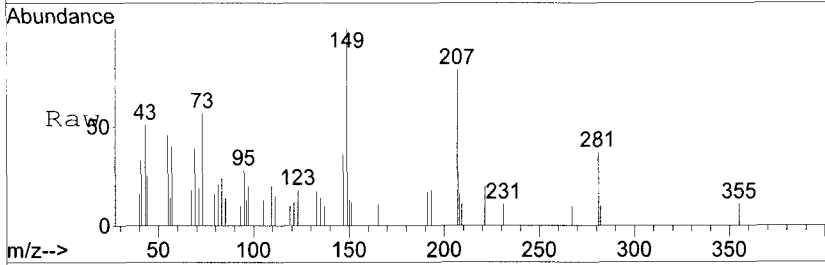
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	19331		
167	31.1		13.1	53.1
279	9.0		0.0	27.5





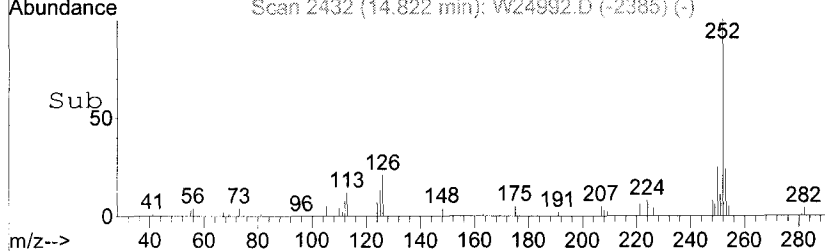
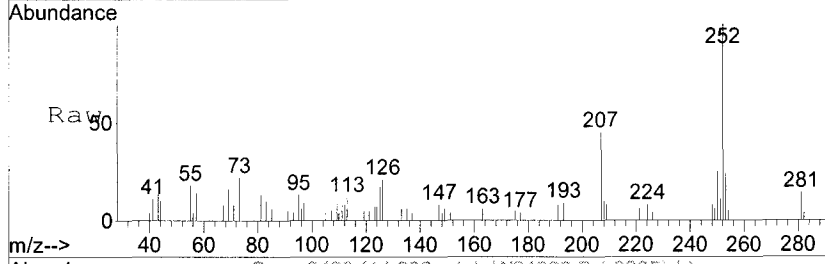
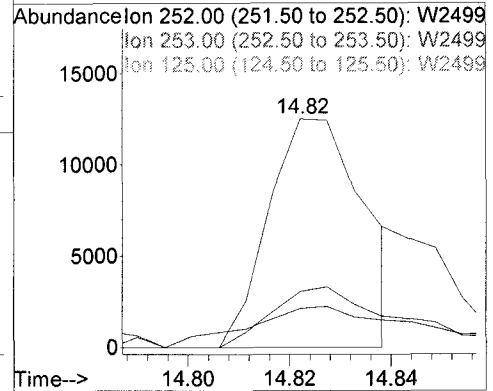
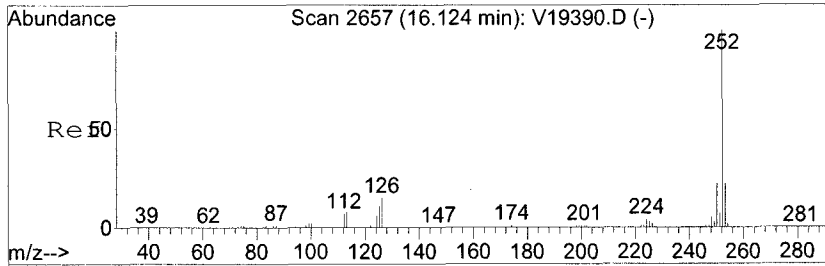
#77
 C760 Di-n-octylphthalate
 Concen: 0.76 ng
 RT: 14.45 min Scan# 2363
 Delta R.T. 0.01 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

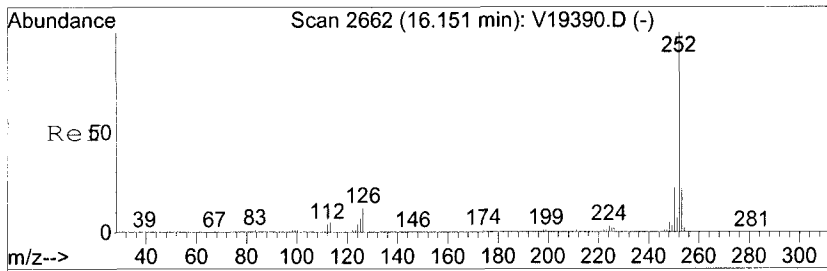
Tgt Ion:	149	Resp:	4161
Ion Ratio	100	Lower	Upper
150	15.0	0.0	29.5



#79
 C765 Benzo[b]fluoranthene
 Concen: 2.38 ng m
 RT: 14.82 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

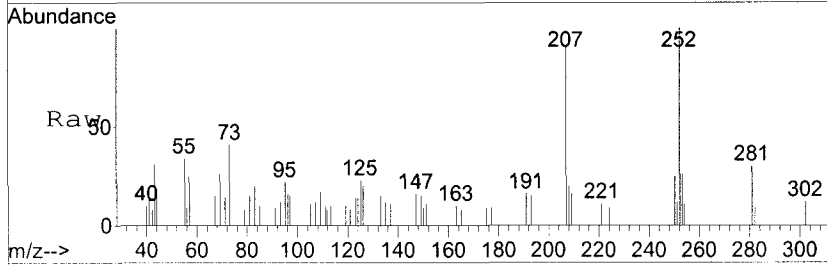
Tgt Ion:	252	Resp:	16443
Ion Ratio	100	Lower	Upper
253	24.4	0.8	40.8
125	17.1	0.0	31.2



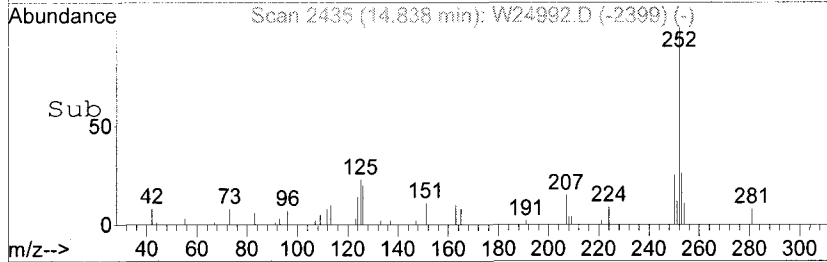
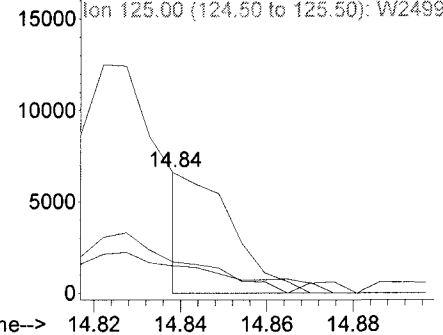


#80
 C770 Benzo[k]fluoranthene
 Concen: 0.79 ng m
 RT: 14.84 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.9	40.9
125	22.8	0.0	31.0

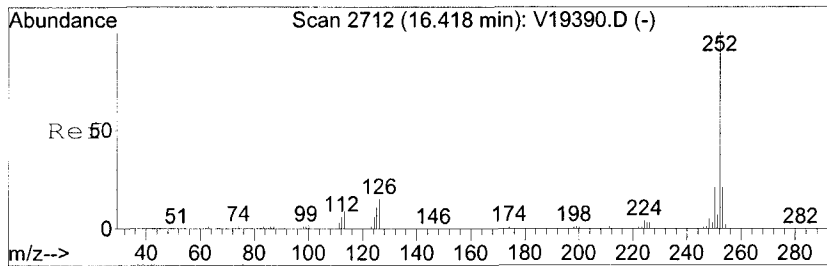


Abundance Ion 252.00 (251.50 to 252.50): W2499
 Ion 253.00 (252.50 to 253.50): W2499
 Ion 125.00 (124.50 to 125.50): W2499

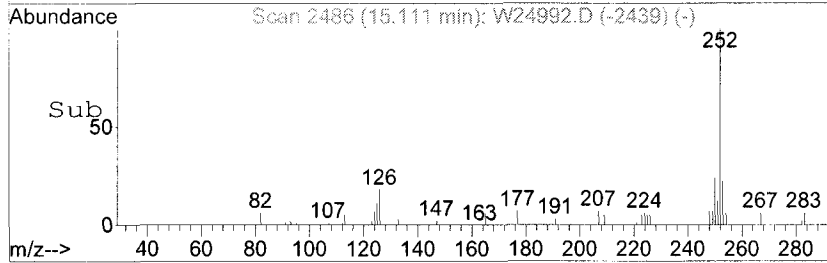
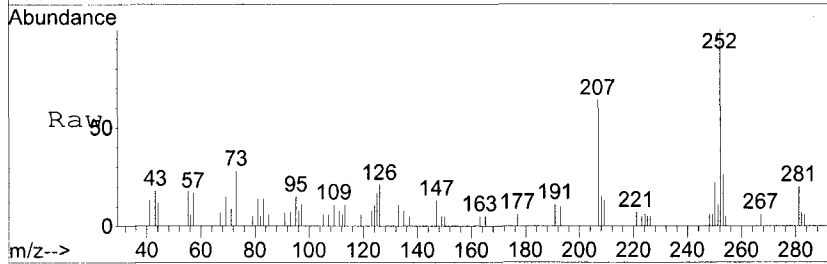
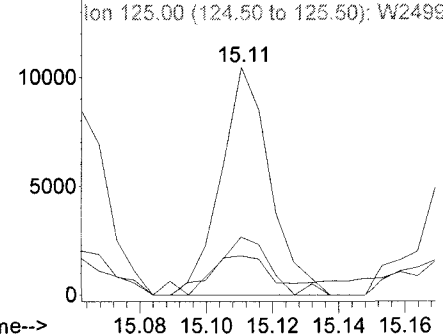


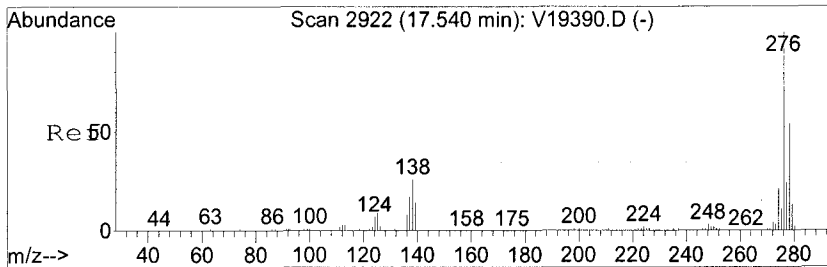
#81
 C775 Benzo[a]pyrene
 Concen: 1.81 ng
 RT: 15.11 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.9	40.9
125	17.1	0.0	33.4



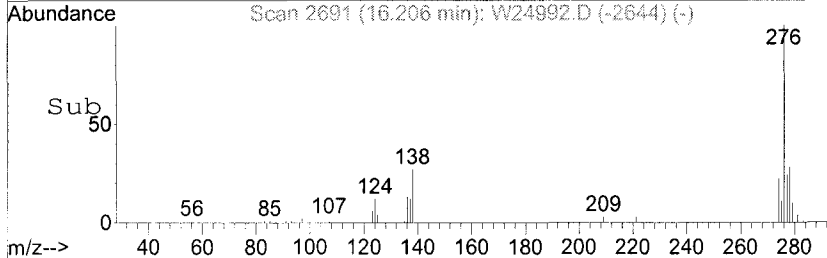
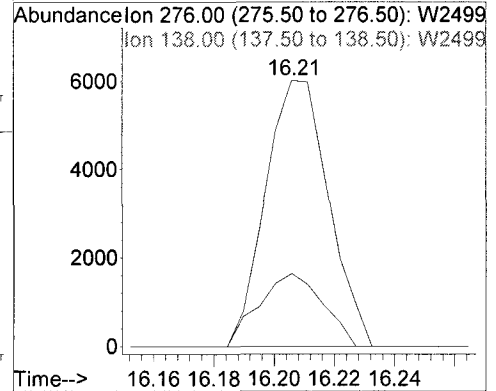
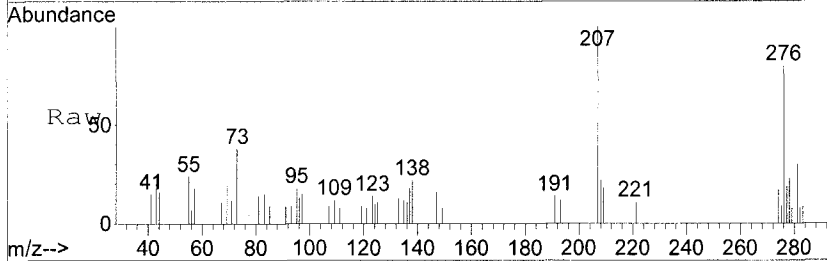
Abundance Ion 252.00 (251.50 to 252.50): W2499
 Ion 253.00 (252.50 to 253.50): W2499
 Ion 125.00 (124.50 to 125.50): W2499





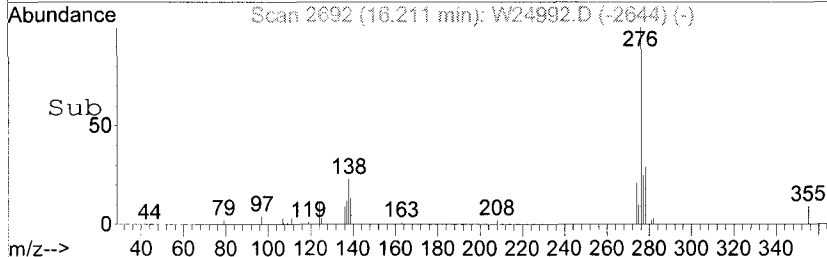
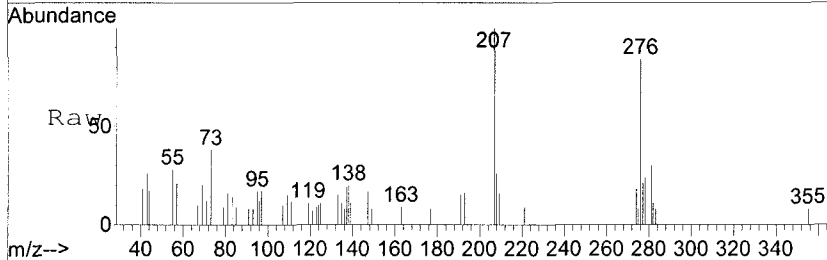
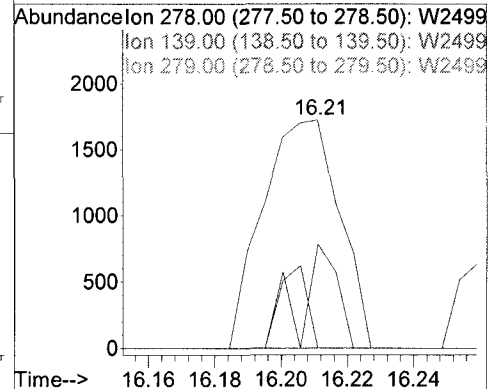
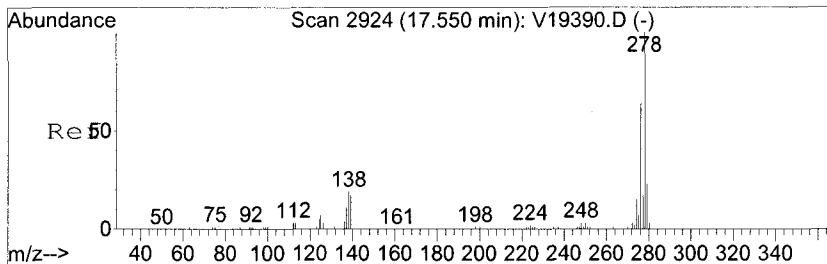
#82
 C780 Indeno[1,2,3-cd]pyrene
 Concen: 1.02 ng
 RT: 16.21 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

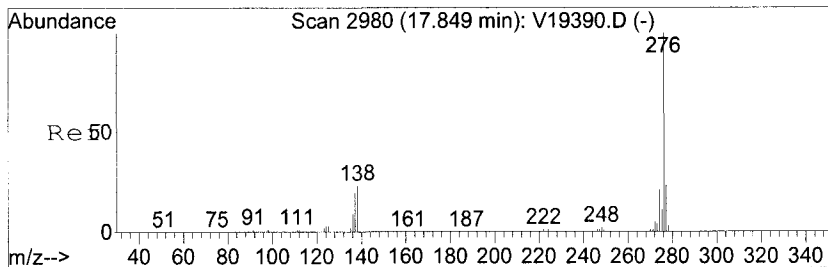
Tgt Ion: 276	Resp: 8731
Ion Ratio Lower Upper	
276 100	
138 27.3	10.1 50.1



#83
 C785 Dibenz[a,h]anthracene
 Concen: 0.37 ng
 RT: 16.21 min Scan# 2692
 Delta R.T. 0.01 min
 Lab File: W24992.D
 Acq: 11 Jul 2008 18:32

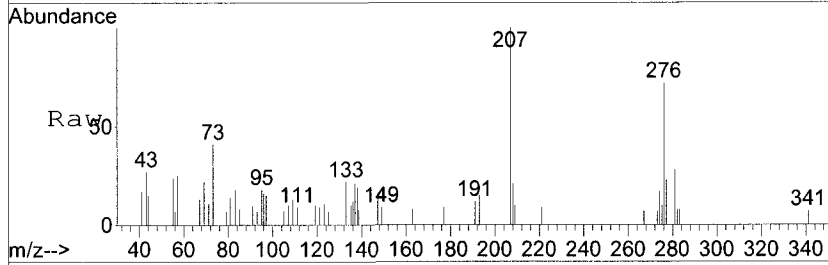
Tgt Ion: 278	Resp: 2772
Ion Ratio Lower Upper	
278 100	
139 45.4	0.0 39.0#
279 0.0	2.5 42.5#



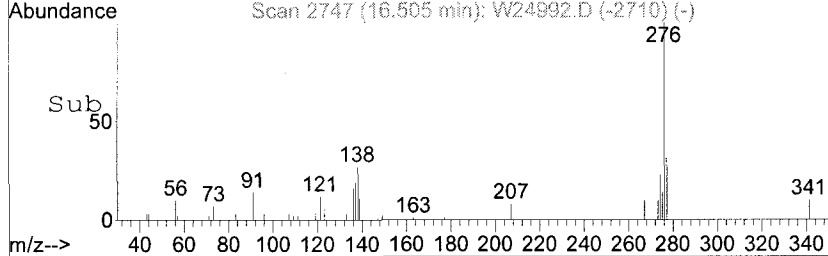
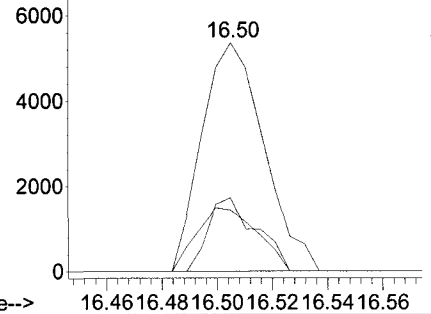


#84
C790 Benzo[g,h,i]perylene
Concen: 1.17 ng
RT: 16.50 min Scan# 2747
Delta R.T. 0.00 min
Lab File: W24992.D
Acq: 11 Jul 2008 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	8392		
138	26.7		7.8	47.8
277	32.2		3.7	43.7



Abundance Ion 276.00 (275.50 to 276.50): W2499
Ion 138.00 (137.50 to 138.50): W2499
Ion 277.00 (276.50 to 277.50): W2499



Time--> 16.46 16.48 16.50 16.52 16.54 16.56

Data File : C:\MSDCHEM\1\DATA\071108\W24992.D
 Acq On : 11 Jul 2008 18:32
 Sample : A8798804 AS80007825
 Misc :
 MS Integration Params: LSCINT.P

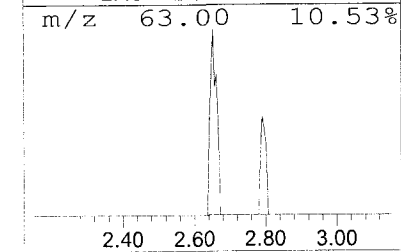
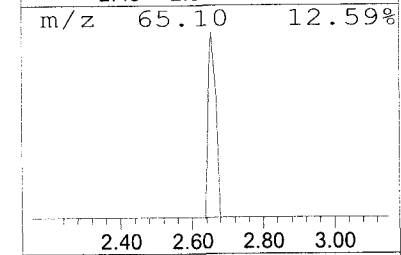
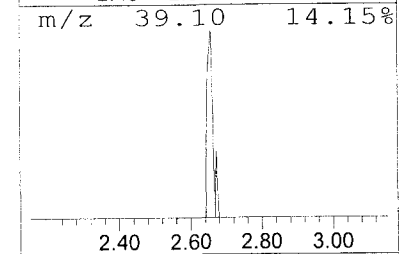
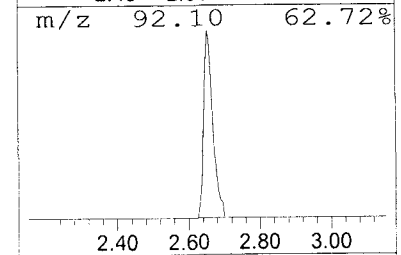
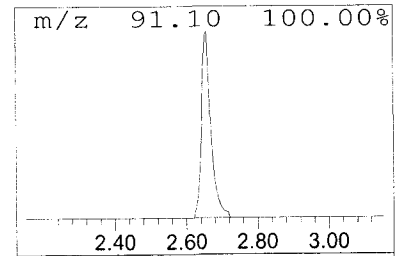
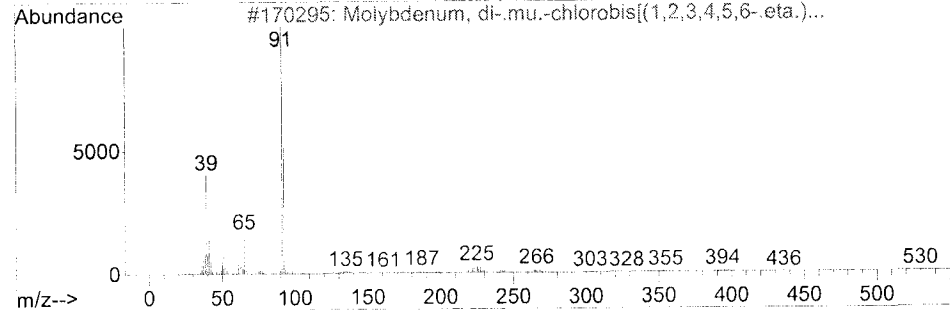
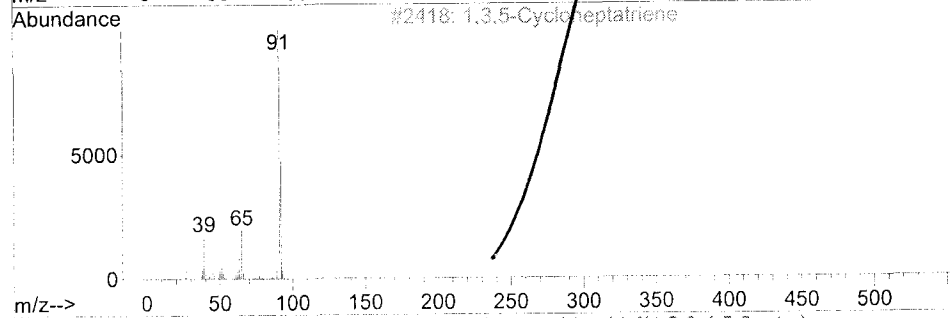
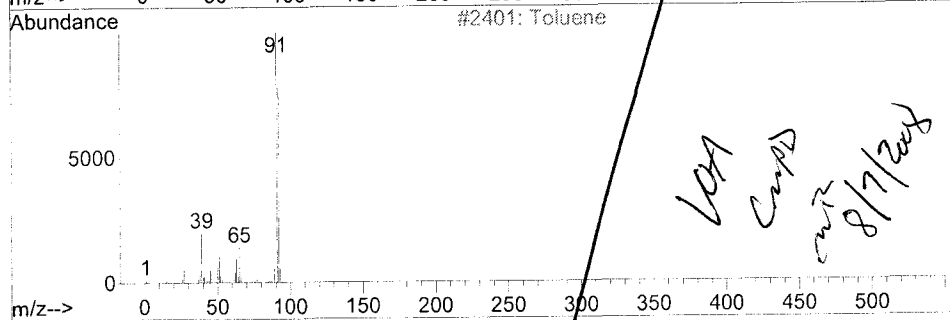
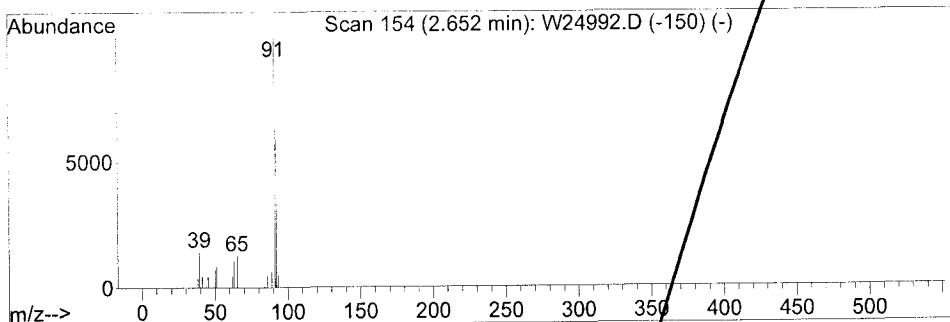
Vial: 18
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.65	12.76 ng	62361	CI30 1,4-Dichloro	391114	5.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	91
2		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	78
3		Molybdenum, di-.mu.-chlorobis[(1...)	532	C20H26Cl2Mo2	035625-66-2	56
4		Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	50
5		Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	45



Data File : C:\MSDCHEM\1\DATA\071108\W24992.D
 Acq On : 11 Jul 2008 18:32
 Sample : A8798804 AS80007825
 Misc :
 MS Integration Params: LSCINT.P

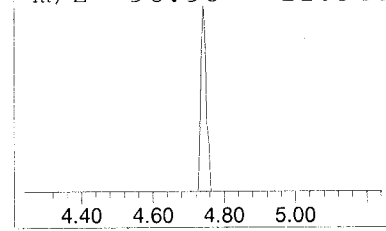
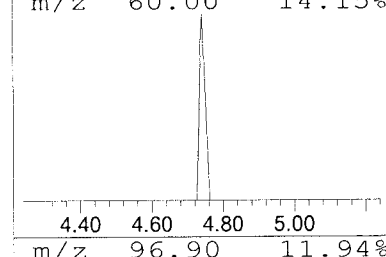
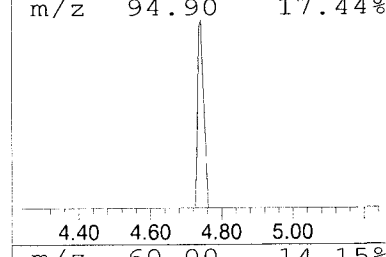
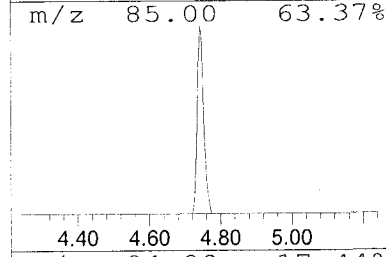
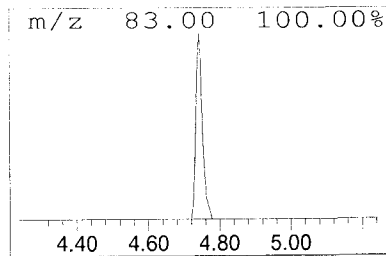
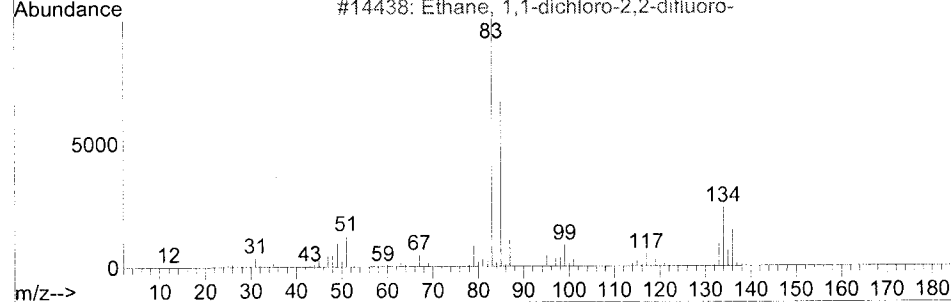
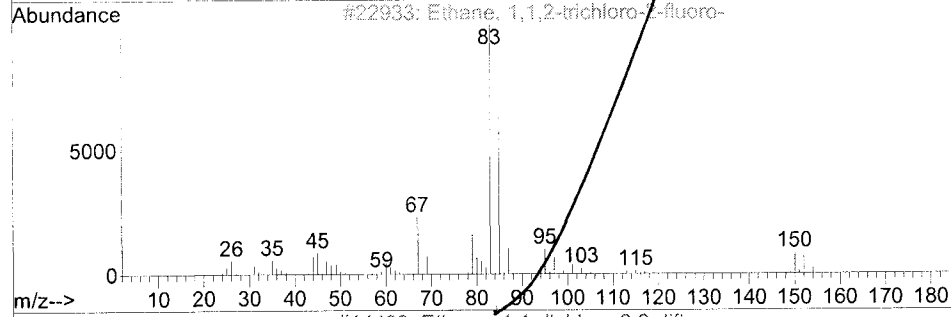
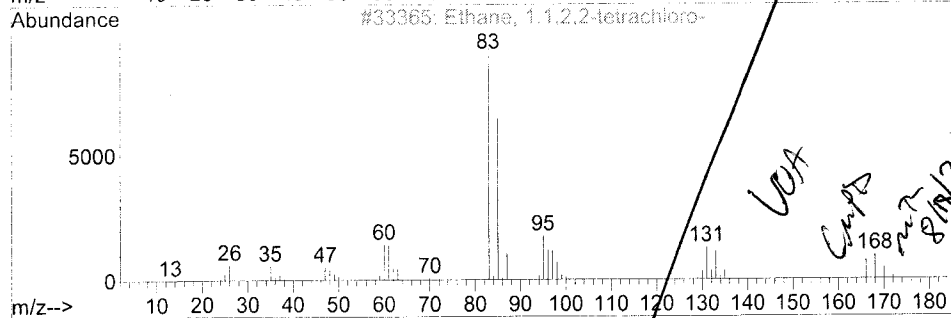
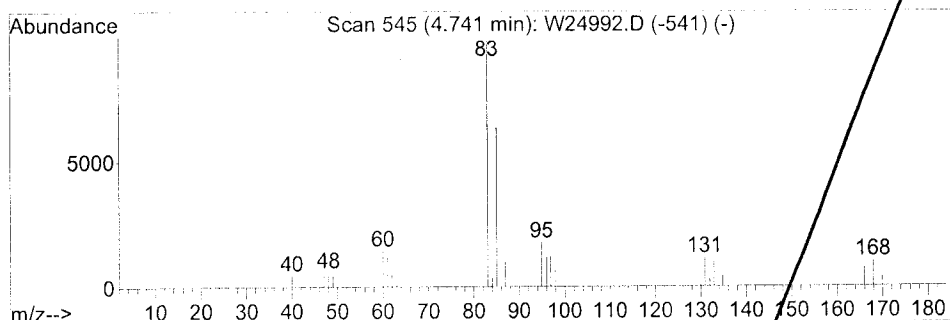
Vial: 18
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 2 Ethane, 1,1,2,2-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.74	14.84 ng	72566	CI30 1,4-Dichloro	391114	5.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	98
2		Ethane, 1,1,2-trichloro-2-fluoro-	150	C2H2Cl3F	000359-28-4	59
3		Ethane, 1,1-dichloro-2,2-difluoro-	134	C2H2Cl2F2	000471-43-2	42
4		Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl3F3	000306-83-2	42
5		Ethane, 1,2,2-trichloro-1,1-difl...	168	C2HCl3F2	000354-21-2	38



Data File : C:\MSDCHEM\1\DATA\071108\W24992.D
 Acq On : 11 Jul 2008 18:32
 Sample : A8798804 AS80007825
 Misc :
 MS Integration Params: LSCINT.P

Vial: 18
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

TIC Top Hit name	RT	EstConc	Units	Response	#	|--Internal Standard--|		
						RT	Resp	Concl
Toluene	2.65	12.8	ng	62361	1	5.84	391114	80.0
Ethane, 1,1,2,2-t...	4.74	14.8	ng	72566	1	5.84	391114	80.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804RISample wt/vol: 30.11 (g/mL) G Lab File ID: X25518.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene		200	U
208-96-8-----	Acenaphthylene		46	J
98-86-2-----	Acetophenone		200	U
120-12-7-----	Anthracene		11	J
1912-24-9-----	Atrazine		200	U
100-52-7-----	Benzaldehyde		200	U
56-55-3-----	Benzo (a) anthracene		35	J
205-99-2-----	Benzo (b) fluoranthene		61	J
207-08-9-----	Benzo (k) fluoranthene		29	J
191-24-2-----	Benzo (ghi) perylene		27	J
50-32-8-----	Benzo (a) pyrene		36	J
92-52-4-----	Biphenyl		200	U
111-91-1-----	Bis (2-chloroethoxy) methane		200	U
111-44-4-----	Bis (2-chloroethyl) ether		200	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		200	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		97	J
101-55-3-----	4-Bromophenyl phenyl ether		200	U
85-68-7-----	Butyl benzyl phthalate		200	U
105-60-2-----	Caprolactam		200	U
106-47-8-----	4-Chloroaniline		200	U
59-50-7-----	4-Chloro-3-methylphenol		200	U
91-58-7-----	2-Chloronaphthalene		200	U
95-57-8-----	2-Chlorophenol		200	U
7005-72-3-----	4-Chlorophenyl phenyl ether		200	U
86-74-8-----	Carbazole		200	U
218-01-9-----	Chrysene		63	BJ
53-70-3-----	Dibenzo (a, h) anthracene		200	U
132-64-9-----	Dibenzofuran		200	U
84-74-2-----	Di-n-butyl phthalate		200	U
91-94-1-----	3,3'-Dichlorobenzidine		200	U
120-83-2-----	2,4-Dichlorophenol		200	U
84-66-2-----	Diethyl phthalate		200	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804RISample wt/vol: 30.11 (g/mL) G Lab File ID: X25518.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

105-67-9-----	2,4-Dimethylphenol		200	U
131-11-3-----	Dimethyl phthalate		200	U
534-52-1-----	4,6-Dinitro-2-methylphenol		390	U
51-28-5-----	2,4-Dinitrophenol		390	U
121-14-2-----	2,4-Dinitrotoluene		200	U
606-20-2-----	2,6-Dinitrotoluene		200	U
117-84-0-----	Di-n-octyl phthalate		200	U
206-44-0-----	Fluoranthene		72	J
86-73-7-----	Fluorene		200	U
118-74-1-----	Hexachlorobenzene		200	U
87-68-3-----	Hexachlorobutadiene		200	U
77-47-4-----	Hexachlorocyclopentadiene		200	U
67-72-1-----	Hexachloroethane		200	U
193-39-5-----	Indeno (1,2,3-cd) pyrene		20	J
78-59-1-----	Isophorone		200	U
91-57-6-----	2-Methylnaphthalene		200	U
95-48-7-----	2-Methylphenol		200	U
106-44-5-----	4-Methylphenol		200	U
91-20-3-----	Naphthalene		200	U
88-74-4-----	2-Nitroaniline		390	U
99-09-2-----	3-Nitroaniline		390	U
100-01-6-----	4-Nitroaniline		390	U
98-95-3-----	Nitrobenzene		200	U
88-75-5-----	2-Nitrophenol		200	U
100-02-7-----	4-Nitrophenol		390	U
86-30-6-----	N-nitrosodiphenylamine		200	U
621-64-7-----	N-Nitroso-Di-n-propylamine		200	U
87-86-5-----	Pentachlorophenol		390	U
85-01-8-----	Phenanthrene		32	J
108-95-2-----	Phenol		200	U
129-00-0-----	Pyrene		48	J
95-95-4-----	2,4,5-Trichlorophenol		200	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804RISample wt/vol: 30.11 (g/mL) G Lab File ID: X25518.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	<u>Q</u>
---------	----------	-----------------	--------------	----------

88-06-2-----	2,4,6-Trichlorophenol		200	U
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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-018/4-6

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804RISample wt/vol: 30.11 (g/mL) G Lab File ID: X25518.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 16.0 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

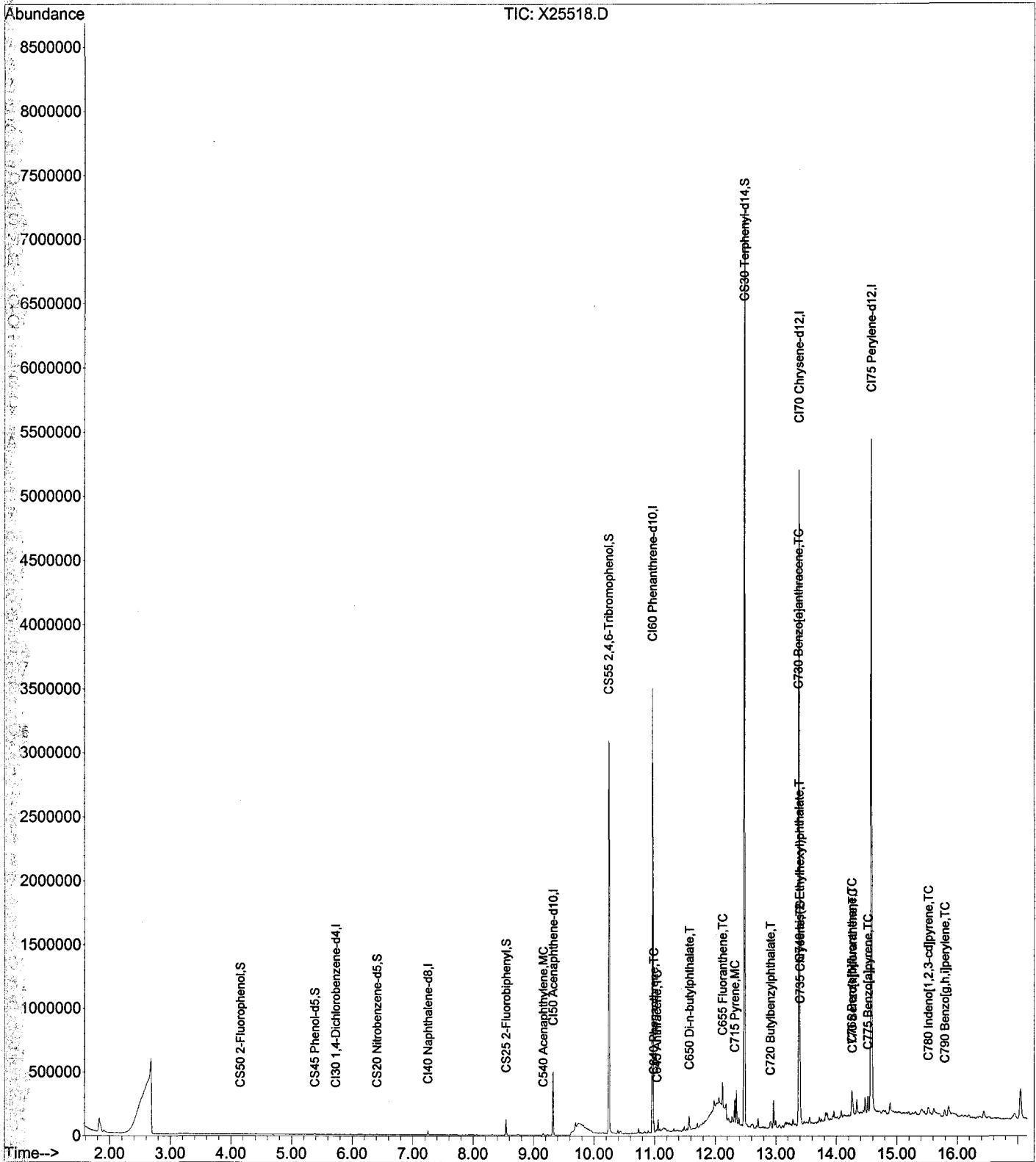
CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	9.69	320	J

116 ADB
+ TIC

Data File : D:\DATA\080408\X25518.D
Acq On : 5 Aug 2008 6:05
Sample : A8798804 AS8007825
Misc :
MS Integration Params: rteint.p

Vial: 55
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 05 17:14:22 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\080408\X25518.D
 Acq On : 5 Aug 2008 6:05
 Sample : A8798804 AS8007825
 Misc :

Vial: 55
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 17:14:22 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

*SS
 AJ
 8.5.08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	612	40.00	ng	0.00 0.16%
20) CI40 Naphthalene-d8	7.25	136	13905	40.00	ng	0.00 0.94%
35) CI50 Acenaphthene-d10	9.32	164	109616	40.00	ng	0.00 14.24%
56) CI60 Phenanthrene-d10	10.96	188	1171523	40.00	ng	0.00 82.60%
68) CI70 Chrysene-d12	13.38	240	1542905	40.00	ng	0.00 109.49%
78) CI75 Perylene-d12	14.57	264	1863151	40.00	ng	0.00 103.80%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.16	112	765	30.59	ng	0.02
Spiked Amount	150.000	Range 21 - 110	Recovery =	20.39%		
5) CS45 Phenol-d5	5.38	99	4311	126.30	ng	0.00
Spiked Amount	150.000	Range 10 - 110	Recovery =	84.20%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range 33 - 110	Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range 16 - 110	Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.41	82	1645	10.30	ng	0.00
Spiked Amount	100.000	Range 34 - 114	Recovery =	10.30%#		
39) CS25 2-Fluorobiphenyl	8.54	172	36284	9.45	ng	0.00
Spiked Amount	100.000	Range 43 - 116	Recovery =	9.45%#		
59) CS55 2,4,6-Tribromophenol	10.25	330	375664	132.34	ng	0.00
Spiked Amount	150.000	Range 10 - 123	Recovery =	88.23%		
71) CS30 Terphenyl-d14	12.48	244	2180809	60.01	ng	0.00
Spiked Amount	100.000	Range 33 - 141	Recovery =	60.01%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

*m
 8/1/08*

Data File : D:\DATA\080408\X25518.D
 Acq On : 5 Aug 2008 6:05
 Sample : A8798804 AS8007825
 Misc :

Vial: 55
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 17:14:22 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

Internal Standards	R.T.	Q Ion	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.	d		
42) C540 Acenaphthylene	9.16	152	6295	1.16	ng		89
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	0.00	153	0	N.D.	d		
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	9.56	168	490	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	9.96	166	654	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	0.00	149	0	N.D.	d		
54) C620 1,2-diphenylhydrazin	10.18	77	165	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	10.99	178	25072	0.82	ng		99
64) C645 Anthracene	11.04	178	9085	0.29	ng		97
65) C647 carbazole	11.23	167	3698	N.D.			
66) C650 Di-n-butylphthalate	11.57	149	38161	1.07	ng		98
67) C655 Fluoranthene	12.12	202	62693	1.81	ng		98
69) C715 Pyrene	12.32	202	61780	1.21	ng		92
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalate	12.91	149	10503	0.46	ng		91
73) C725 3,3'-Dichlorobenzid	13.42	252	203	N.D.			
74) C730 Benzo[a]anthracene	13.37	228	41023	0.89	ng		90
75) C735 Chrysene	13.40	228	73777	1.60	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.40	149	76494	2.44	ng		93
77) C760 Di-n-octylphthalate	0.00	149	0	N.D.	d		
79) C765 Benzo[b]fluoranthene	14.25	252	90244m	1.54	ng		100
80) C770 Benzo[k]fluoranthene	14.27	252	27119m	0.74	ng		99
81) C775 Benzo[a]pyrene	14.52	252	47768	0.90	ng		95
82) C780 Indeno[1,2,3-cd]pyren	15.52	276	33893	0.52	ng		92
83) C785 Dibenz[a,h]anthrace	15.52	278	10906	N.D.			
84) C790 Benzo[g,h,i]perylene	15.79	276	39925	0.68	ng		86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 8/7/08

Data File : D:\DATA\080408\X25518.D
Acq On : 5 Aug 2008 6:05
Sample : A8798804 AS8007825
Misc :

Vial: 55
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Aug 05 17:51:37 2008

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)

Title : OLM4.0 ADDS
Last Update : Tue Aug 05 17:50:22 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

clean
24-08-05-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	612	40.00	ng	0.00 0.25%
4) CI40 Naphthalene-d8	7.25	136	13905	40.00	ng	0.00 1.56%
7) CI50 Acenaphthene-d8	9.32	164	109616	40.00	ng	0.00 25.78%
10) CI60 Phenanthrene-d10	10.96	188	1171523	40.00	ng	0.00 188.92%
12) CI70 Chrysene-d12	13.38	240	1542905	40.00	ng	0.00 242.67%
13) CI75 Perylene-d12	14.57	264	1863151	40.00	ng	0.00 242.62%
Target Compounds						Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	9.32	154	188	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

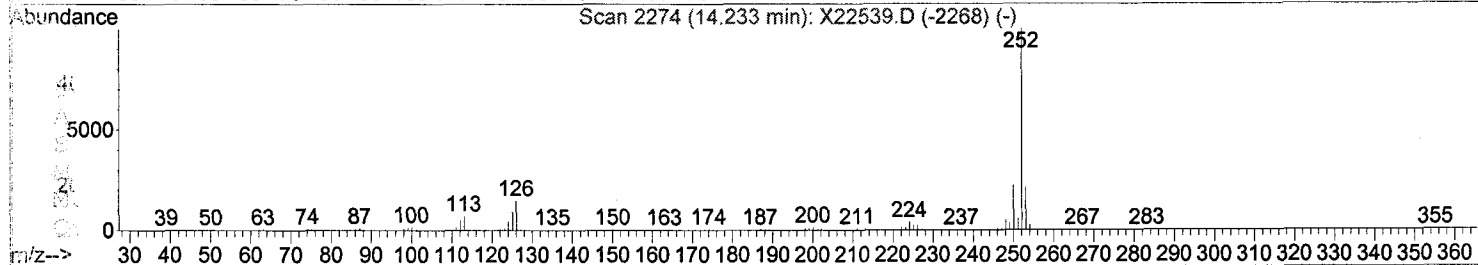
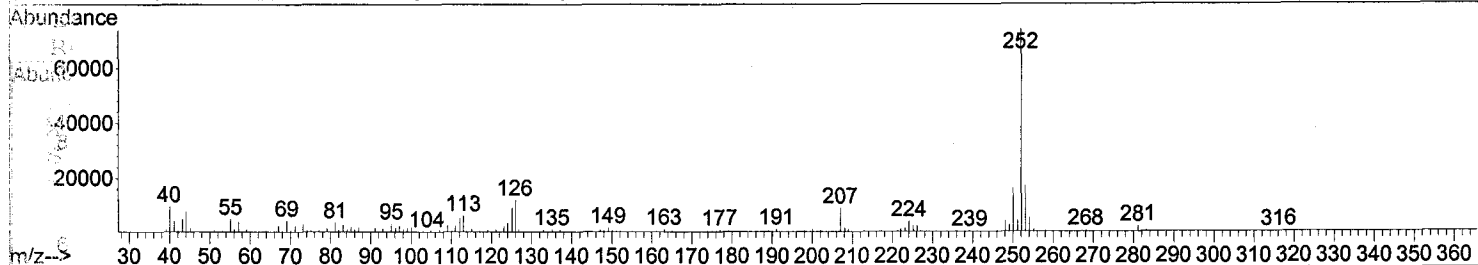
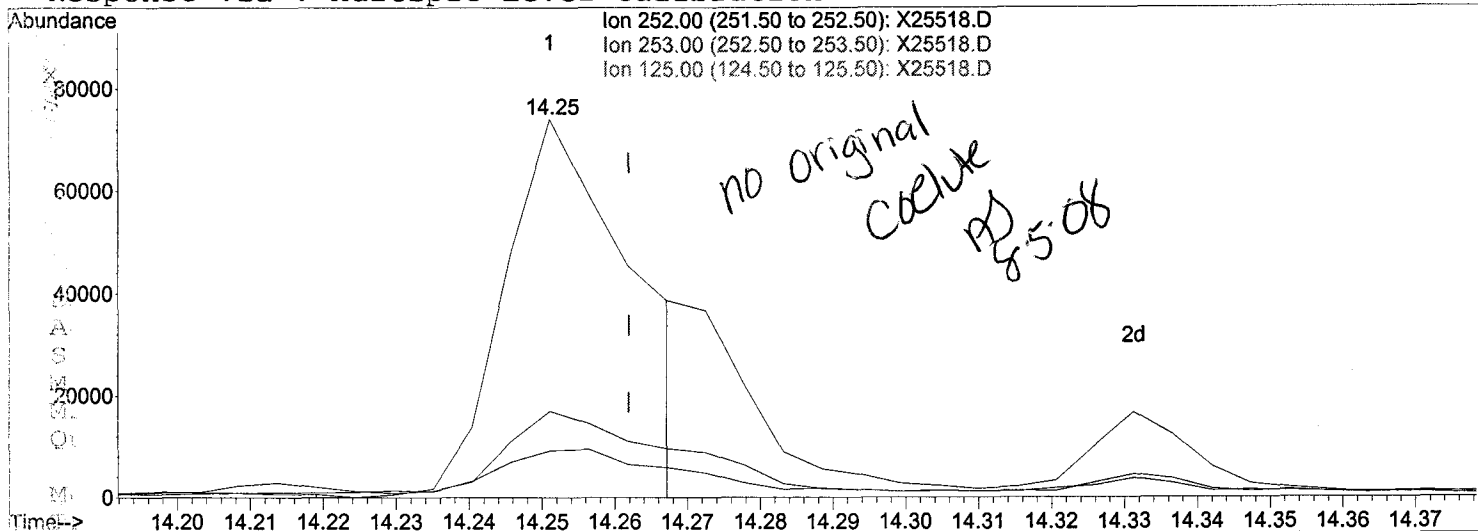
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 8/12/08

Data File : D:\DATA\080408\X25518.D
Acq On : 5 Aug 2008 6:05
Sample : A8798804 AS8007825
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 05 10:03:32 2008

Vial: 55
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25518.D

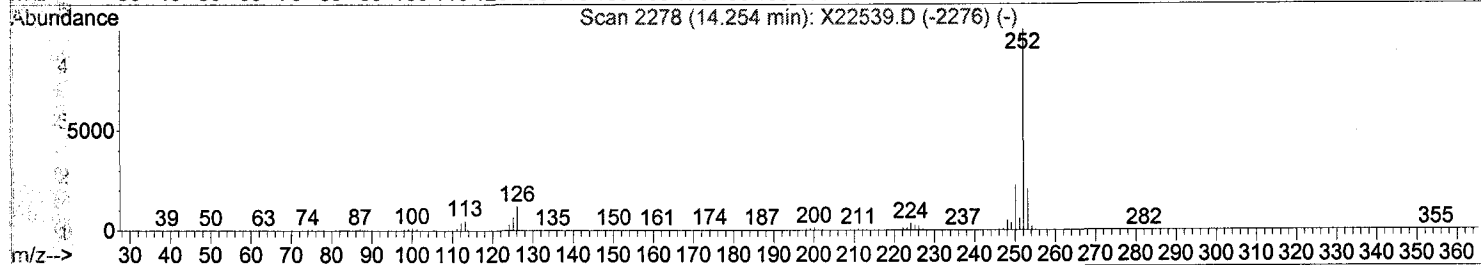
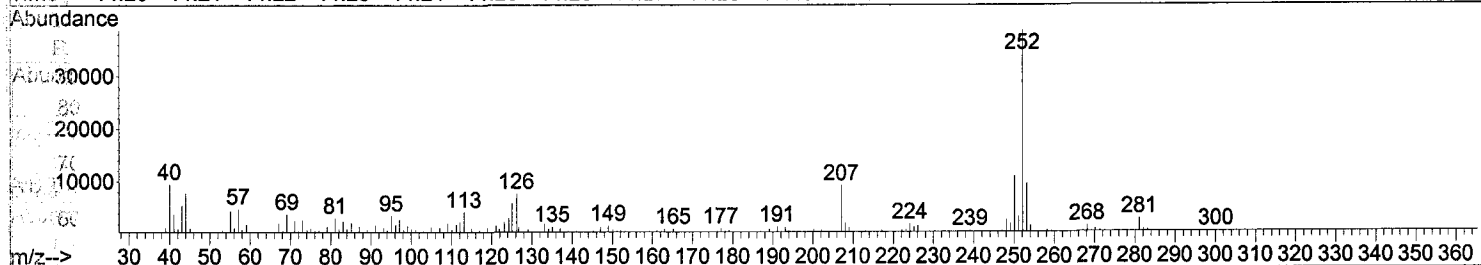
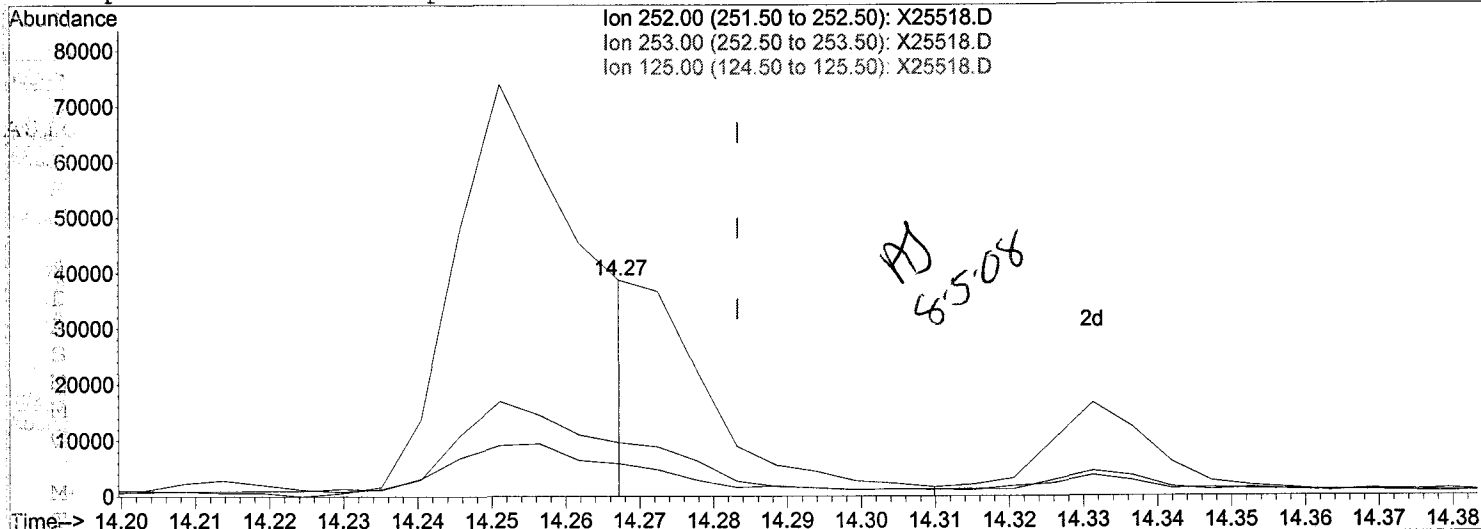
Time	Abund	
(79) C765 Benzo[b]fluoranthene (TC)		
14.25min (-0.011)	1.54ng m	
response	90244	
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	22.96
125.00	11.00	12.39
0.00	0.00	0.00

AJ 8/6/08

Data File : D:\DATA\080408\X25518.D
Acq On : 5 Aug 2008 6:05
Sample : A8798804 AS8007825
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 05 10:03:32 2008

Vial: 55
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25518.D

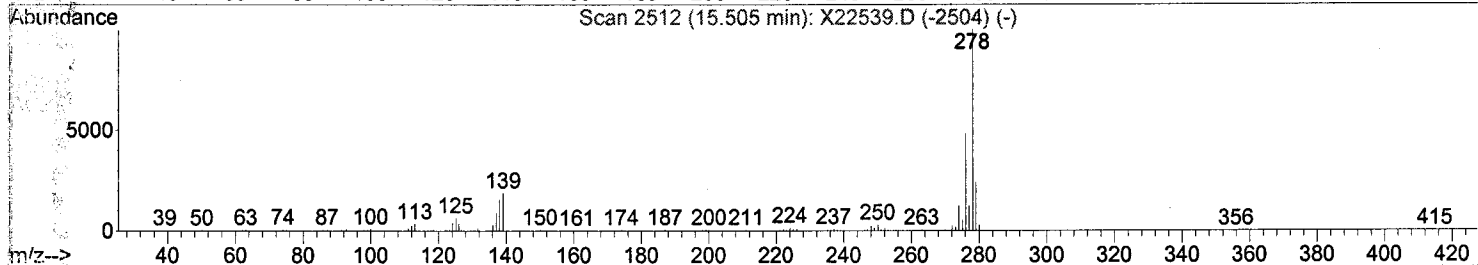
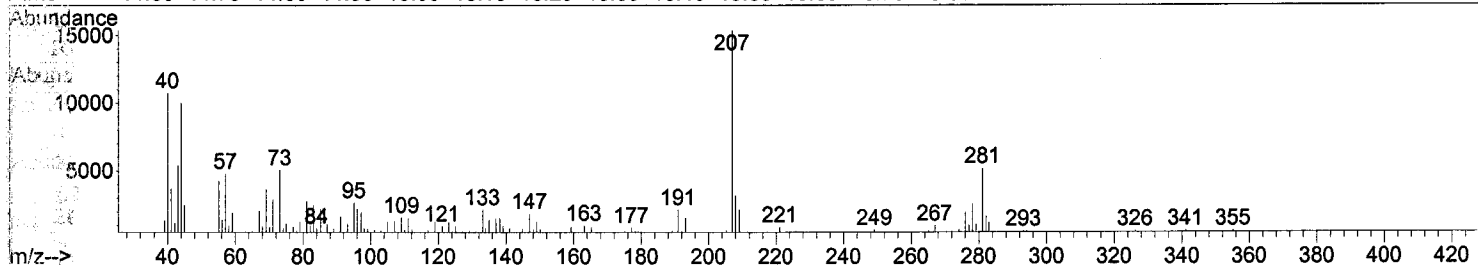
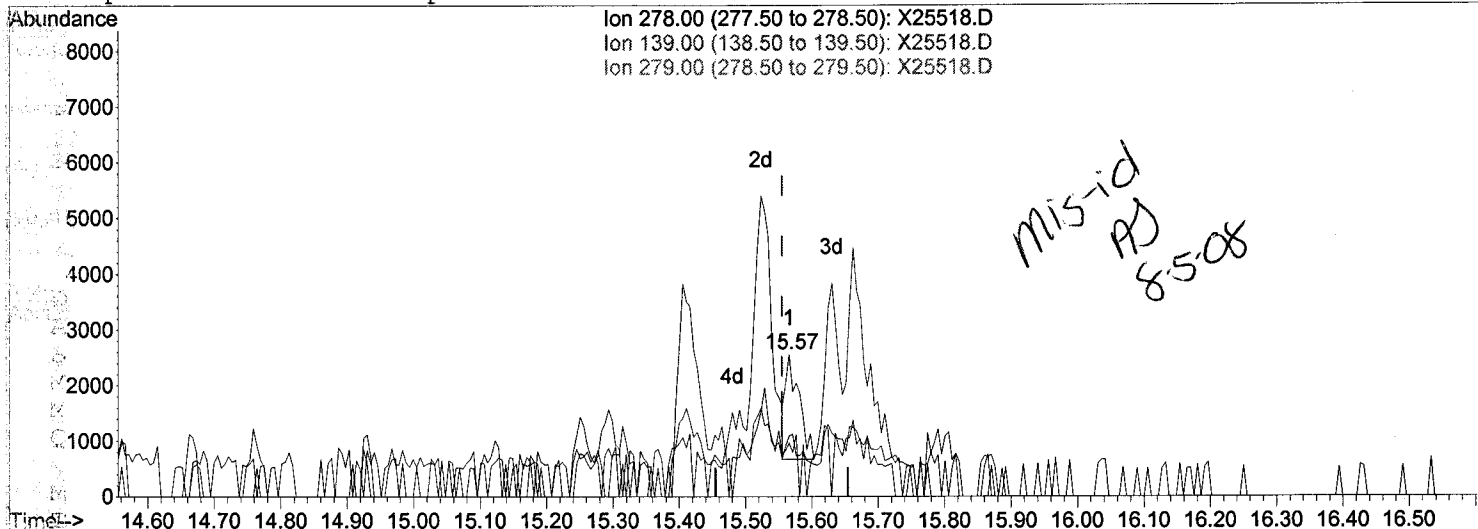
(80) C770 Benzo[k]fluoranthene (TC)		
14.27min (-0.016)	0.74ng m	
response	27119	
Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.79
125.00	11.50	15.16
0.00	0.00	0.00

AJ 8/5/08

Data File : D:\DATA\080408\X25518.D
Acq On : 5 Aug 2008 6:05
Sample : A8798804 AS8007825
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 05 10:03:32 2008

Vial: 55
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25518.D

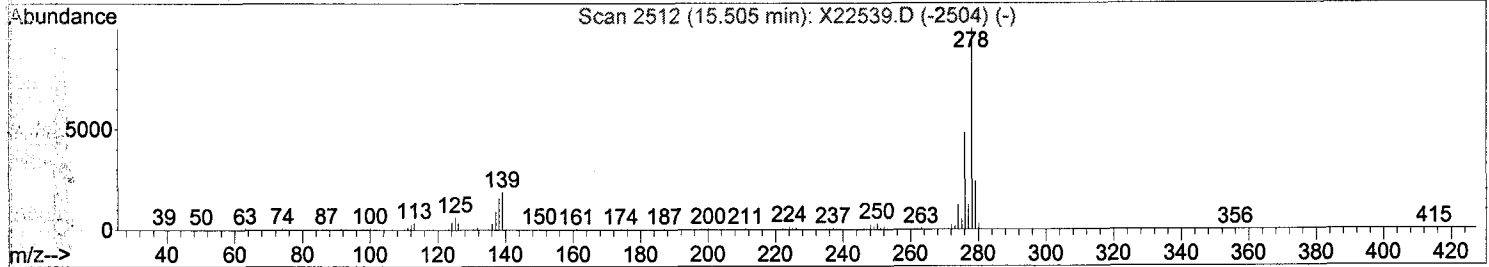
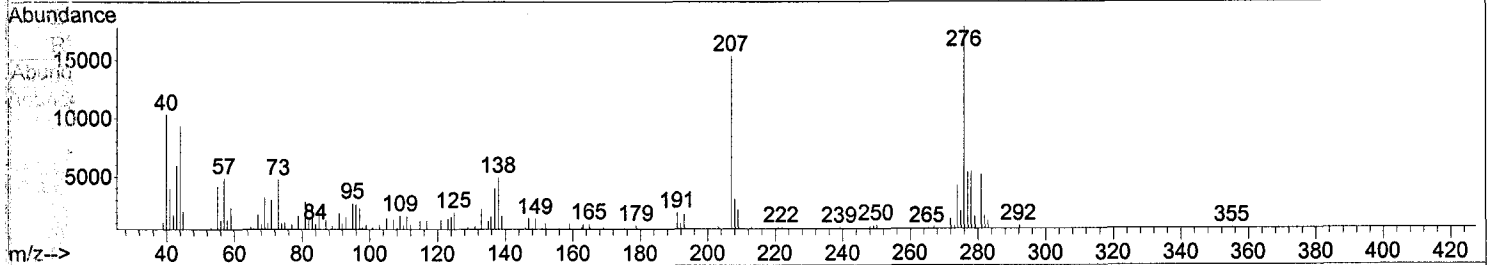
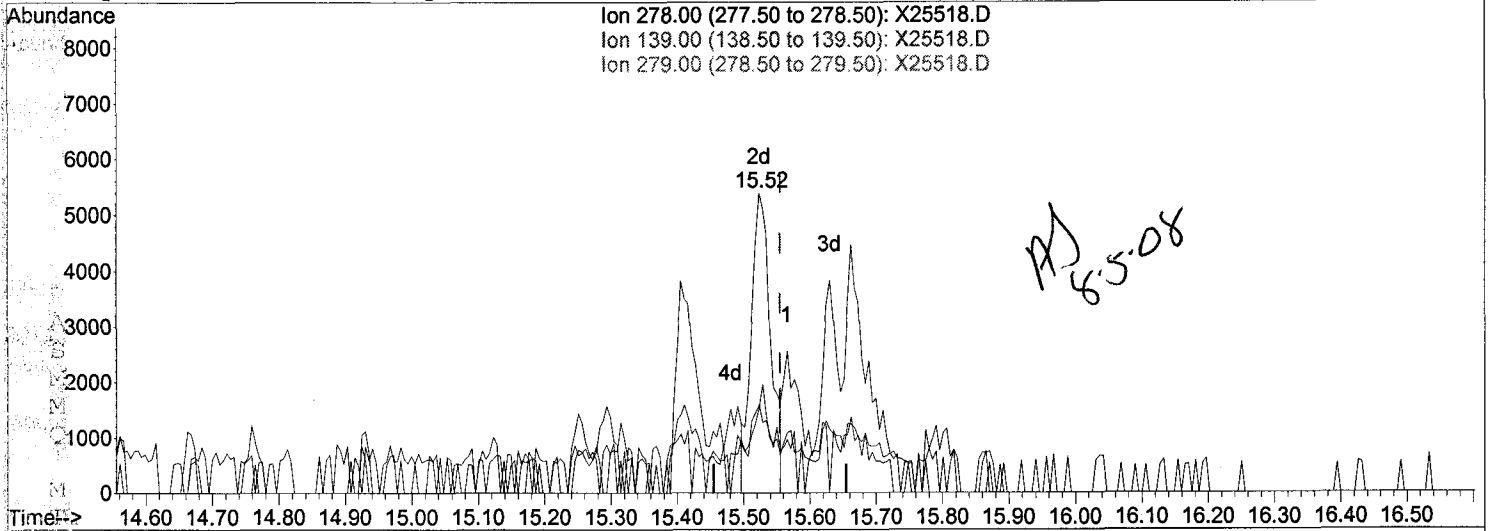
(83) C785 Dibenz[a,h]anthracene (TC)
15.57min (+0.011) 0.05ng
response 2708
Ion Exp% Act%
278.00 100 100
139.00 16.60 11.05
279.00 26.60 26.59
0.00 0.00 0.00

Handwritten note: "Not 8/6/08"

Data File : D:\DATA\080408\X25518.D
Acq On : 5 Aug 2008 6:05
Sample : A8798804 AS8007825
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 05 10:03:32 2008

Vial: 55
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

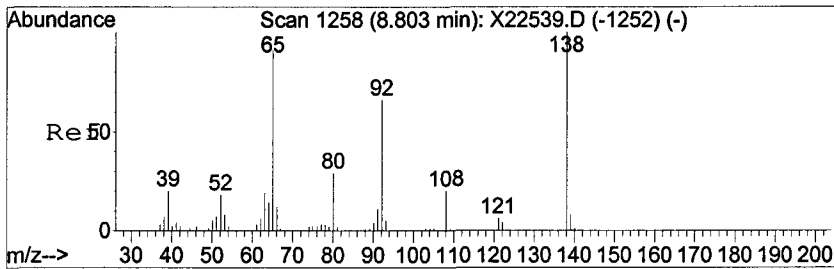
Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25518.D

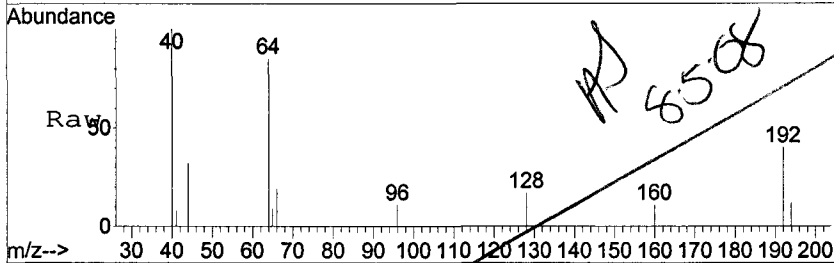
Time	Abund
(83) C785 Dibenz[a,h]anthracene (TC)	
15.52min (-0.032)	0.20ng m
response	10906
Ion	Exp% Act%
278.00	100 100
139.00	16.60 29.44
279.00	26.60 28.64
0.00	0.00 0.00

Handwritten signature: AJ 8/6/08

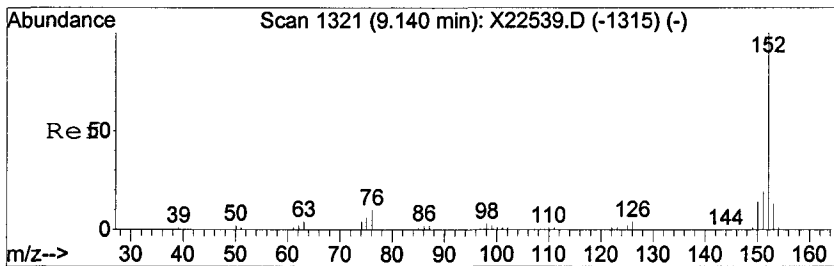
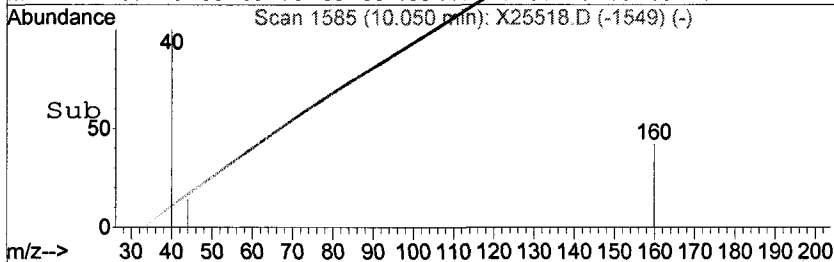
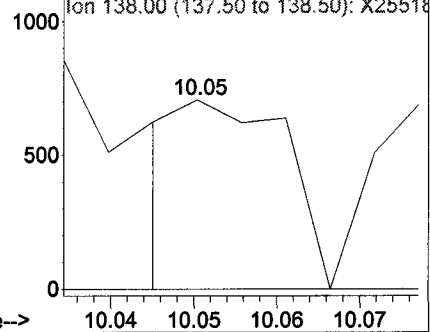


#41
 C530 2-Nitroaniline
 Concen: 0.49 ng
 RT: 10.05 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

Tgt Ion	Resp	Lower	Upper
65	100		
92	0.0	37.4	77.4#
138	0.0	66.5	106.5#

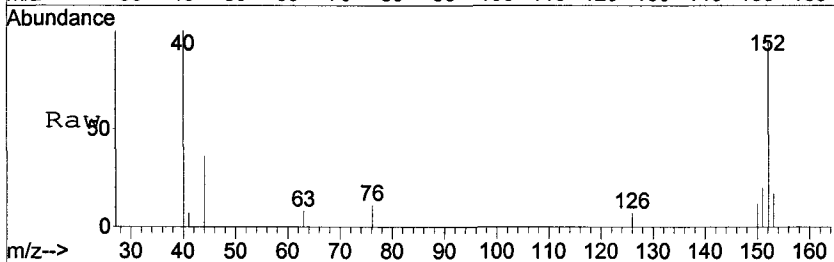


Abundance Ion 65.00 (64.50 to 65.50): X25518.D
 Ion 92.00 (91.50 to 92.50): X25518.D
 Ion 138.00 (137.50 to 138.50): X25518.D

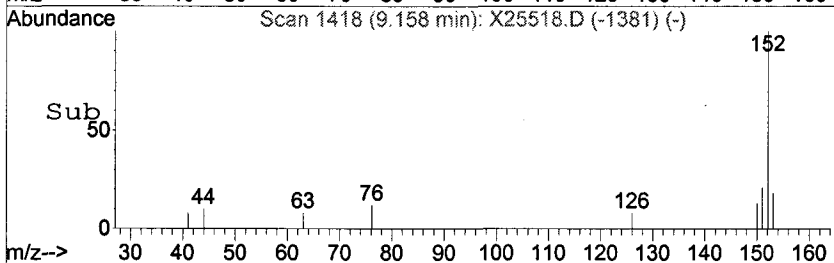
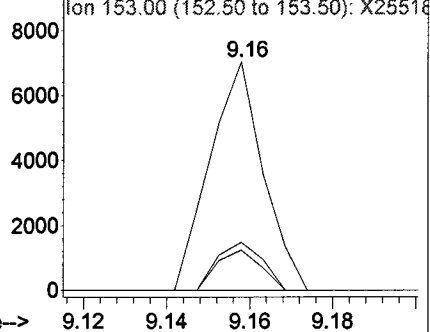


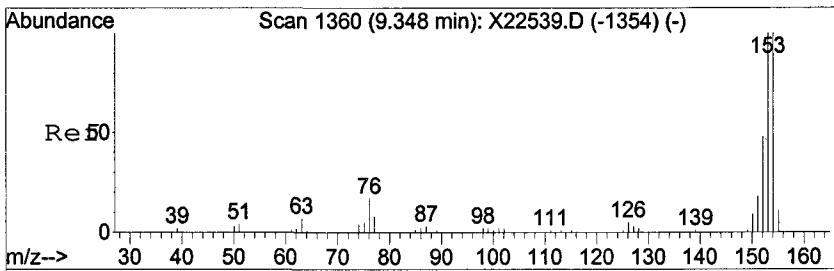
#42
 C540 Acenaphthylene
 Concen: 1.16 ng
 RT: 9.16 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

Tgt Ion	Resp	Lower	Upper
152	100		
151	21.2	0.0	37.5
153	17.8	0.0	32.4



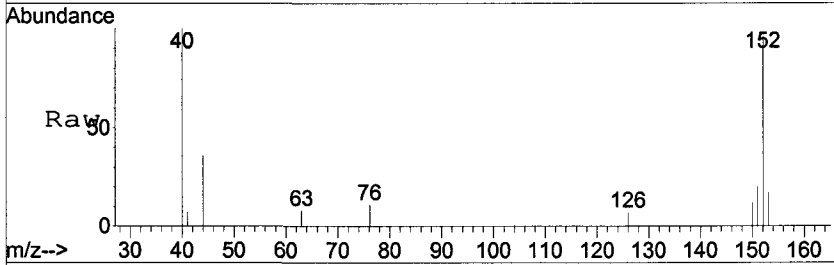
Abundance Ion 152.00 (151.50 to 152.50): X25518.D
 Ion 151.00 (150.50 to 151.50): X25518.D
 Ion 153.00 (152.50 to 153.50): X25518.D



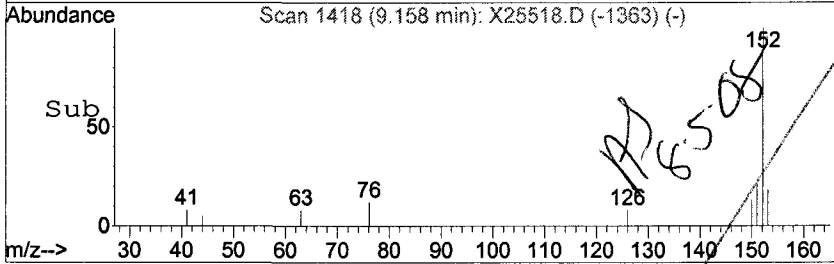
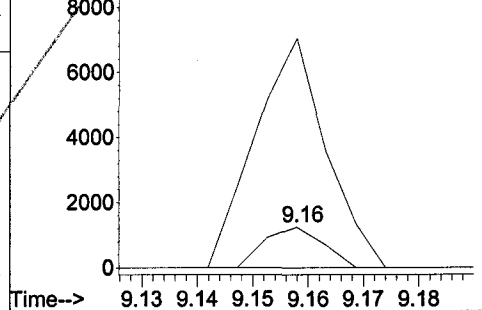


#45
 C550 Acenaphthene
 Concen: 0.28 ng
 RT: 9.16 min Scan# 1418
 Delta R.T. -0.21 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	561.5	24.0	64.0#
154	0.0	78.2	118.2#

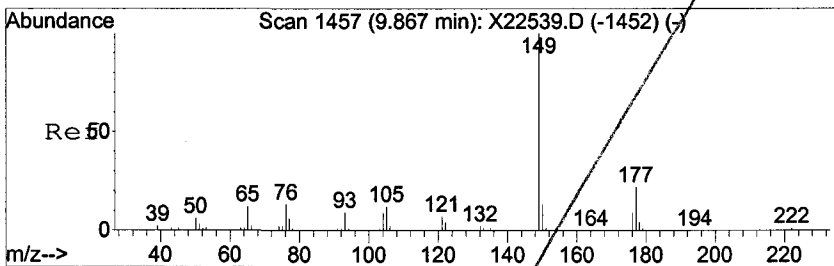


Abundance
 Ion 153.00 (152.50 to 153.50): X25518
 Ion 152.00 (151.50 to 152.50): X25518
 Ion 154.00 (153.50 to 154.50): X25518

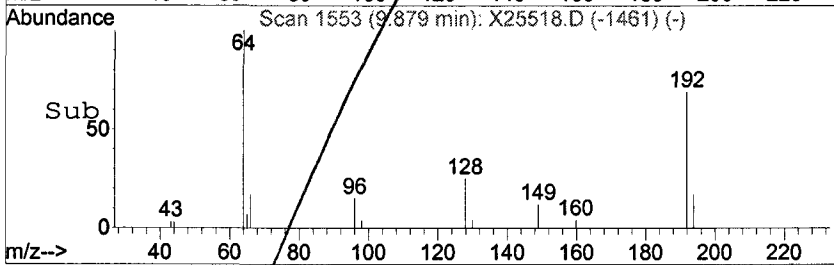
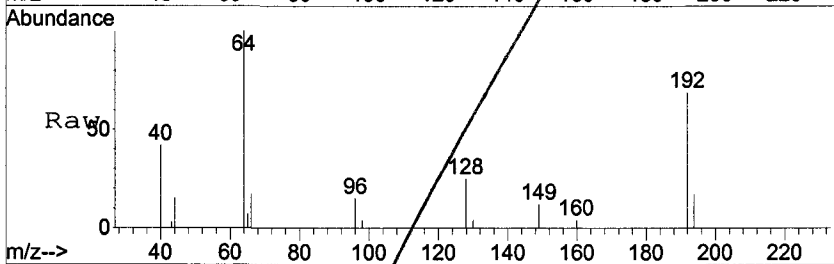
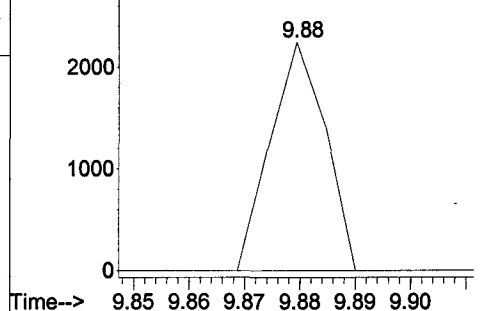


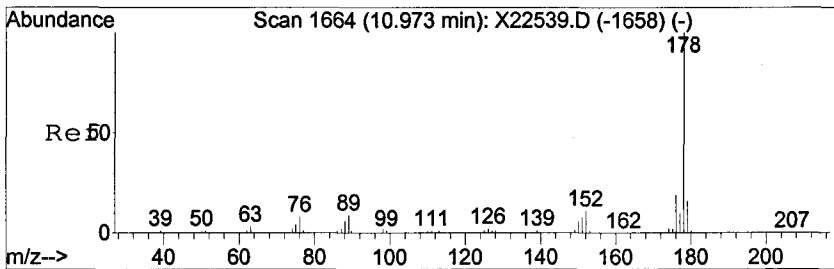
#53
 C580 Diethylphthalate
 Concen: 0.41 ng
 RT: 9.88 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	2.2	42.2#
150	0.0	0.0	31.3



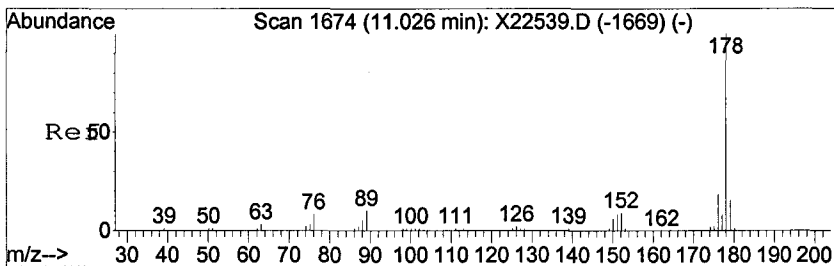
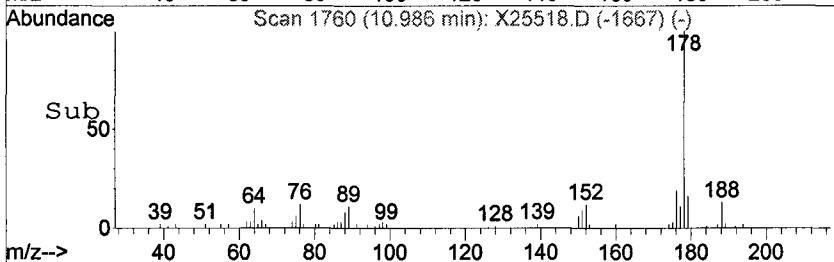
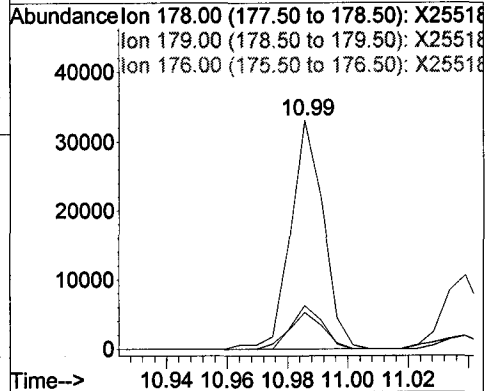
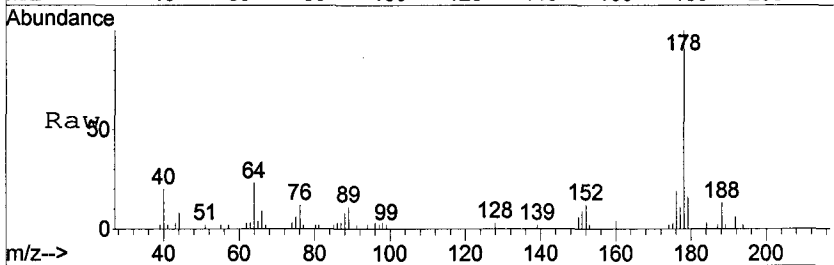
Abundance
 Ion 149.00 (148.50 to 149.50): X25518
 Ion 177.00 (176.50 to 177.50): X25518
 Ion 150.00 (149.50 to 150.50): X25518





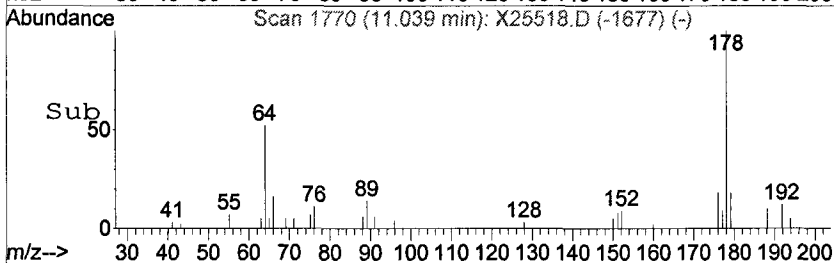
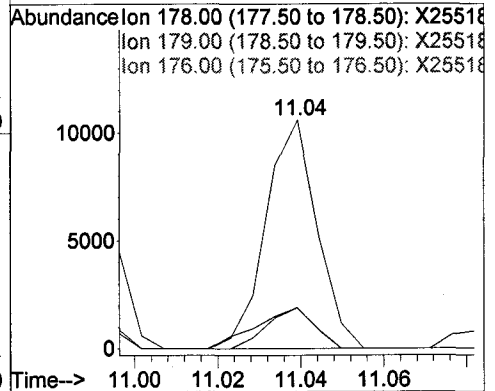
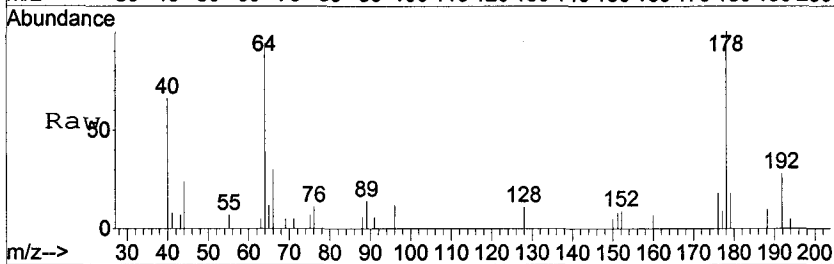
#63
 C640 Phenanthrene
 Concen: 0.82 ng
 RT: 10.99 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	0.0	35.2
176	18.8	0.0	38.7

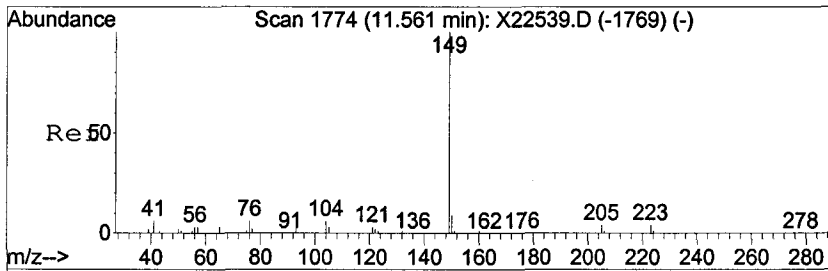


#64
 C645 Anthracene
 Concen: 0.29 ng
 RT: 11.04 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.9	0.0	35.2
176	18.0	0.0	38.0

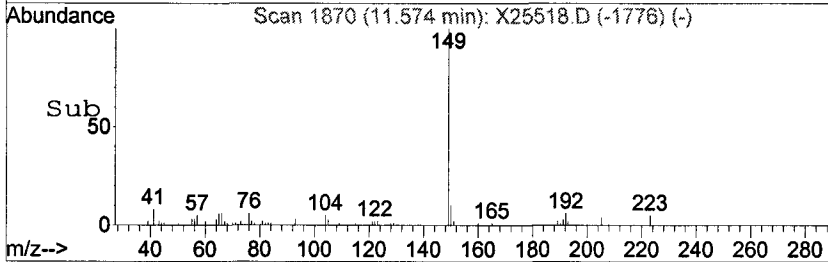
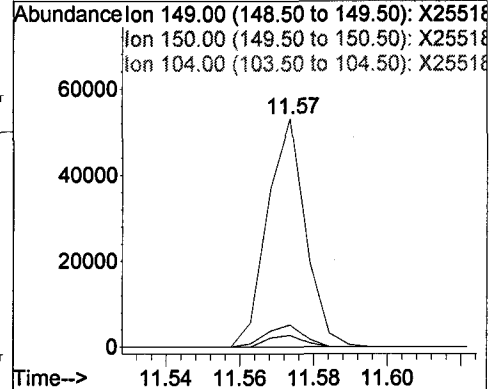
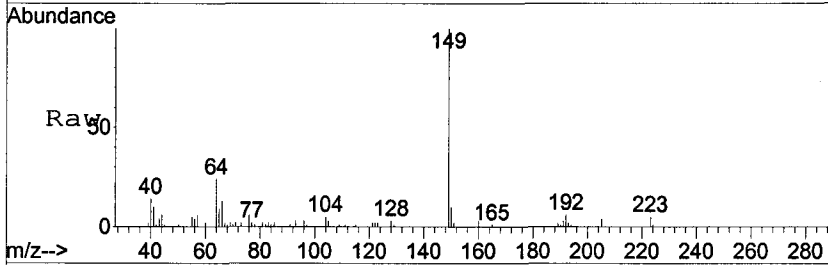


790/4151



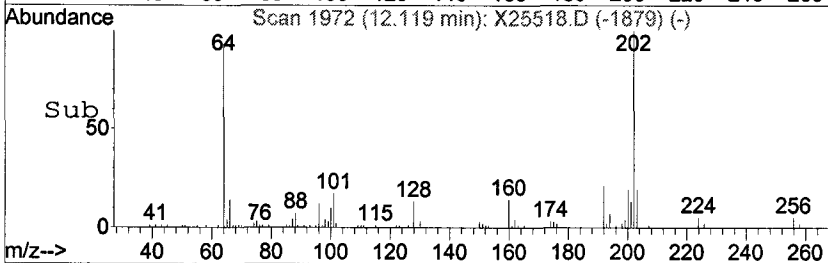
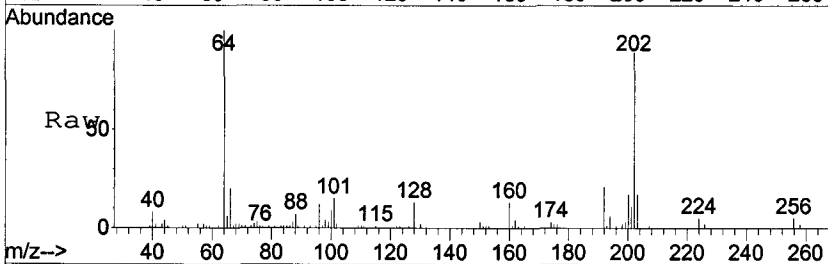
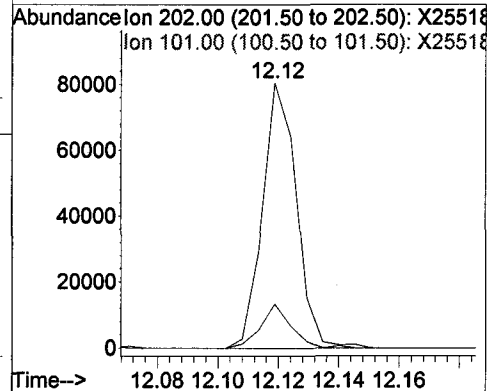
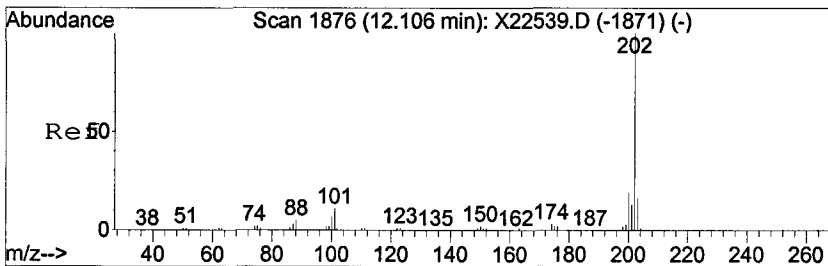
#66
C650 Di-n-butylphthalate
Concen: 1.07 ng
RT: 11.57 min Scan# 1870
Delta R.T. -0.00 min
Lab File: X25518.D
Acq: 5 Aug 2008 6:05

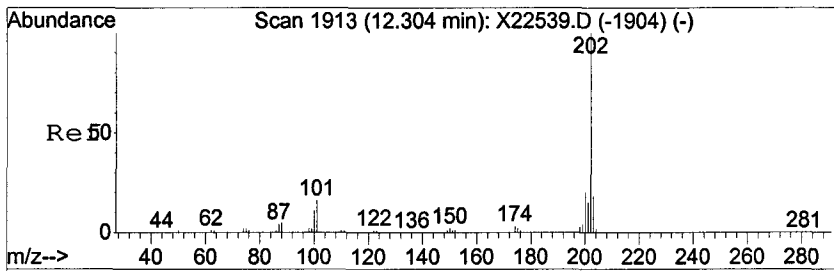
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	0.0	29.0
104	5.1	0.0	25.3



#67
C655 Fluoranthene
Concen: 1.81 ng
RT: 12.12 min Scan# 1972
Delta R.T. -0.01 min
Lab File: X25518.D
Acq: 5 Aug 2008 6:05

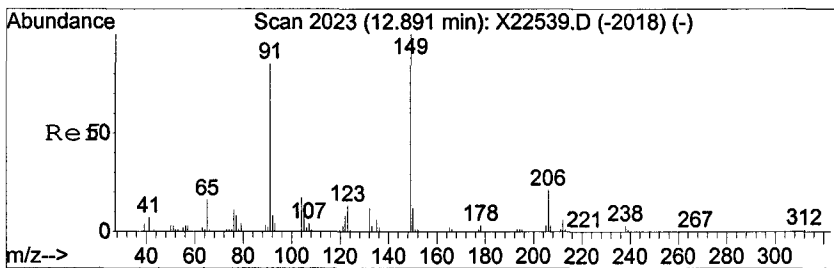
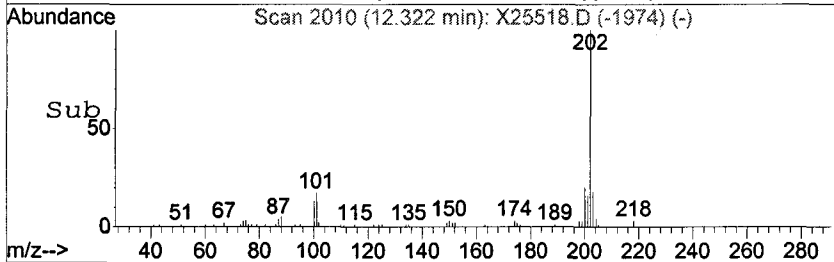
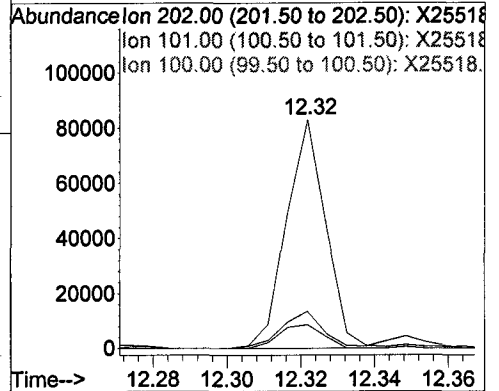
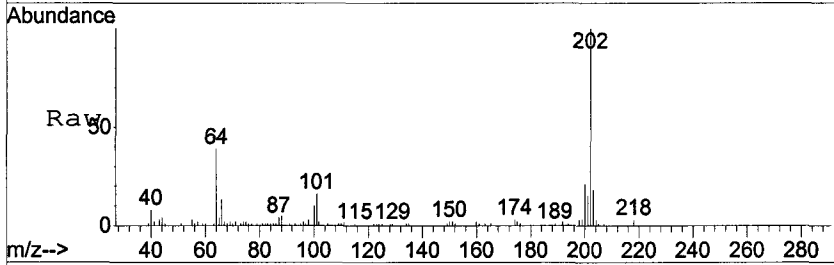
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	35.8





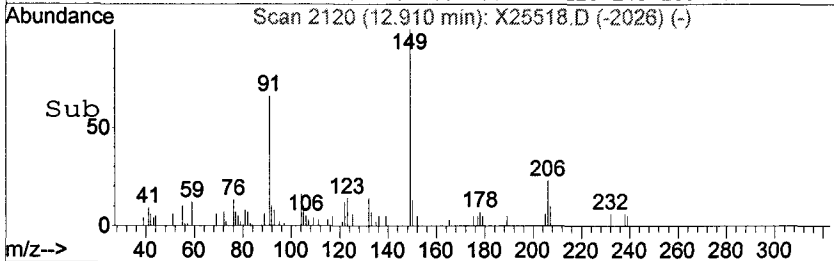
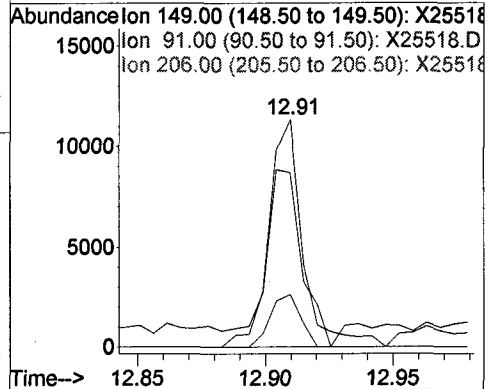
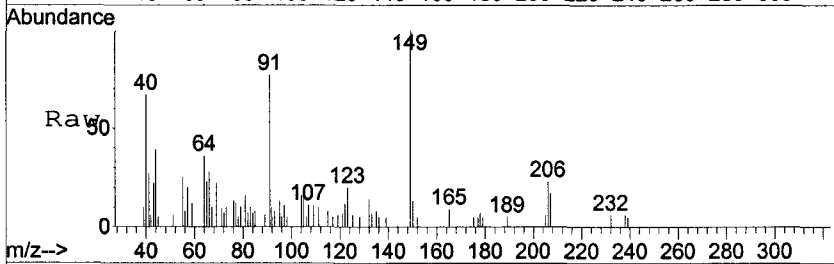
#69
 C715 Pyrene
 Concen: 1.21 ng
 RT: 12.32 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

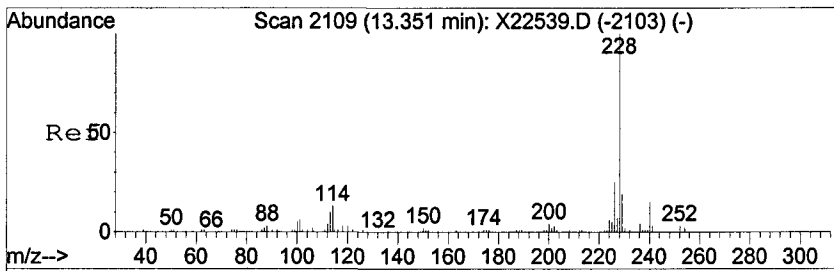
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	39.0
100	10.4	0.0	34.4



#72
 C720 Butylbenzylphthalate
 Concen: 0.46 ng
 RT: 12.91 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

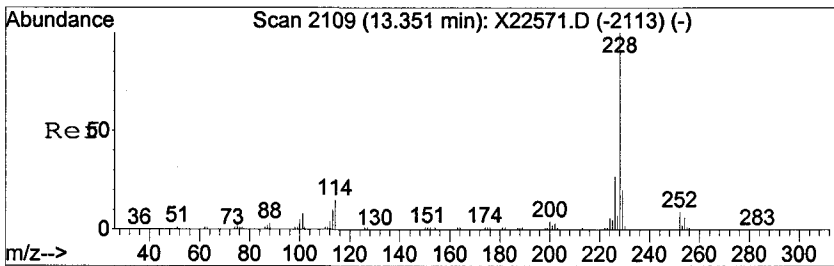
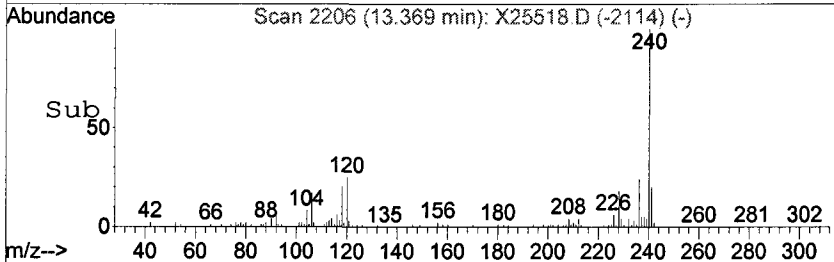
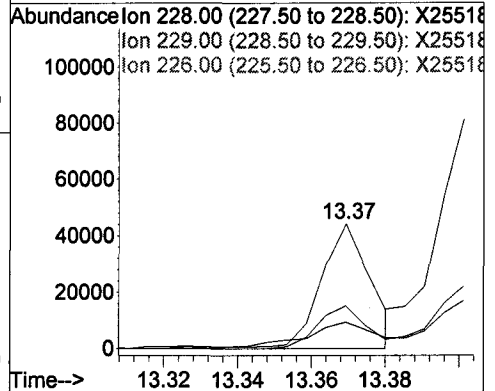
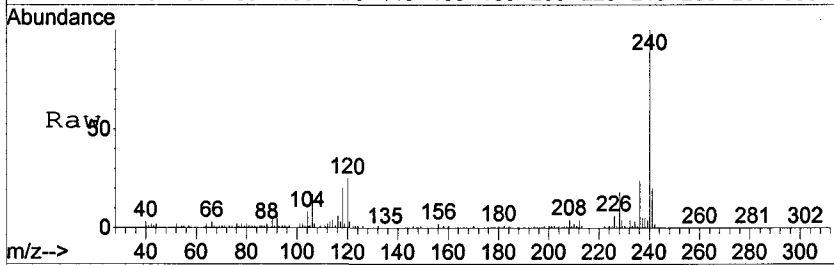
Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	57.1	97.1
206	23.2	2.9	42.9





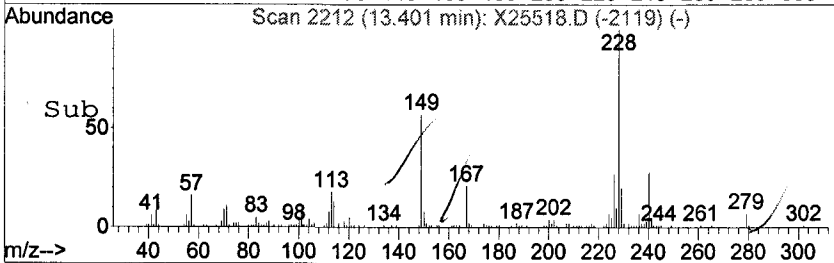
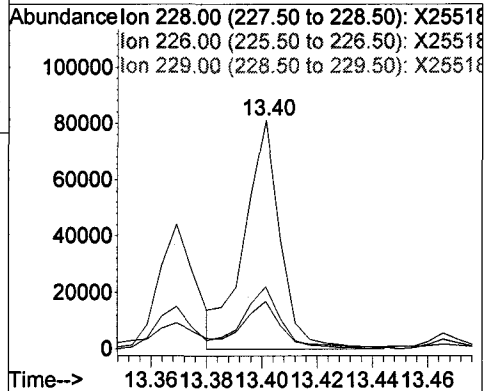
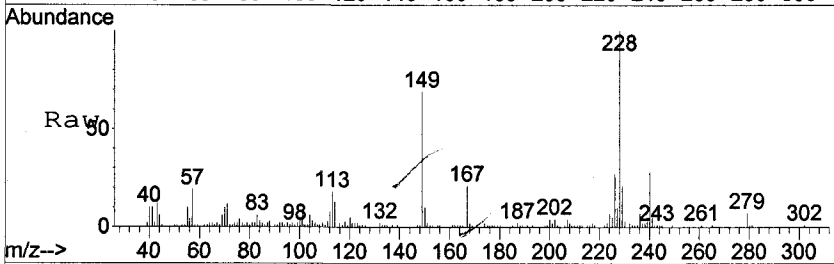
#74
 C730 Benzo[a]anthracene
 Concen: 0.89 ng
 RT: 13.37 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

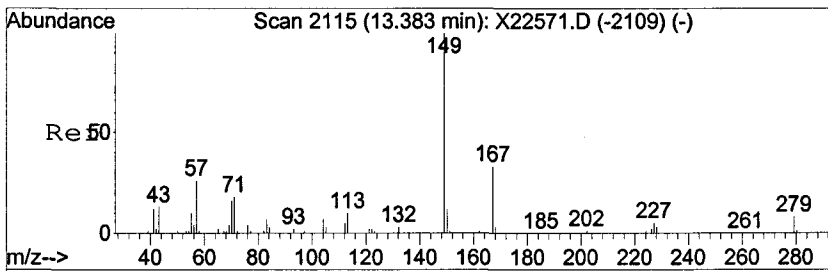
Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	0.0	39.2
226	34.3	5.5	45.5



#75
 C735 Chrysene
 Concen: 1.60 ng
 RT: 13.40 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

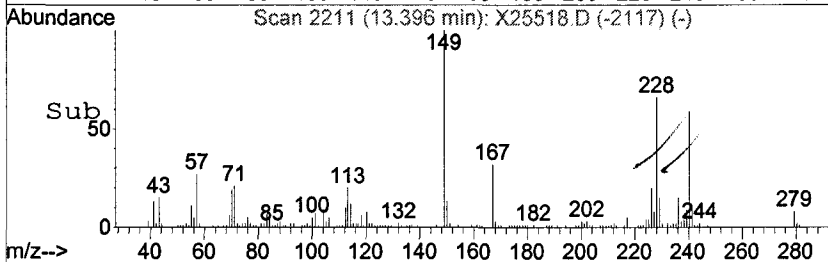
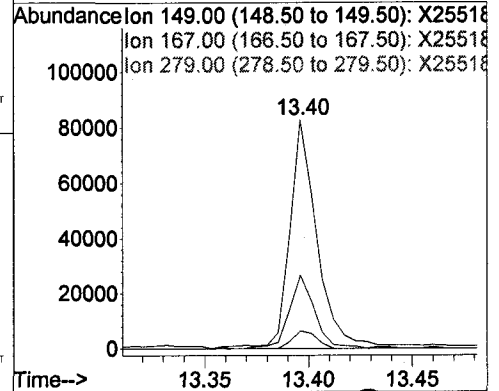
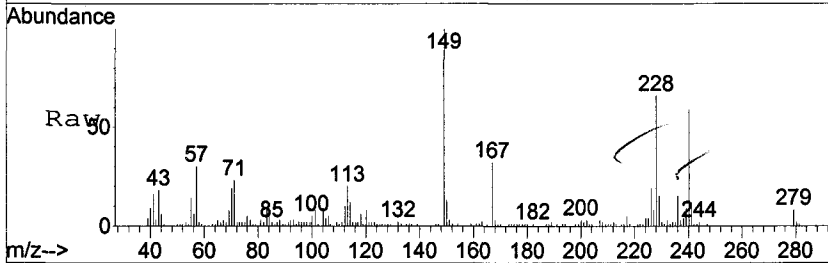
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	8.5	48.5
229	20.2	0.0	39.5





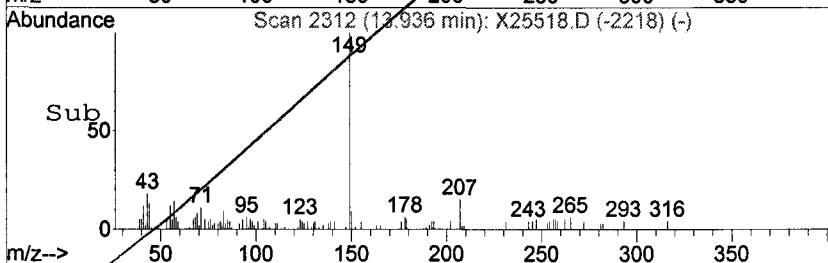
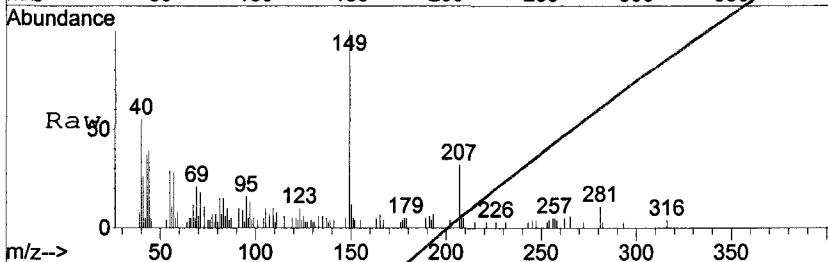
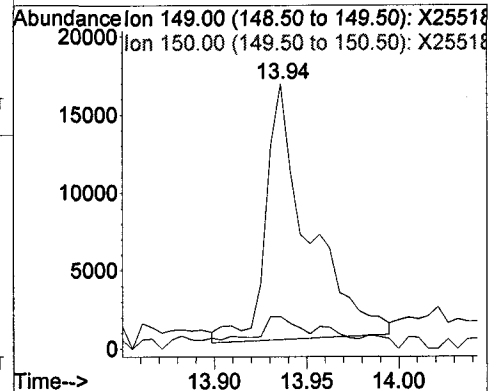
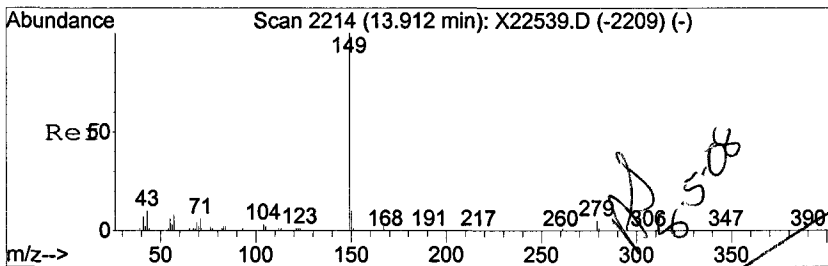
#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 2.44 ng
 RT: 13.40 min Scan# 2211
 Delta R.T. -0.00 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

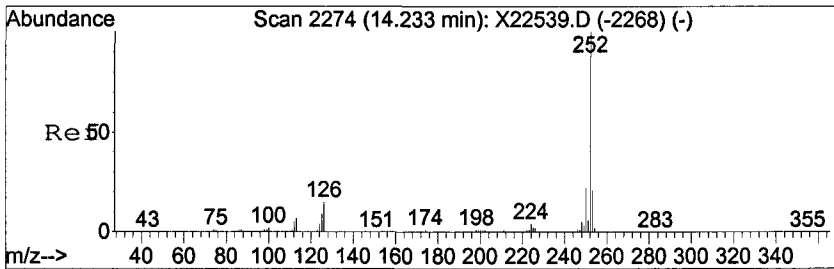
Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.2	16.2	56.2
279	7.8	0.0	31.4



#77
 C760 Di-n-octylphthalate
 Concen: 4.79 ng
 RT: 13.94 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

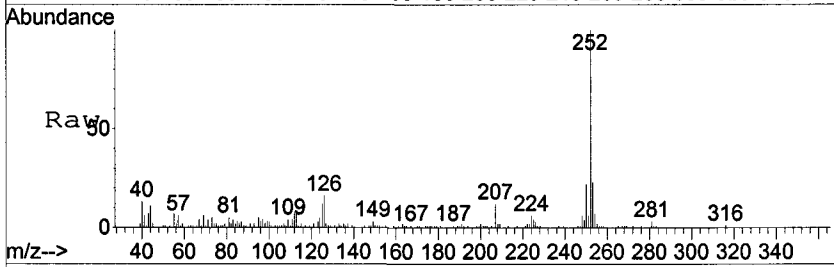
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	0.0	30.0



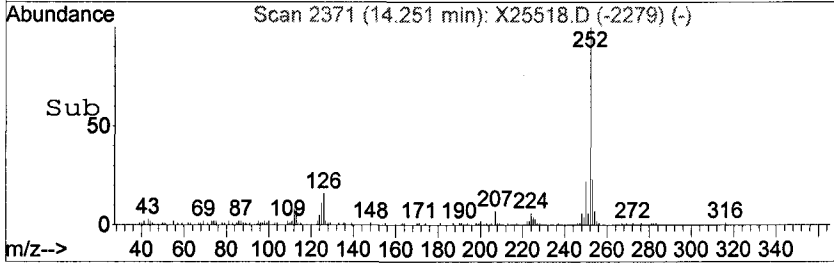
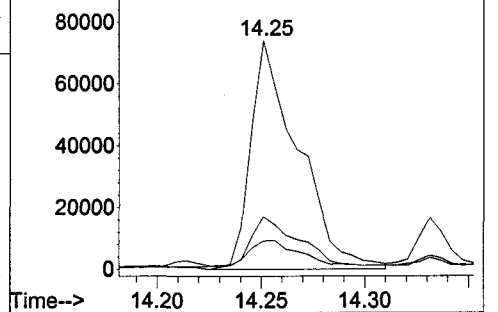


#79
 C765 Benzo[b]fluoranthene
 Concen: 2.01 ng
 RT: 14.25 min Scan# 2371
 Delta R.T. -0.01 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

Tgt Ion	Resp	Lower	Upper
252	117375		
253	21.3	1.1	41.1
125	11.0	0.0	31.0

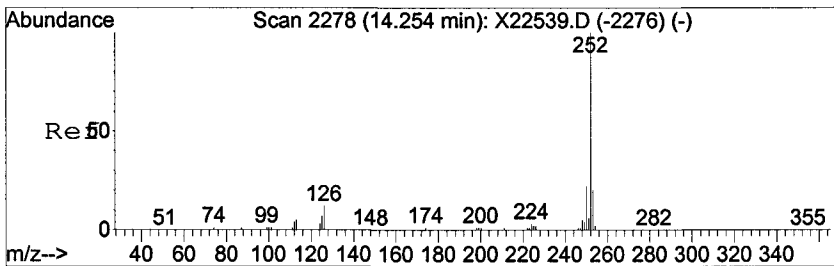


Abundance Ion 252.00 (251.50 to 252.50): X25518
 Ion 253.00 (252.50 to 253.50): X25518
 Ion 125.00 (124.50 to 125.50): X25518

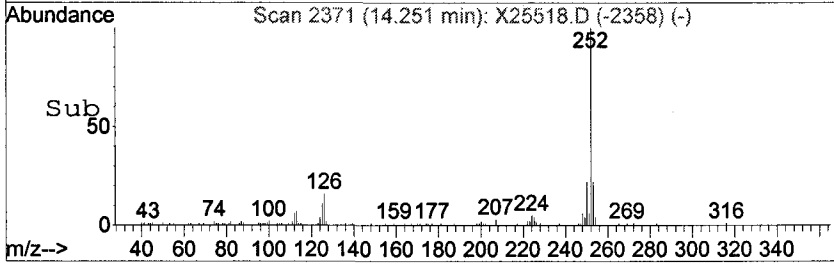
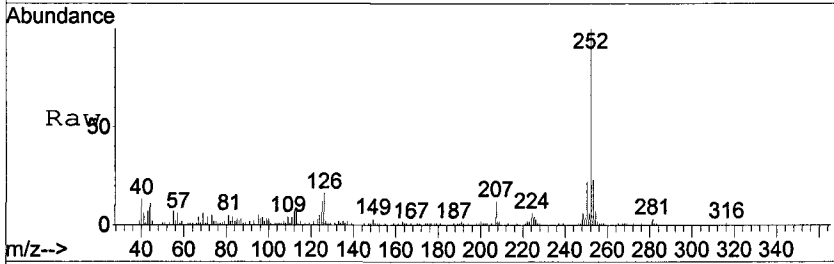
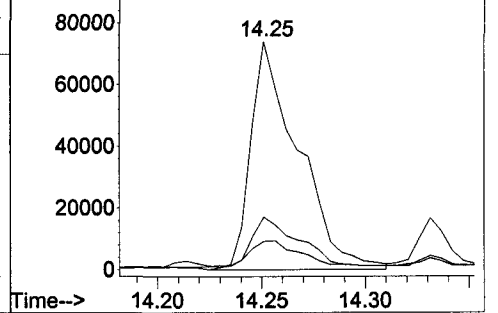


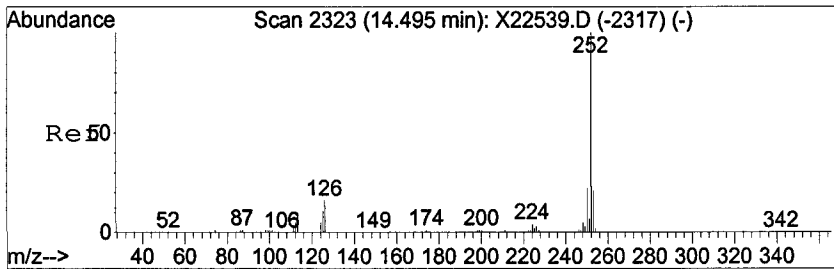
#80
 C770 Benzo[k]fluoranthene
 Concen: 1.97 ng
 RT: 14.25 min Scan# 2371
 Delta R.T. -0.03 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

Tgt Ion	Resp	Lower	Upper
252	117375		
253	21.3	1.5	41.5
125	11.0	0.0	31.5



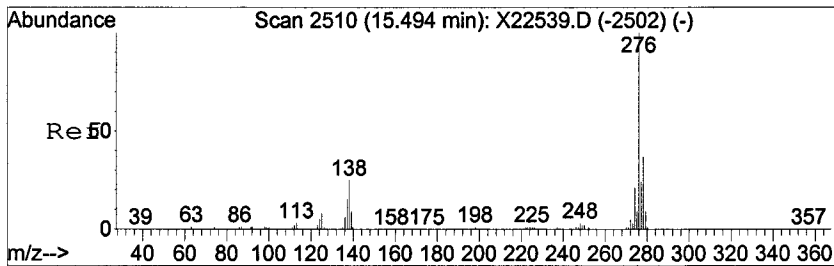
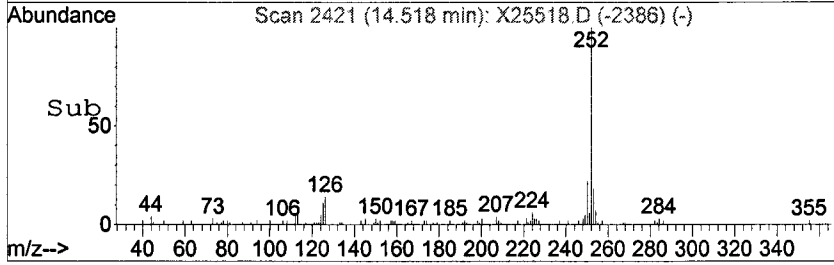
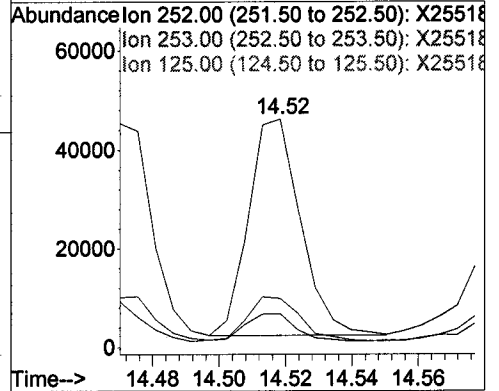
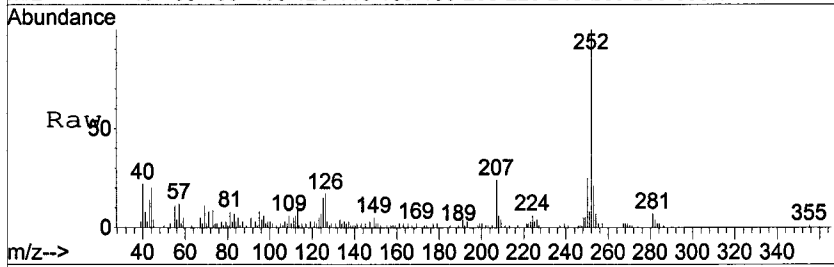
Abundance Ion 252.00 (251.50 to 252.50): X25518
 Ion 253.00 (252.50 to 253.50): X25518
 Ion 125.00 (124.50 to 125.50): X25518





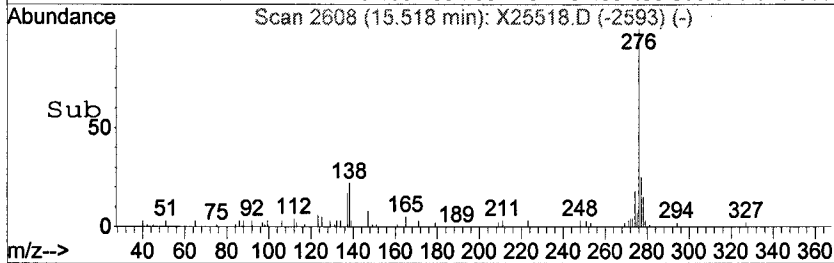
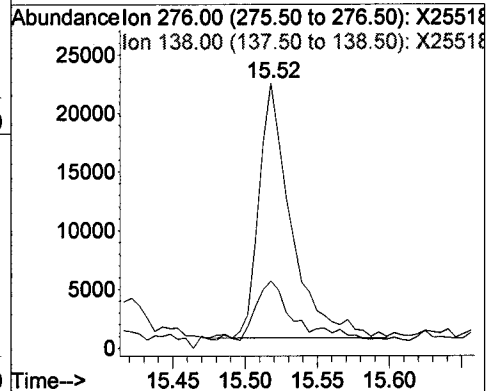
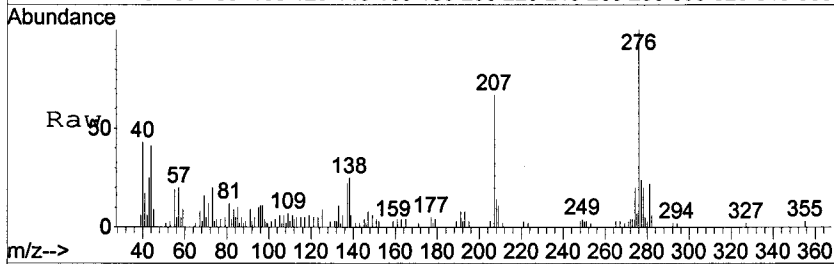
#81
 C775 Benzo[a]pyrene
 Concen: 0.90 ng
 RT: 14.52 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

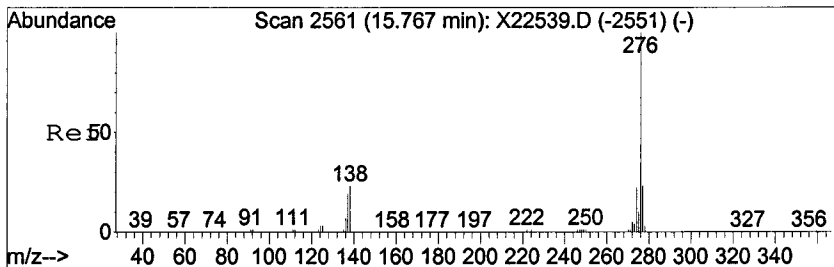
Tgt Ion	Resp	Lower	Upper
252	47768		
253	19.6	1.4	41.4
125	12.2	0.0	29.7



#82
 C780 Indeno[1,2,3-cd]pyrene
 Concen: 0.52 ng
 RT: 15.52 min Scan# 2608
 Delta R.T. -0.02 min
 Lab File: X25518.D
 Acq: 5 Aug 2008 6:05

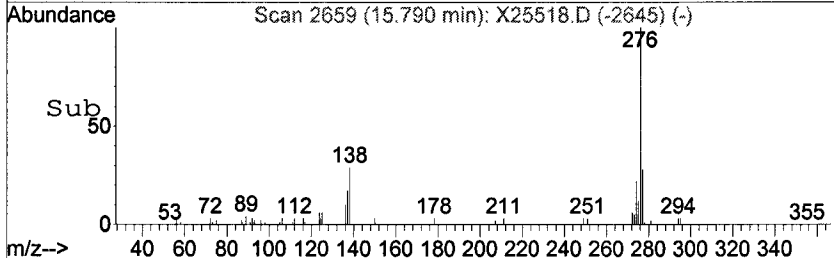
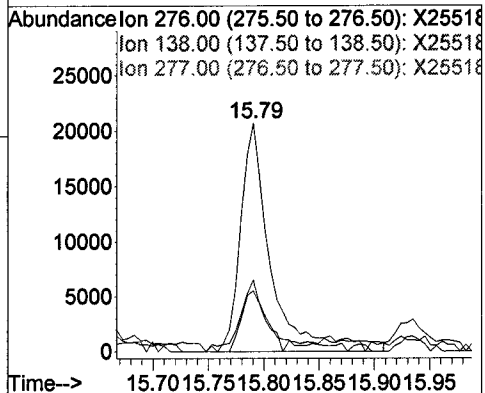
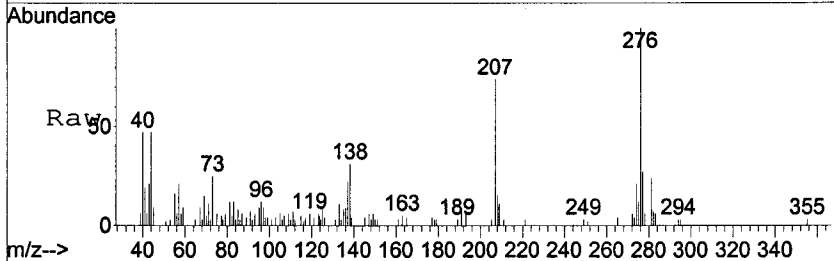
Tgt Ion	Resp	Lower	Upper
276	33893		
138	22.9	7.2	47.2





#84
C790 Benzo[g,h,i]perylene
Concen: 0.68 ng
RT: 15.79 min Scan# 2659
Delta R.T. -0.03 min
Lab File: X25518.D
Acq: 5 Aug 2008 6:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.5	3.0	43.0
277	26.8	2.2	42.2



Data Path : D:\DATA\080408\
 Data File : X25518.D
 Acq On : 5 Aug 2008 6:05
 Operator : AJ
 Sample : A8798804 AS8007825
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

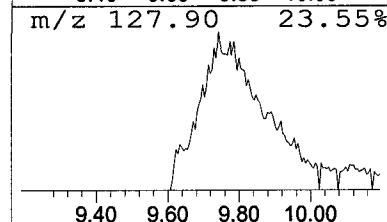
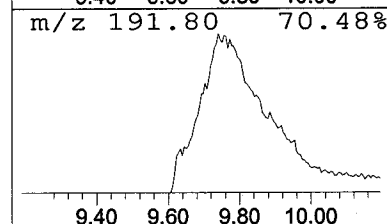
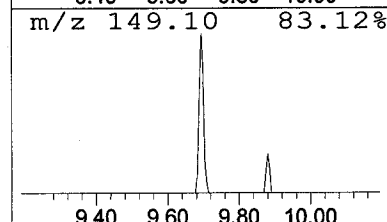
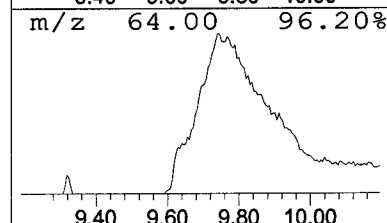
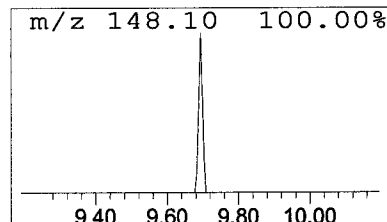
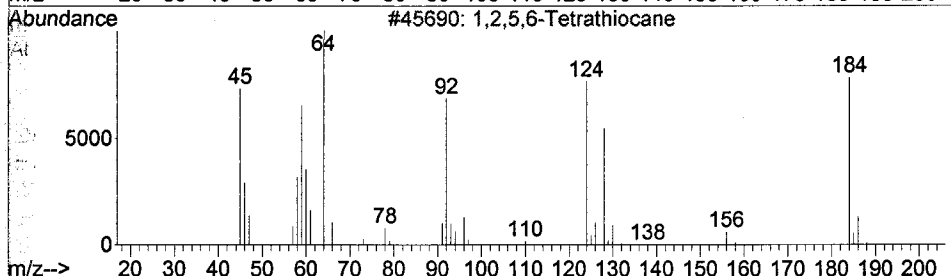
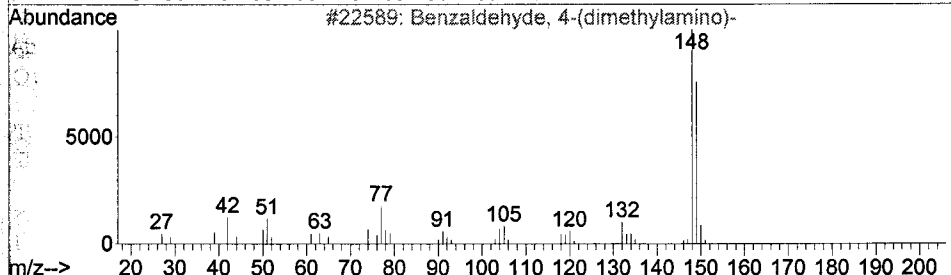
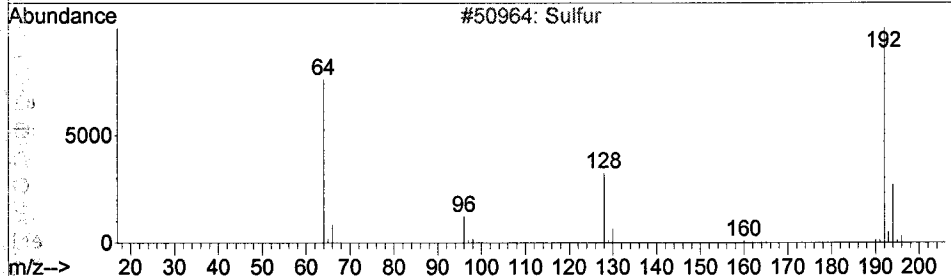
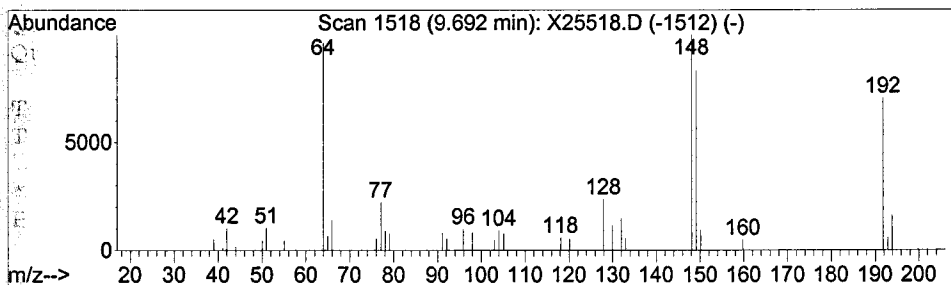
Quant Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M
 Quant Title : 8270 BNA Calibration with EPC

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 1 Sulfur Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
9.69	8.24 ng	93992	CI50 Acenaphthene	456066	9.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur	192	S6	013798-23-7	50
2		Benzaldehyde, 4-(dimethylamino)-	149	C9H11NO	000100-10-7	35
3		1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	25
4		Benzenamine, N,N,3,5-tetramethyl-	149	C10H15N	004913-13-7	14
5		3,4-Dihydro-4,4-dimethylthiocoum...	192	C11H12OS	091587-25-6	11



Data Path : D:\DATA\080408\
 Data File : X25518.D
 Acq On : 5 Aug 2008 6:05
 Operator : AJ
 Sample : A8798804 AS8007825
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M
 Quant Title : 8270 BNA Calibration with EPC

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Concl
Sulfur	9.69	8.2	ng	93992	3	9.32	456066	40.0

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 30.25 (g/mL) G Lab File ID: X24776.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: 23 decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9	Acenaphthene	11000		U
208-96-8	Acenaphthylene	11000		U
98-86-2	Acetophenone	11000		U
120-12-7	Anthracene	11000		U
1912-24-9	Atrazine	11000		U
100-52-7	Benzaldehyde	11000		U
56-55-3	Benzo (a) anthracene	2600		J
205-99-2	Benzo (b) fluoranthene	11000		U
207-08-9	Benzo (k) fluoranthene	11000		U
191-24-2	Benzo (ghi) perylene	11000		U
50-32-8	Benzo (a) pyrene	560		J
92-52-4	Biphenyl	11000		U
111-91-1	Bis (2-chloroethoxy) methane	11000		U
111-44-4	Bis (2-chloroethyl) ether	11000		U
108-60-1	2,2'-Oxybis (1-Chloropropane)	11000		U
117-81-7	Bis (2-ethylhexyl) phthalate	11000		U
101-55-3	4-Bromophenyl phenyl ether	11000		U
85-68-7	Butyl benzyl phthalate	11000		U
105-60-2	Caprolactam	11000		U
106-47-8	4-Chloroaniline	11000		U
59-50-7	4-Chloro-3-methylphenol	11000		U
91-58-7	2-Chloronaphthalene	11000		U
95-57-8	2-Chlorophenol	11000		U
7005-72-3	4-Chlorophenyl phenyl ether	11000		U
86-74-8	Carbazole	11000		U
218-01-9	Chrysene	2700		BJ
53-70-3	Dibenzo (a, h) anthracene	11000		U
132-64-9	Dibenzofuran	11000		U
84-74-2	Di-n-butyl phthalate	11000		U
91-94-1	3,3'-Dichlorobenzidine	11000		U
120-83-2	2,4-Dichlorophenol	11000		U
84-66-2	Diethyl phthalate	11000		U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 30.25 (g/mL) G Lab File ID: X24776.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: 23 decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
105-67-9	2,4-Dimethylphenol	11000		U
131-11-3	Dimethyl phthalate	11000		U
534-52-1	4,6-Dinitro-2-methylphenol	21000		U
51-28-5	2,4-Dinitrophenol	21000		U
121-14-2	2,4-Dinitrotoluene	11000		U
606-20-2	2,6-Dinitrotoluene	11000		U
117-84-0	Di-n-octyl phthalate	11000		U
206-44-0	Fluoranthene	11000		U
86-73-7	Fluorene	11000		U
118-74-1	Hexachlorobenzene	11000		U
87-68-3	Hexachlorobutadiene	11000		U
77-47-4	Hexachlorocyclopentadiene	11000		U
67-72-1	Hexachloroethane	11000		U
193-39-5	Indeno (1,2,3-cd) pyrene	11000		U
78-59-1	Isophorone	11000		U
91-57-6	2-Methylnaphthalene	11000		U
95-48-7	2-Methylphenol	11000		U
106-44-5	4-Methylphenol	11000		U
91-20-3	Naphthalene	11000		U
88-74-4	2-Nitroaniline	21000		U
99-09-2	3-Nitroaniline	21000		U
100-01-6	4-Nitroaniline	21000		U
98-95-3	Nitrobenzene	11000		U
88-75-5	2-Nitrophenol	11000		U
100-02-7	4-Nitrophenol	21000		U
86-30-6	N-nitrosodiphenylamine	11000		U
621-64-7	N-Nitroso-Di-n-propylamine	11000		U
87-86-5	Pentachlorophenol	21000		U
85-01-8	Phenanthrene	930		J
108-95-2	Phenol	11000		U
129-00-0	Pyrene	11000		U
95-95-4	2,4,5-Trichlorophenol	11000		U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8759501

Sample wt/vol: 30.25 (g/mL) G Lab File ID: X24776.RR

Level: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008

% Moisture: 23 decanted: (Y/N) N Date Extracted: 06/30/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	Q
88-06-2-----	2,4,6-Trichlorophenol	11000	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 30.25 (g/mL) G Lab File ID: X24776.RRLevel: (low/med) LOW Date Samp/Recv: 06/23/2008 06/26/2008% Moisture: 22.8 decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 14

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

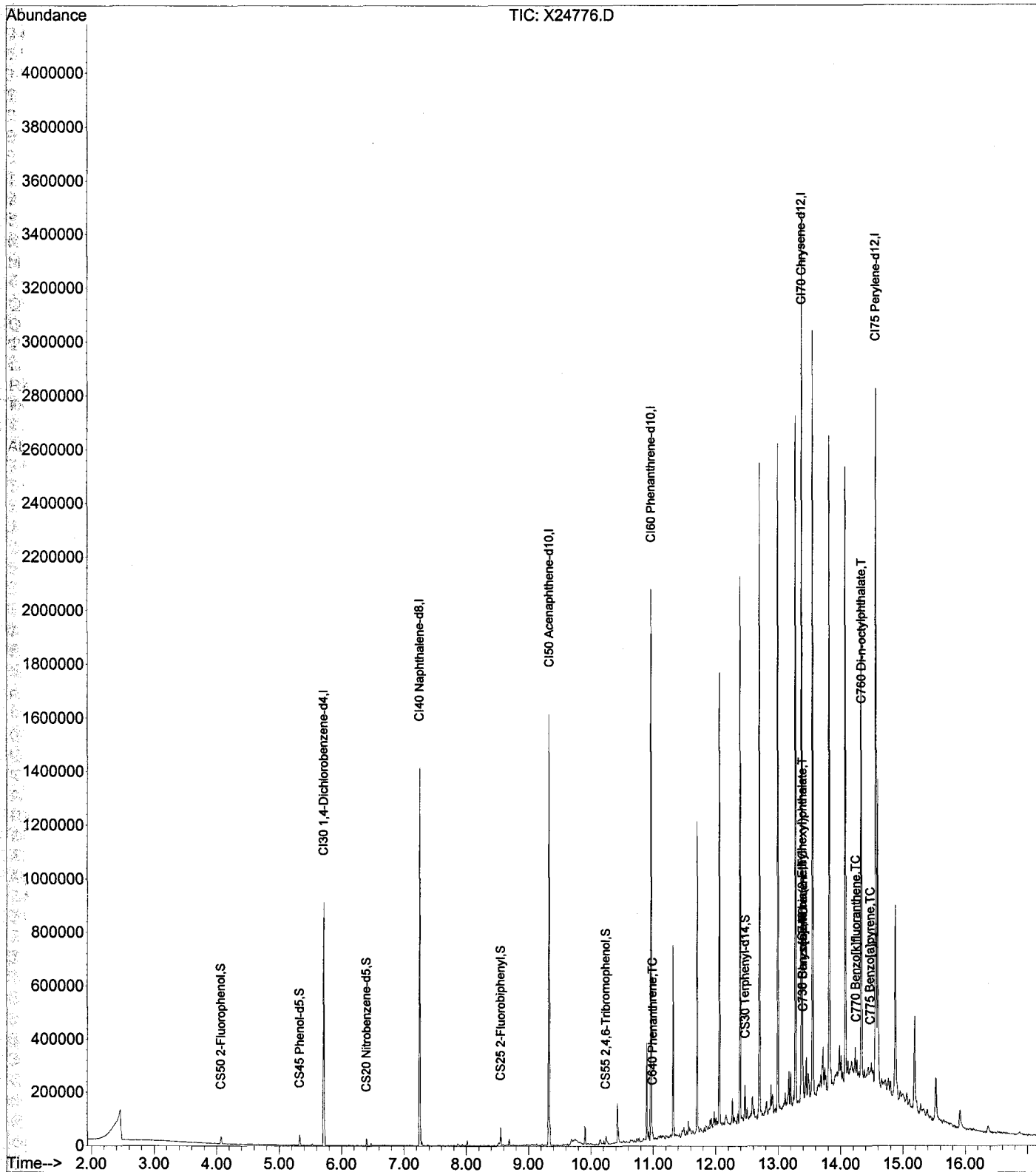
CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	SATURATED HYDROCARBON	10.89	14000	J
2.	SATURATED HYDROCARBON	11.31	30000	J
3.	SATURATED HYDROCARBON	11.70	48000	J
4.	SATURATED HYDROCARBON	12.06	69000	J
5.	SATURATED HYDROCARBON	12.39	48000	J
6.	SATURATED HYDROCARBON	12.70	54000	J
7.	SATURATED HYDROCARBON	12.99	60000	J
8.	SATURATED HYDROCARBON	13.28	67000	J
9.	SATURATED HYDROCARBON	13.55	69000	J
10.	SATURATED HYDROCARBON	13.82	66000	J
11.	SATURATED HYDROCARBON	14.07	61000	J
12.	SATURATED HYDROCARBON	14.32	50000	J
13.	SATURATED HYDROCARBON	14.87	27000	J
14.	SATURATED HYDROCARBON	15.18	12000	J

Data File : D:\DATA\070108\X24776.D
Acq On : 1 Jul 2008 17:05
Sample : A8759501 DF5 AS80007560
Misc : FV-10.OML

Vial: 23
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jul 02 08:12:41 2008 Results File: A8I0399.RES
Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Jul 02 08:11:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML

Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 02 08:12:41 2008

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 02 08:11:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\070108\X24755.D (1 Jul 2008 9:05)

*SS
 AEG 7/3/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.71	152	146867	40.00	ng	-0.01 73.12%
20) CI40 Naphthalene-d8	7.25	136	608387	40.00	ng	-0.01 79.23%
35) CI50 Acenaphthene-d10	9.33	164	344280	40.00	ng	0.00 76.94%
56) CI60 Phenanthrene-d10	10.97	188	649734	40.00	ng	0.00 85.06%
68) CI70 Chrysene-d12	13.38	240	971393	40.00	ng	0.00 135.42%
78) CI75 Perylene-d12	14.56	264	882219	40.00	ng	0.00 116.21%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.07	112	11716	2.26	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =			1.51%#
5) CS45 Phenol-d5	5.33	99	15676	2.30	ng	-0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =			1.53%#
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =			0.00%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =			0.00%#
21) CS20 Nitrobenzene-d5	6.40	82	9134	1.68	ng	-0.01
Spiked Amount 100.000	Range 34 - 114		Recovery =			1.68%#
39) CS25 2-Fluorobiphenyl	8.55	172	20541	1.90	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =			1.90%#
59) CS55 2,4,6-Tribromophenol	10.25	330	3179	2.10	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =			1.40%#
71) CS30 Terphenyl-d14	12.47	244	32184	1.34	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =			1.34%#

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

8/7/08

Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML

Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 02 08:12:41 2008

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Wed Jul 02 08:11:48 2008

Response via : Initial Calibration

DataAcq Meth : 8270BP

IS QA File : D:\DATA\070108\X24755.D (1 Jul 2008 9:05)

*AEK
7/3/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.		
30) C450 Naphthalene	7.28	128	167	N.D.		
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.		
34) C470 2-Methylnaphthalene	8.11	142	884	N.D.		
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41) C530 2-Nitroaniline	0.00	65	0	N.D.		
42) C540 Acenaphthylene	9.17	152	197	N.D.		
43) C535 Dimethylphthalate	0.00	163	0	N.D.		
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
45) C550 Acenaphthene	0.00	153	0	N.D.		
46) C545 3-Nitroaniline	0.00	138	0	N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48) C565 Dibenzofuran	0.00	168	0	N.D.		
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50) C560 4-Nitrophenol	0.00	109	0	N.D.		
51) C590 Fluorene	0.00	166	0	N.D.		
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53) C580 Diethylphthalate	0.00	149	0	N.D.		
54) C620 1,2-diphenylhydrazin	0.00	77	0	N.D.		
55) C595 4-Nitroaniline	0.00	138	0	N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58) C615 n-Nitrosodiphenylam	10.15	169	412	N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.		
62) C635 Pentachlorophenol	0.00	266	0	N.D.		
63) C640 Phenanthrene	10.99	178	7391	0.43	ng	92
64) C645 Anthracene	11.04	178	378	N.D.		
65) C647 carbazole	11.22	167	503	N.D.		
66) C650 Di-n-butylphthalate	11.58	149	389	N.D.		
67) C655 Fluoranthene	12.21	202	722	N.D.		
69) C715 Pyrene	12.32	202	3136	N.D.		
70) C710 benzidine	11.70	184	512	N.D.		
72) C720 Butylbenzylphthalat	12.90	149	391	N.D.		
73) C725 3,3'-Dichlorobenzid	13.36	252	525	N.D.		
74) C730 Benzo[a]anthracene	13.40	228	37132	1.23	ng	99
75) C735 Chrysene	13.40	228	37132	1.24	ng	96
76) C740 bis(2-Ethylhexyl)phth	13.39	149	6844	0.38	ng	89
77) C760 Di-n-octylphthalate	14.34	149	997	3.31	ng	73
79) C765 Benzo[b]fluoranthene	14.25	252	3709	N.D.		
80) C770 Benzo[k]fluoranthene	14.25	252	3709	0.74	ng	87
81) C775 Benzo[a]pyrene	14.47	252	7203	0.26	ng	94
82) C780 Indeno[1,2,3-cd]pyr	15.52	276	556	N.D.		
83) C785 Dibenz[a,h]anthrace	15.52	278	1145	N.D.		
84) C790 Benzo[g,h,i]perylene	15.79	276	1770	N.D.		

m 8/7/08

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML

Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 14 08:29:38 2008

Results File: A8I0363.RES

Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

AJ
7-14-08

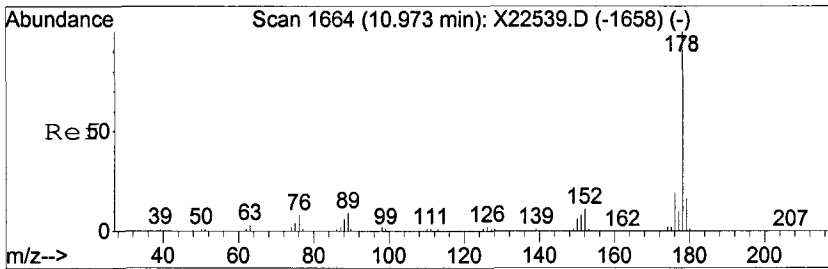
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.71	152	146867	40.00	ng	-0.34 82.88%
4) CI40 Naphthalene-d8	7.25	136	608387	40.00	ng	-0.29 89.05%
D 7) CI50 Acenaphthene-d8	9.33	164	344280	40.00	ng	-0.28 84.57%
A S10) CI60 Phenanthrene-d10	10.97	188	649734	40.00	ng	-0.25 88.07%
M12) CI70 Chrysene-d12	13.38	240	971393	40.00	ng	-0.24 127.16%
C13) CI75 Perylene-d12	14.56	264	882219	40.00	ng	-0.30 114.01%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	6.11	105	440	N.D.		
5) E655 Caprolactam	7.86	113	476	0.25 ng	#	1
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	9.33	154	1052	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

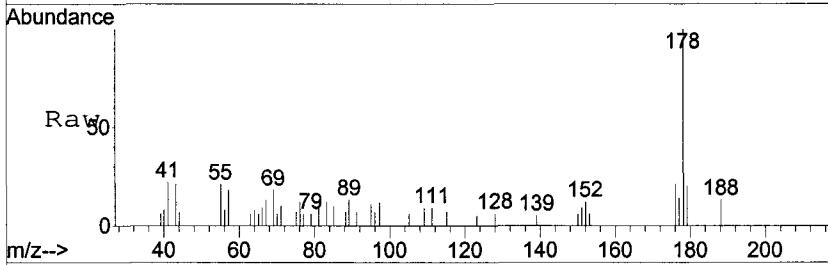
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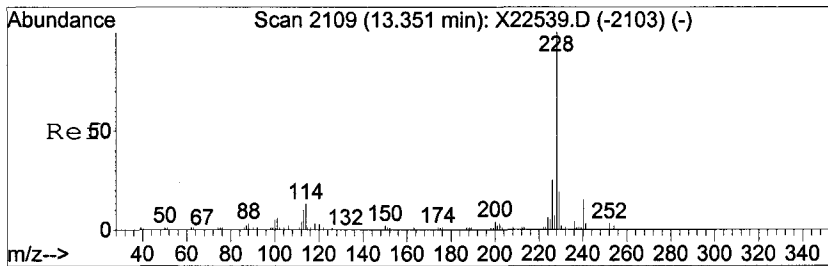
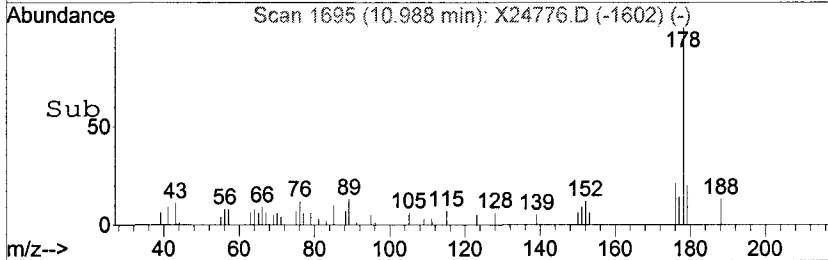
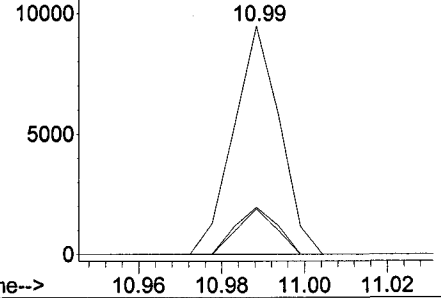


#63
C640 Phenanthrene
Concen: 0.43 ng
RT: 10.99 min Scan# 1695
Delta R.T. -0.01 min
Lab File: X24776.D
Acq: 1 Jul 2008 17:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.0	0.0	35.2
176	20.8	0.0	38.7

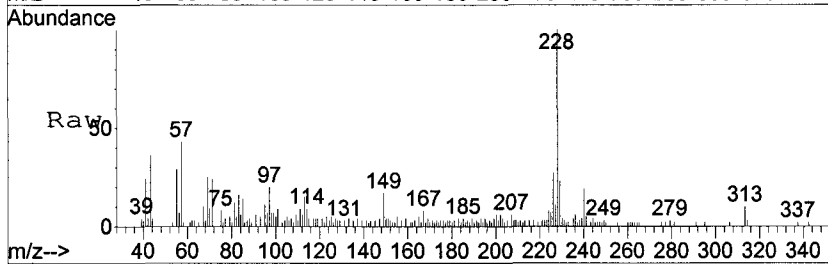


Abundance Ion 178.00 (177.50 to 178.50): X24776
Ion 179.00 (178.50 to 179.50): X24776
Ion 176.00 (175.50 to 176.50): X24776

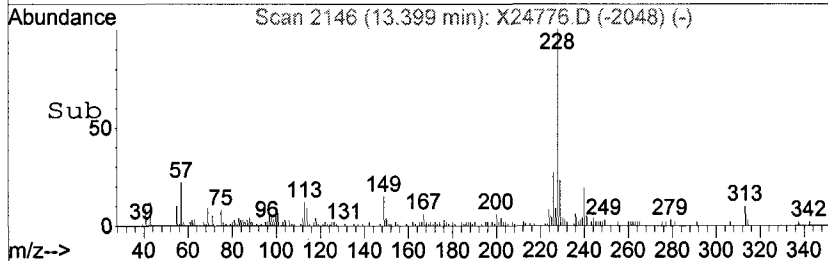
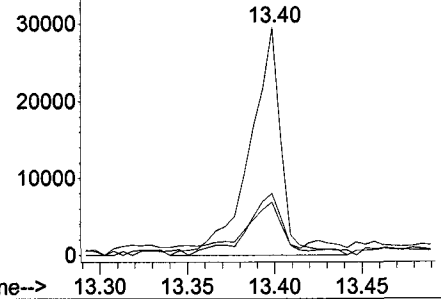


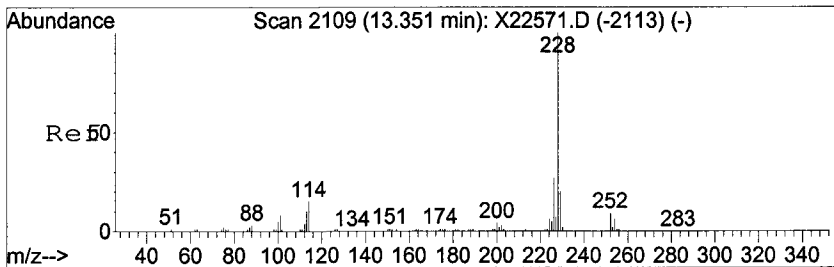
#74
C730 Benzo[a]anthracene
Concen: 1.23 ng
RT: 13.40 min Scan# 2146
Delta R.T. 0.03 min
Lab File: X24776.D
Acq: 1 Jul 2008 17:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	0.0	39.2
226	25.4	5.5	45.5



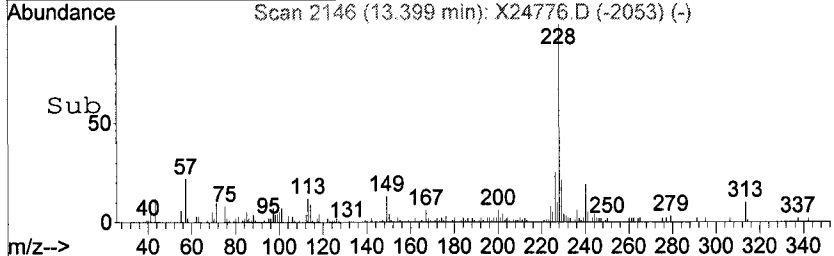
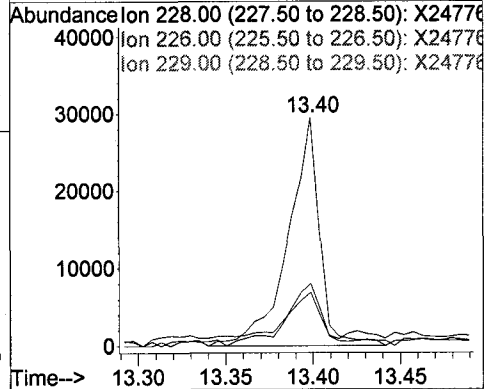
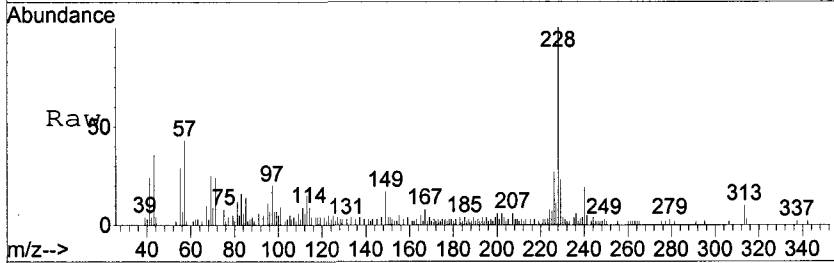
Abundance Ion 228.00 (227.50 to 228.50): X24776
Ion 229.00 (228.50 to 229.50): X24776
Ion 226.00 (225.50 to 226.50): X24776





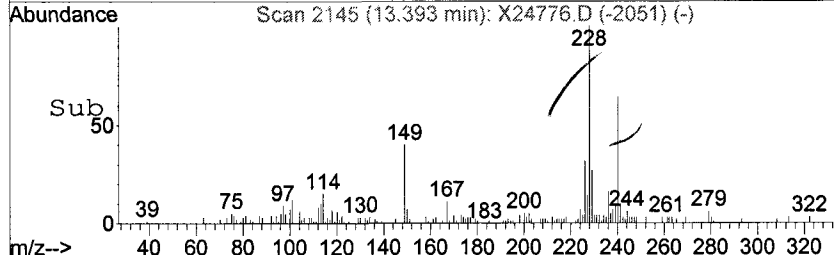
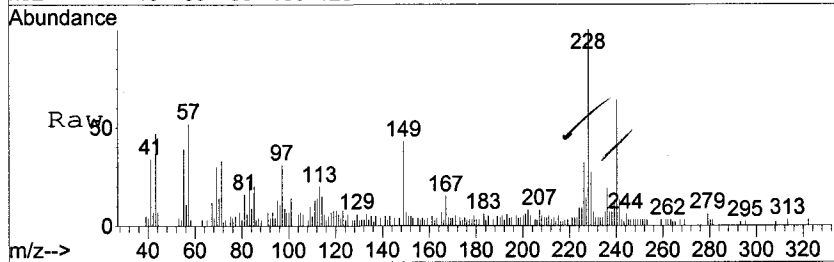
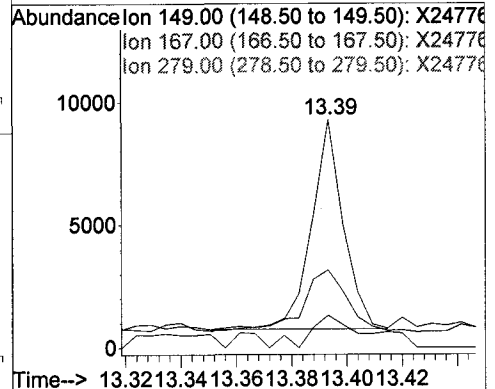
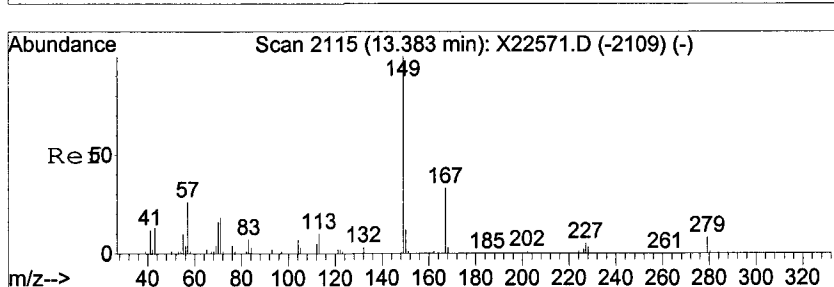
#75
 C735 Chrysene
 Concen: 1.24 ng
 RT: 13.40 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: X24776.D
 Acq: 1 Jul 2008 17:05

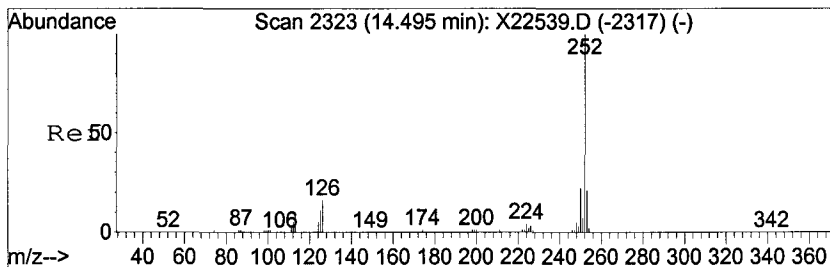
Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.4	8.5	48.5
229	20.0	0.0	39.5



#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 0.38 ng
 RT: 13.39 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: X24776.D
 Acq: 1 Jul 2008 17:05

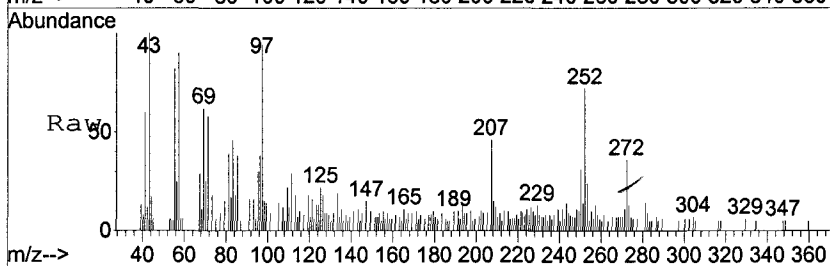
Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	16.2	56.2
279	8.7	0.0	31.4



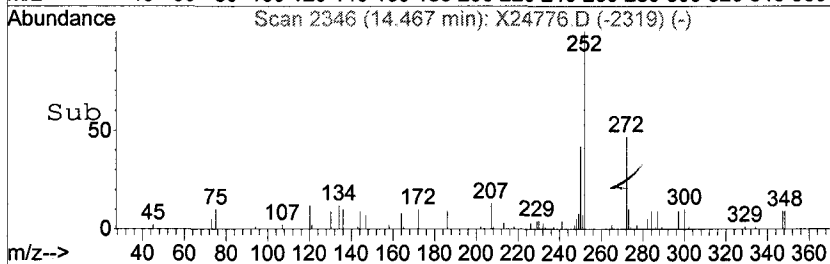
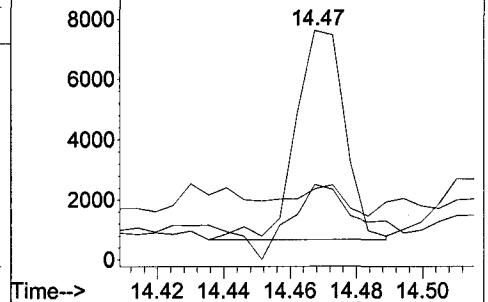


#81
C775 Benzo[a]pyrene
Concen: 0.26 ng
RT: 14.47 min Scan# 2346
Delta R.T. -0.05 min
Lab File: X24776.D
Acq: 1 Jul 2008 17:05

Tgt Ion	Resp	Lower	Upper
252	7203	100	100
253	19.4	1.4	41.4
125	6.2	0.0	29.7



Abundance Ion 252.00 (251.50 to 252.50): X24776
Ion 253.00 (252.50 to 253.50): X24776
Ion 125.00 (124.50 to 125.50): X24776



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

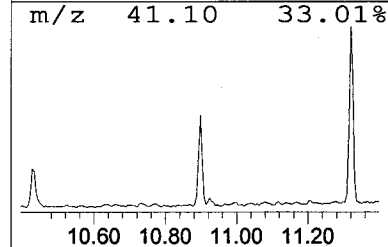
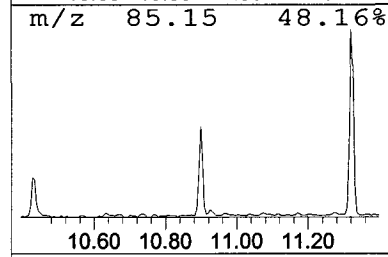
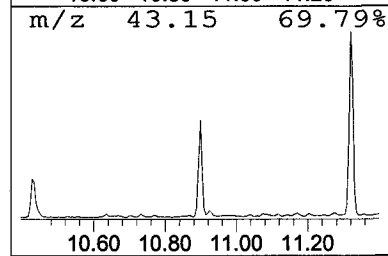
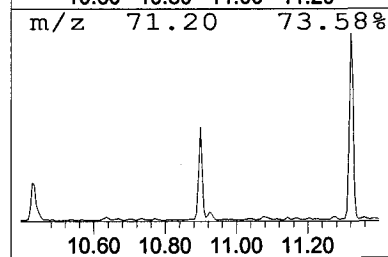
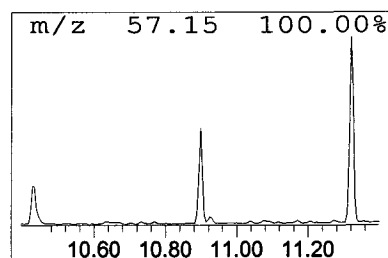
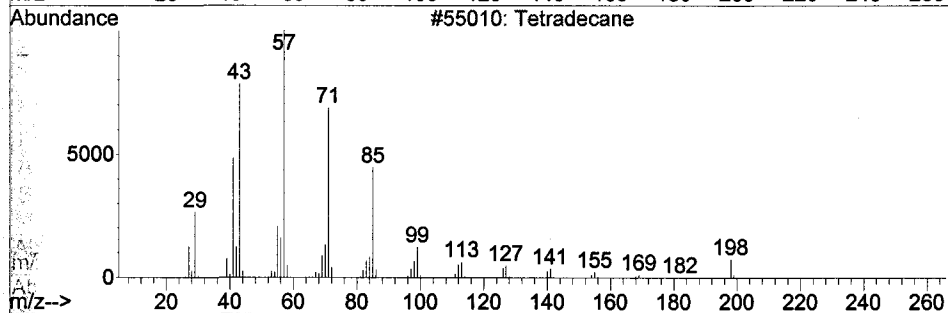
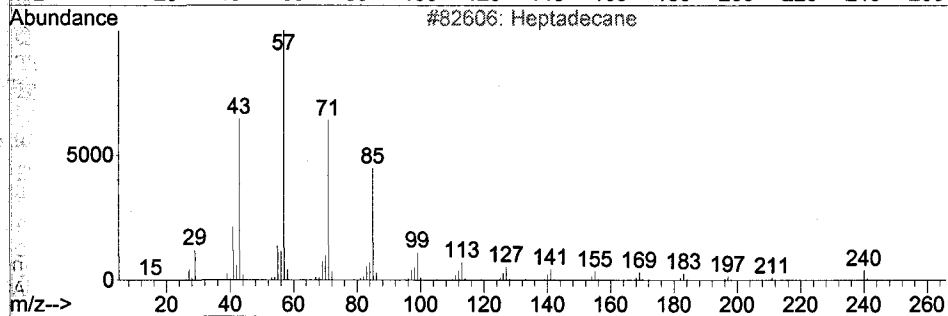
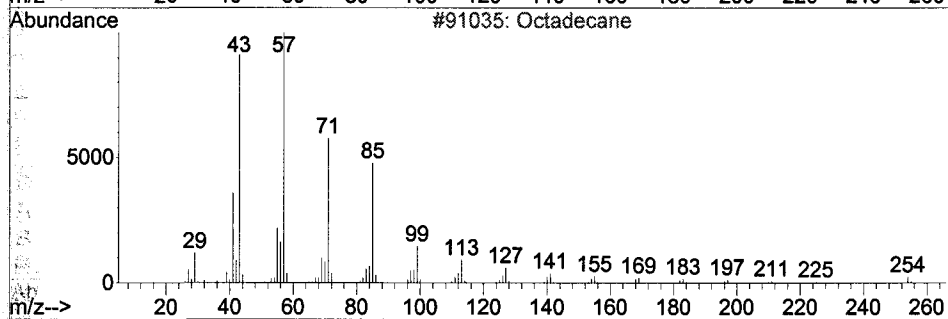
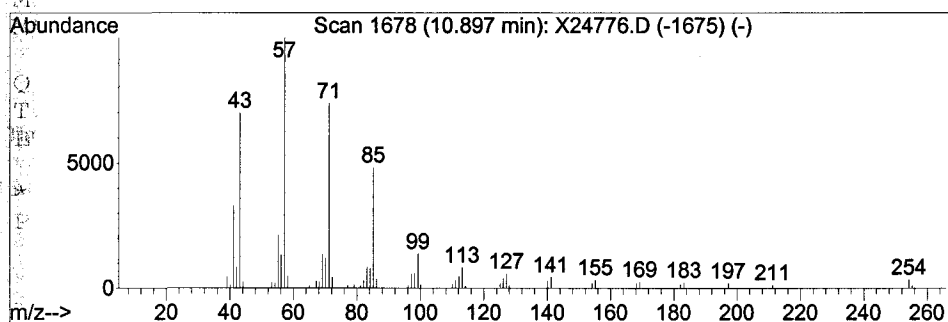
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
10.90	6.81 ng	268311	CI60 Phenanthrene	1575580	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	98
2		Heptadecane	240	C17H36	000629-78-7	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexadecane	226	C16H34	000544-76-3	91



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

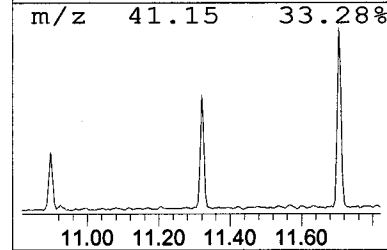
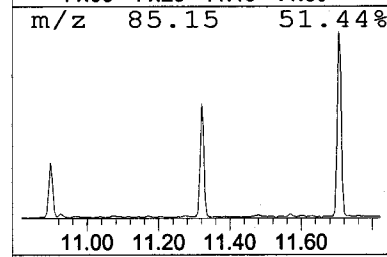
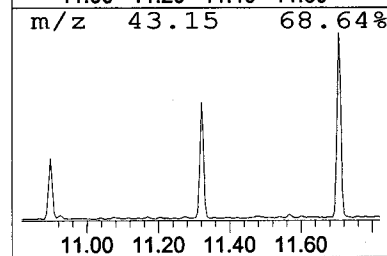
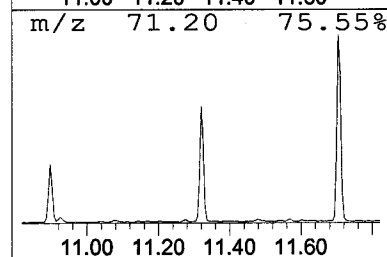
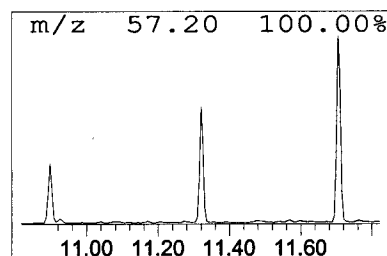
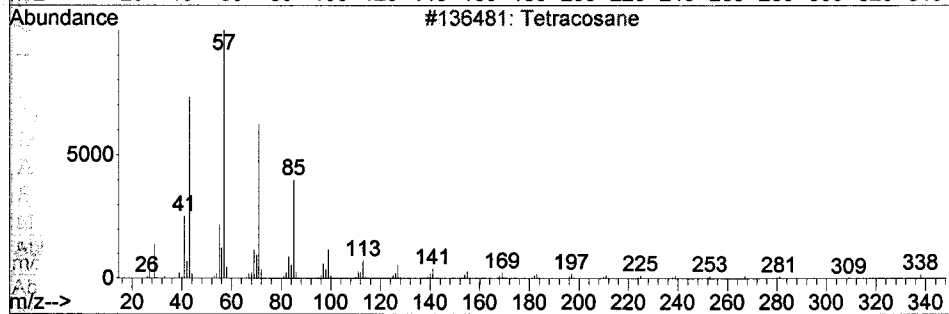
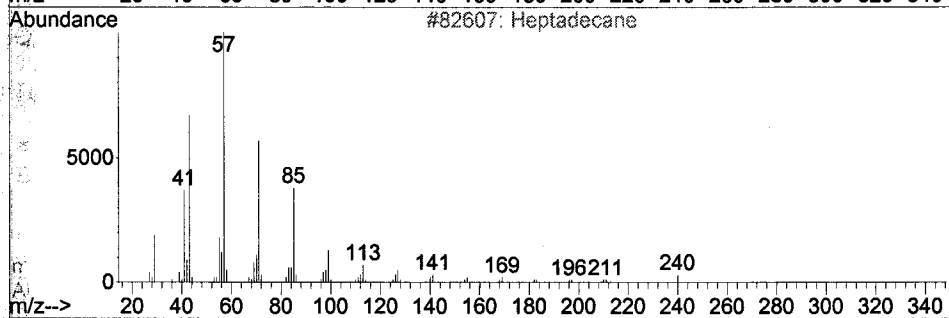
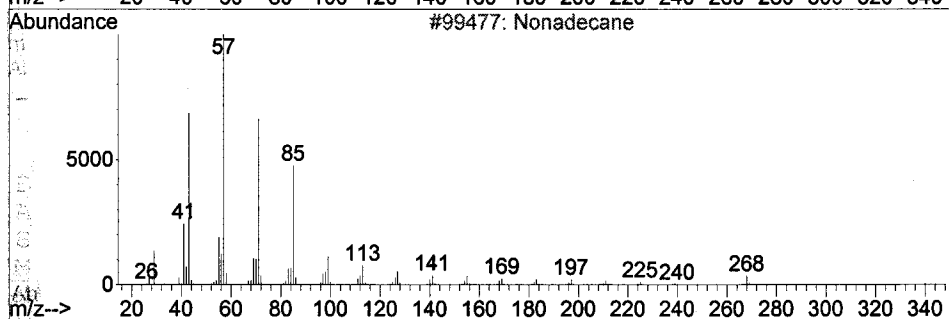
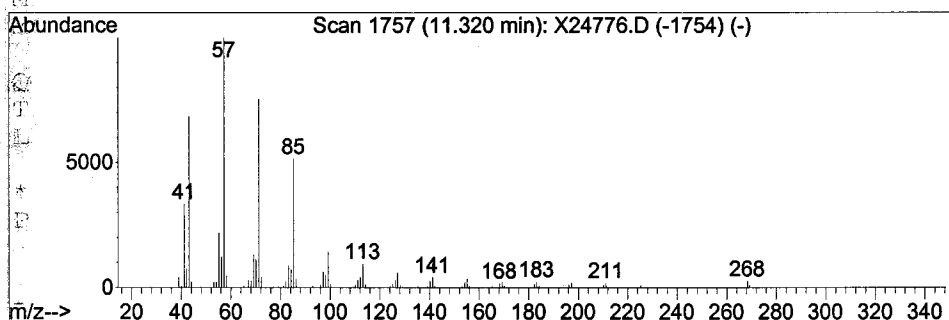
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 2 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
11.32	13.78 ng	542880	CI60 Phenanthrene	1575580	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	97
2		Heptadecane	240	C17H36	000629-78-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octadecane	254	C18H38	000593-45-3	91



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

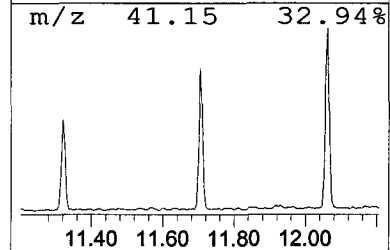
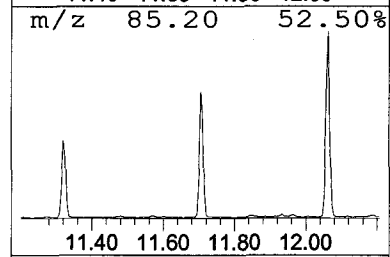
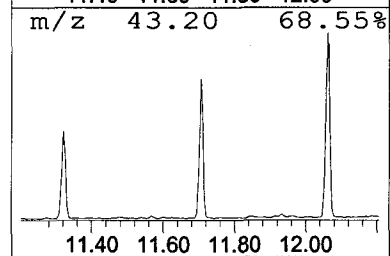
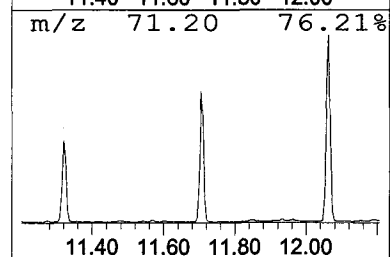
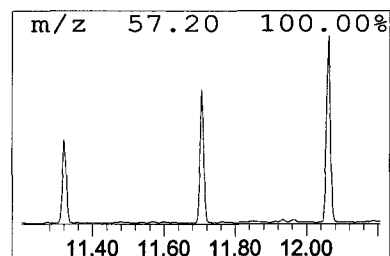
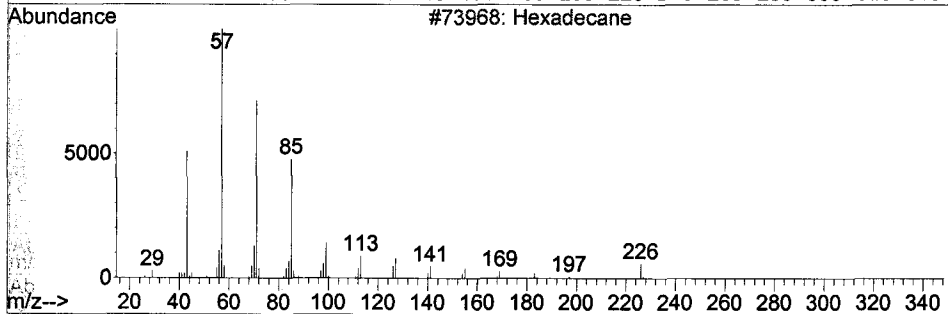
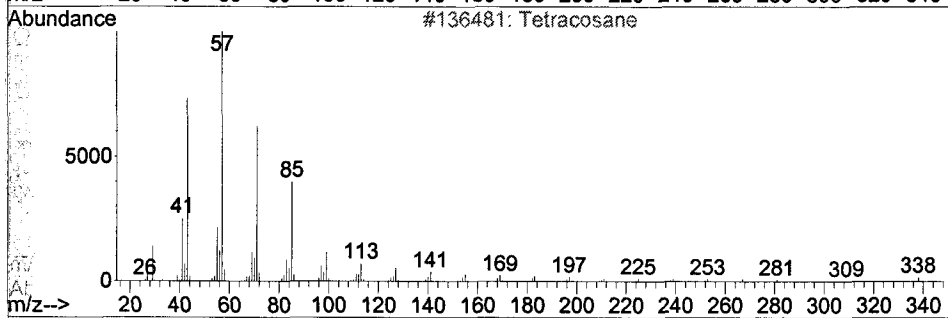
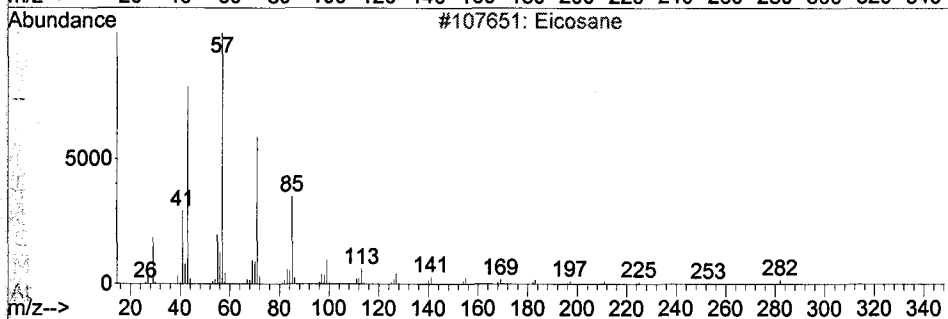
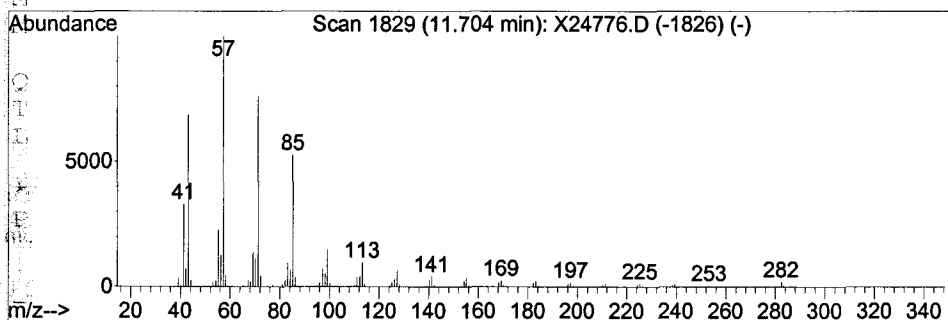
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 3 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
11.70	22.38 ng	881352	CI60 Phenanthrene	1575580	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octadecane	254	C18H38	000593-45-3	91



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

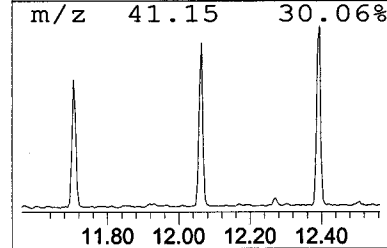
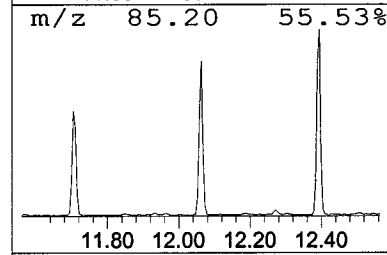
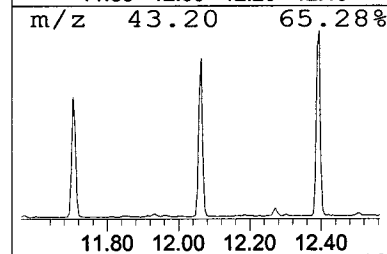
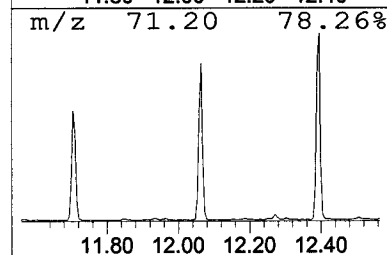
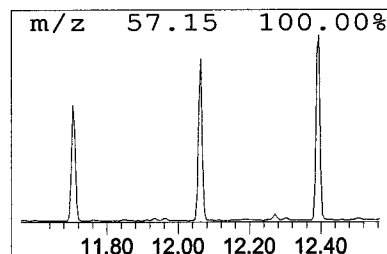
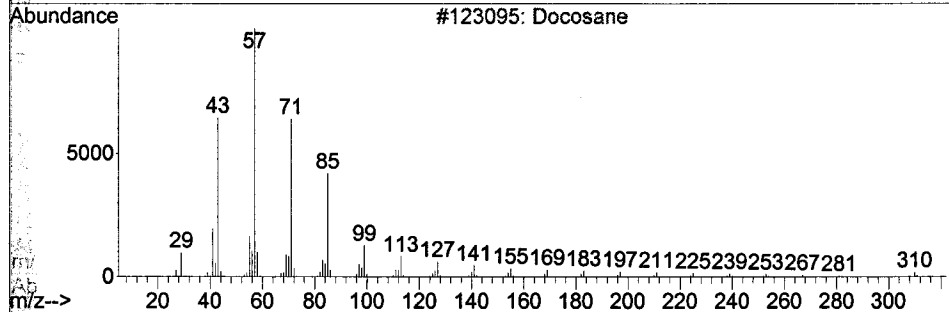
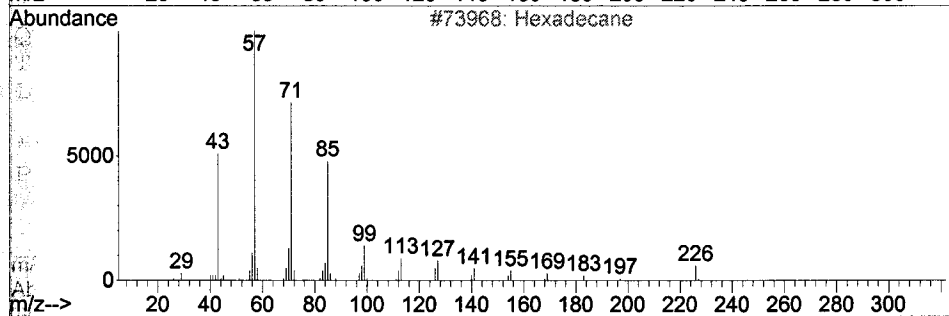
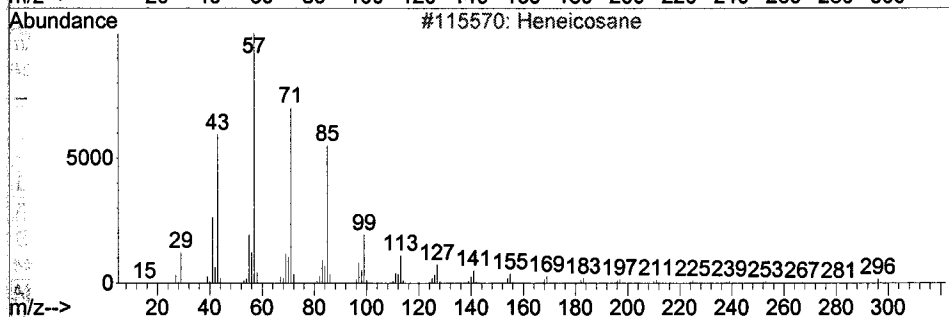
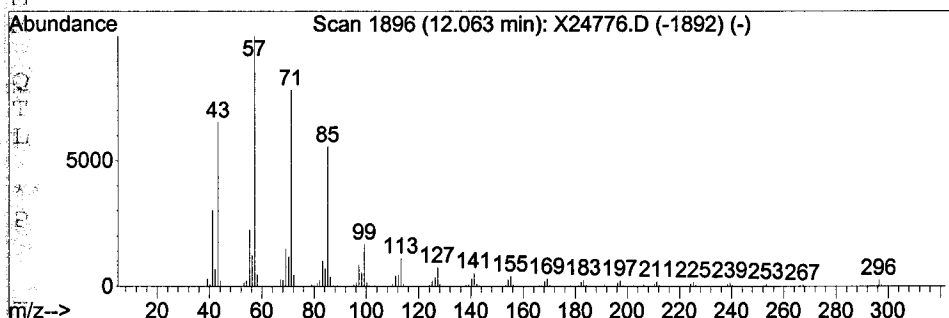
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 4 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
12.06	32.06 ng	1262660	CI60 Phenanthrene	1575580	10.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	99
2		Hexadecane	226	C16H34	000544-76-3	94
3		Docosane	310	C22H46	000629-97-0	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

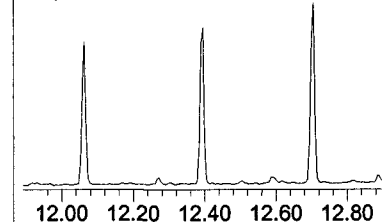
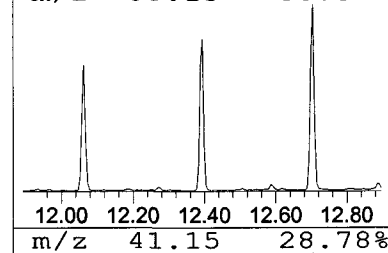
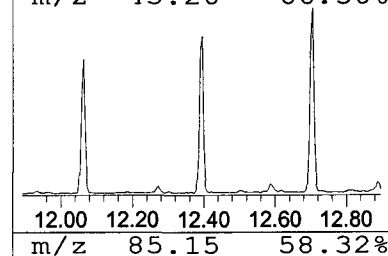
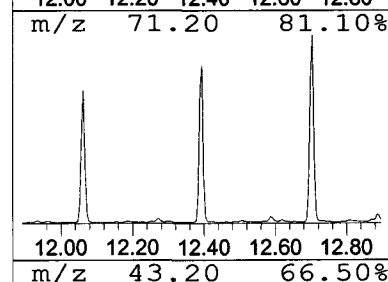
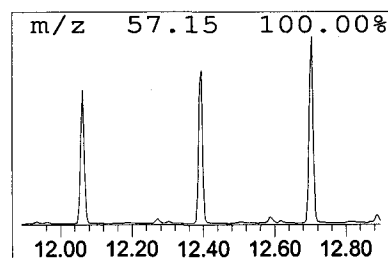
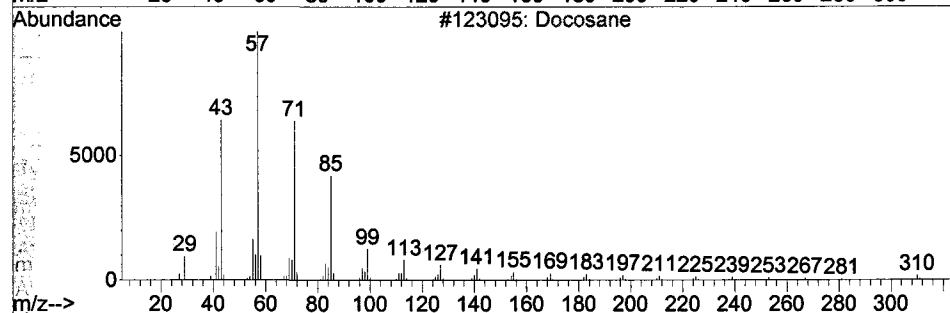
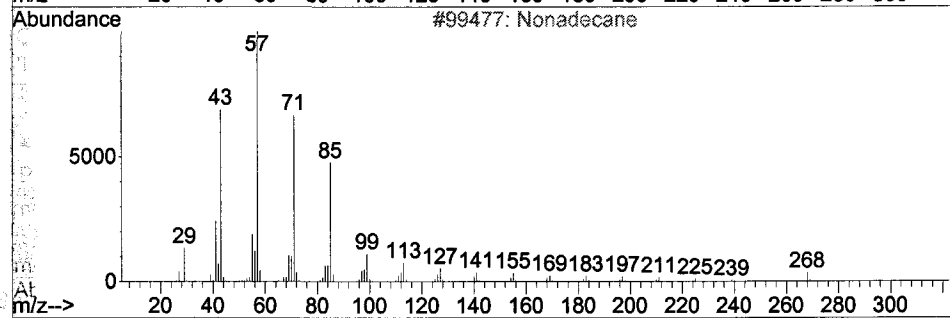
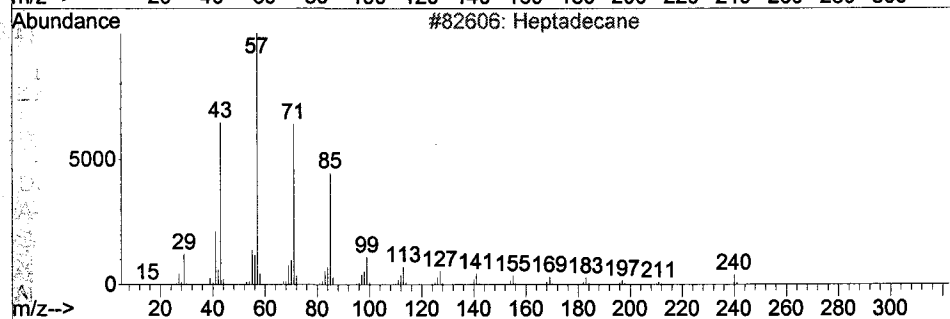
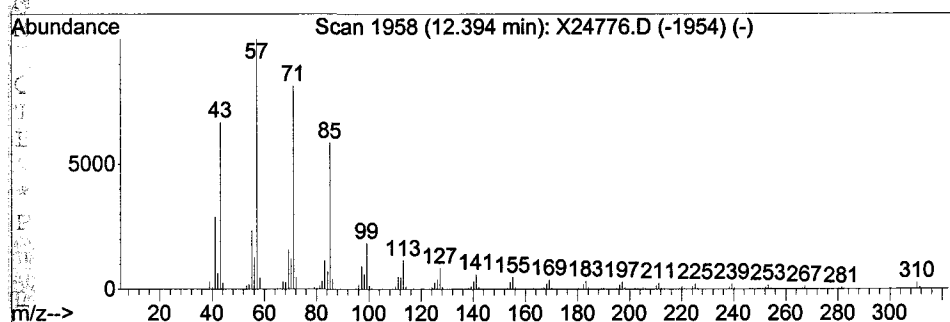
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 5 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
12.39	22.33 ng	1586820	CI70 Chrysene-d12	2843050	13.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Nonadecane	268	C19H40	000629-92-5	97
3		Docosane	310	C22H46	000629-97-0	95
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
5		Octadecane, 2,6,10,14-tetramethyl-	310	C22H46	054964-82-8	94



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

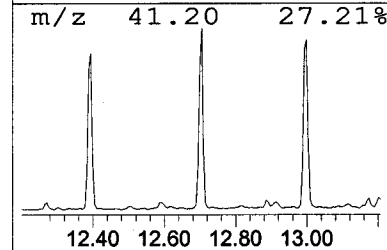
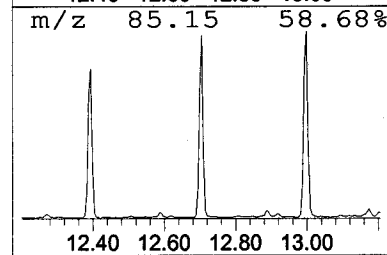
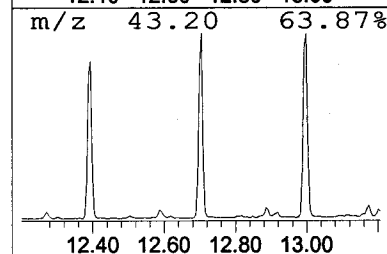
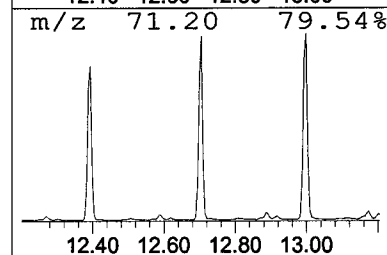
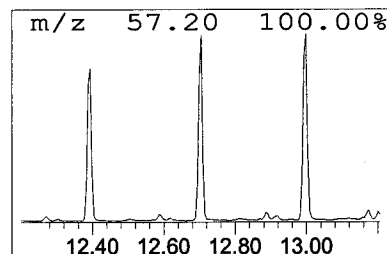
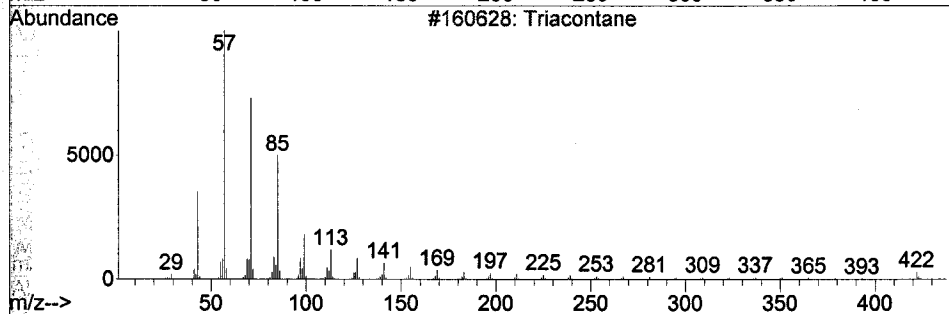
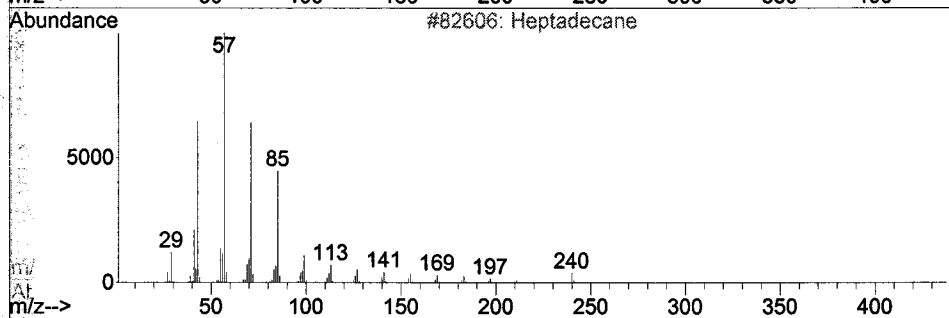
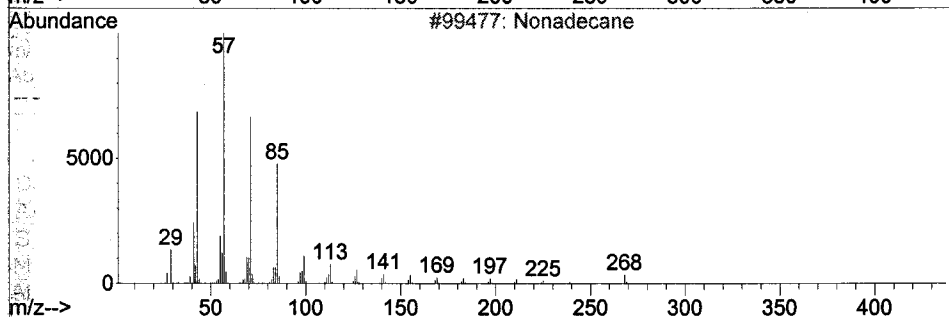
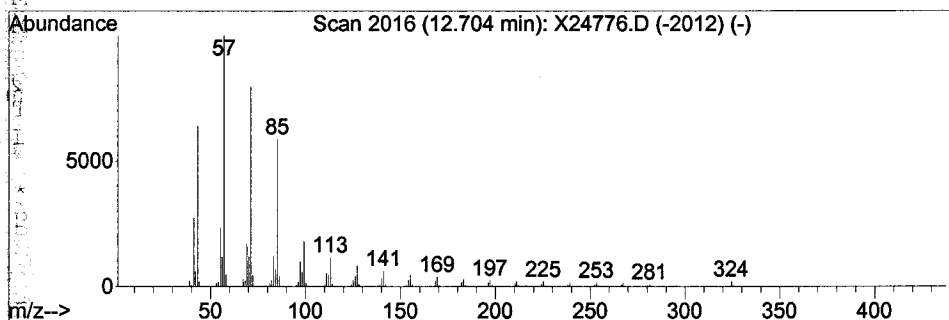
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 6 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
12.70	25.44 ng	1808340	CI70 Chrysene-d12	2843050	13.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heptadecane	240	C17H36	000629-78-7	93
3		triacontane	422	C30H62	000638-68-6	91
4		Docosane	310	C22H46	000629-97-0	91
5		Nonacosane	408	C29H60	000630-03-5	91



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML

Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

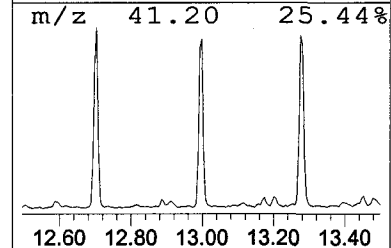
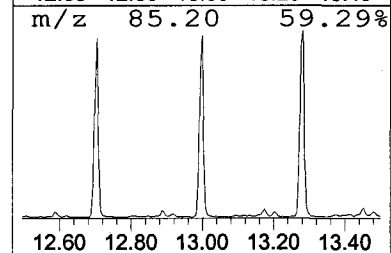
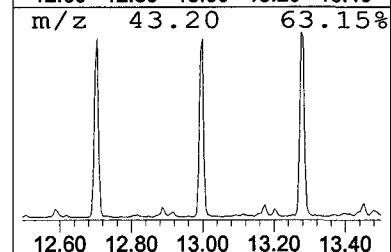
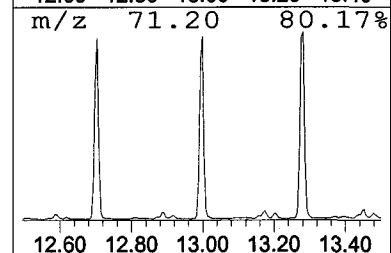
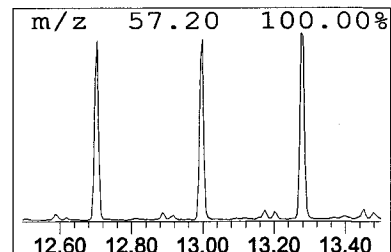
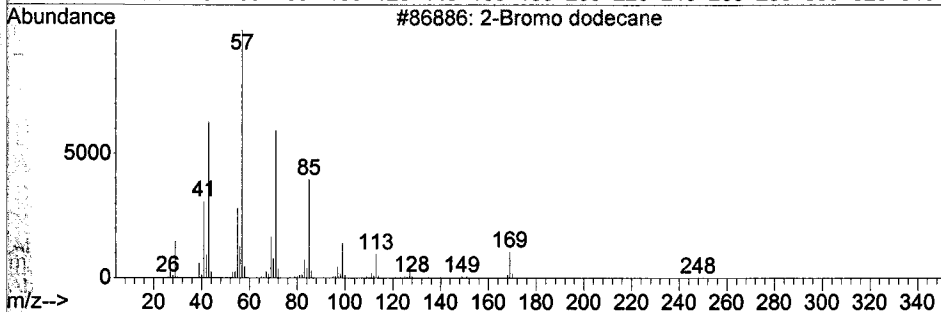
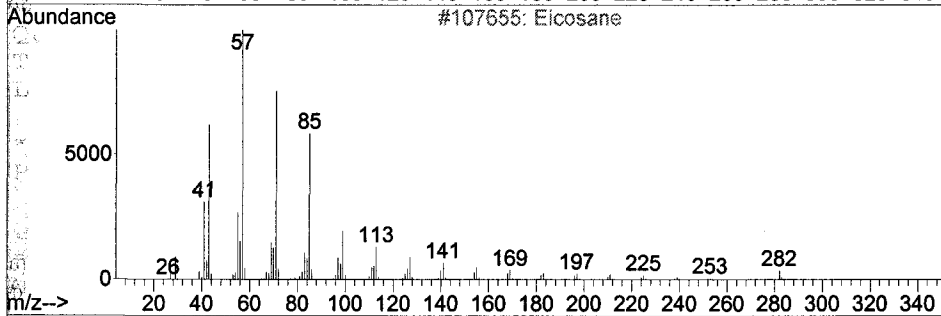
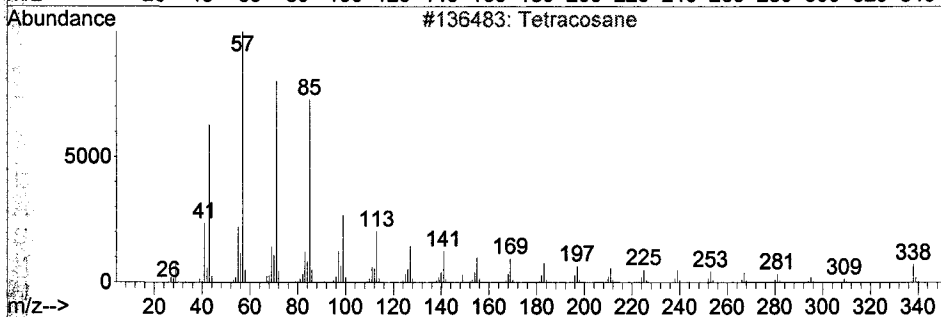
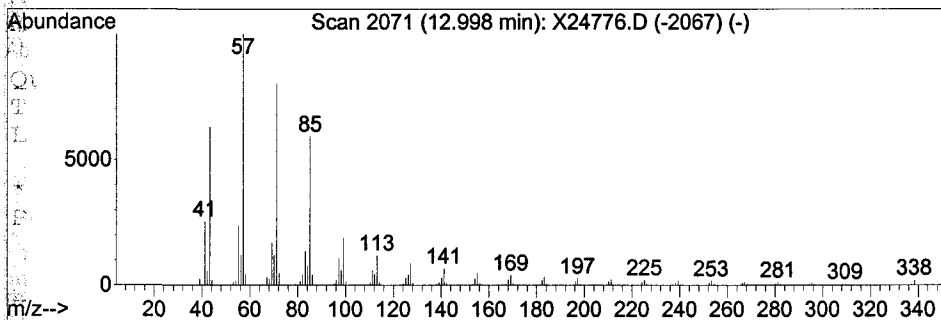
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 7 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
13.00	28.23 ng	2006400	CI70 Chrysene-d12	2843050	13.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Eicosane	282	C20H42	000112-95-8	97
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	96
4		Heptadecane	240	C17H36	000629-78-7	95
5		Nonadecane	268	C19H40	000629-92-5	94



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

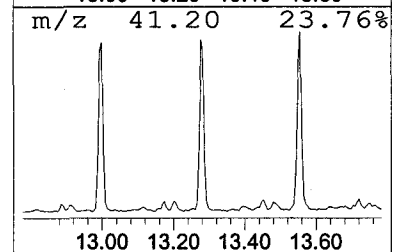
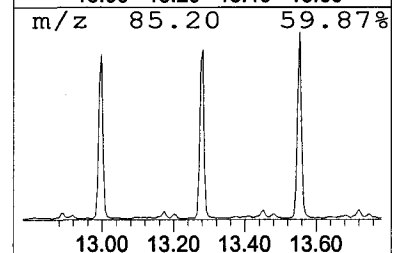
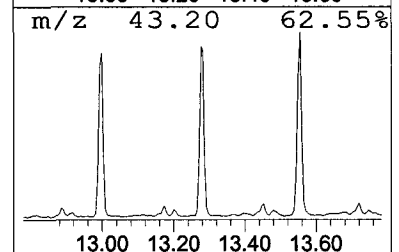
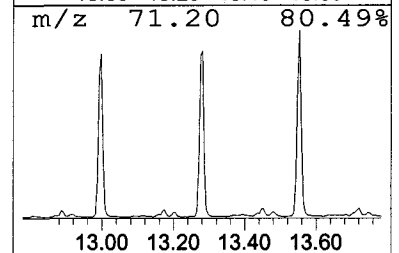
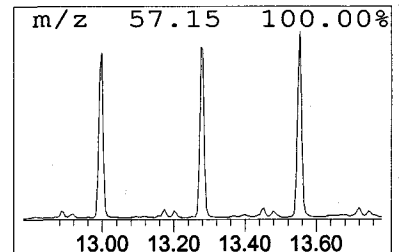
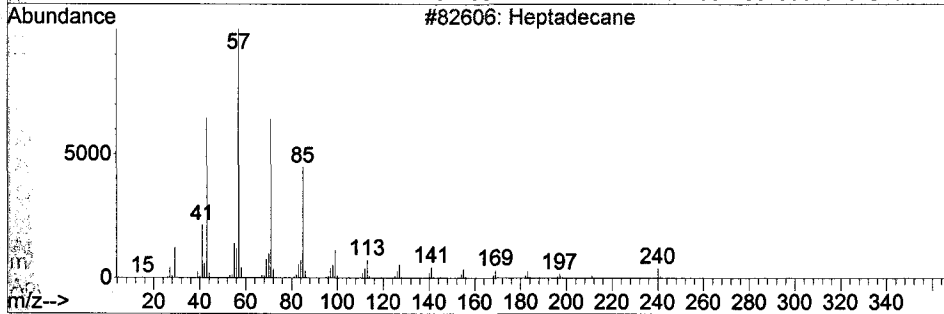
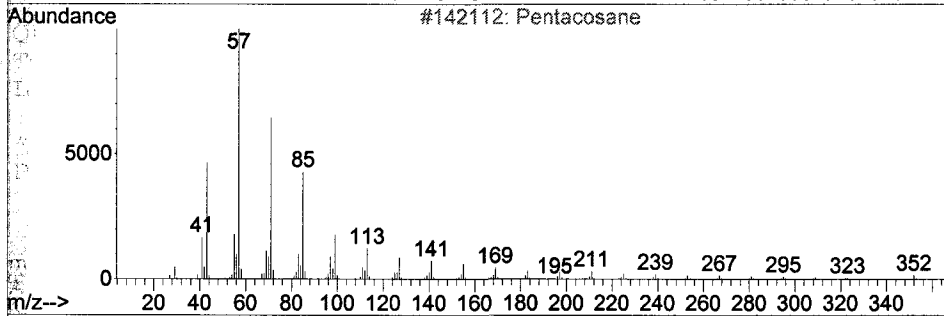
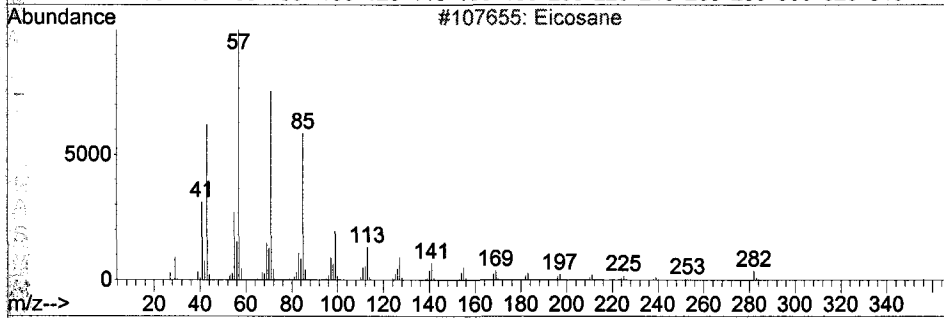
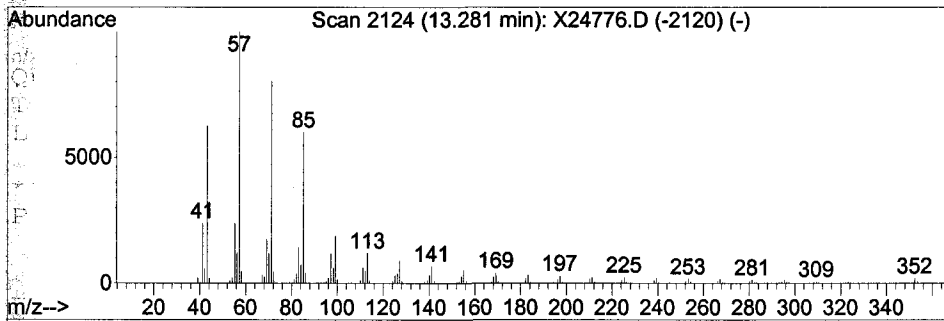
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 8 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
13.28	31.45 ng	2235460	CI70 Chrysene-d12	2843050	13.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Pentacosane	352	C25H52	000629-99-2	96
3		Heptadecane	240	C17H36	000629-78-7	95
4		triacontane	422	C30H62	000638-68-6	91
5		Octacosane	394	C28H58	000630-02-4	91



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

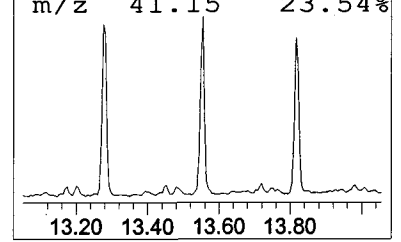
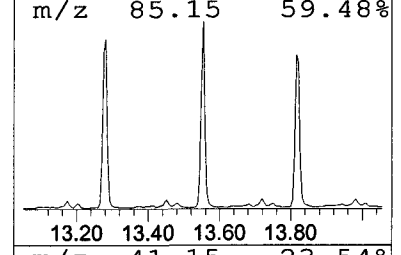
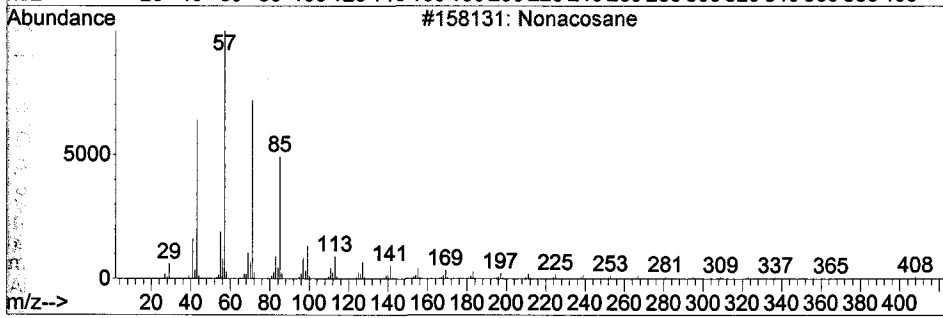
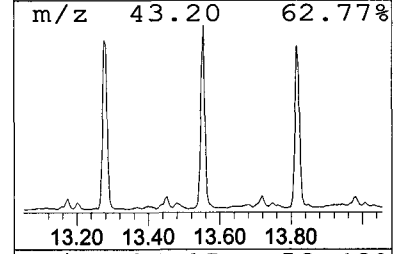
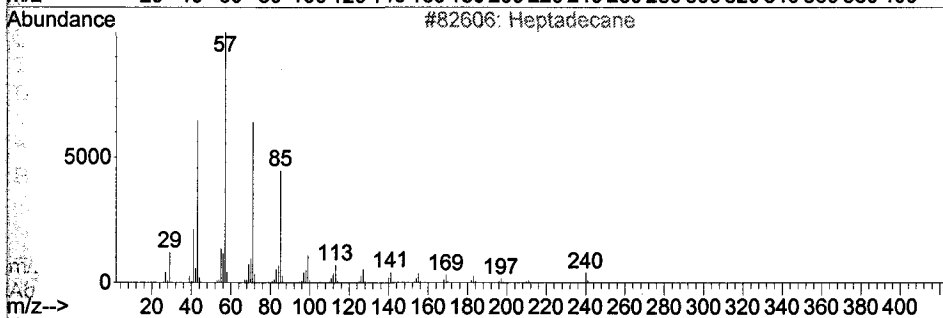
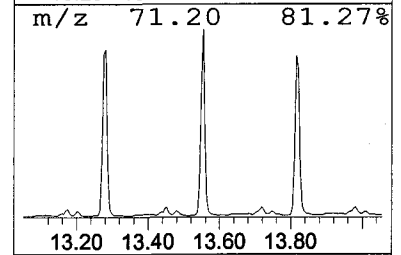
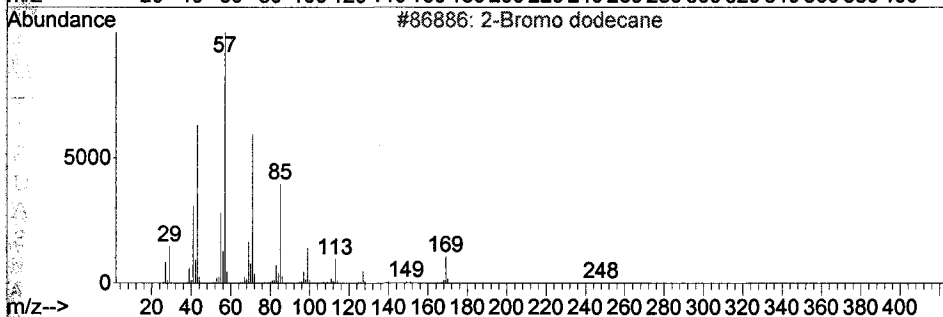
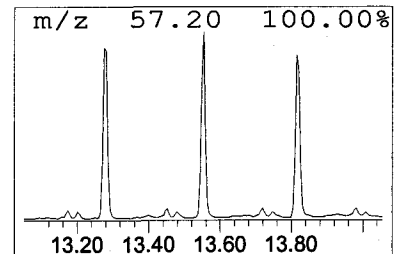
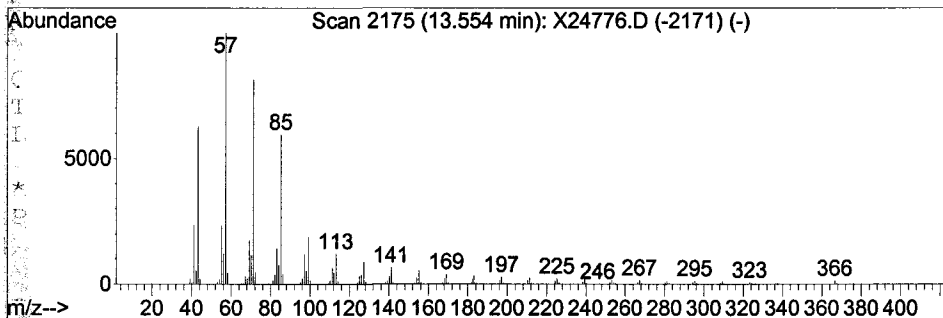
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 9 2-Bromo dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
13.55	32.16 ng	2285820	CI70 Chrysene-d12	2843050	13.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	95
2		Heptadecane	240	C17H36	000629-78-7	93
3		Nonacosane	408	C29H60	000630-03-5	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

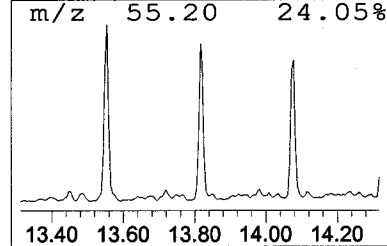
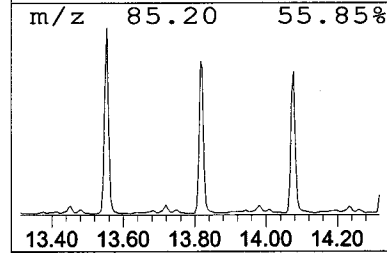
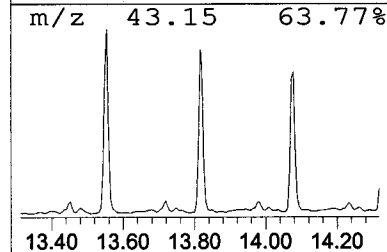
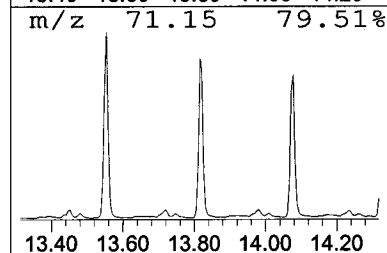
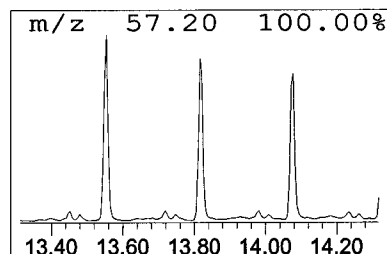
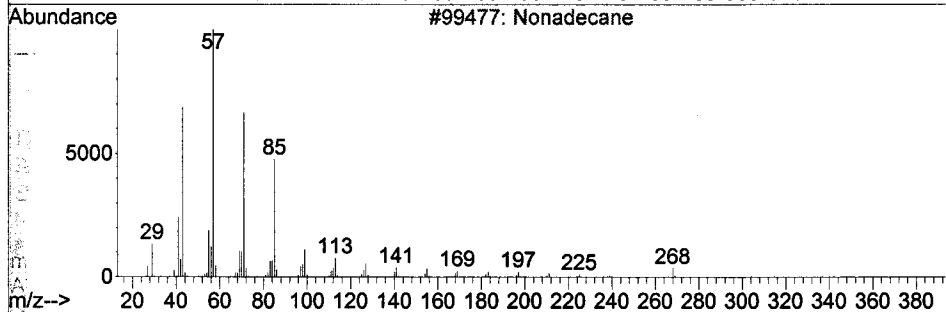
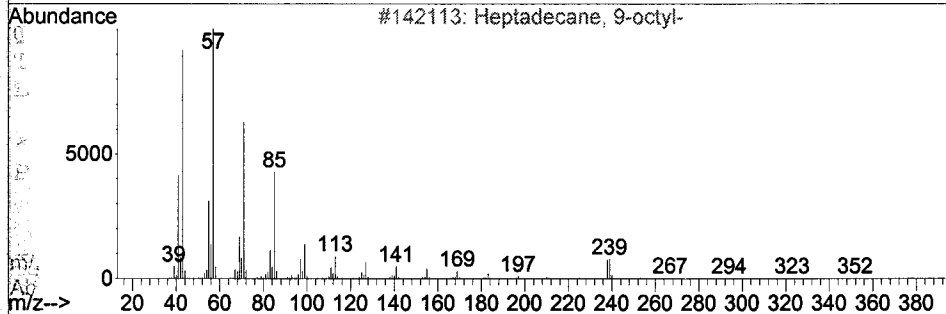
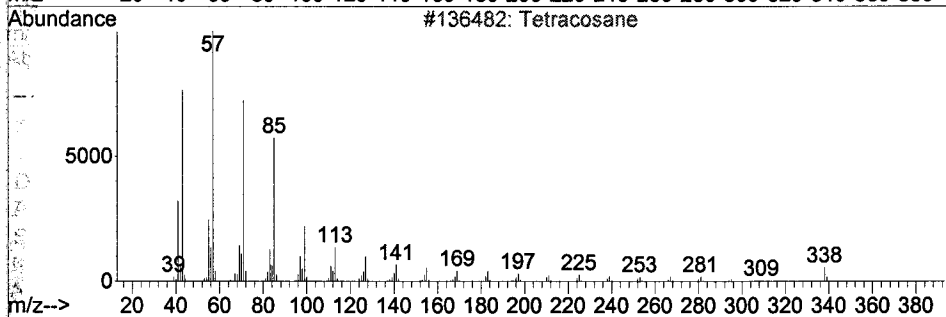
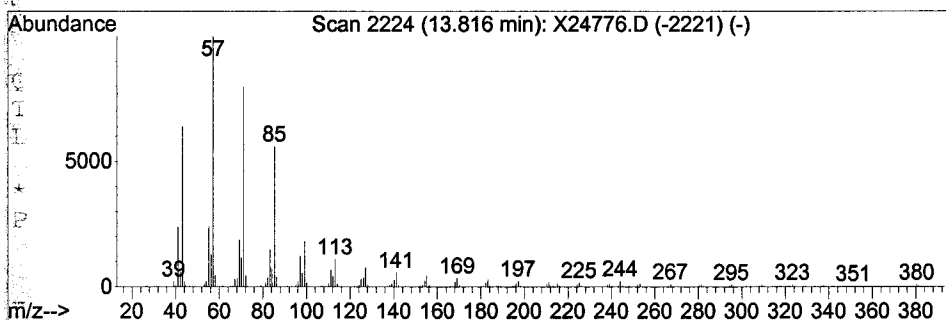
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 10 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
13.82	30.97 ng	2201140	CI70 Chrysene-d12	2843050	13.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3		Nonadecane	268	C19H40	000629-92-5	93
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5		Octacosane	394	C28H58	000630-02-4	91



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

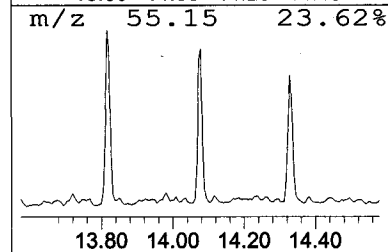
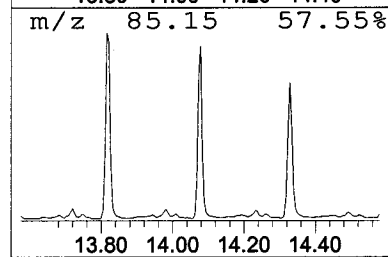
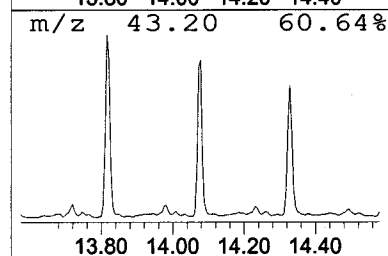
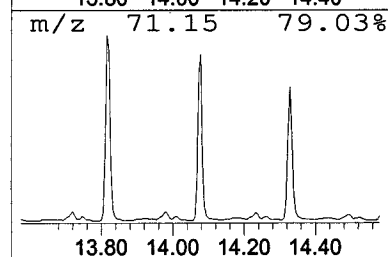
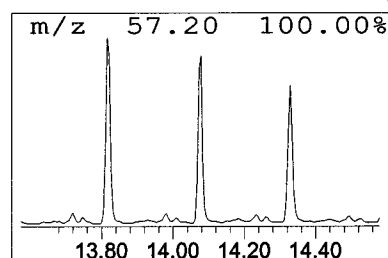
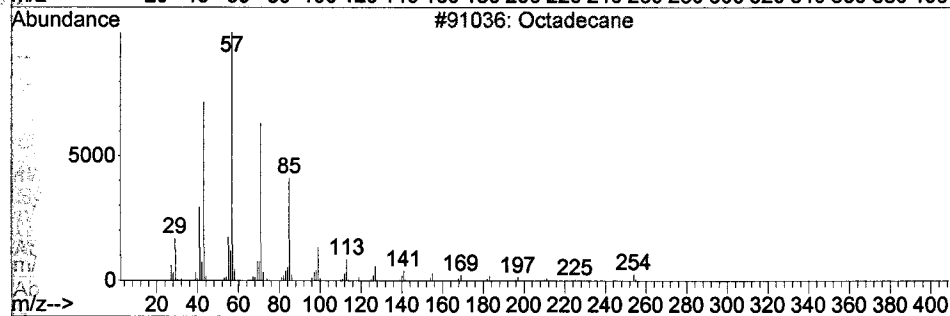
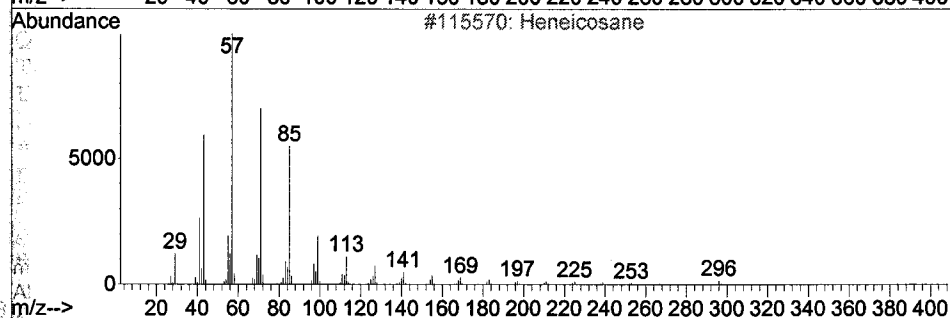
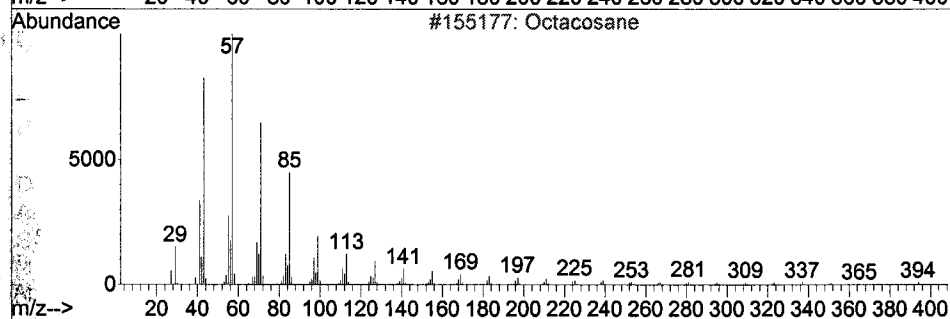
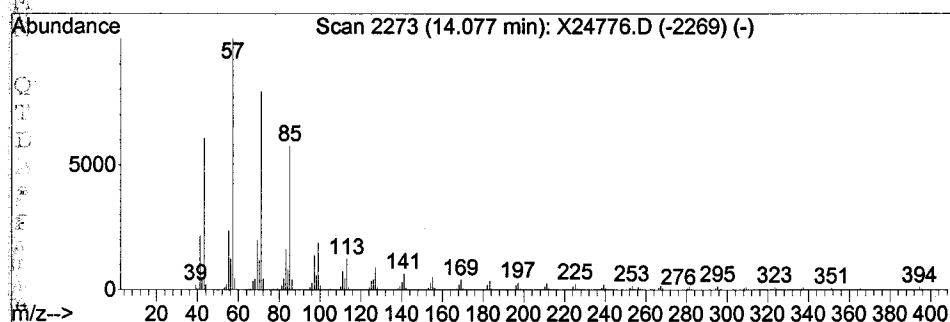
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 11 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.08	28.31 ng	1985410	CI75 Perylene-d12	2805310	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	99
2		Heneicosane	296	C21H44	000629-94-7	97
3		Octadecane	254	C18H38	000593-45-3	96
4		Heptadecane	240	C17H36	000629-78-7	93
5		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

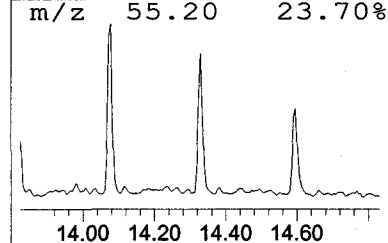
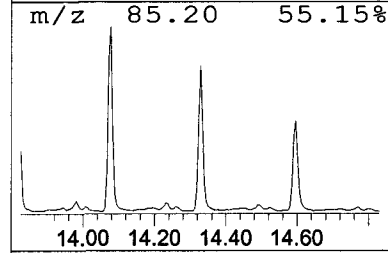
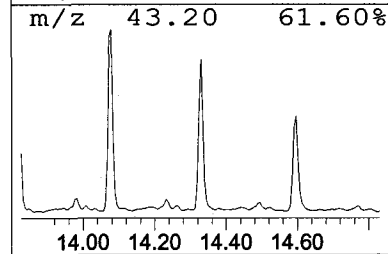
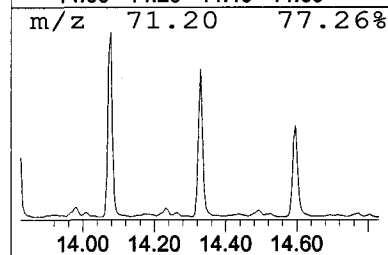
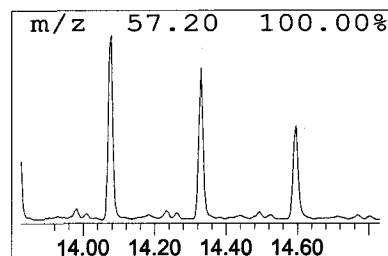
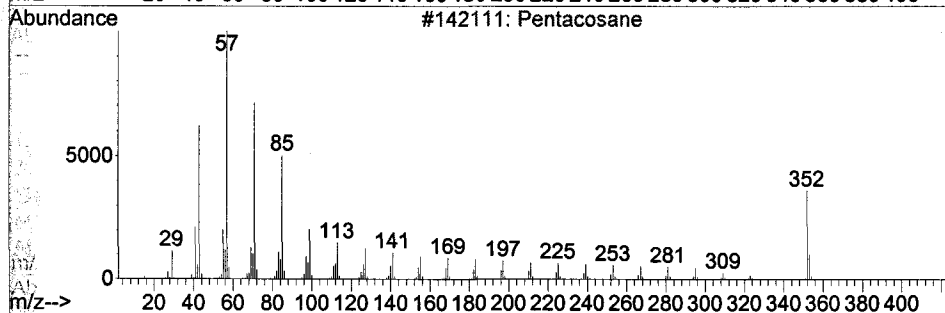
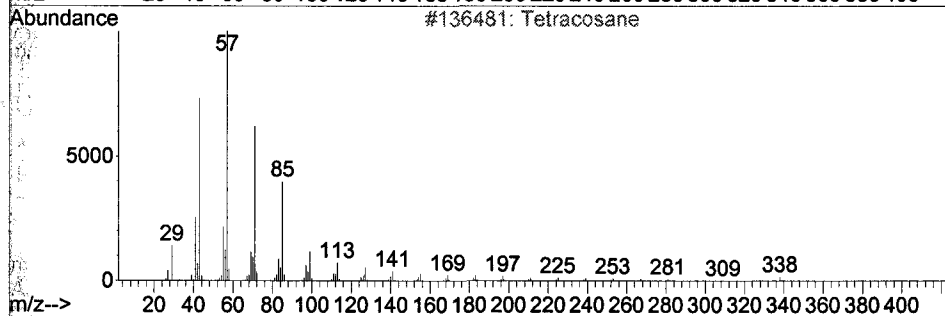
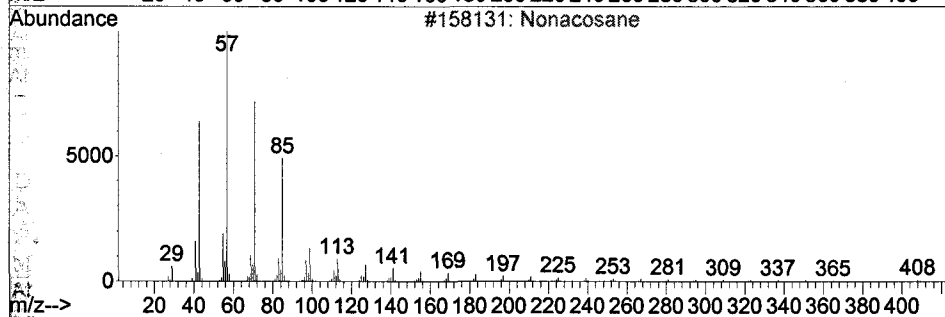
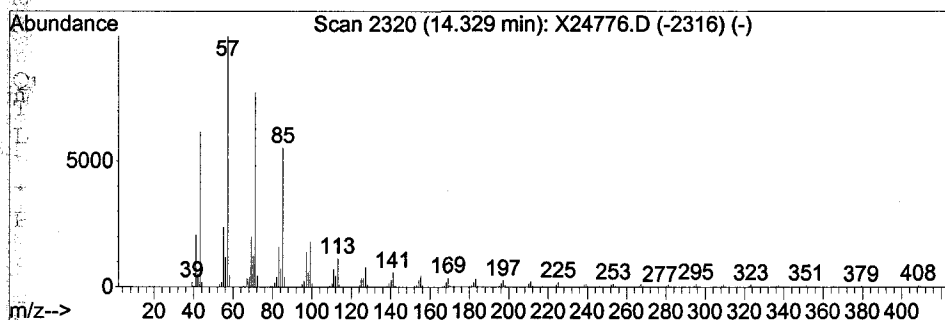
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 12 Nonacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.33	23.18 ng	1625600	CI75 Perylene-d12	2805310	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	98
2		Tetracosane	338	C24H50	000646-31-1	97
3		Pentacosane	352	C25H52	000629-99-2	95
4		Heptadecane	240	C17H36	000629-78-7	94
5		Docosane, 5-butyl-	366	C26H54	055282-16-1	94



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

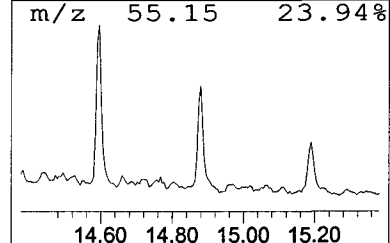
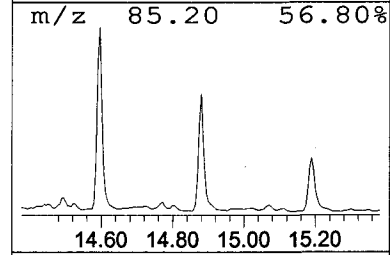
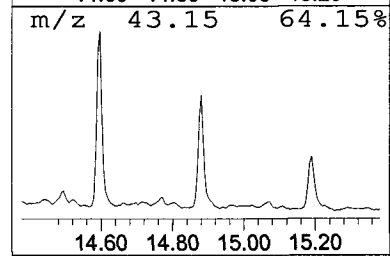
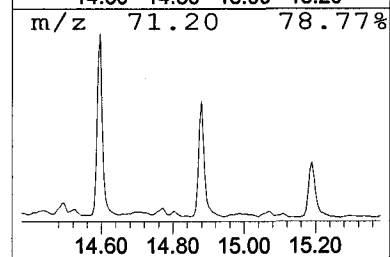
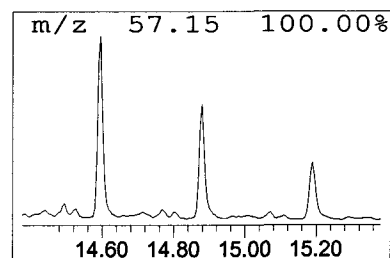
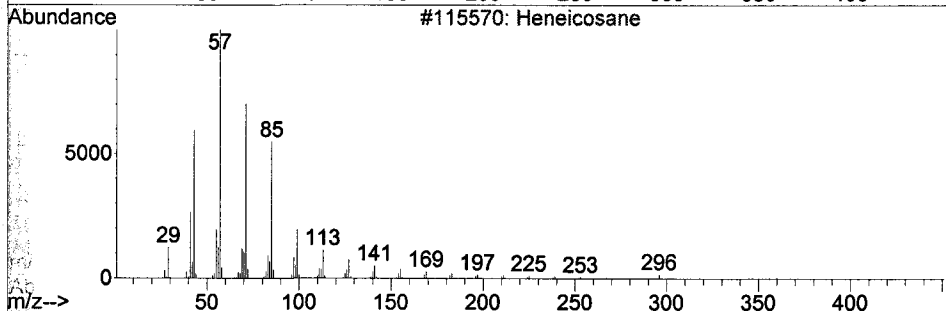
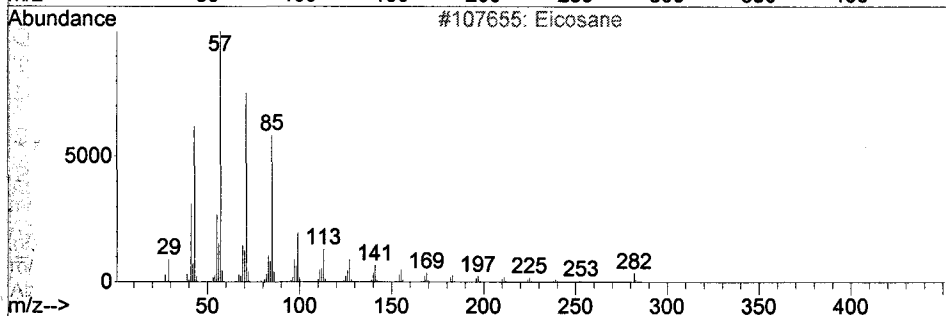
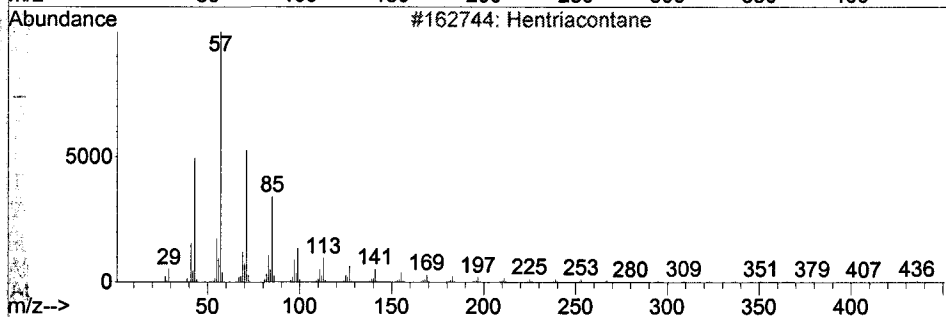
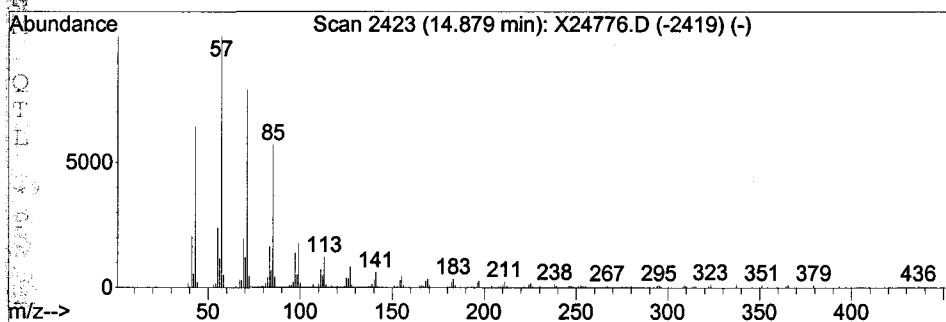
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 13 Hentriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.88	12.77 ng	895803	CI75 Perylene-d12	2805310	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	97
2		Eicosane	282	C20H42	000112-95-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Triacontane	422	C30H62	000638-68-6	91



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.0ML
 MS Integration Params: LSCINT.P

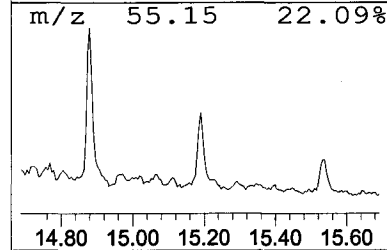
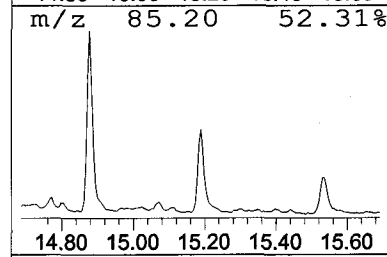
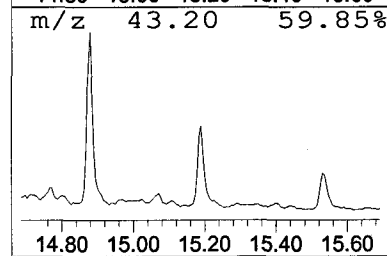
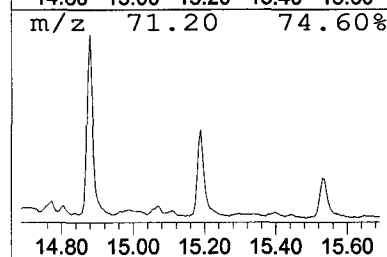
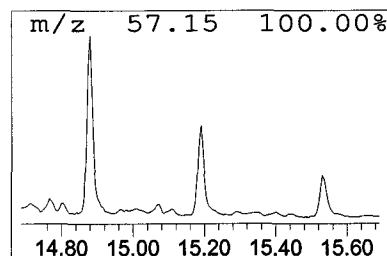
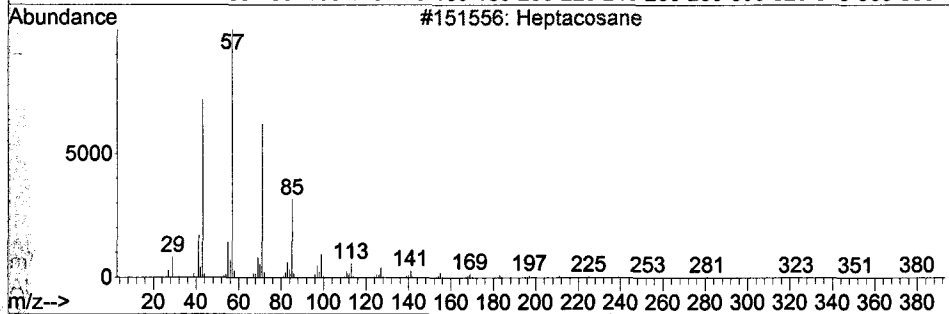
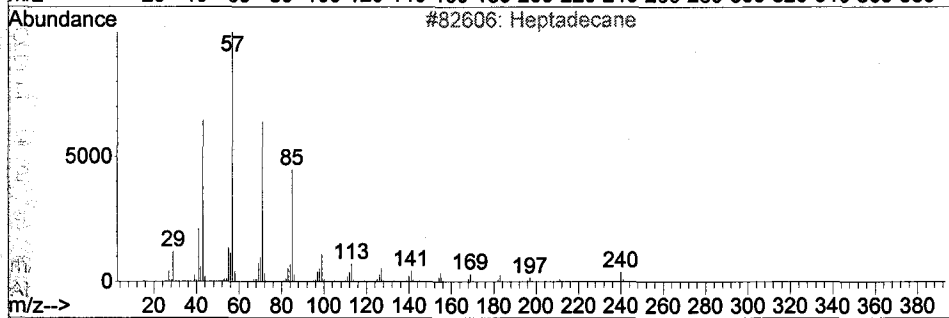
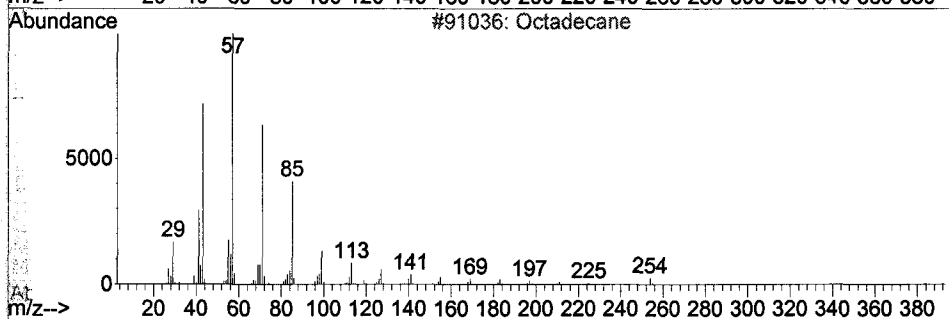
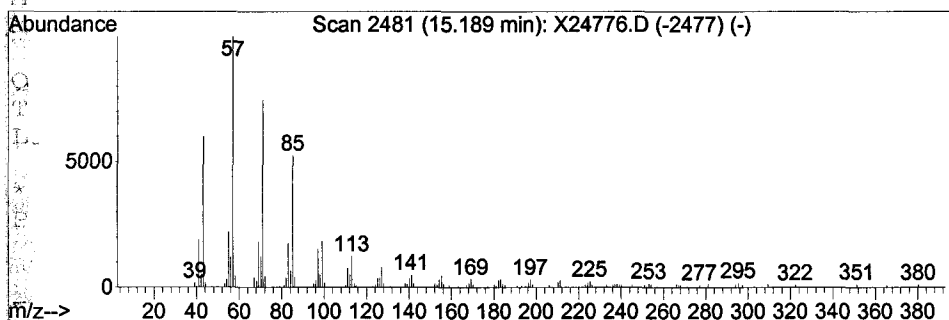
Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 14 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
15.19	5.80 ng	406879	CI75 Perylene-d12	2805310	14.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Heptadecane	240	C17H36	000629-78-7	93
3		Heptacosane	380	C27H56	000593-49-7	93
4		triacontane	422	C30H62	000638-68-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data File : D:\DATA\070108\X24776.D
 Acq On : 1 Jul 2008 17:05
 Sample : A8759501 DF5 AS80007560
 Misc : FV-10.OML
 MS Integration Params: LSCINT.P

Vial: 23
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Concl
Octadecane	10.90	6.8	ng	268311	4	10.97	1575580	40.0
Nonadecane	11.32	13.8	ng	542880	4	10.97	1575580	40.0
Eicosane	11.70	22.4	ng	881352	4	10.97	1575580	40.0
Heneicosane	12.06	32.1	ng	1262660	4	10.97	1575580	40.0
Heptadecane	12.39	22.3	ng	1586820	5	13.38	2843050	40.0
Nonadecane	12.70	25.4	ng	1808340	5	13.38	2843050	40.0
Tetracosane	13.00	28.2	ng	2006400	5	13.38	2843050	40.0
Eicosane	13.28	31.5	ng	2235460	5	13.38	2843050	40.0
2-Bromo dodecane	13.55	32.2	ng	2285820	5	13.38	2843050	40.0
Tetracosane	13.82	31.0	ng	2201140	5	13.38	2843050	40.0
Octacosane	14.08	28.3	ng	1985410	6	14.56	2805310	40.0
Nonacosane	14.33	23.2	ng	1625600	6	14.56	2805310	40.0
Hentriacontane	14.88	12.8	ng	895803	6	14.56	2805310	40.0
Octadecane	15.19	5.8	ng	406879	6	14.56	2805310	40.0

Ac
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 Eico
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 Octa
 Ac
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 Mi
 ME
 TI

 Octa
 Nona
 Eico
 Hene
 Hept
 Nona
 Tetr
 Eico
 2-Br
 Tetr
 Octa
 Nona
 Hent
 Octa
 Ac
 Sc
 Mi
 ME
 TI

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 30.32 (g/mL) G Lab File ID: W24840.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 18 decanted: (Y/N) Y Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene		820	U
208-96-8-----	Acenaphthylene		820	U
98-86-2-----	Acetophenone		820	U
120-12-7-----	Anthracene		820	U
1912-24-9-----	Atrazine		820	U
100-52-7-----	Benzaldehyde		820	U
56-55-3-----	Benzo (a) anthracene		110	J
205-99-2-----	Benzo (b) fluoranthene		140	J
207-08-9-----	Benzo (k) fluoranthene		820	U
191-24-2-----	Benzo (ghi) perylene		62	J
50-32-8-----	Benzo (a) pyrene		80	J
92-52-4-----	Biphenyl		820	U
111-91-1-----	Bis (2-chloroethoxy) methane		820	U
111-44-4-----	Bis (2-chloroethyl) ether		820	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		820	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		820	U
101-55-3-----	4-Bromophenyl phenyl ether		820	U
85-68-7-----	Butyl benzyl phthalate		820	U
105-60-2-----	Caprolactam		820	U
106-47-8-----	4-Chloroaniline		820	U
59-50-7-----	4-Chloro-3-methylphenol		820	U
91-58-7-----	2-Chloronaphthalene		820	U
95-57-8-----	2-Chlorophenol		820	U
7005-72-3-----	4-Chlorophenyl phenyl ether		820	U
86-74-8-----	Carbazole		820	U
218-01-9-----	Chrysene		180	BJ
53-70-3-----	Dibenzo (a, h) anthracene		820	U
132-64-9-----	Dibenzofuran		820	U
84-74-2-----	Di-n-butyl phthalate		820	U
91-94-1-----	3,3'-Dichlorobenzidine		820	U
120-83-2-----	2,4-Dichlorophenol		820	U
84-66-2-----	Diethyl phthalate		820	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 30.32 (g/mL) G Lab File ID: W24840.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 18 decanted: (Y/N) Y Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

105-67-9-----	2,4-Dimethylphenol	820	U
131-11-3-----	Dimethyl phthalate	820	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1600	U
51-28-5-----	2,4-Dinitrophenol	1600	U
121-14-2-----	2,4-Dinitrotoluene	820	U
606-20-2-----	2,6-Dinitrotoluene	820	U
117-84-0-----	Di-n-octyl phthalate	820	U
206-44-0-----	Fluoranthene	160	J
86-73-7-----	Fluorene	820	U
118-74-1-----	Hexachlorobenzene	820	U
87-68-3-----	Hexachlorobutadiene	820	U
77-47-4-----	Hexachlorocyclopentadiene	820	U
67-72-1-----	Hexachloroethane	820	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	49	J
78-59-1-----	Isophorone	820	U
91-57-6-----	2-Methylnaphthalene	820	U
95-48-7-----	2-Methylphenol	820	U
106-44-5-----	4-Methylphenol	820	U
91-20-3-----	Naphthalene	820	U
88-74-4-----	2-Nitroaniline	1600	U
99-09-2-----	3-Nitroaniline	1600	U
100-01-6-----	4-Nitroaniline	1600	U
98-95-3-----	Nitrobenzene	820	U
88-75-5-----	2-Nitrophenol	820	U
100-02-7-----	4-Nitrophenol	1600	U
86-30-6-----	N-nitrosodiphenylamine	820	U
621-64-7-----	N-Nitroso-Di-n-propylamine	820	U
87-86-5-----	Pentachlorophenol	1600	U
85-01-8-----	Phenanthrene	110	J
108-95-2-----	Phenol	820	U
129-00-0-----	Pyrene	170	J
95-95-4-----	2,4,5-Trichlorophenol	820	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 30.32 (g/mL) G Lab File ID: W24840.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 18 decanted: (Y/N) Y Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
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88-06-2-----	2,4,6-Trichlorophenol	820	U
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 30.32 (g/mL) G Lab File ID: W24840.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 18.0 decanted: (Y/N) Y Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

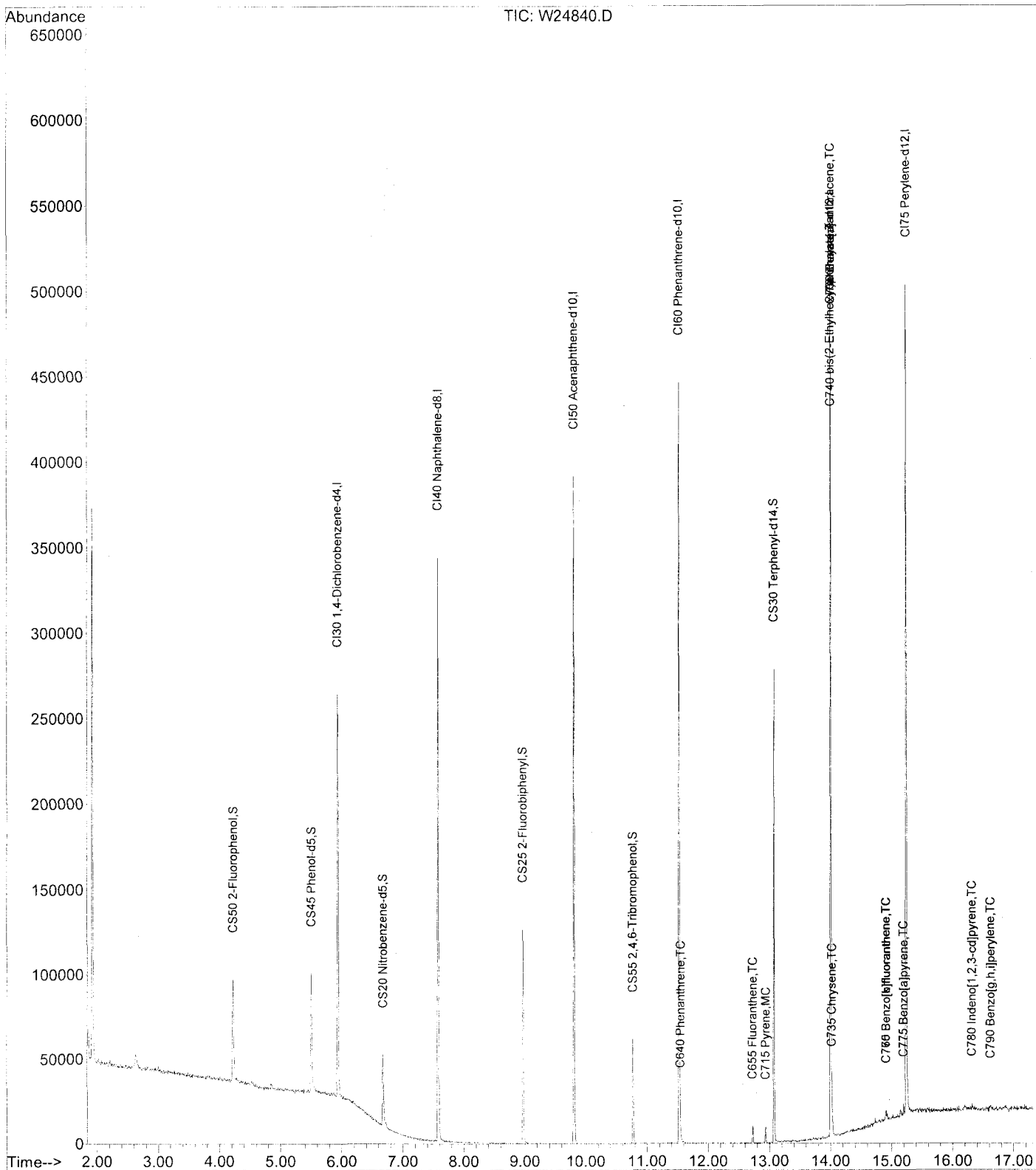
Number TICs found: 1

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 994-05-8	BUTANE, 2-METHOXY-2-METHYL-	1.92	8700	BJN

Data File : C:\MSDCHEM\1\DATA\070208\W24840.D
 Acq On : 2 Jul 2008 6:42 pm
 Sample : A8769101 DF4 AS80007657
 Misc :
 MS Integration Params: rteint.p

Vial: 28
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 03 07:28:14 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070208\W24840.D
 Acq On : 2 Jul 2008 6:42 pm
 Sample : A8769101 DF4 AS80007657
 Misc :

Vial: 28
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 03 07:28:14 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

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 2.5
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	41738	40.00	ng	0.00	61.25%
20) CI40 Naphthalene-d8	7.57	136	177533	40.00	ng	0.00	60.71%
35) CI50 Acenaphthene-d10	9.80	164	94203	40.00	ng	0.00	52.92%
56) CI60 Phenanthrene-d10	11.52	188	173704	40.00	ng	0.00	62.69%
68) CI70 Chrysene-d12	14.00	240	174319	40.00	ng	0.00	55.69%
78) CI75 Perylene-d12	15.23	264	177113	40.00	ng	0.00	67.48%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.22	112	30277	23.08	ng	0.01	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	15.39%#	
5) CS45 Phenol-d5	5.50	99	41804	22.86	ng	0.01	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	15.24%	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.67	82	22566	14.42	ng	0.00	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	14.42%#	
39) CS25 2-Fluorobiphenyl	8.97	172	54180	16.37	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	16.37%#	
59) CS55 2,4,6-Tribromophenol	10.77	330	9008	24.83	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	16.55%	
71) CS30 Terphenyl-d14	13.07	244	72758	17.91	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	17.91%#	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

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Data File : C:\MSDCHEM\1\DATA\070208\W24840.D
 Acq On : 2 Jul 2008 6:42 pm
 Sample : A8769101 DF4 AS80007657
 Misc :

Vial: 28
 Operator: AJ
 Inst : Instrument
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 03 07:28:14 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

*ES
 8/15/08*

Internal Standards R.T. QIon Response Conc Units Dev(Min) Rcv(Ar)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	0.00	153	0	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	0.00	149	0	N.D.			
54) C620 1,2 diphenylhydraz	0.00	77	0	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	11.55	178	3426	0.67	ng		84
64) C645 Anthracene	0.00	178	0	N.D.			
65) C647 carbazole	0.00	167	0	N.D.			
66) C650 Di-n-butylphthalate	0.00	149	0	N.D.			
67) C655 Fluoranthene	12.73	202	5718	0.98	ng		100
68) C715 Pyrene	12.94	202	5509	1.05	ng		95
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalat	0.00	149	0	N.D.			
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	13.99	228	3767	0.68	ng		98
75) C735 Chrysene	14.02	228	5985	1.14	ng		95
76) C740 bis(2-Ethylhexyl)phth	13.99	149	1516	0.39	ng		87
77) C760 Di-n-octylphthalate	0.00	149	0	N.D.			
79) C765 Benzo[b]fluoranthene	14.90	252	5753	0.86	ng		90
80) C770 Benzo[k]fluoranthene	14.90	252	5753	0.91	ng		90
81) C775 Benzo[a]pyrene	15.19	252	3107	0.50	ng		83
82) C780 Indeno[1,2,3-cd]pyren	16.31	276	2359	0.31	ng		98
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylene	16.62	276	2568	0.39	ng	#	64

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\070208\W24840.D Vial: 28
 Acq On : 2 Jul 2008 18:42 Operator: AJ
 Sample : A8769101 DF4 AS80007657 Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 11 17:54:29 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

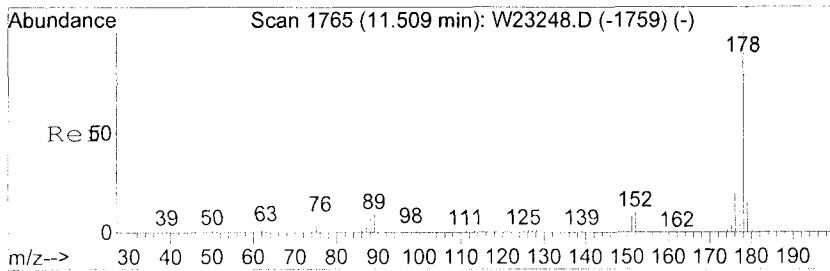
*57
m/1.1m*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	41738	40.00	ng	-0.06 85.59%
4) CI40 Naphthalene-d8	7.57	136	177533	40.00	ng	-0.05 91.16%
7) CI50 Acenaphthene-d8	9.80	164	94203	40.00	ng	-0.04 102.18%
10) CI60 Phenanthrene-d10	11.52	188	173704	40.00	ng	-0.04 112.49%
12) CI70 Chrysene-d12	14.00	240	174319	40.00	ng	-0.03 95.18%
13) CI75 Perylene-d12	15.23	264	177113	40.00	ng	-0.04 99.07%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

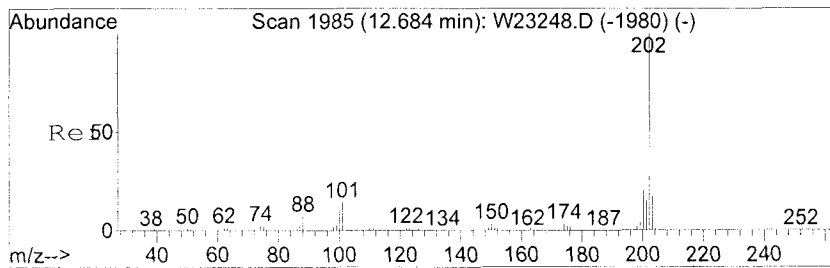
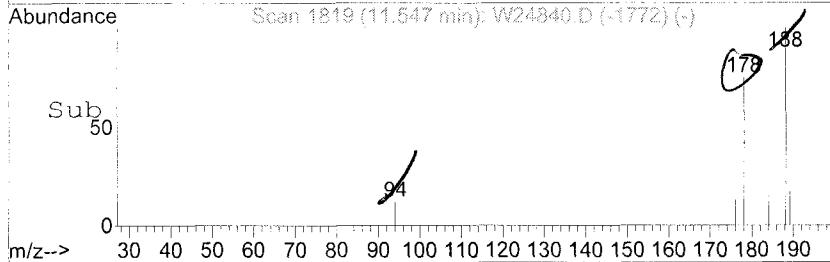
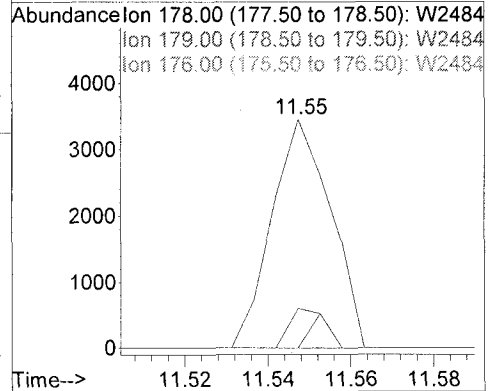
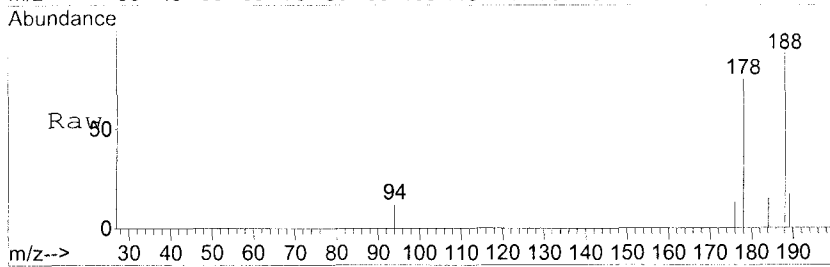
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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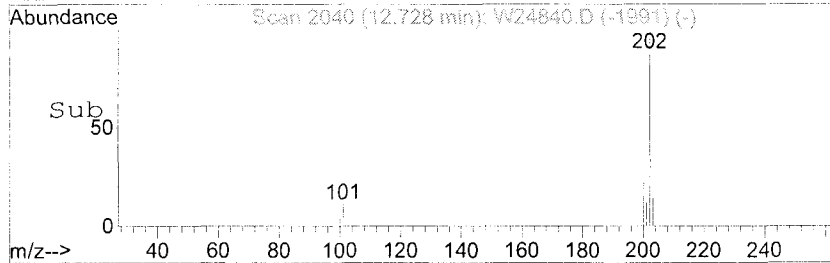
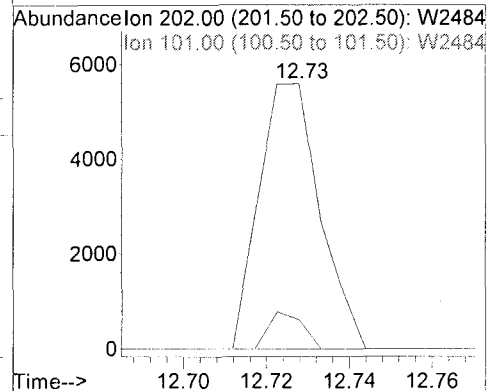
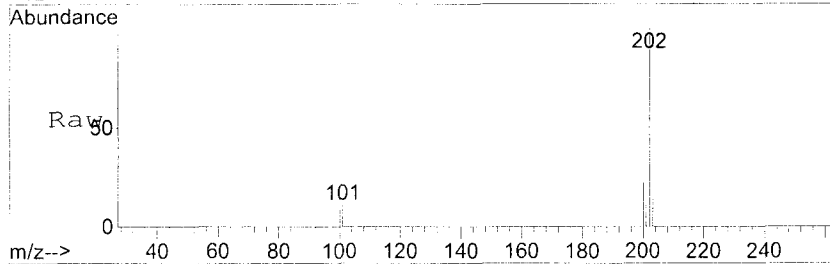
#63
 C640 Phenanthrene
 Concen: 0.67 ng
 RT: 11.55 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

Tgt Ion	Ratio	Lower	Upper
178	100		
179	0.0	0.0	34.3
176	17.4	0.0	38.0

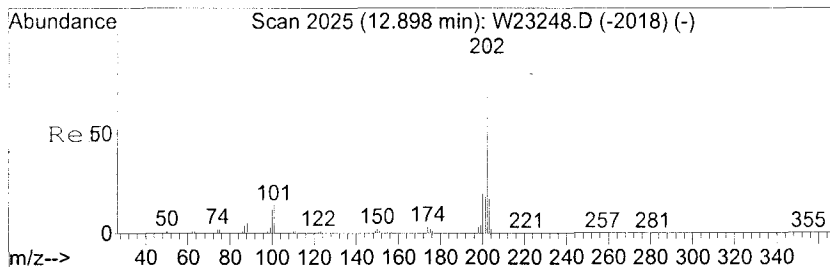


#67
 C655 Fluoranthene
 Concen: 0.98 ng
 RT: 12.73 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.7

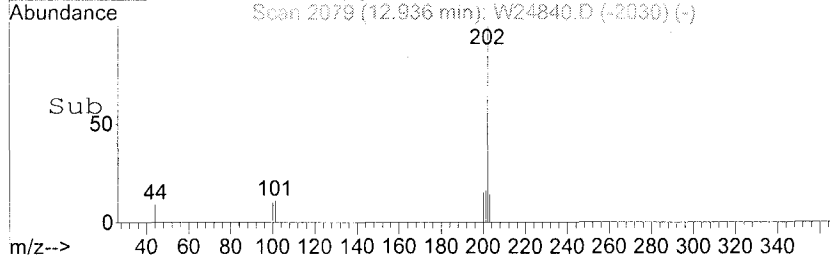
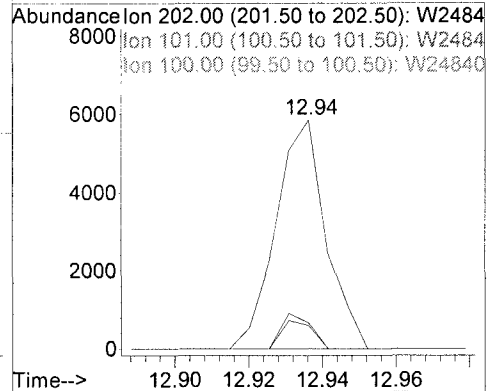
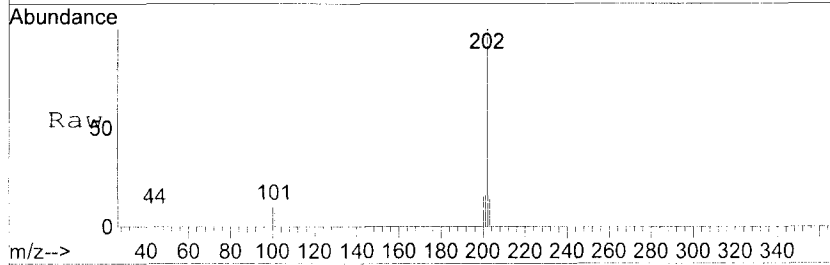


W24840



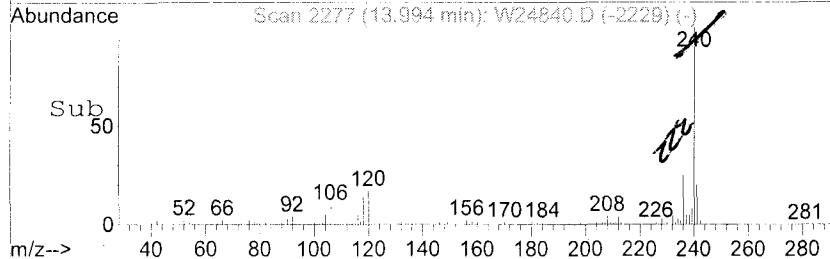
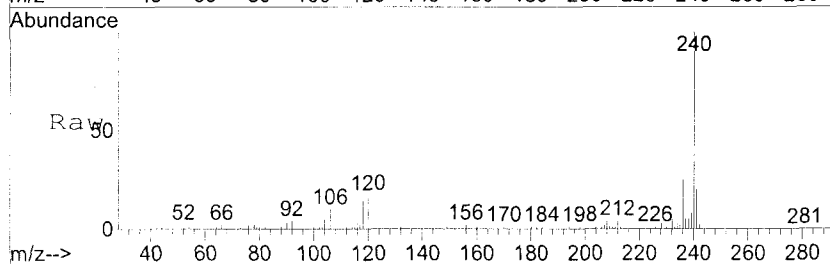
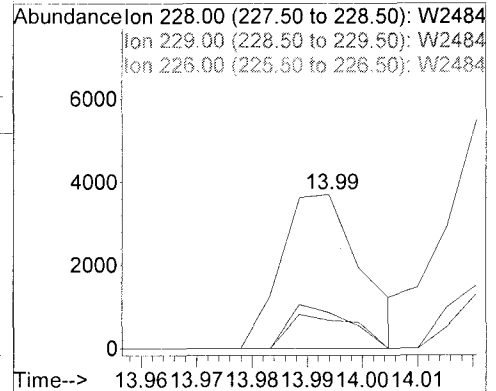
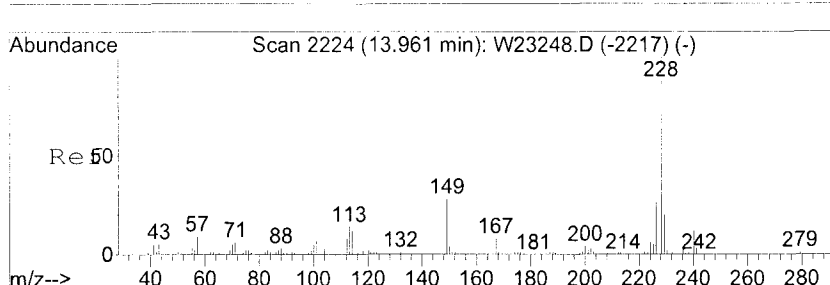
#69
 C715 Pyrene
 Concen: 1.05 ng
 RT: 12.94 min Scan# 2079
 Delta R.T. 0.01 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.3
100	10.2	0.0	31.1

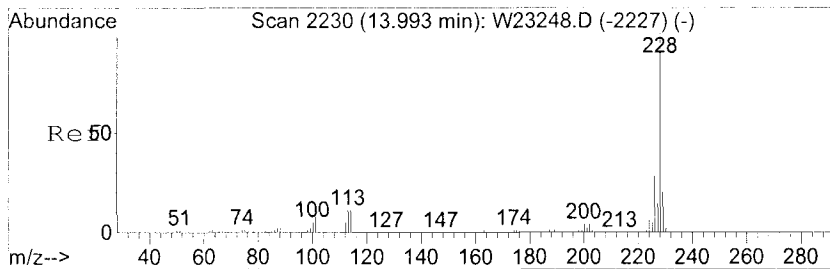


#74
 C730 Benzo[a]anthracene
 Concen: 0.68 ng
 RT: 13.99 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.1	0.0	38.8
226	23.4	4.8	44.8

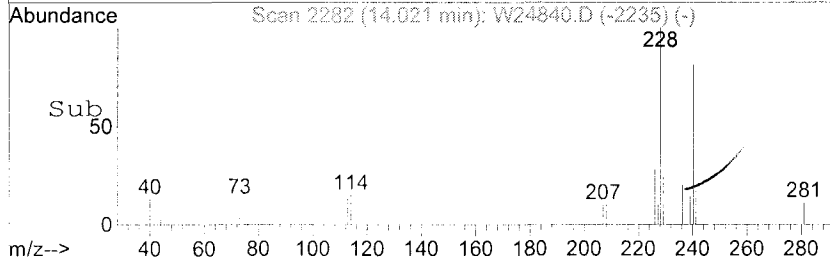
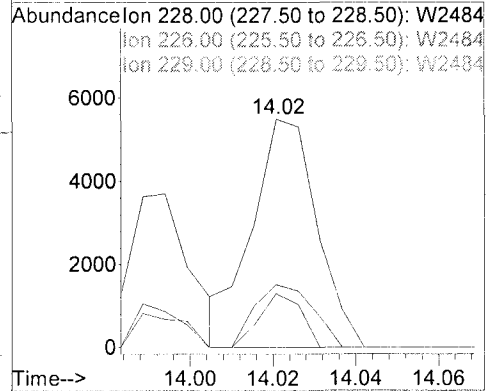
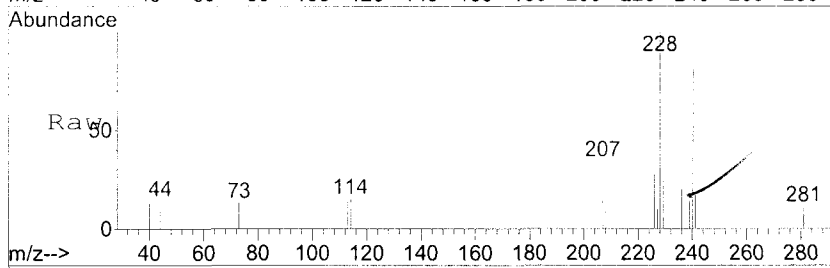


W24840.D



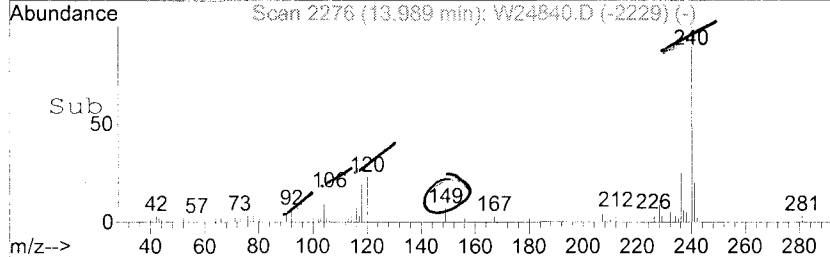
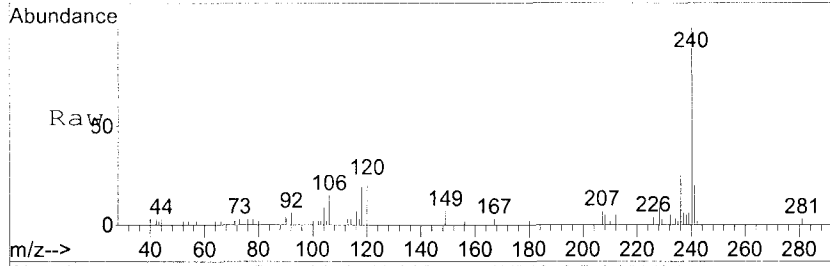
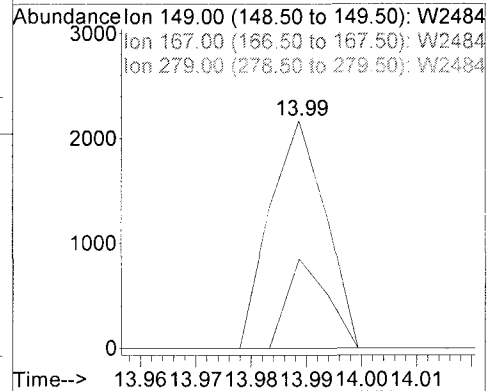
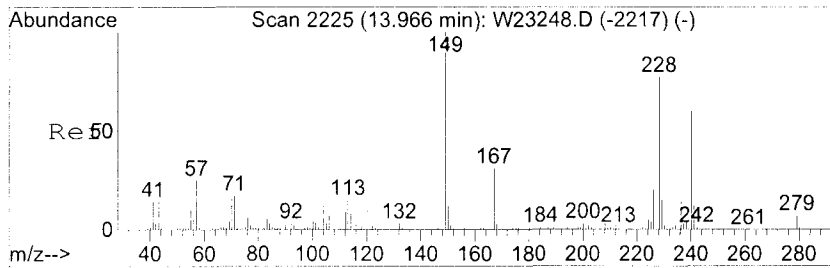
#75
 C735 Chrysene
 Concen: 1.14 ng
 RT: 14.02 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	7.1	47.1
229	23.6	0.0	38.8

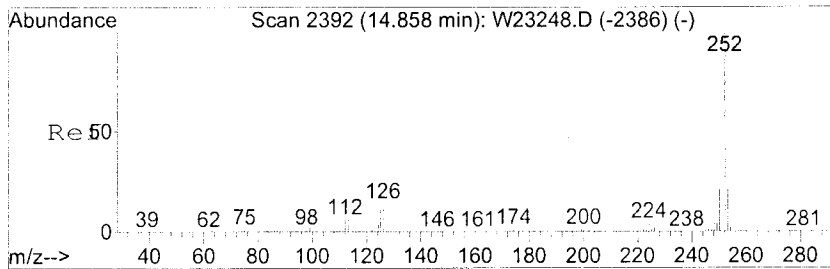


#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 0.39 ng
 RT: 13.99 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

Tgt Ion	Ratio	Lower	Upper
149	100		
167	39.2	13.1	53.1
279	0.0	0.0	27.5

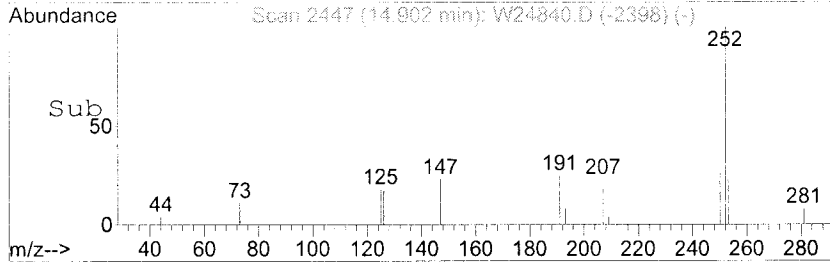
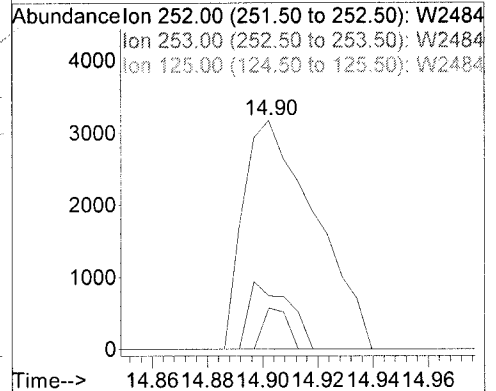
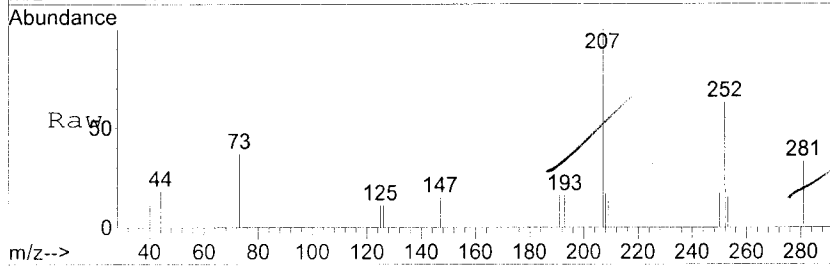


4/15/08



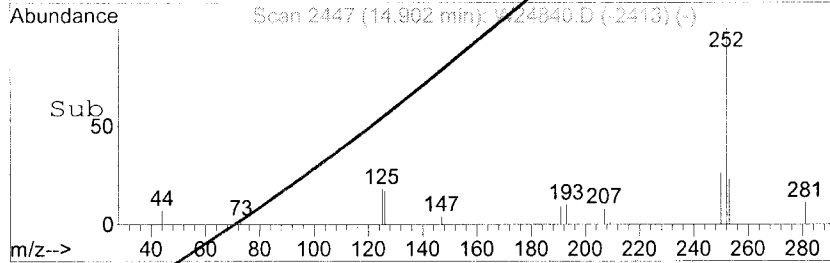
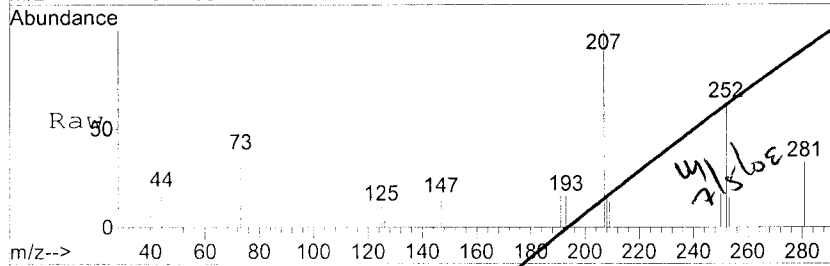
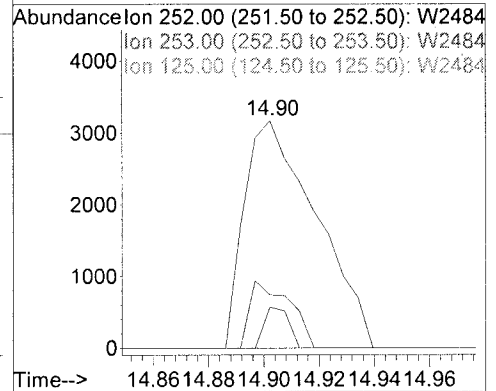
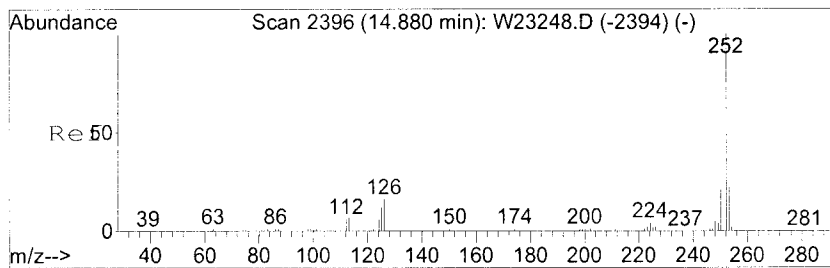
#79
 C765 Benzo[b]fluoranthene
 Concen: 0.86 ng
 RT: 14.90 min Scan# 2447
 Delta R.T. 0.01 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

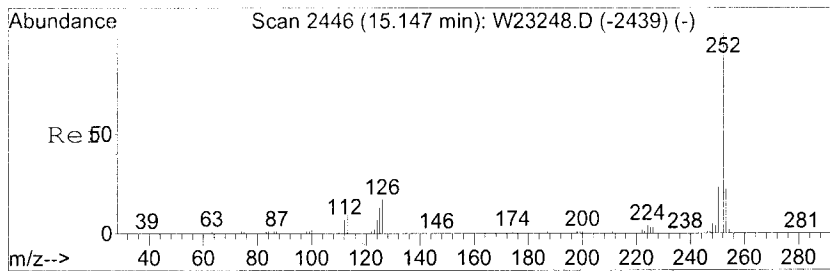
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.8	40.8
125	18.0	0.0	31.2



#80
 C770 Benzo[k]fluoranthene
 Concen: 0.91 ng
 RT: 14.90 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

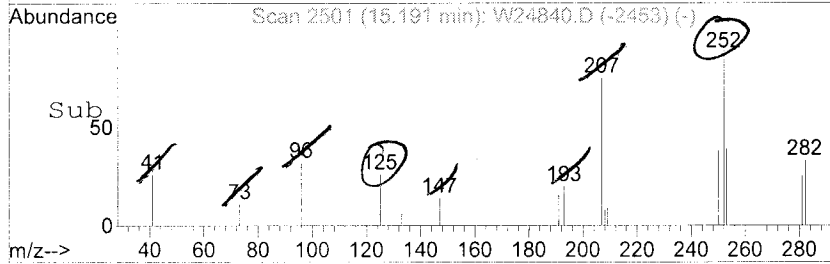
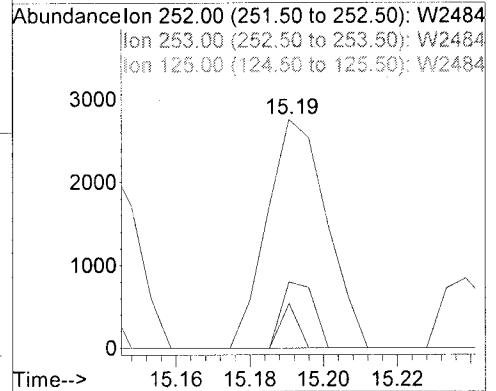
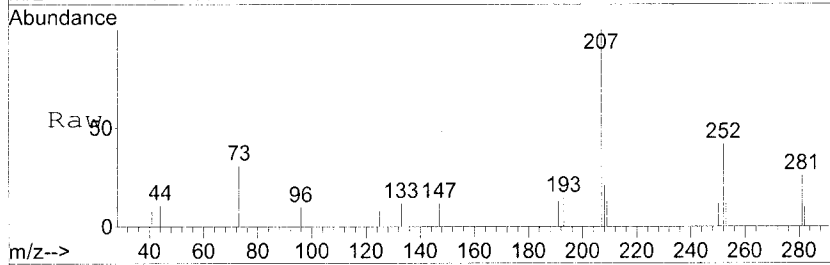
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.9	40.9
125	18.0	0.0	31.0





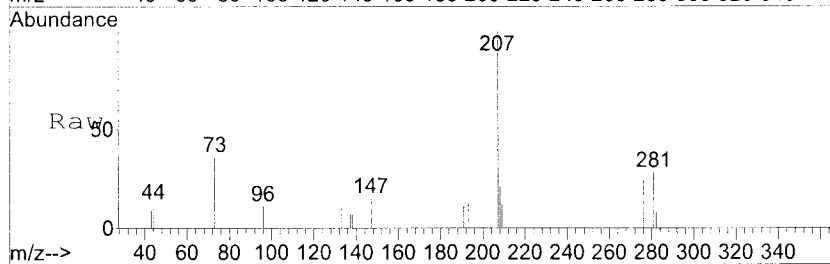
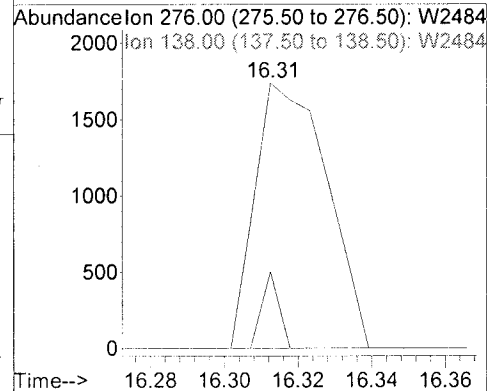
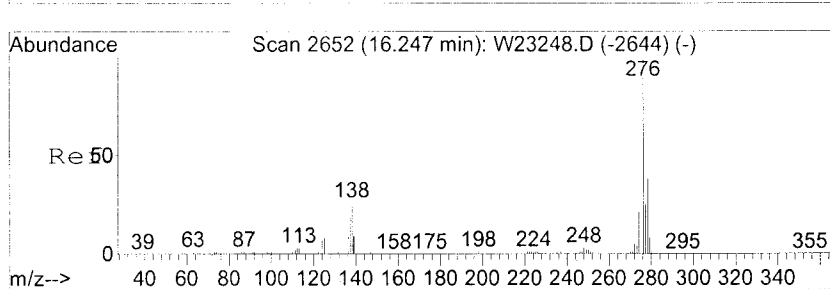
#81
 C775 Benzo[a]pyrene
 Concen: 0.50 ng
 RT: 15.19 min Scan# 2501
 Delta R.T. 0.01 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.9	40.9
125	19.6	0.0	33.4

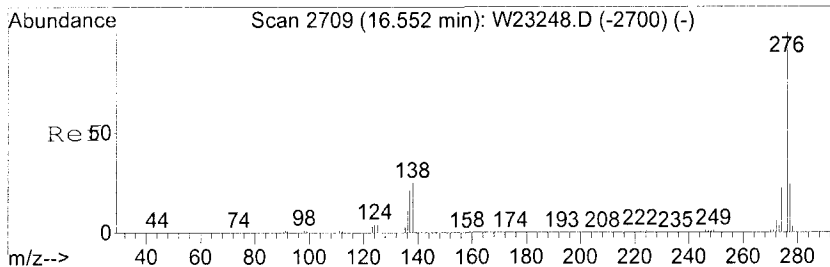


#82
 C780 Indeno[1,2,3-cd]pyrene
 Concen: 0.31 ng
 RT: 16.31 min Scan# 2711
 Delta R.T. 0.01 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	10.1	50.1

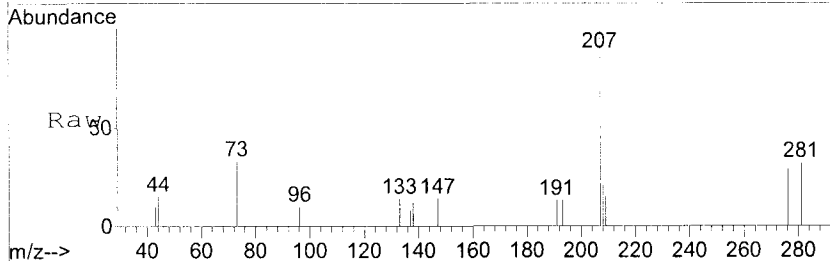


*WJ
7/5/08*

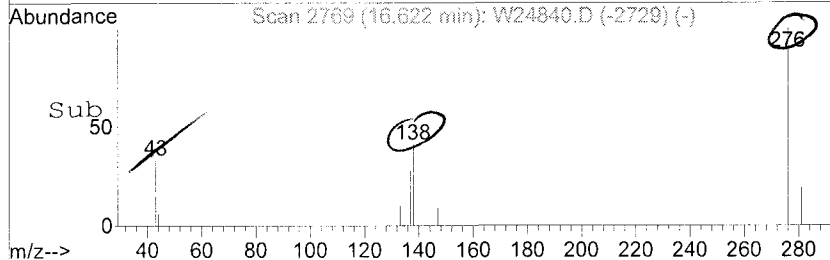
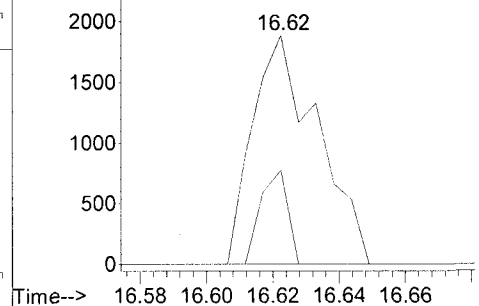


#84
 C790 Benzo[g,h,i]perylene
 Concen: 0.39 ng
 RT: 16.62 min Scan# 2769
 Delta R.T. 0.02 min
 Lab File: W24840.D
 Acq: 2 Jul 2008 6:42 pm

Tgt Ion	Resp	Lower	Upper
276	100		
138	41.0	7.8	47.8
277	0.0	3.7	43.7#



Abundance Ion 276.00 (275.50 to 276.50): W2484
 Ion 138.00 (137.50 to 138.50): W2484
 Ion 277.00 (276.50 to 277.50): W2484



M
7/5/08

Data File : C:\MSDCHEM\1\DATA\070208\W24840.D
 Acq On : 2 Jul 2008 18:42
 Sample : A8769101 DF4 AS80007657
 Misc :
 MS Integration Params: LSCINT.P

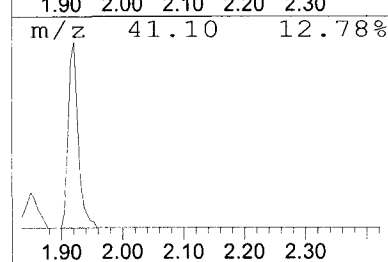
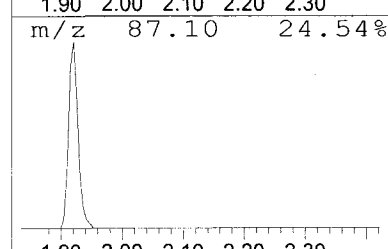
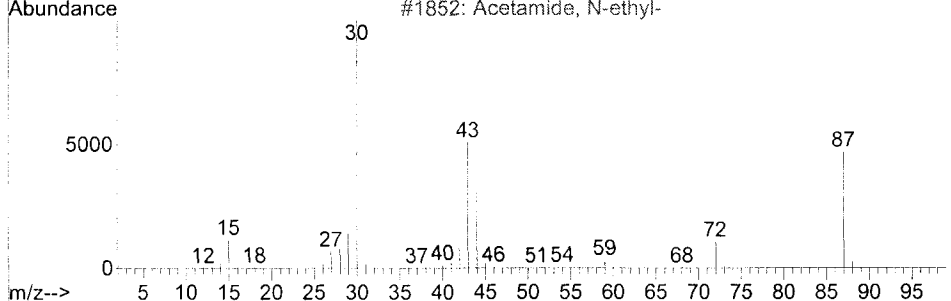
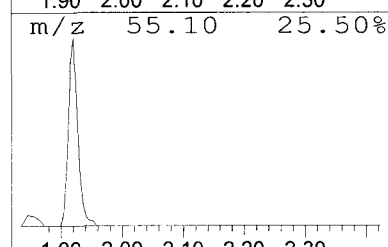
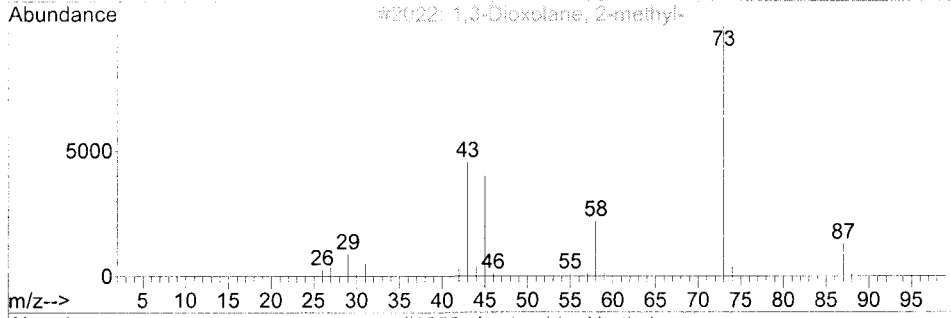
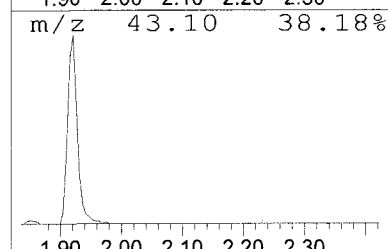
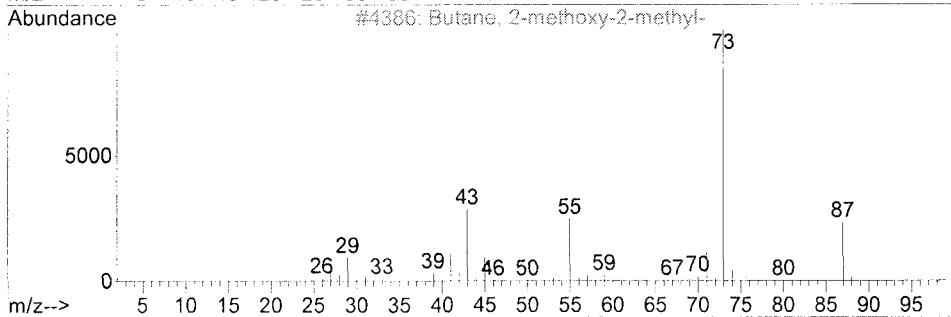
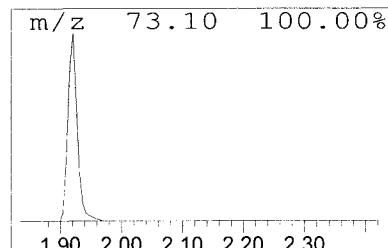
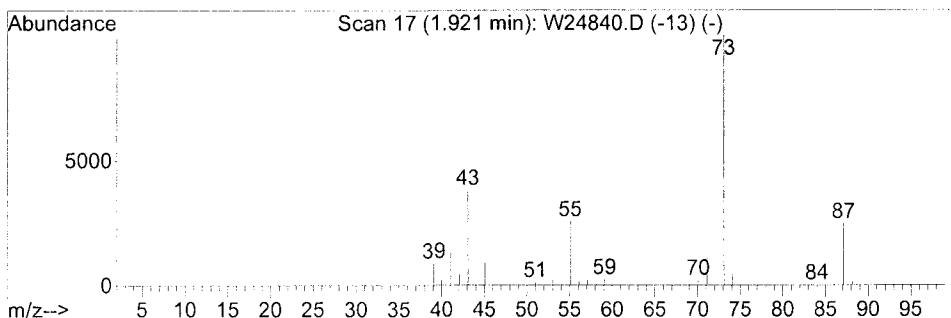
Vial: 28
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.92	54.31 ng	356172	CI30 1,4-Dichloro	262336	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Data File : C:\MSDCHEM\1\DATA\070208\W24840.D

Vial: 28

Acq On : 2 Jul 2008 18:42

Operator: AJ

Sample : A8769101 DF4 AS80007657

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Concl
Butane, 2-methoxy...	1.92	54.3	ng	356172	1	5.93	262336	40.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 30.49 (g/mL) G Lab File ID: W24841.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 34 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9	Acenaphthene		1000	U
208-96-8	Acenaphthylene		1000	U
98-86-2	Acetophenone		1000	U
120-12-7	Anthracene		1000	U
1912-24-9	Atrazine		1000	U
100-52-7	Benzaldehyde		1000	U
56-55-3	Benzo (a) anthracene		120	J
205-99-2	Benzo (b) fluoranthene		110	J
207-08-9	Benzo (k) fluoranthene		50	J
191-24-2	Benzo (ghi) perylene		73	J
50-32-8	Benzo (a) pyrene		98	J
92-52-4	Biphenyl		1000	U
111-91-1	Bis (2-chloroethoxy) methane		1000	U
111-44-4	Bis (2-chloroethyl) ether		1000	U
108-60-1	2,2'-Oxybis (1-Chloropropane)		1000	U
117-81-7	Bis (2-ethylhexyl) phthalate		1000	U
101-55-3	4-Bromophenyl phenyl ether		1000	U
85-68-7	Butyl benzyl phthalate		1000	U
105-60-2	Caprolactam		1000	U
106-47-8	4-Chloroaniline		1000	U
59-50-7	4-Chloro-3-methylphenol		1000	U
91-58-7	2-Chloronaphthalene		1000	U
95-57-8	2-Chlorophenol		1000	U
7005-72-3	4-Chlorophenyl phenyl ether		1000	U
86-74-8	Carbazole		1000	U
218-01-9	Chrysene		210	BJ
53-70-3	Dibenzo (a,h) anthracene		1000	U
132-64-9	Dibenzofuran		1000	U
84-74-2	Di-n-butyl phthalate		1000	U
91-94-1	3,3'-Dichlorobenzidine		1000	U
120-83-2	2,4-Dichlorophenol		1000	U
84-66-2	Diethyl phthalate		1000	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 30.49 (g/mL) G Lab File ID: W24841.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 34 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

105-67-9-----	2,4-Dimethylphenol	1000	U
131-11-3-----	Dimethyl phthalate	1000	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000	U
51-28-5-----	2,4-Dinitrophenol	2000	U
121-14-2-----	2,4-Dinitrotoluene	1000	U
606-20-2-----	2,6-Dinitrotoluene	1000	U
117-84-0-----	Di-n-octyl phthalate	1000	U
206-44-0-----	Fluoranthene	200	J
86-73-7-----	Fluorene	1000	U
118-74-1-----	Hexachlorobenzene	1000	U
87-68-3-----	Hexachlorobutadiene	1000	U
77-47-4-----	Hexachlorocyclopentadiene	1000	U
67-72-1-----	Hexachloroethane	1000	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	57	J
78-59-1-----	Isophorone	1000	U
91-57-6-----	2-Methylnaphthalene	1000	U
95-48-7-----	2-Methylphenol	1000	U
106-44-5-----	4-Methylphenol	1000	U
91-20-3-----	Naphthalene	1000	U
88-74-4-----	2-Nitroaniline	2000	U
99-09-2-----	3-Nitroaniline	2000	U
100-01-6-----	4-Nitroaniline	2000	U
98-95-3-----	Nitrobenzene	1000	U
88-75-5-----	2-Nitrophenol	1000	U
100-02-7-----	4-Nitrophenol	2000	U
86-30-6-----	N-nitrosodiphenylamine	1000	U
621-64-7-----	N-Nitroso-Di-n-propylamine	1000	U
87-86-5-----	Pentachlorophenol	2000	U
85-01-8-----	Phenanthrene	130	J
108-95-2-----	Phenol	1000	U
129-00-0-----	Pyrene	210	J
95-95-4-----	2,4,5-Trichlorophenol	1000	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 30.49 (g/mL) G Lab File ID: W24841.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 34 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

88-06-2-----	2,4,6-Trichlorophenol	1000		U
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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-050/6-8

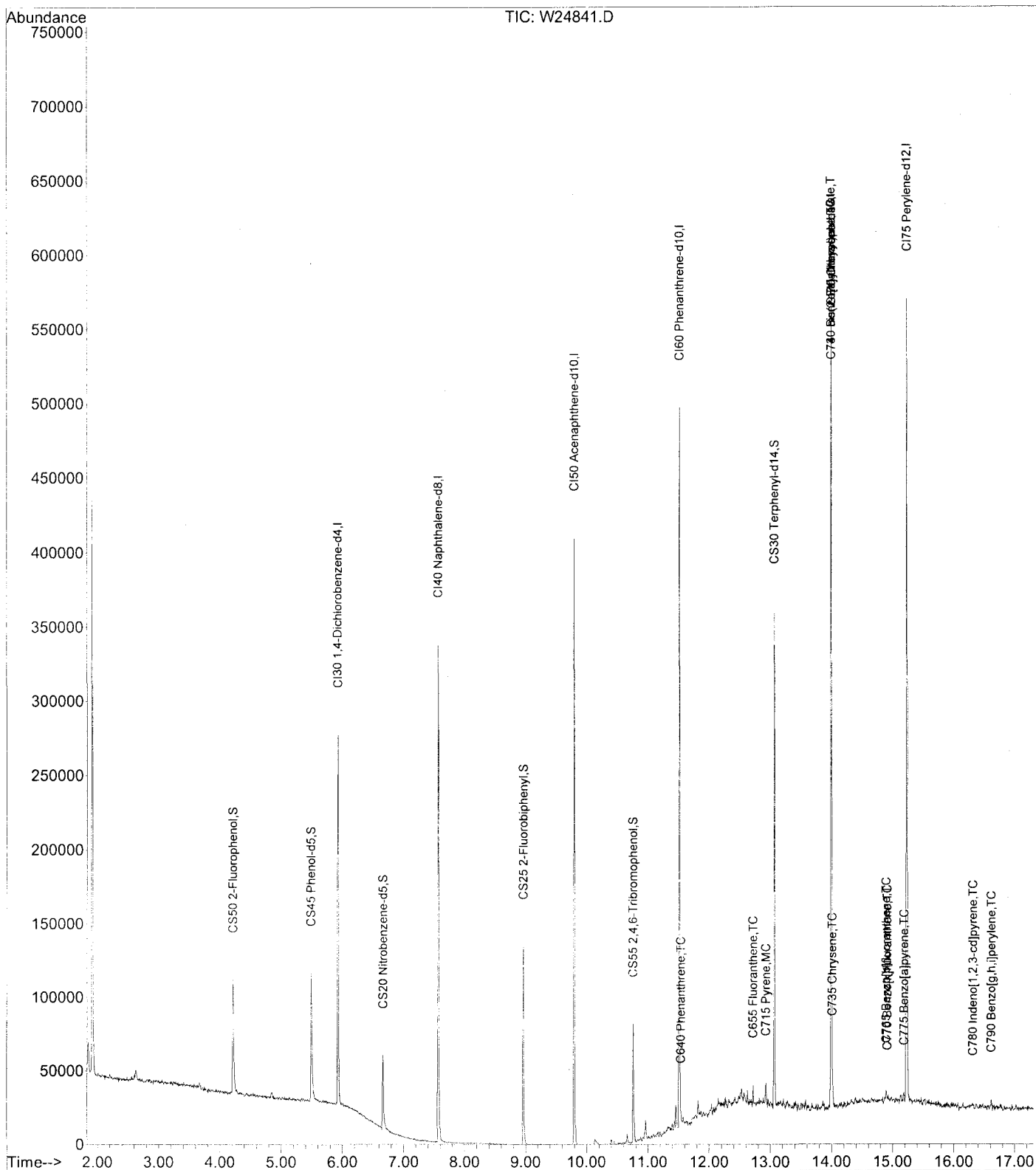
Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 30.49 (g/mL) G Lab File ID: W24841.RRLevel: (low/med) LOW Date Samp/Recv: 06/25/2008 06/27/2008% Moisture: 34.2 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 994-05-8	BUTANE, 2-METHOXY-2-METHYL-	1.92	13000	BJN

Data File : C:\MSDCHEM\1\DATA\070208\W24841.D
 Acq On : 2 Jul 2008 7:05 pm
 Sample : A8769102 DF4 AS80007658
 Misc :
 MS Integration Params: rteint.p

Vial: 29
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 05 08:57:32 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070208\W24841.D
 Acq On : 2 Jul 2008 7:05 pm
 Sample : A8769102 DF4 AS80007658
 Misc :

Vial: 29
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 05 08:57:32 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

*SS
m/k*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	42063	40.00	ng	0.00	61.73%
20) CI40 Naphthalene-d8	7.57	136	178278	40.00	ng	0.00	60.97%
35) CI50 Acenaphthene-d10	9.80	164	95656	40.00	ng	0.00	53.73%
56) CI60 Phenanthrene-d10	11.52	188	178715	40.00	ng	0.00	64.50%
68) CI70 Chrysene-d12	14.00	240	193659	40.00	ng	0.00	61.87%
78) CI75 Perylene-d12	15.23	264	189921	40.00	ng	0.00	72.36%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.22	112	35259	26.06	ng	0.00	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	17.37%#	
5) CS45 Phenol-d5	5.49	99	46081	25.00	ng	0.00	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	16.67%	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	0.00	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	0.00	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.67	82	25475	16.21	ng	0.00	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	16.21%#	
39) CS25 2-Fluorobiphenyl	8.97	172	54543	16.23	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	16.23%#	
59) CS55 2,4,6-Tribromophenol	10.77	330	10267	26.90	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	17.93%	
71) CS30 Terphenyl-d14	13.07	244	85955	19.04	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	19.04%#	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

*m/g
8/7/08*

Data File : C:\MSDCHEM\1\DATA\070208\W24841.D
 Acq On : 2 Jul 2008 7:05 pm
 Sample : A8769102 DF4 AS80007658
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 05 08:57:32 2008

Vial: 29
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

*SS
msh*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.		
30) C450 Naphthalene	0.00	128	0	N.D.		
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.		
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.		
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41) C530 2-Nitroaniline	0.00	65	0	N.D.		
42) C540 Acenaphthylene	0.00	152	0	N.D.		
43) C535 Dimethylphthalate	0.00	163	0	N.D.		
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
45) C550 Acenaphthene	0.00	153	0	N.D.		
46) C545 3-Nitroaniline	0.00	138	0	N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48) C565 Dibenzofuran	0.00	168	0	N.D.		
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50) C560 4-Nitrophenol	0.00	109	0	N.D.		
51) C590 Fluorene	0.00	166	0	N.D.		
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53) C580 Diethylphthalate	0.00	149	0	N.D.		
54) C620 1,2 diphenylhydraz	0.00	77	0	N.D.		
55) C595 4-Nitroaniline	0.00	138	0	N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60) C625 4-Bromophenyl-phen	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.		
62) C635 Pentachlorophenol	0.00	266	0	N.D.		
63) C640 Phenanthrene	11.55	178	3504	0.67	ng	89
64) C645 Anthracene	11.61	178	444	N.D.		
65) C647 carbazole	0.00	167	0	N.D.		
66) C650 Di-n-butylphthalate	12.13	149	180	N.D.		
67) C655 Fluoranthene	12.72	202	6165	1.03	ng	83
68) C715 Pyrene	12.93	202	6146	1.05	ng	94
70) C710 benzidine	0.00	184	0	N.D.		
72) C720 Butylbenzylphthalat	13.50	149	232	N.D.		
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.		
74) C730 Benzo[a]anthracene	13.99	228	3625	0.59	ng	85
75) C735 Chrysene	14.02	228	6102	1.05	ng	94
76) C740 bis(2-Ethylhexyl)phth	13.99	149	3539	0.81	ng	82
77) C760 Di-n-octylphthalate	14.51	149	754	N.D.		
79) C765 Benzo[b]fluoranthene	14.90	252	4054m	0.57	ng	79
80) C770 Benzo[k]fluoranthene	14.92	252	1722m	0.25	ng	79
81) C775 Benzo[a]pyrene	15.19	252	3290	0.49	ng	92
82) C780 Indeno[1,2,3-cd]pyren	16.31	276	2371	0.29	ng	# 45
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.		
84) C790 Benzo[g,h,i]perylene	16.62	276	2622	0.37	ng	74

mt 8/7/08

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\070208\W24841.D Vial: 29
 Acq On : 2 Jul 2008 19:05 Operator: AJ
 Sample : A8769102 DF4 AS80007658 Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 11 17:54:30 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

*59
W/L/L
A*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	42063	40.00	ng	-0.06 86.26%
4) CI40 Naphthalene-d8	7.57	136	178278	40.00	ng	-0.05 91.55%
7) CI50 Acenaphthene-d8	9.80	164	95656	40.00	ng	-0.04 103.75%
10) CI60 Phenanthrene-d10	11.52	188	178715	40.00	ng	-0.04 115.73%
12) CI70 Chrysene-d12	14.00	240	193659	40.00	ng	-0.03 105.74%
13) CI75 Perylene-d12	15.23	264	189921	40.00	ng	-0.04 106.23%
Target Compounds						Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

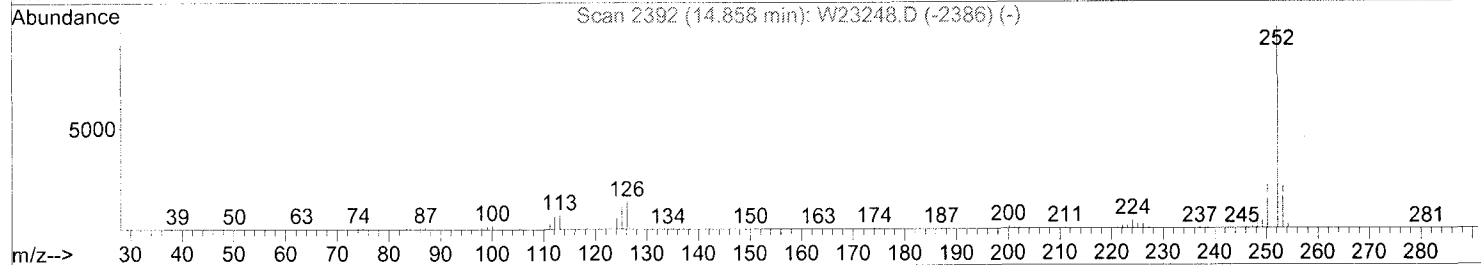
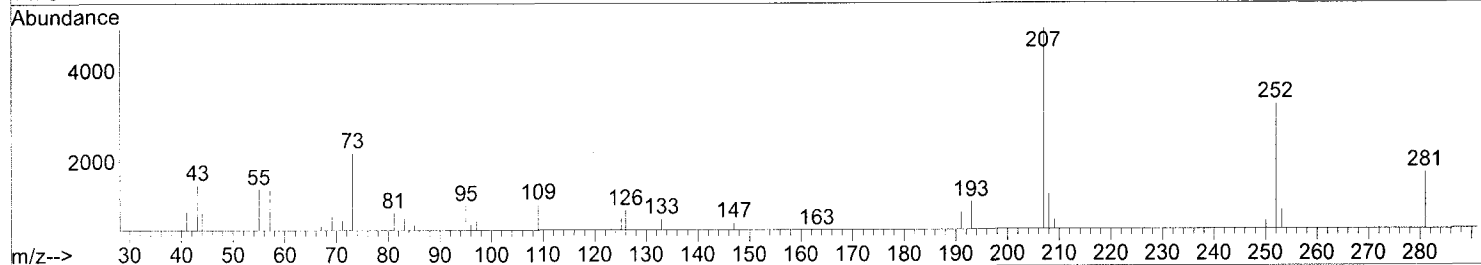
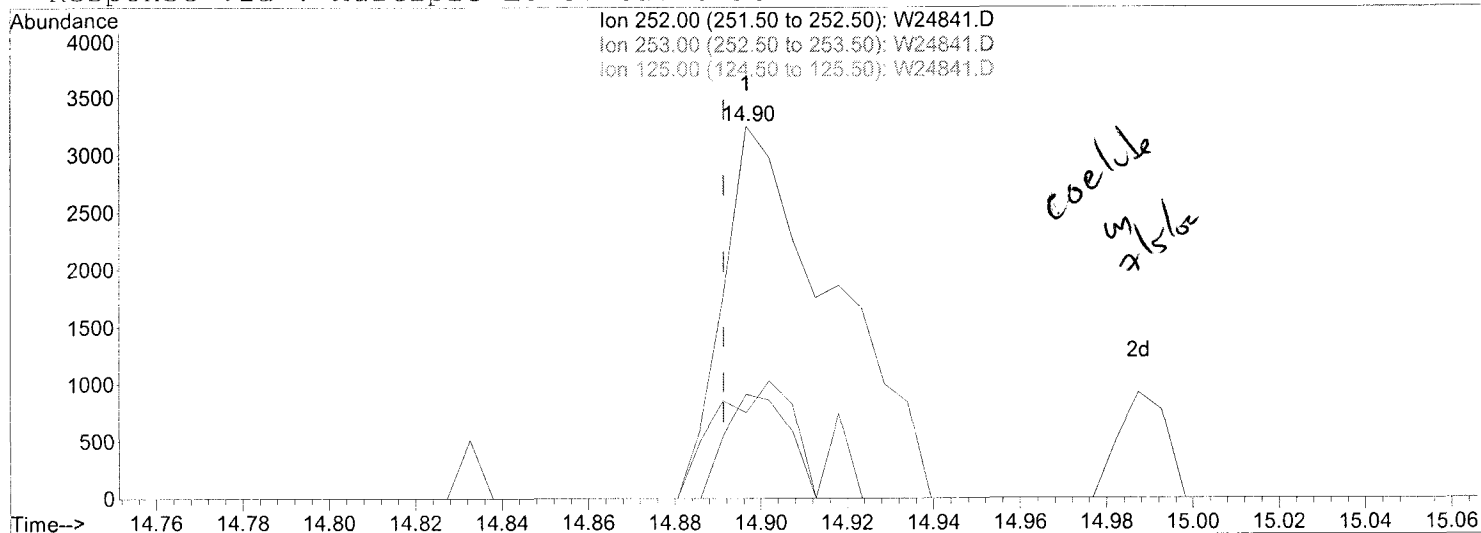
(#) = qualifier out of range (m) = manual integration (+) = signals summed

mt 8/11/08

Data File : C:\MSDCHEM\1\DATA\070208\W24841.D
 Acq On : 2 Jul 2008 7:05 pm
 Sample : A8769102 DF4 AS80007658
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 03 07:28:16 2008

Vial: 29
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response via : Multiple Level Calibration



TIC: W24841.D

(79) C765 Benzo[b]fluoranthene (TC)

14.90min (+0.005) 0.81ng

response 5775

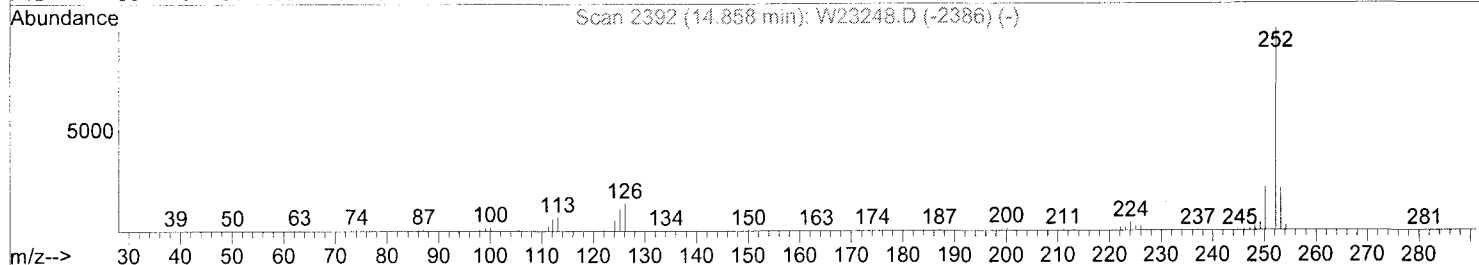
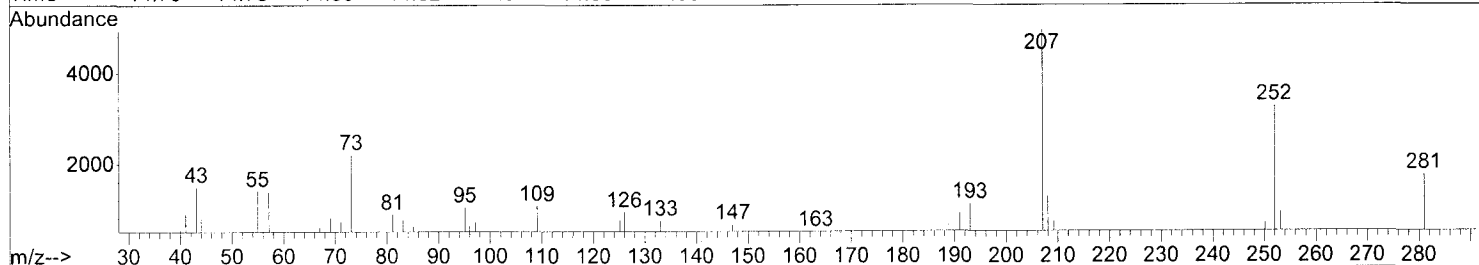
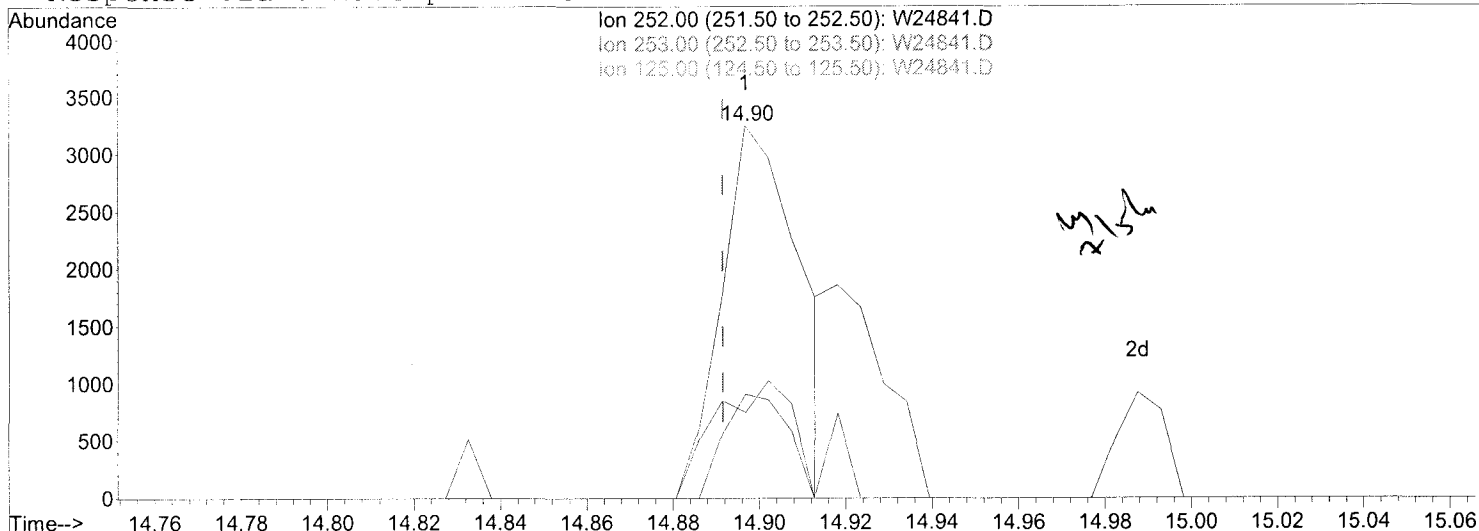
Ion	Exp%	Act%
252.00	100	100
253.00	20.80	28.05
125.00	11.20	23.13
0.00	0.00	0.00

AJ
 7/13/08

Data File : C:\MSDCHEM\1\DATA\070208\W24841.D
Acq On : 2 Jul 2008 7:05 pm
Sample : A8769102 DF4 AS80007658
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 03 07:28:16 2008

Vial: 29
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 14:48:35 2008
Response via : Multiple Level Calibration



TIC: W24841.D

(79) C765 Benzo[b]fluoranthene (TC)

14.90min (+0.005) 0.57ng m

response 4054

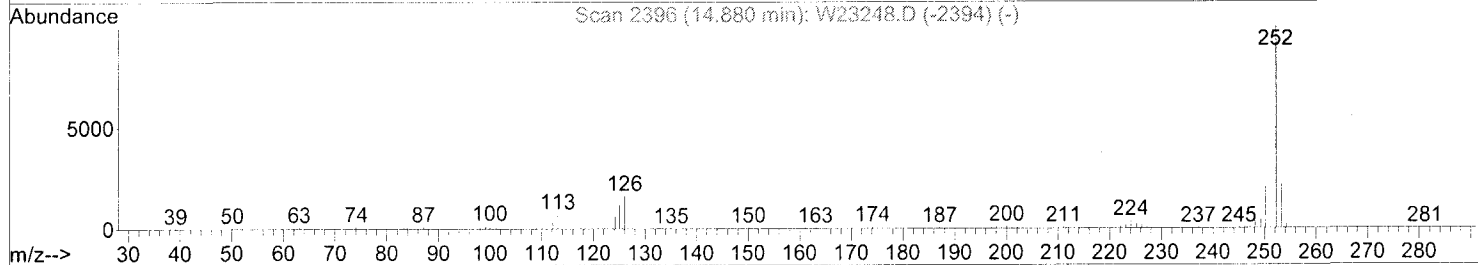
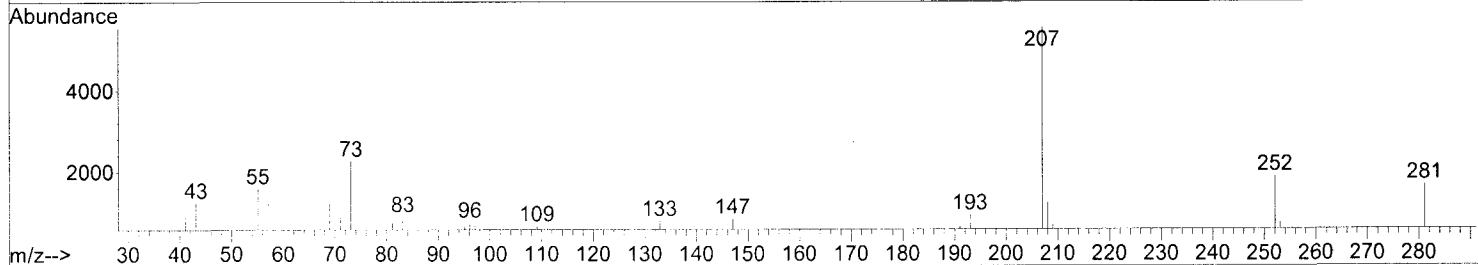
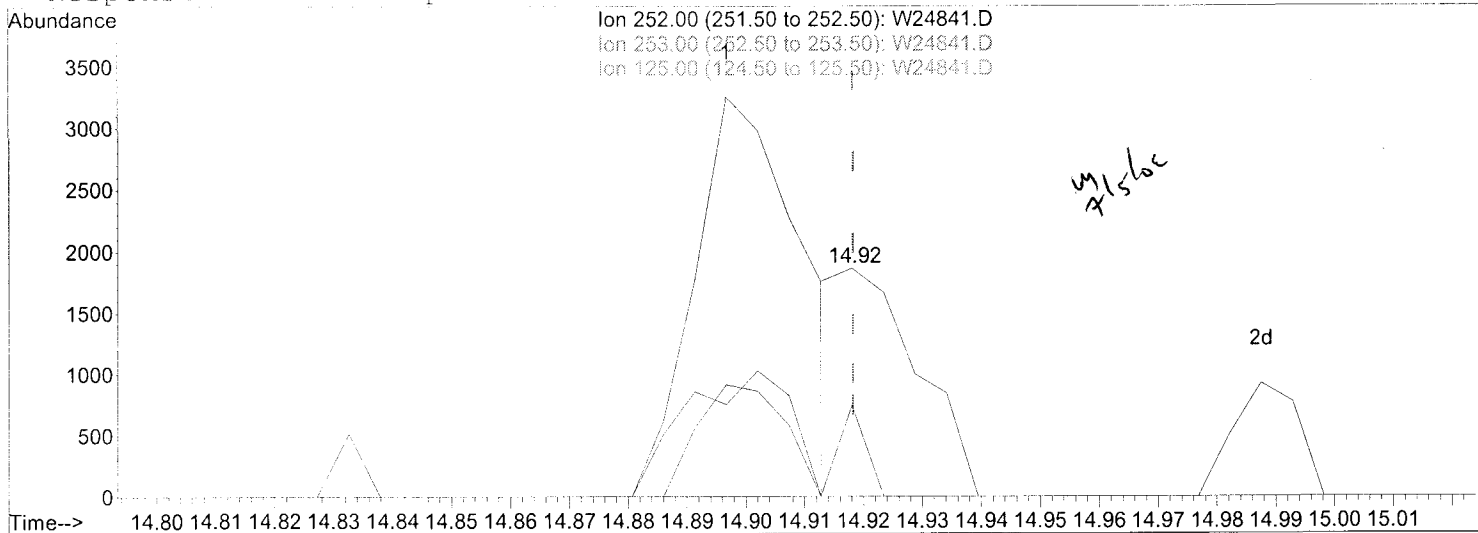
Ion	Exp%	Act%
252.00	100	100
253.00	20.80	28.05
125.00	11.20	23.13
0.00	0.00	0.00

AJ
7/13/08

Data File : C:\MSDCHEM\1\DATA\070208\W24841.D
Acq On : 2 Jul 2008 7:05 pm
Sample : A8769102 DF4 AS80007658
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 03 07:28:16 2008

Vial: 29
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 14:48:35 2008
Response via : Multiple Level Calibration



TIC: W24841.D

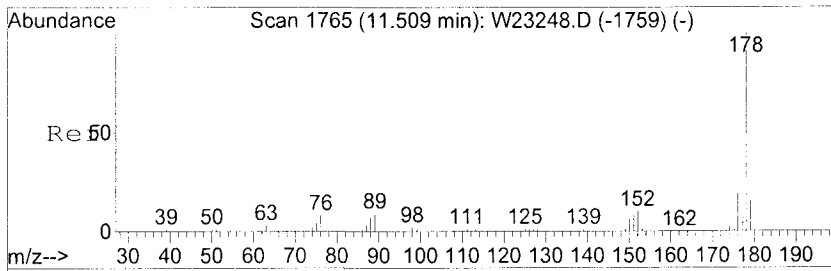
(80) C770 Benzo[k]fluoranthene (TC)

14.92min (-0.000) 0.25ng m

response 1722

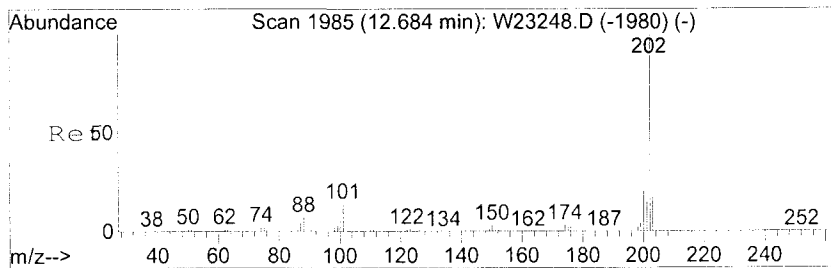
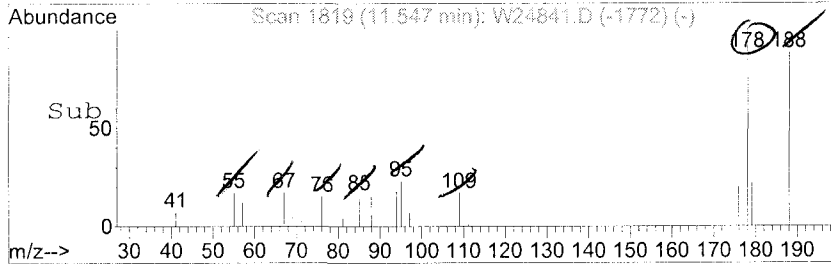
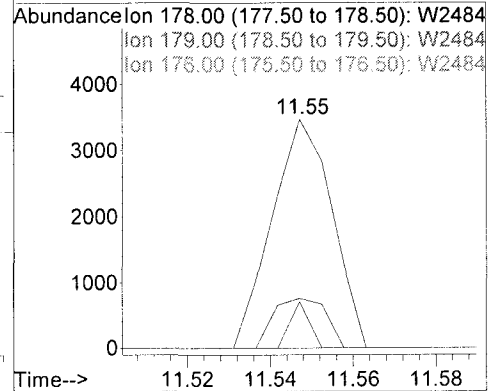
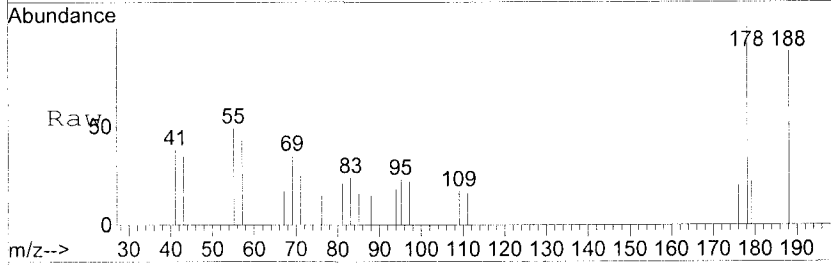
Ion	Exp%	Act%
252.00	100	100
253.00	20.90	39.84
125.00	11.00	0.00
0.00	0.00	0.00

AJ
7/3/08



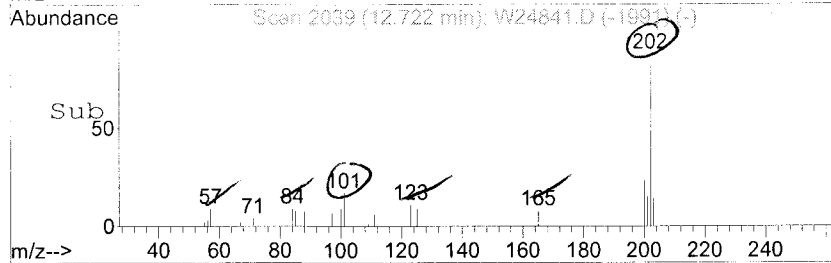
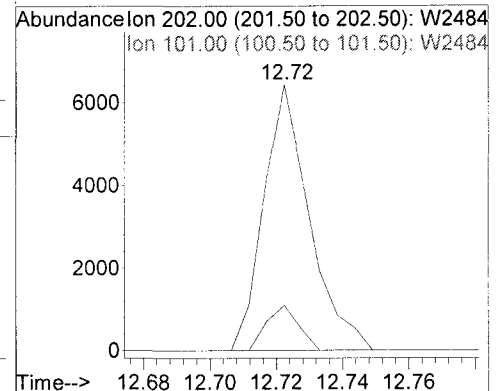
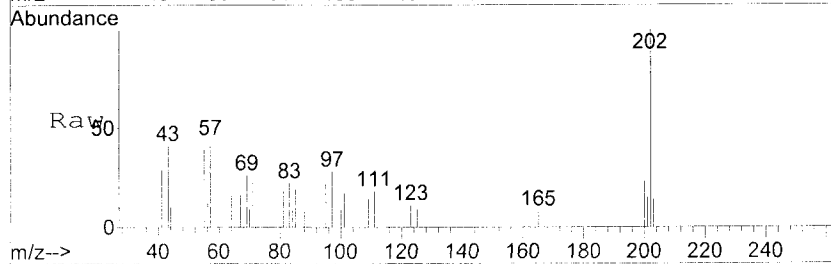
#63
 C640 Phenanthrene
 Concen: 0.67 ng
 RT: 11.55 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.9	0.0	34.3
176	20.4	0.0	38.0

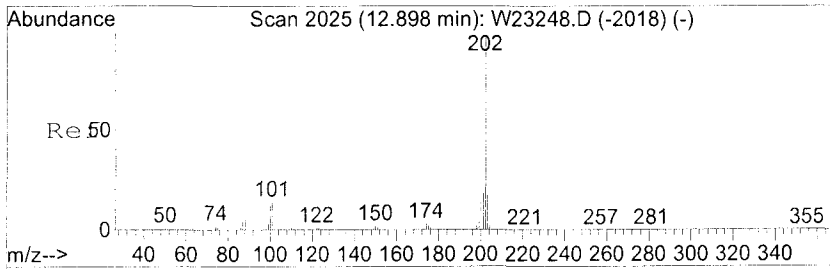


#67
 C655 Fluoranthene
 Concen: 1.03 ng
 RT: 12.72 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	30.7

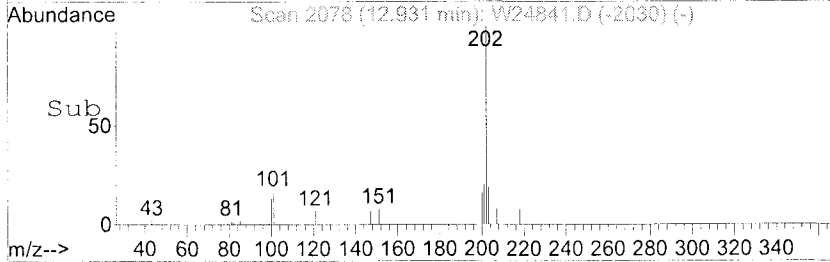
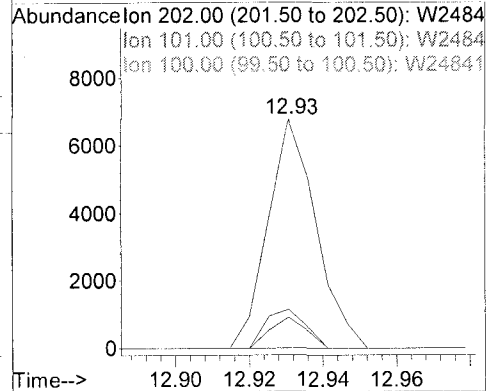
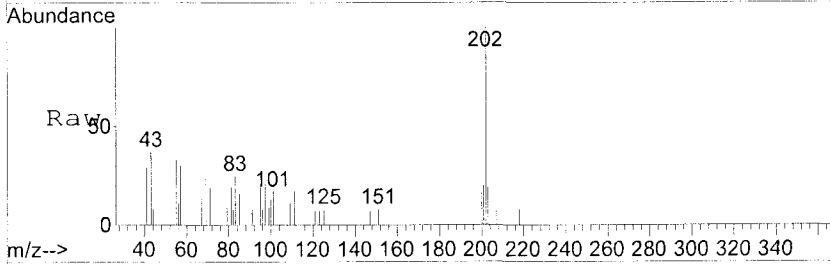


4/15/08



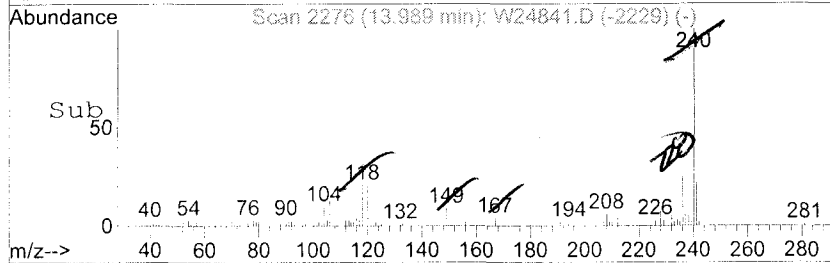
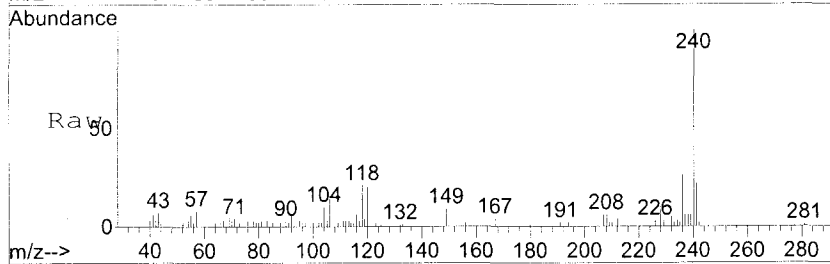
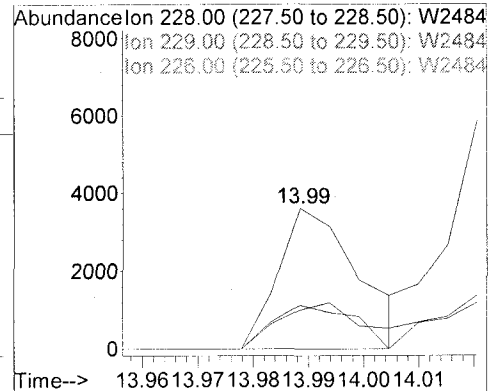
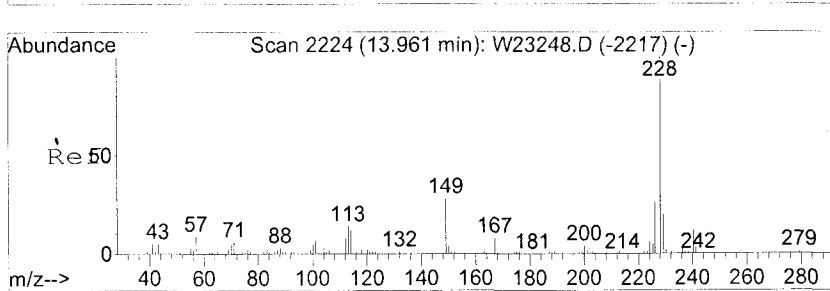
#69
 C715 Pyrene
 Concen: 1.05 ng
 RT: 12.93 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	34.3
100	13.4	0.0	31.1

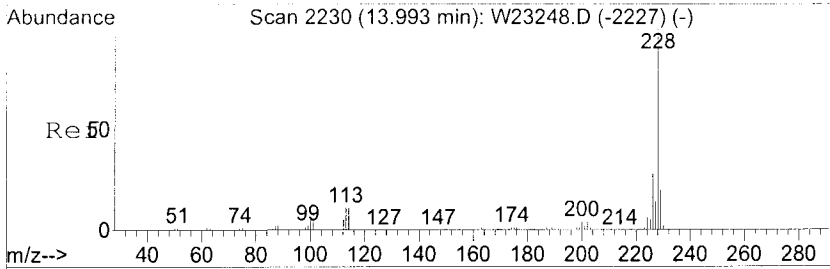


#74
 C730 Benzo[a]anthracene
 Concen: 0.59 ng
 RT: 13.99 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
229	31.3	0.0	38.8
226	27.7	4.8	44.8

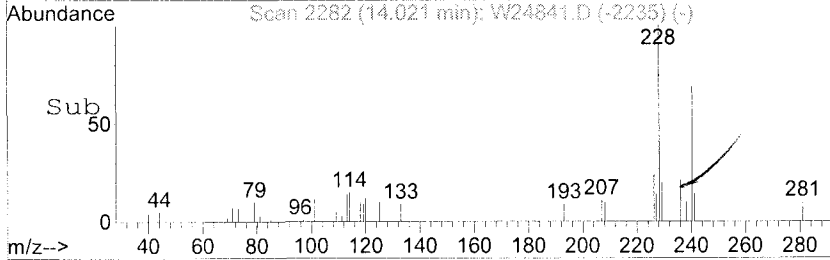
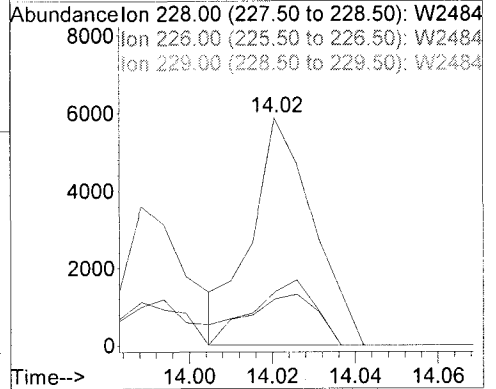
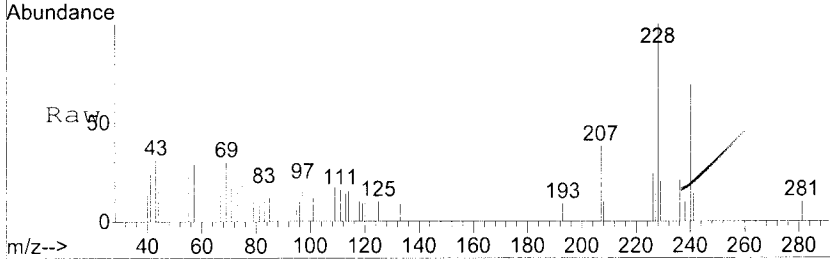


WJ/sh



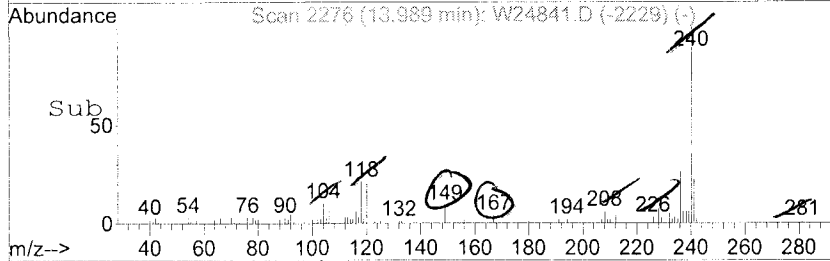
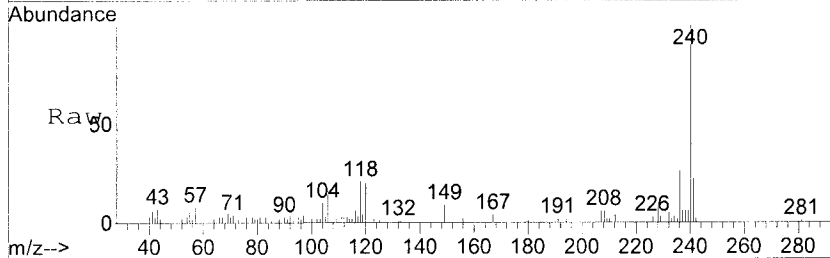
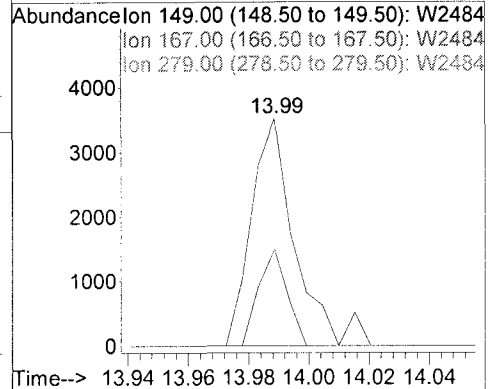
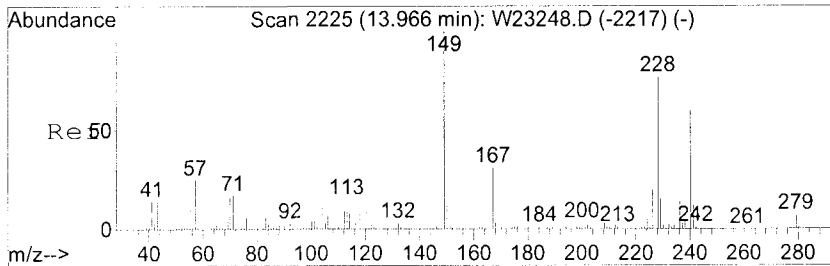
#75
 C735 Chrysene
 Concen: 1.05 ng
 RT: 14.02 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
226	23.5	7.1	47.1
229	20.4	0.0	38.8

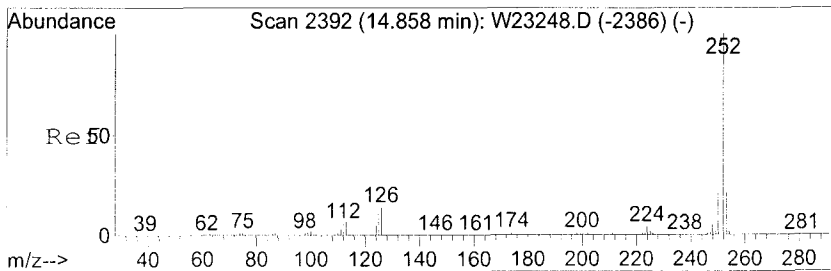


#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 0.81 ng
 RT: 13.99 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

Tgt Ion	Ratio	Lower	Upper
149	100		
167	42.5	13.1	53.1
279	0.0	0.0	27.5

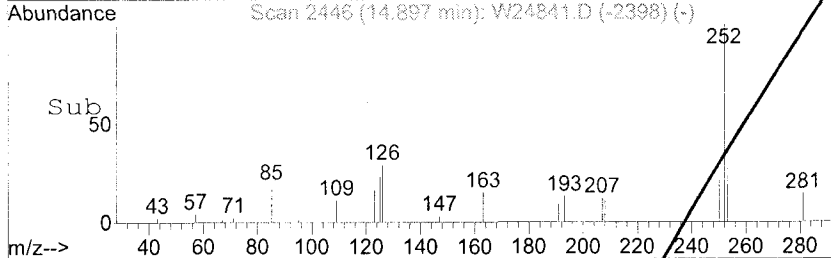
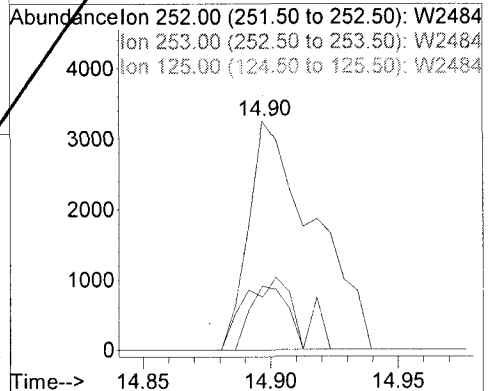
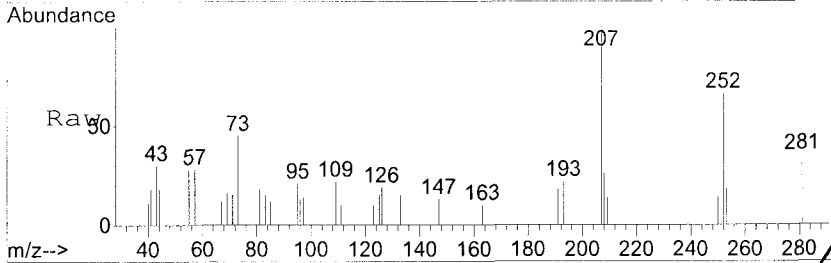


m/slu



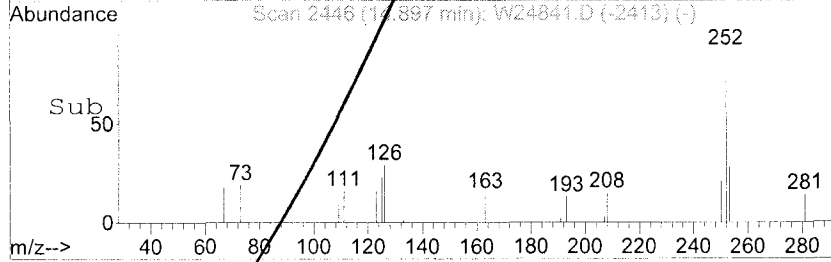
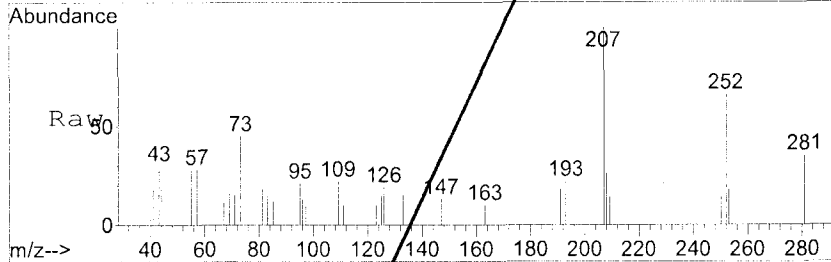
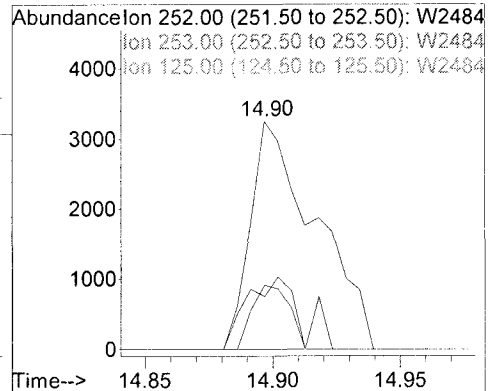
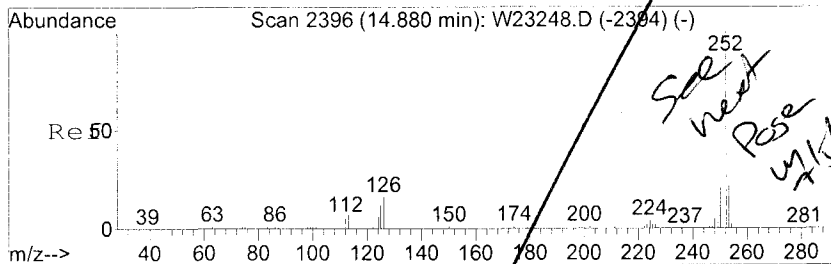
#79
 C765 Benzo[b]fluoranthene
 Concen: 0.81 ng
 RT: 14.90 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

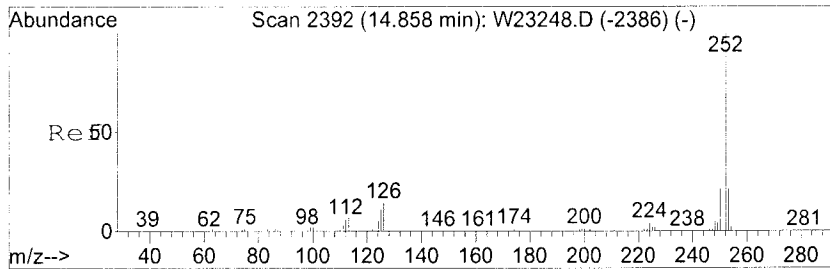
Tgt Ion	Resp	Lower	Upper
252	100		
253	28.1	0.8	40.8
125	23.1	0.0	31.2



#80
 C770 Benzo[k]fluoranthene
 Concen: 0.85 ng
 RT: 14.90 min Scan# 2446
 Delta R.T. -0.02 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

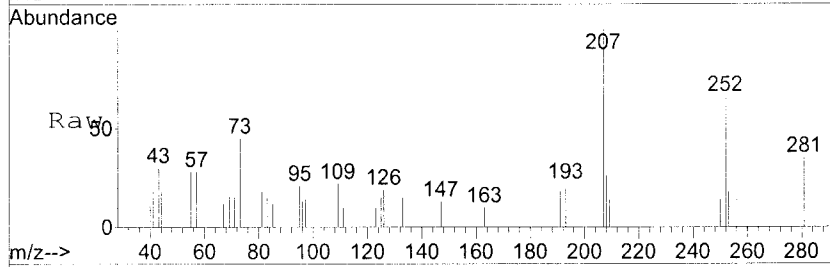
Tgt Ion	Resp	Lower	Upper
252	100		
253	28.1	0.9	40.9
125	23.1	0.0	31.0



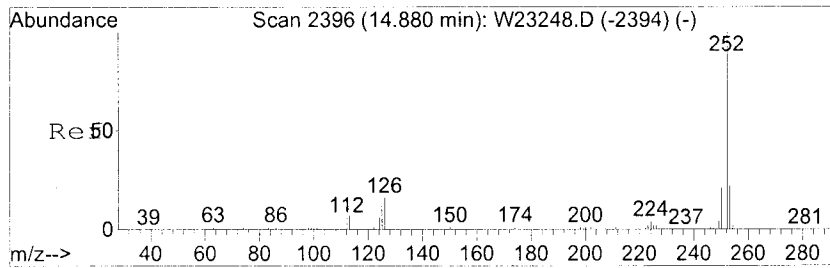
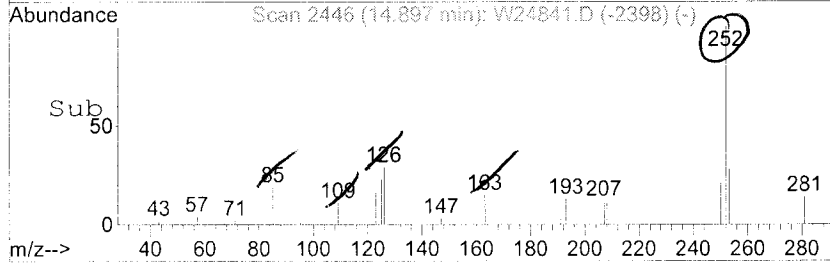
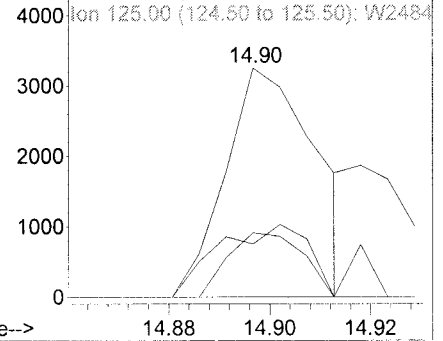


#79
 C765 Benzo[b]fluoranthene
 Concen: 0.57 ng m
 RT: 14.90 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

Tgt Ion	Resp	Lower	Upper
252	100		
253	28.1	0.8	40.8
125	23.1	0.0	31.2

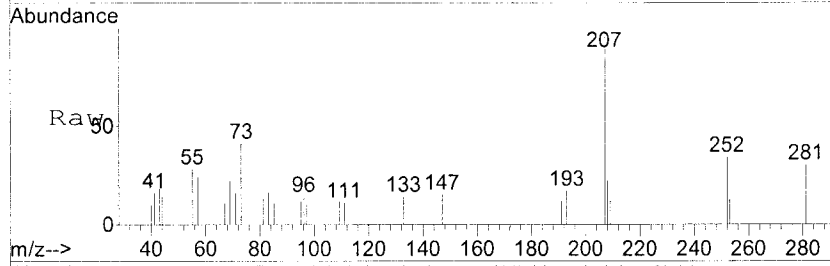


Abundance Ion 252.00 (251.50 to 252.50): W2484
 Ion 253.00 (252.50 to 253.50): W2484
 Ion 125.00 (124.50 to 125.50): W2484

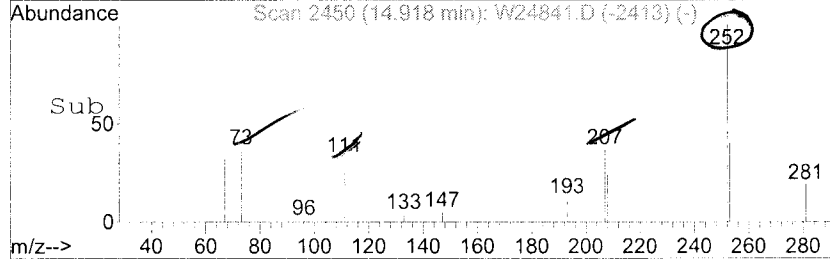
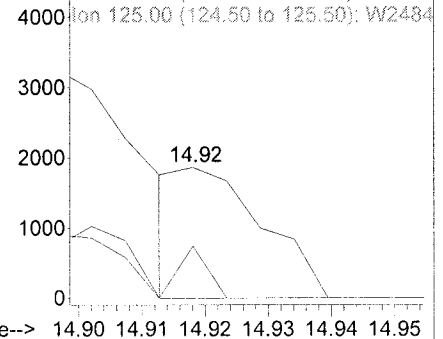


#80
 C770 Benzo[k]fluoranthene
 Concen: 0.25 ng m
 RT: 14.92 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

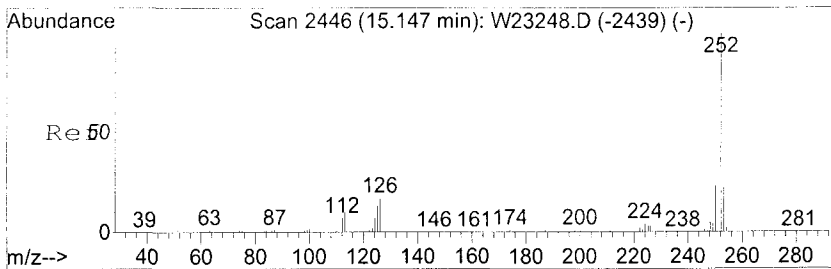
Tgt Ion	Resp	Lower	Upper
252	100		
253	39.8	0.9	40.9
125	0.0	0.0	31.0



Abundance Ion 252.00 (251.50 to 252.50): W2484
 Ion 253.00 (252.50 to 253.50): W2484
 Ion 125.00 (124.50 to 125.50): W2484

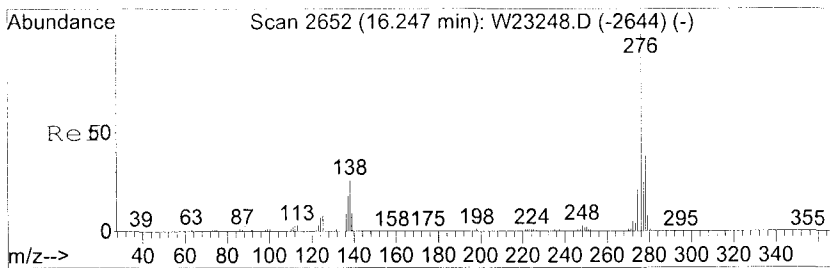
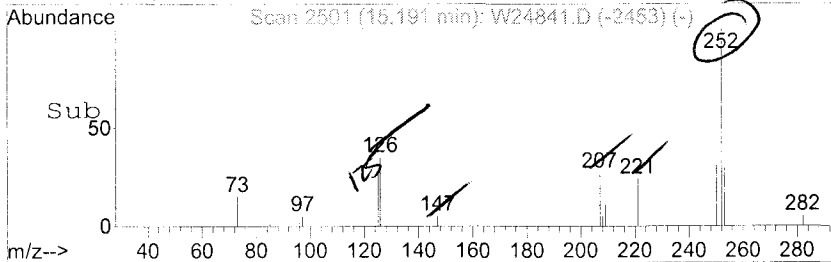
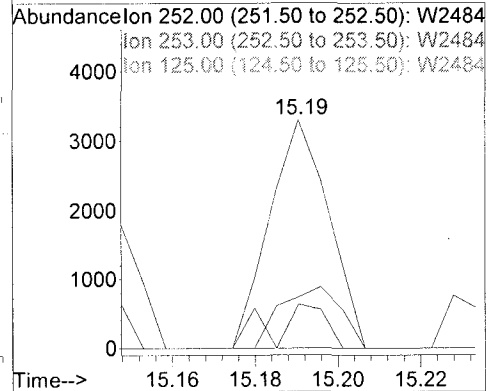
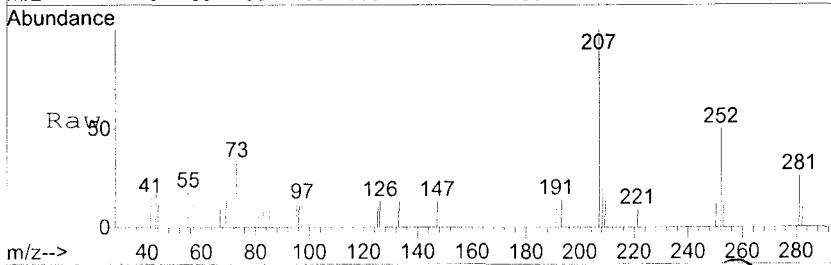


W
 2/5/08



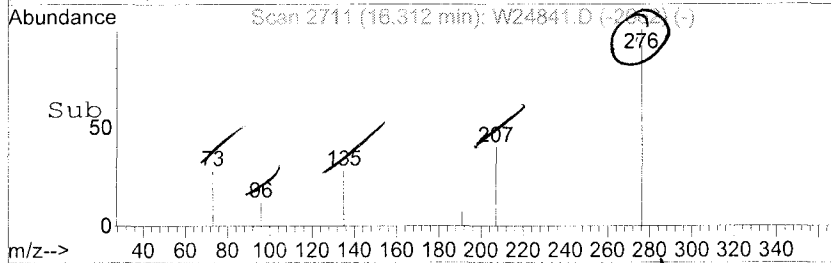
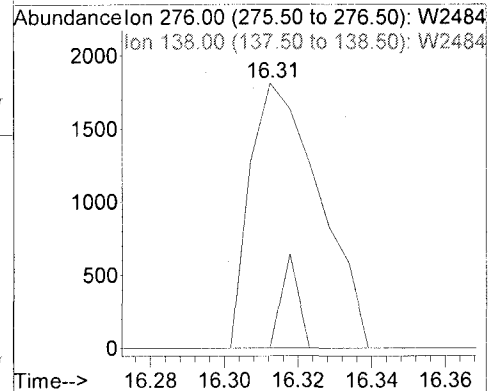
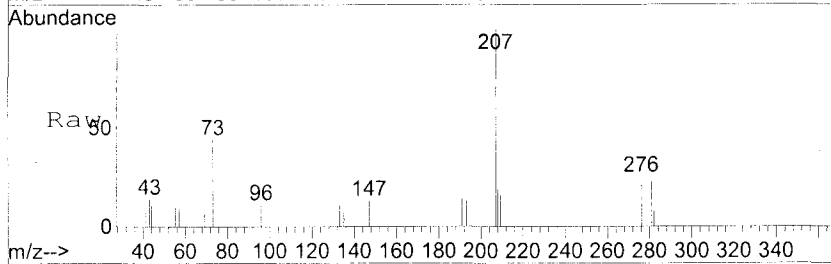
#81
 C775 Benzo[a]pyrene
 Concen: 0.49 ng
 RT: 15.19 min Scan# 2501
 Delta R.T. 0.01 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.9	40.9
125	19.3	0.0	33.4

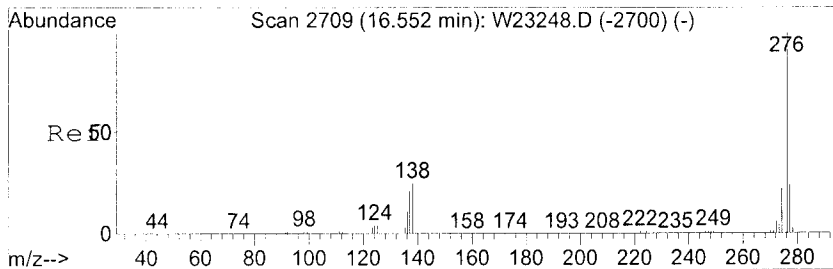


#82
 C780 Indeno[1,2,3-cd]pyrene
 Concen: 0.29 ng
 RT: 16.31 min Scan# 2711
 Delta R.T. 0.01 min
 Lab File: W24841.D
 Acq: 2 Jul 2008 7:05 pm

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.1	50.1#

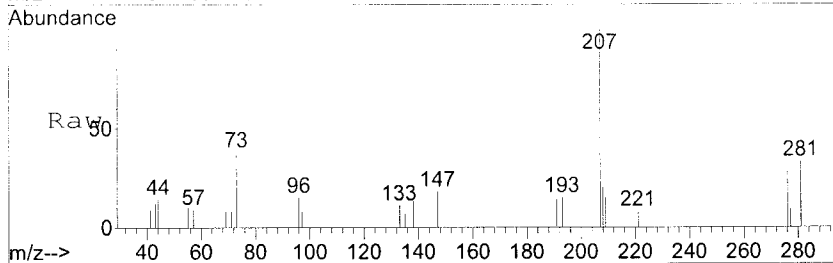


WLS

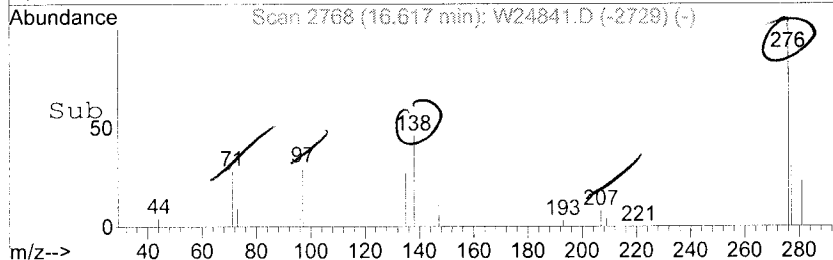
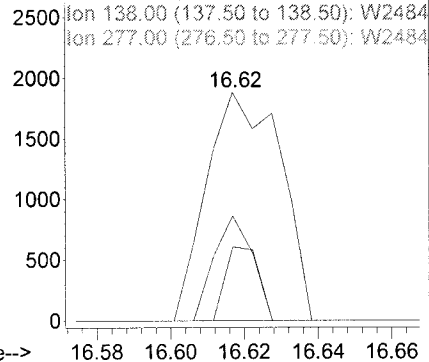


#84
C790 Benzo[g,h,i]perylene
Concen: 0.37 ng
RT: 16.62 min Scan# 2768
Delta R.T. 0.01 min
Lab File: W24841.D
Acq: 2 Jul 2008 7:05 pm

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.8	7.8	47.8
277	32.1	3.7	43.7



Abundance Ion 276.00 (275.50 to 276.50): W2484
Ion 138.00 (137.50 to 138.50): W2484
Ion 277.00 (276.50 to 277.50): W2484



ms

Data File : C:\MSDCHEM\1\DATA\070208\W24841.D
 Acq On : 2 Jul 2008 19:05
 Sample : A8769102 DF4 AS80007658
 Misc :
 MS Integration Params: LSCINT.P

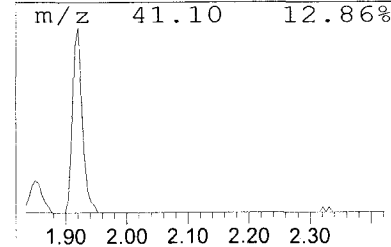
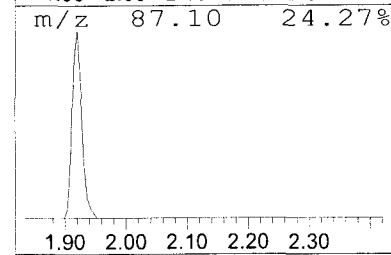
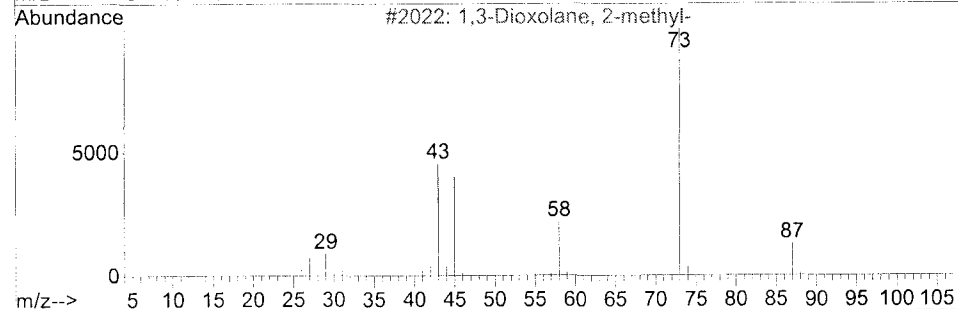
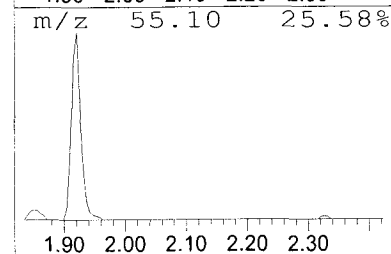
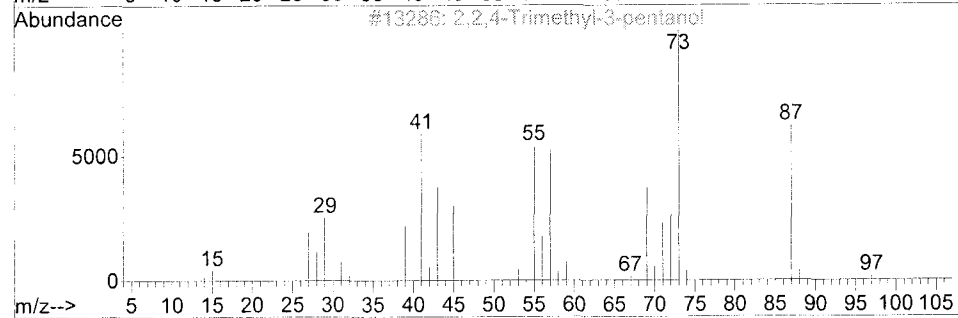
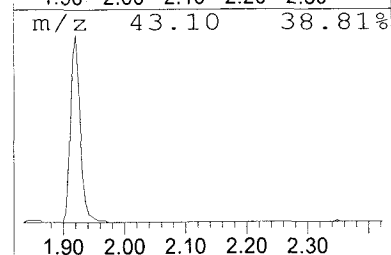
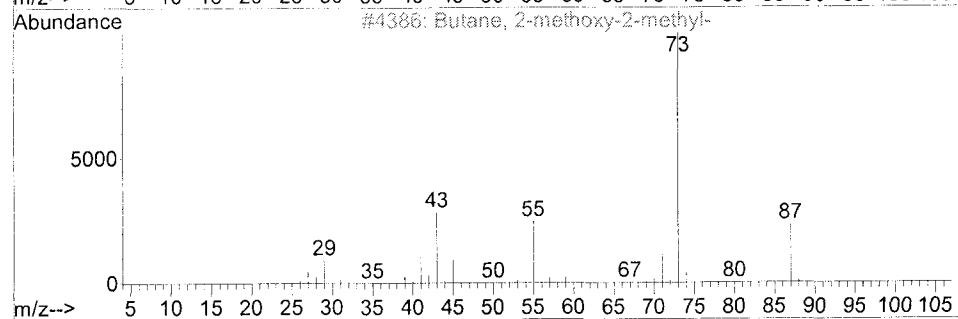
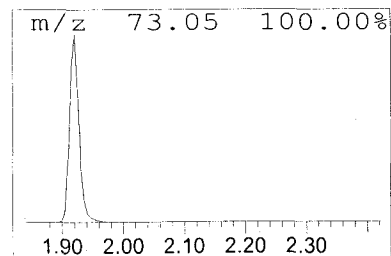
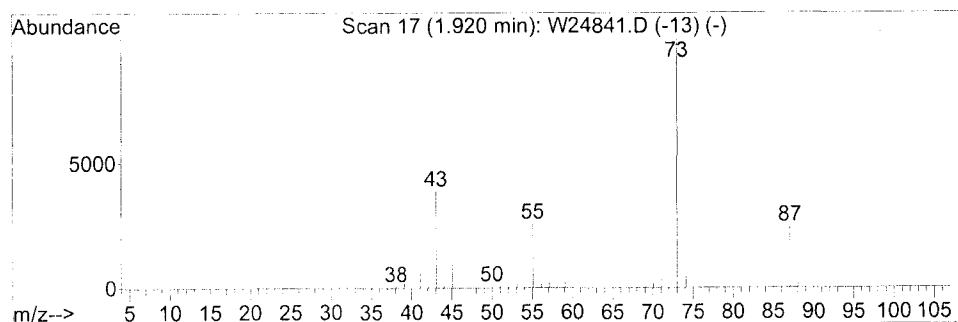
Vial: 29
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.92	63.40 ng	421631	CI30 1,4-Dichloro	266006	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



Data File : C:\MSDCHEM\1\DATA\070208\W24841.D

Vial: 29

Acq On : 2 Jul 2008 19:05

Operator: AJ

Sample : A8769102 DF4 AS80007658

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Concl
Butane, 2-methoxy...	1.92	63.4	ng	421631	1	5.93	266006	40.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769103Sample wt/vol: 30.68 (g/mL) G Lab File ID: W24842.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 9 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 2.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9	Acenaphthene		360	U
208-96-8	Acenaphthylene		360	U
98-86-2	Acetophenone		360	U
120-12-7	Anthracene		360	U
1912-24-9	Atrazine		360	U
100-52-7	Benzaldehyde		360	U
56-55-3	Benzo (a) anthracene		90	J
205-99-2	Benzo (b) fluoranthene		120	J
207-08-9	Benzo (k) fluoranthene		56	J
191-24-2	Benzo (ghi) perylene		78	J
50-32-8	Benzo (a) pyrene		88	J
92-52-4	Biphenyl		360	U
111-91-1	Bis (2-chloroethoxy) methane		360	U
111-44-4	Bis (2-chloroethyl) ether		360	U
108-60-1	2,2'-Oxybis (1-Chloropropane)		360	U
117-81-7	Bis (2-ethylhexyl) phthalate		360	U
101-55-3	4-Bromophenyl phenyl ether		360	U
85-68-7	Butyl benzyl phthalate		360	U
105-60-2	Caprolactam		360	U
106-47-8	4-Chloroaniline		360	U
59-50-7	4-Chloro-3-methylphenol		360	U
91-58-7	2-Chloronaphthalene		360	U
95-57-8	2-Chlorophenol		360	U
7005-72-3	4-Chlorophenyl phenyl ether		360	U
86-74-8	Carbazole		360	U
218-01-9	Chrysene		120	BJ
53-70-3	Dibenzo (a,h) anthracene		19	J
132-64-9	Dibenzofuran		360	U
84-74-2	Di-n-butyl phthalate		360	U
91-94-1	3,3'-Dichlorobenzidine		360	U
120-83-2	2,4-Dichlorophenol		360	U
84-66-2	Diethyl phthalate		360	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769103Sample wt/vol: 30.68 (g/mL) G Lab File ID: W24842.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 9 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 2.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9-----	2,4-Dimethylphenol	360		U
131-11-3-----	Dimethyl phthalate	360		U
534-52-1-----	4,6-Dinitro-2-methylphenol	710		U
51-28-5-----	2,4-Dinitrophenol	710		U
121-14-2-----	2,4-Dinitrotoluene	360		U
606-20-2-----	2,6-Dinitrotoluene	360		U
117-84-0-----	Di-n-octyl phthalate	360		U
206-44-0-----	Fluoranthene	97		J
86-73-7-----	Fluorene	360		U
118-74-1-----	Hexachlorobenzene	360		U
87-68-3-----	Hexachlorobutadiene	360		U
77-47-4-----	Hexachlorocyclopentadiene	360		U
67-72-1-----	Hexachloroethane	360		U
193-39-5-----	Indeno (1,2,3-cd) pyrene	69		J
78-59-1-----	Isophorone	360		U
91-57-6-----	2-Methylnaphthalene	360		U
95-48-7-----	2-Methylphenol	360		U
106-44-5-----	4-Methylphenol	360		U
91-20-3-----	Naphthalene	360		U
88-74-4-----	2-Nitroaniline	710		U
99-09-2-----	3-Nitroaniline	710		U
100-01-6-----	4-Nitroaniline	710		U
98-95-3-----	Nitrobenzene	360		U
88-75-5-----	2-Nitrophenol	360		U
100-02-7-----	4-Nitrophenol	710		U
86-30-6-----	N-nitrosodiphenylamine	360		U
621-64-7-----	N-Nitroso-Di-n-propylamine	360		U
87-86-5-----	Pentachlorophenol	710		U
85-01-8-----	Phenanthrene	35		J
108-95-2-----	Phenol	360		U
129-00-0-----	Pyrene	120		J
95-95-4-----	2,4,5-Trichlorophenol	360		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769103

Sample wt/vol: 30.68 (g/mL) G Lab File ID: W24842.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008

% Moisture: 9 decanted: (Y/N) N Date Extracted: 07/01/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
88-06-2-----	2,4,6-Trichlorophenol	360	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-052/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769103Sample wt/vol: 30.68 (g/mL) G Lab File ID: W24842.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 8.8 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 2.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1

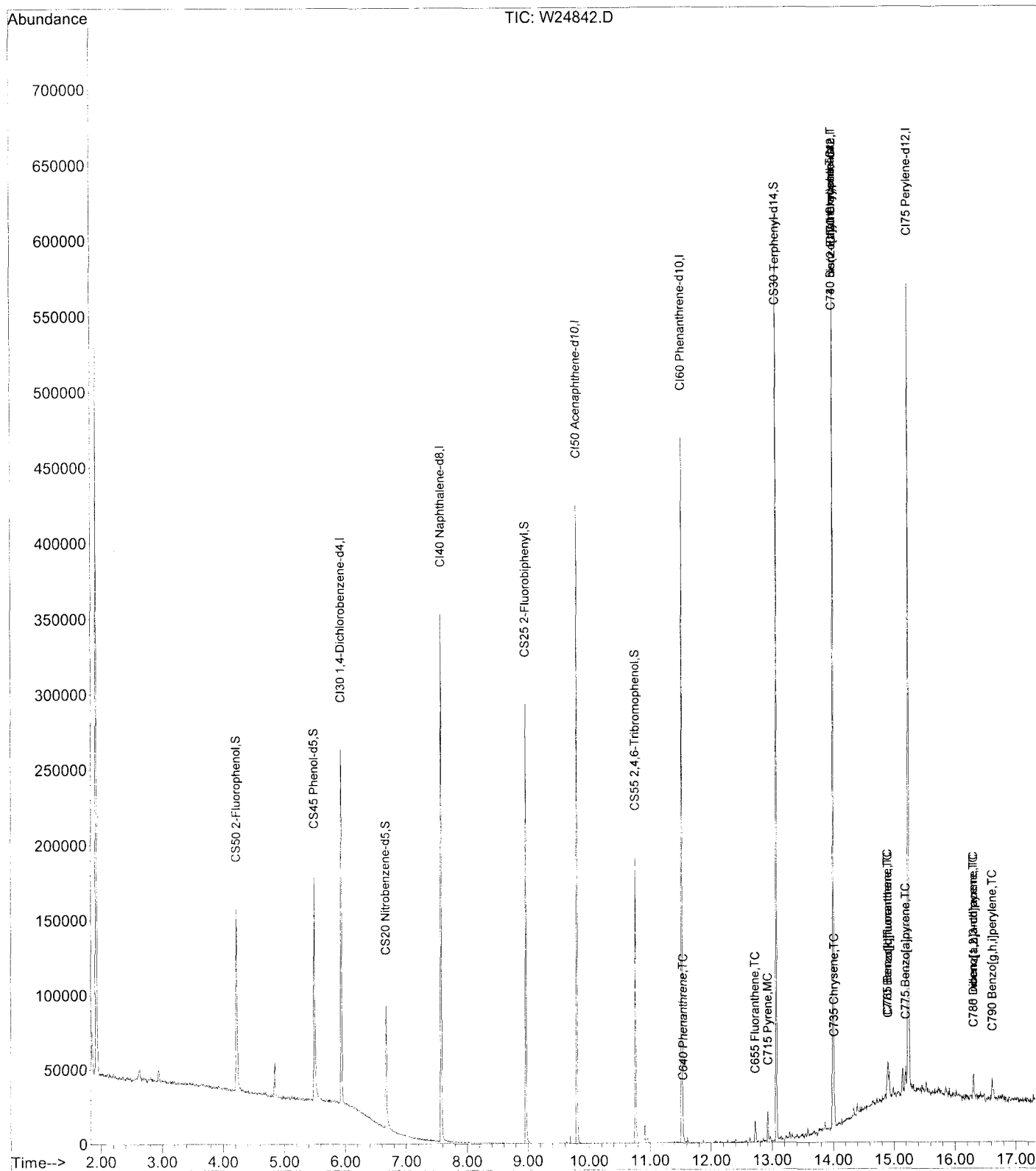
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 994-05-8	BUTANE, 2-METHOXY-2-METHYL-	1.92	5600	BJN

Data File : C:\MSDCHEM\1\DATA\070208\W24842.D
 Acq On : 2 Jul 2008 7:28 pm
 Sample : A8769103 DF2 AS80007659
 Misc :
 MS Integration Params: rteint.p

Vial: 30
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 05 09:03:46 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070208\W24842.D
 Acq On : 2 Jul 2008 7:28 pm
 Sample : A8769103 DF2 AS80007659
 Misc :

Vial: 30
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 05 09:03:46 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

Handwritten: 2) m/sk

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	42637	40.00	ng	0.00	62.57%
20) CI40 Naphthalene-d8	7.57	136	180848	40.00	ng	0.00	61.85%
35) CI50 Acenaphthene-d10	9.80	164	97432	40.00	ng	0.00	54.73%
56) CI60 Phenanthrene-d10	11.52	188	180155	40.00	ng	0.00	65.02%
68) CI70 Chrysene-d12	14.00	240	182502	40.00	ng	0.00	58.30%
78) CI75 Perylene-d12	15.23	264	187762	40.00	ng	0.00	71.54%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.22	112	51870	36.05	ng	0.00	
Spiked Amount 150.000	Range 21 - 110		Recovery =	24.03%			
5) CS45 Phenol-d5	5.49	99	74689	39.97	ng	0.00	
Spiked Amount 150.000	Range 10 - 110		Recovery =	26.65%			
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#			
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#			
21) CS20 Nitrobenzene-d5	6.66	82	39499	24.78	ng	0.00	
Spiked Amount 100.000	Range 34 - 114		Recovery =	24.78%#			
39) CS25 2-Fluorobiphenyl	8.96	172	101732	29.72	ng	0.00	
Spiked Amount 100.000	Range 43 - 116		Recovery =	29.72%#			
59) CS55 2,4,6-Tribromophenol	10.76	330	22373	51.58	ng	0.00	
Spiked Amount 150.000	Range 10 - 123		Recovery =	34.39%			
71) CS30 Terphenyl-d14	13.07	244	156808	36.87	ng	0.00	
Spiked Amount 100.000	Range 33 - 141		Recovery =	36.87%			

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

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Data File : C:\MSDCHEM\1\DATA\070208\W24842.D
 Acq On : 2 Jul 2008 7:28 pm
 Sample : A8769103 DF2 AS80007659
 Misc :

Vial: 30
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 05 09:03:46 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	9.63	152	618	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	0.00	153	0	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	0.00	149	0	N.D.			
54) C620 1,2 diphenylhydrazi	0.00	77	0	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	11.55	178	2607	0.49	ng		68
64) C645 Anthracene	11.61	178	804	N.D.			
65) C647 carbazole	0.00	167	0	N.D.			
66) C650 Di-n-butylphthalate	12.13	149	186	N.D.			
67) C655 Fluoranthene	12.72	202	8237	1.36	ng		82
69) C715 Pyrene	12.93	202	8903	1.61	ng		98
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalat	13.50	149	174	N.D.			
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	13.99	228	7355	1.27	ng		91
75) C735 Chrysene	14.02	228	9225	1.68	ng		93
76) C740 bis(2-Ethylhexyl)phth	13.99	149	2176	0.53	ng		95
77) C760 Di-n-octylphthalate	0.00	149	0	N.D.	d		
78) C765 Benzo[b]fluoranthene	14.90	252	12133m	1.71	ng		89
79) C770 Benzo[k]fluoranthene	14.91	252	5233m	0.78	ng		89
80) C775 Benzo[a]pyrene	15.19	252	8178	1.23	ng		84
81) C780 Indeno[1,2,3-cd]pyren	16.31	276	7870	0.96	ng		91
82) C785 Dibenz[a,h]anthracene	16.31	278	1942	0.27	ng	#	55
83) C790 Benzo[g,h,i]perylene	16.62	276	7745	1.10	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Handwritten: m 8/17/08

Data File : C:\MSDCHEM\1\DATA\070208\W24842.D Vial: 30
 Acq On : 2 Jul 2008 19:28 Operator: AJ
 Sample : A8769103 DF2 AS80007659 Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 11 17:54:31 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

*SS
m/ub*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	42637	40.00	ng	-0.06 87.44%
4) CI40 Naphthalene-d8	7.57	136	180848	40.00	ng	-0.05 92.86%
7) CI50 Acenaphthene-d8	9.80	164	97432	40.00	ng	-0.04 105.68%
10) CI60 Phenanthrene-d10	11.52	188	180155	40.00	ng	-0.04 116.66%
12) CI70 Chrysene-d12	14.00	240	182502	40.00	ng	-0.03 99.65%
13) CI75 Perylene-d12	15.23	264	187762	40.00	ng	-0.04 105.02%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

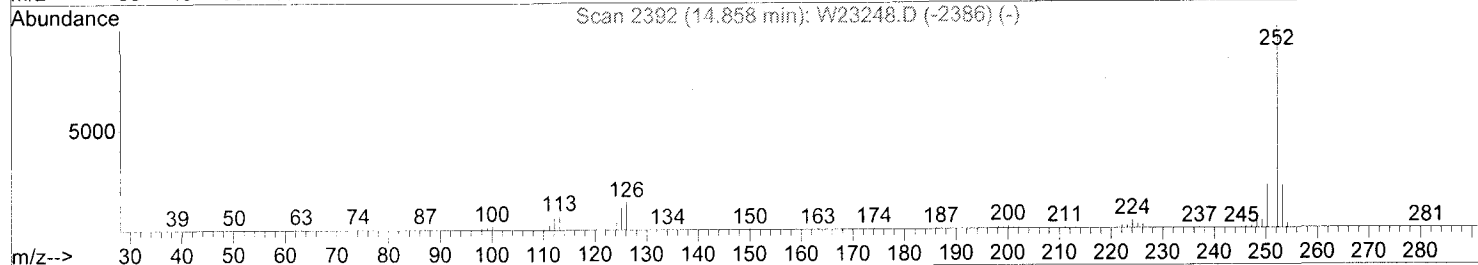
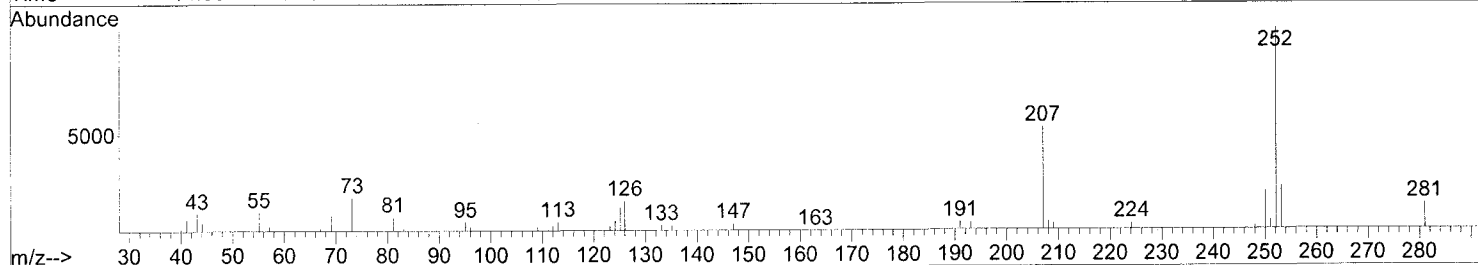
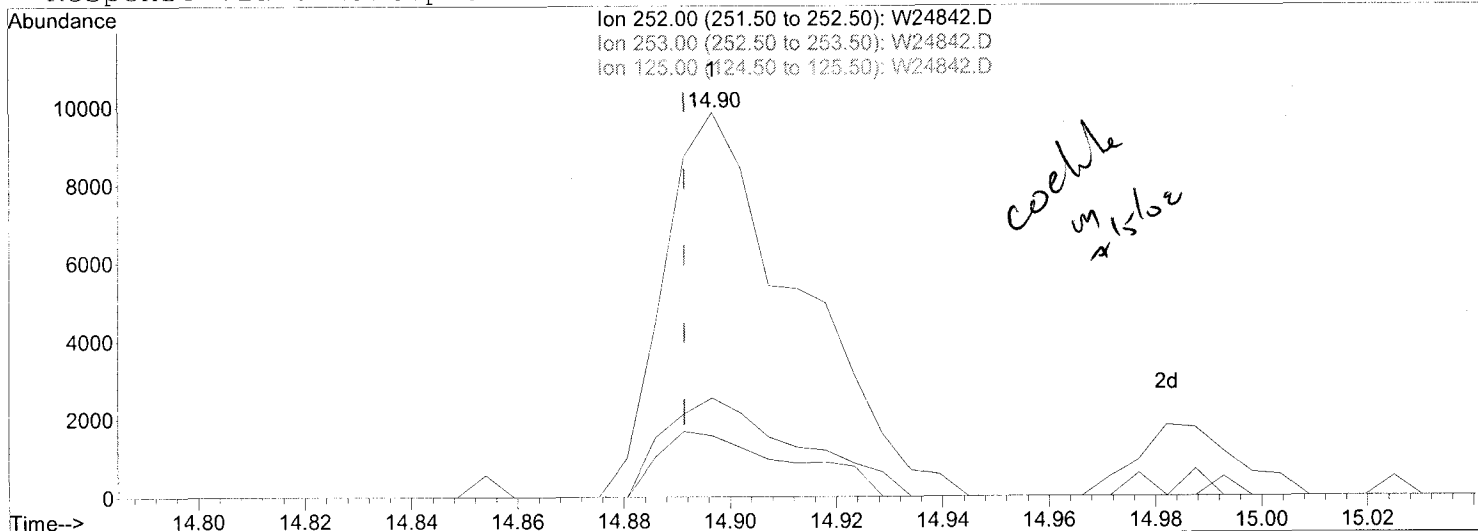
(#) = qualifier out of range (m) = manual integration (+) = signals summed

*mt
P17/11/08*

Data File : C:\MSDCHEM\1\DATA\070208\W24842.D
Acq On : 2 Jul 2008 7:28 pm
Sample : A8769103 DF2 AS80007659
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 03 07:28:17 2008

Vial: 30
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 14:48:35 2008
Response via : Multiple Level Calibration



TIC: W24842.D

(79) C765 Benzo[b]fluoranthene (TC)

14.90min (+0.005) 2.45ng

response 17366

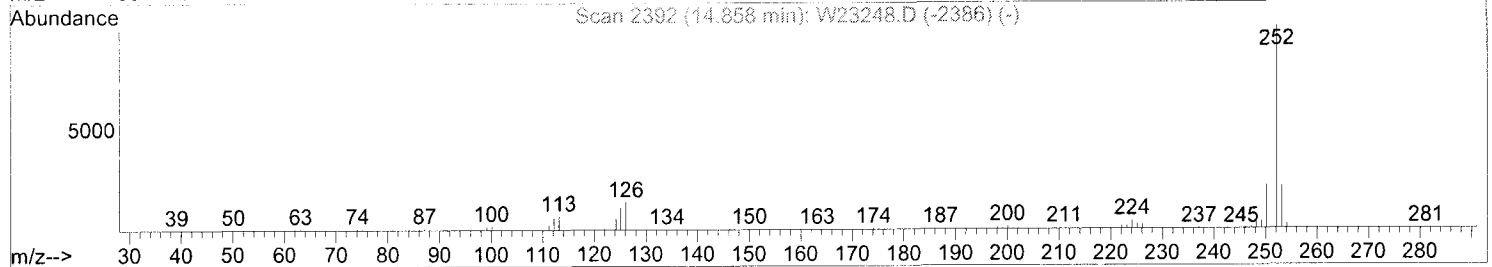
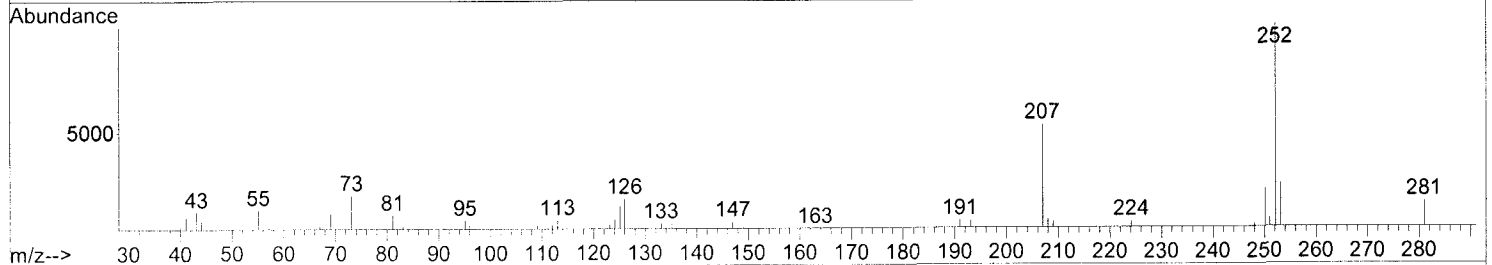
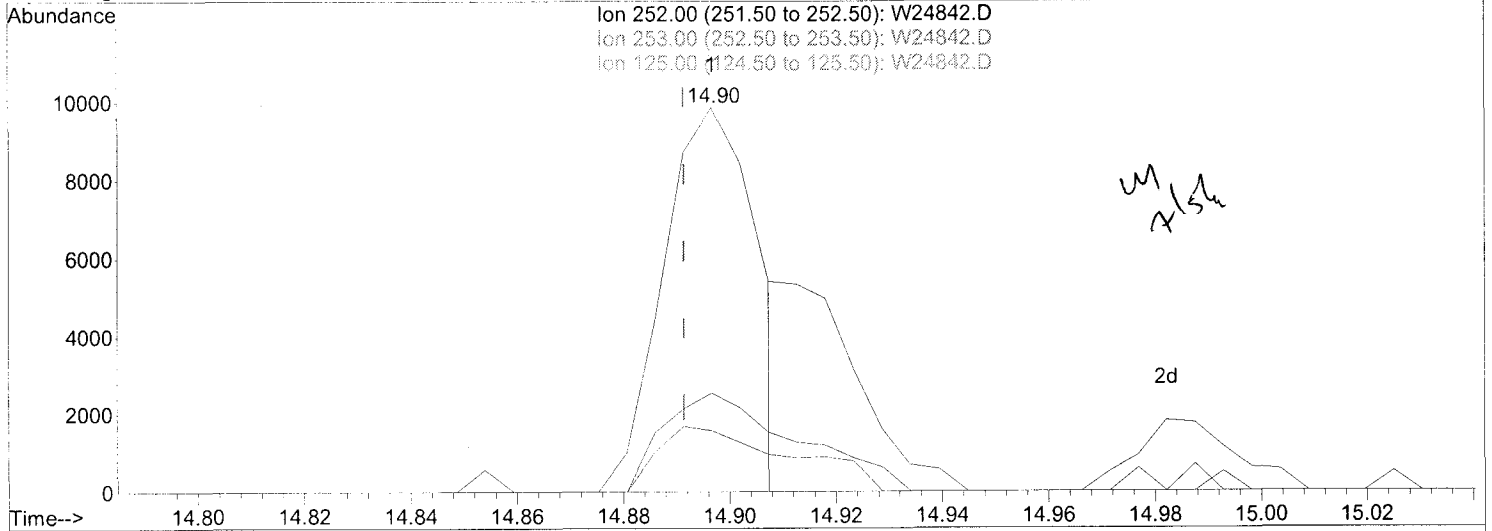
Ion	Exp%	Act%
252.00	100	100
253.00	20.80	25.79
125.00	11.20	15.94
0.00	0.00	0.00

AJ
7/3/08

Data File : C:\MSDCHEM\1\DATA\070208\W24842.D
 Acq On : 2 Jul 2008 7:28 pm
 Sample : A8769103 DF2 AS80007659
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 03 07:28:17 2008

Vial: 30
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response via : Multiple Level Calibration



TIC: W24842.D

(79) C765 Benzo[b]fluoranthene (TC)

14.90min (+0.005) 1.71ng m

response 12133

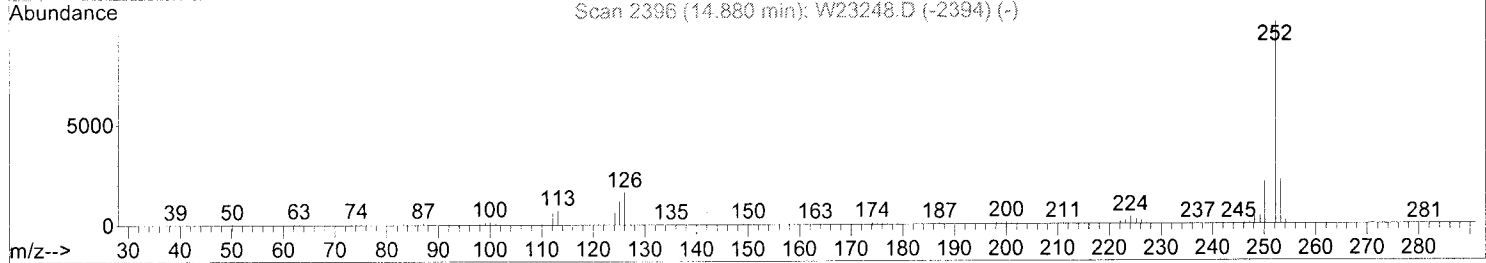
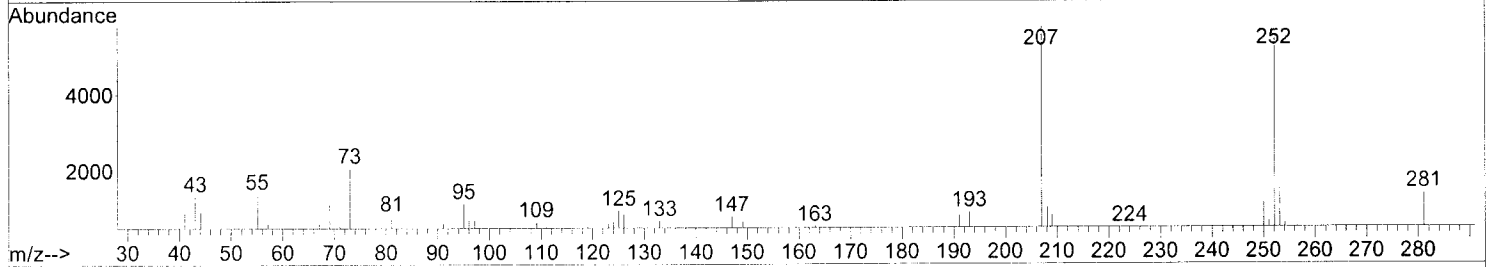
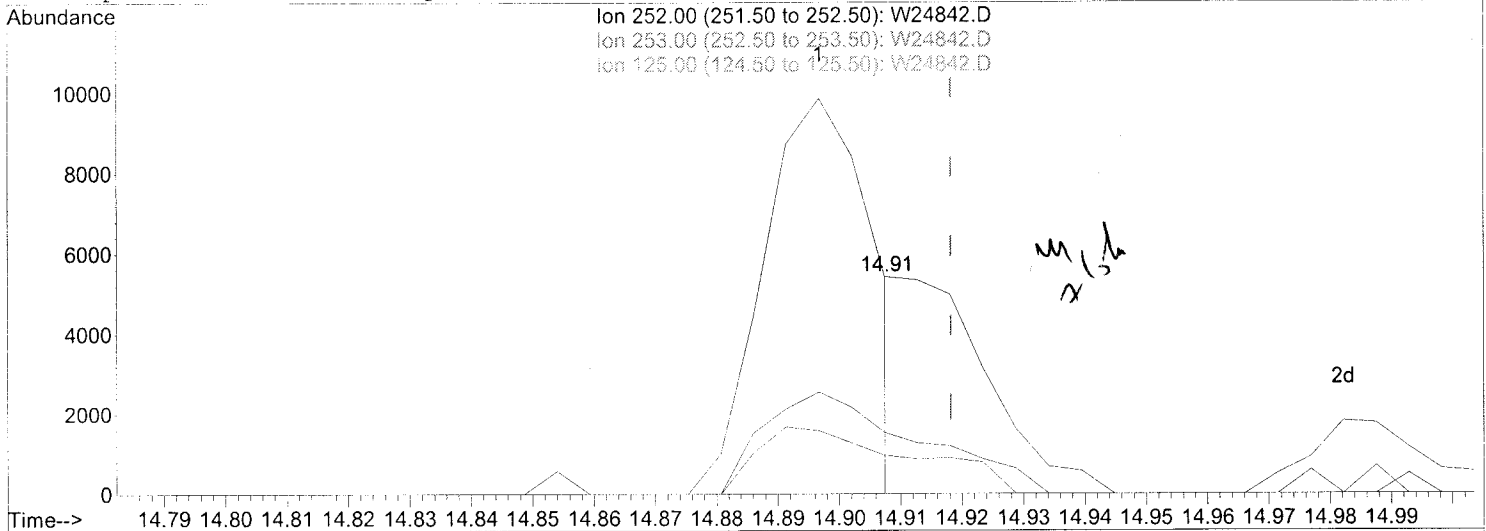
Ion	Exp%	Act%
252.00	100	100
253.00	20.80	25.79
125.00	11.20	15.94
0.00	0.00	0.00

AJ
 7/13/08

Data File : C:\MSDCHEM\1\DATA\070208\W24842.D
Acq On : 2 Jul 2008 7:28 pm
Sample : A8769103 DF2 AS80007659
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 03 07:28:17 2008

Vial: 30
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 14:48:35 2008
Response via : Multiple Level Calibration



TIC: W24842.D

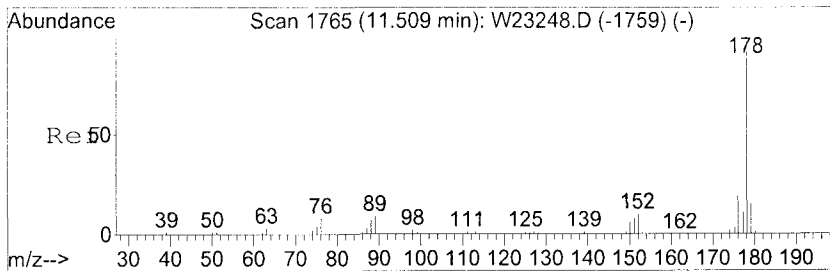
(80) C770 Benzo[k]fluoranthene (TC)

14.91min (-0.011) 0.78ng m

response 5233

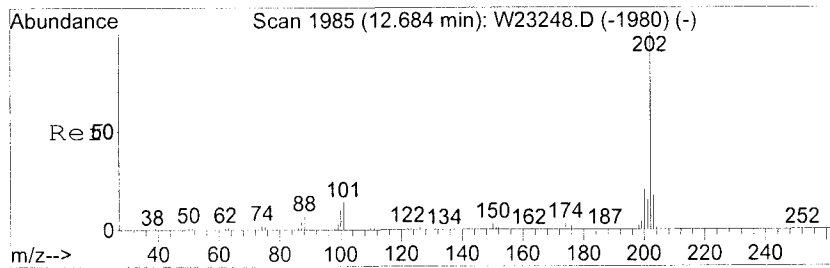
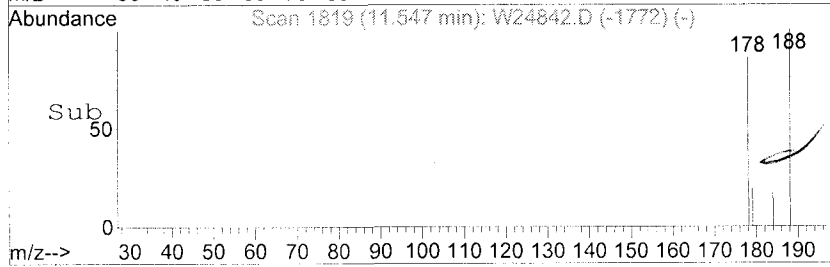
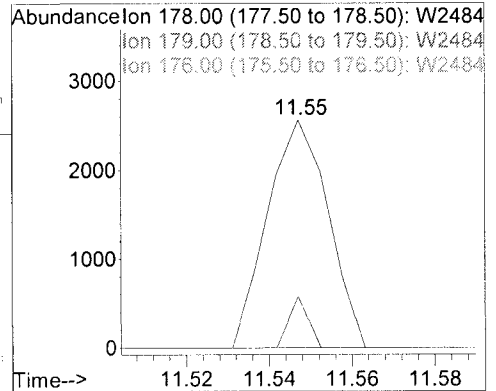
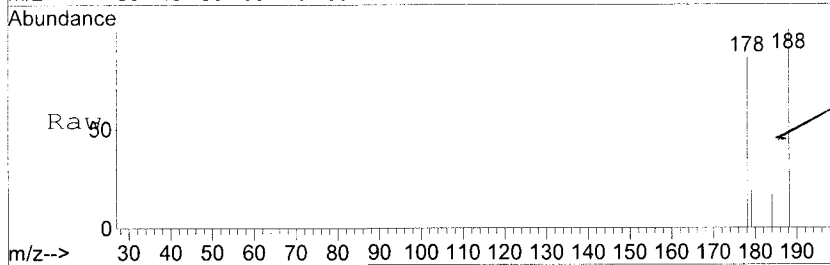
Ion	Exp%	Act%
252.00	100	100
253.00	20.90	28.21
125.00	11.00	17.62
0.00	0.00	0.00

AJ
7/3/08



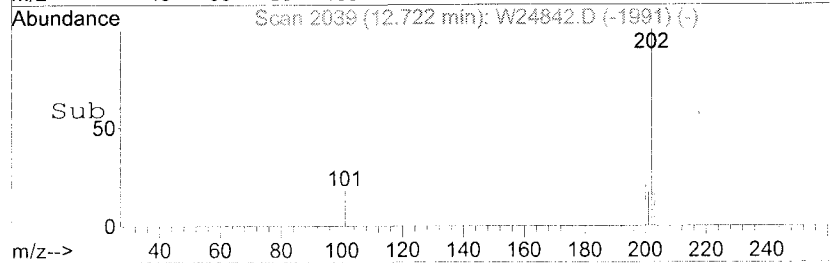
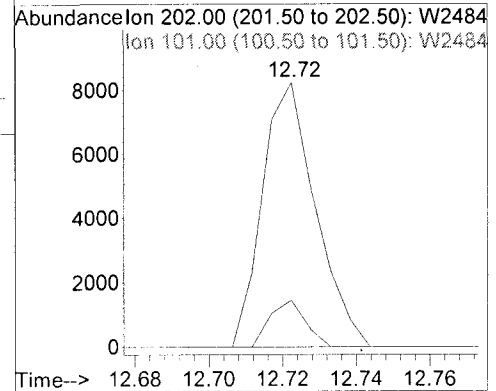
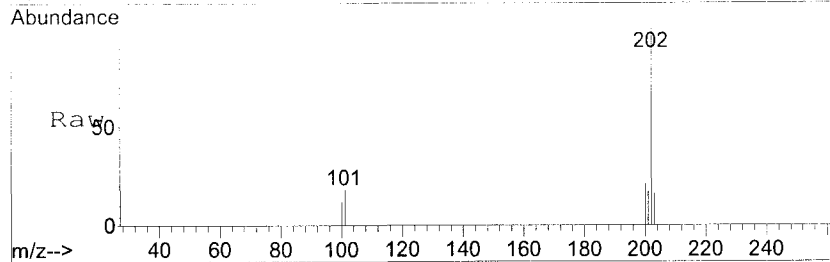
#63
C640 Phenanthrene
Concen: 0.49 ng
RT: 11.55 min Scan# 1819
Delta R.T. -0.00 min
Lab File: W24842.D
Acq: 2 Jul 2008 7:28 pm

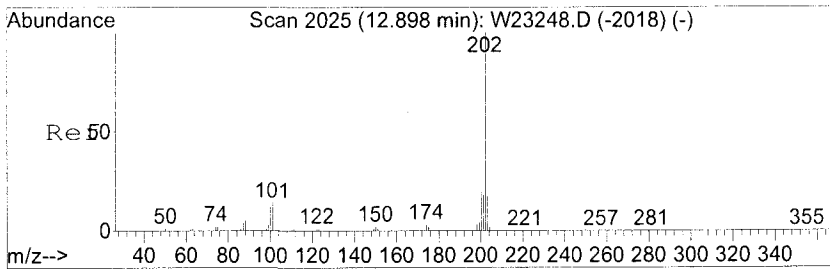
Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.5	0.0	34.3
176	0.0	0.0	38.0



#67
C655 Fluoranthene
Concen: 1.36 ng
RT: 12.72 min Scan# 2039
Delta R.T. 0.01 min
Lab File: W24842.D
Acq: 2 Jul 2008 7:28 pm

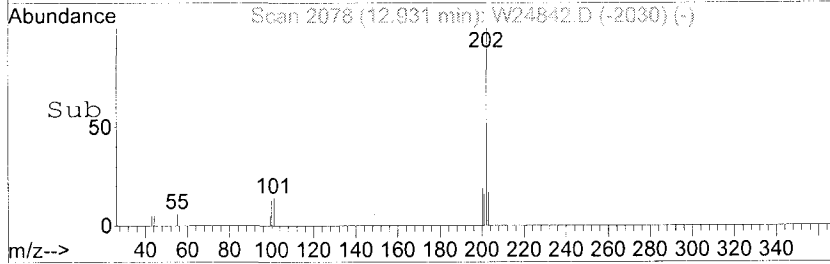
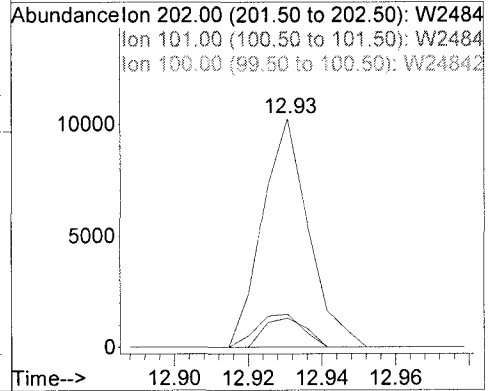
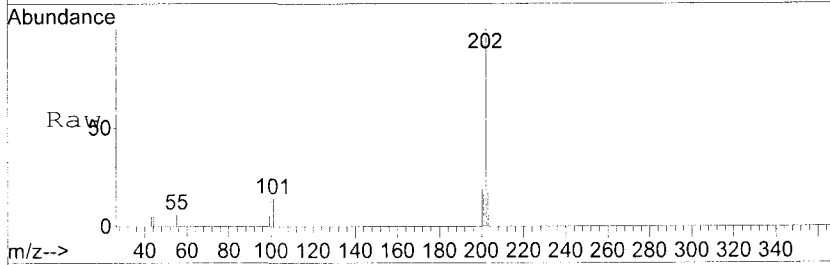
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.5	0.0	30.7





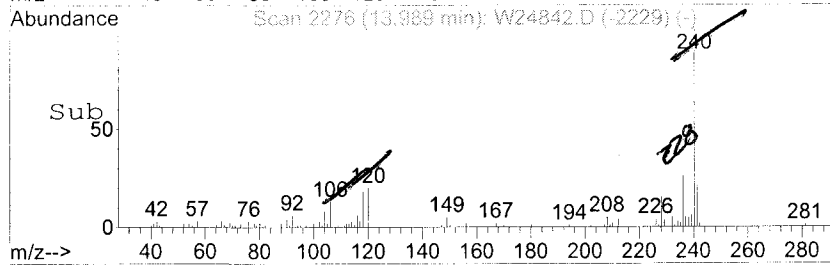
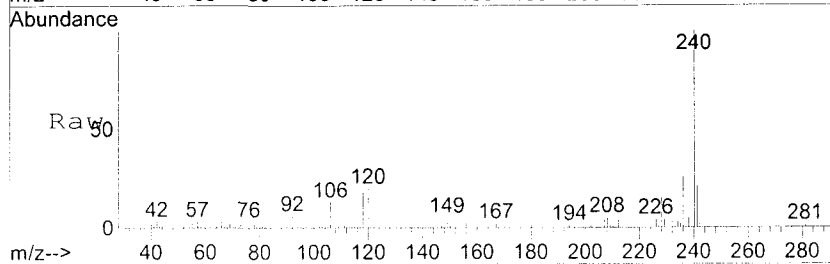
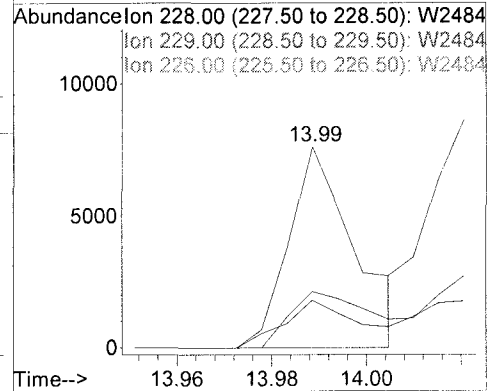
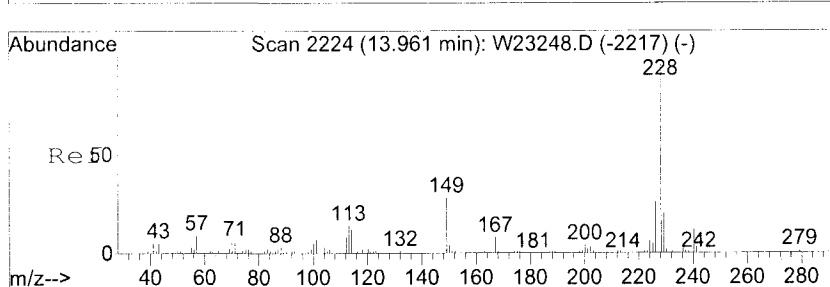
#69
 C715 Pyrene
 Concen: 1.61 ng
 RT: 12.93 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: W24842.D
 Acq: 2 Jul 2008 7:28 pm

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	8903		
101	14.5	0.0	34.3	
100	12.8	0.0	31.1	

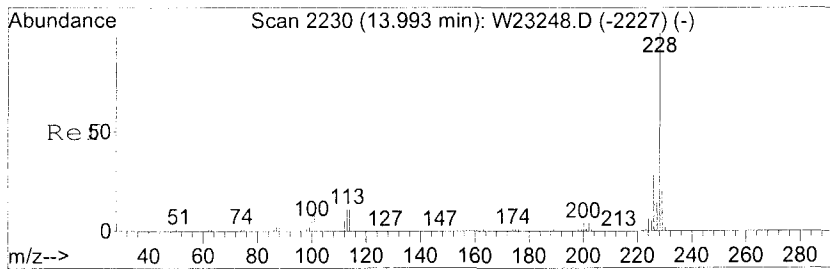


#74
 C730 Benzo[a]anthracene
 Concen: 1.27 ng
 RT: 13.99 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: W24842.D
 Acq: 2 Jul 2008 7:28 pm

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	7355		
229	23.8	0.0	38.8	
226	28.1	4.8	44.8	

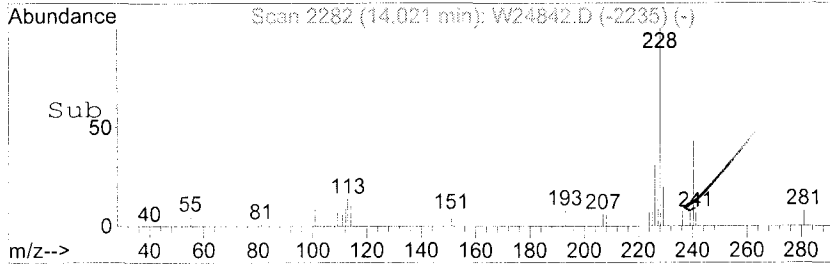
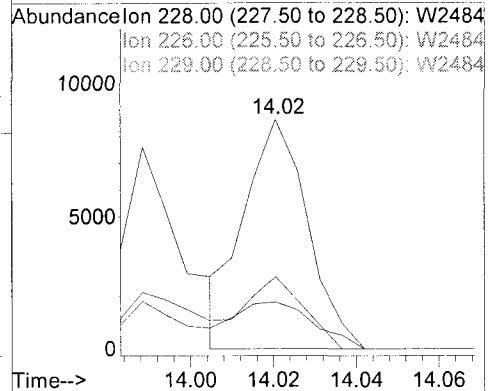
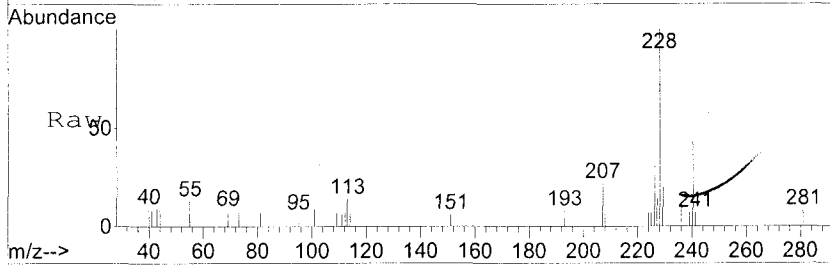


W/SL



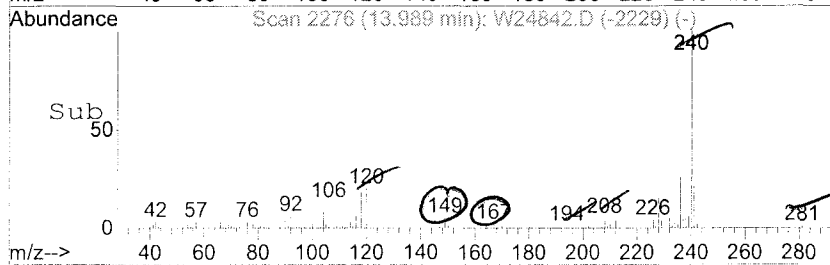
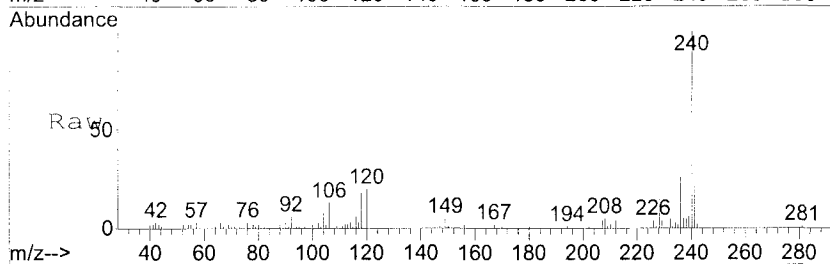
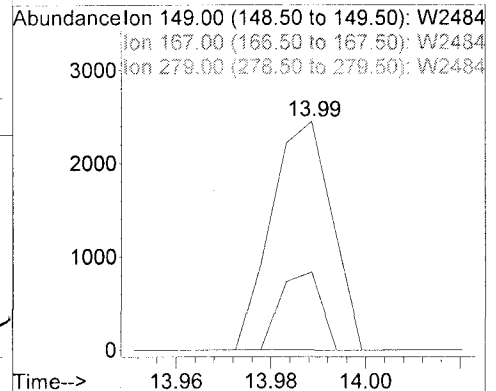
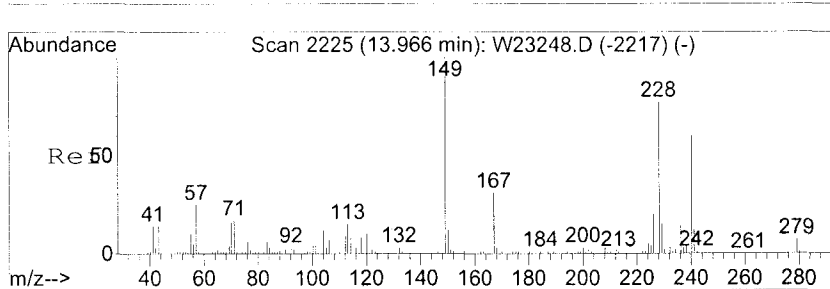
#75
 C735 Chrysene
 Concen: 1.68 ng
 RT: 14.02 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: W24842.D
 Acq: 2 Jul 2008 7:28 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	7.1	47.1
229	20.5	0.0	38.8

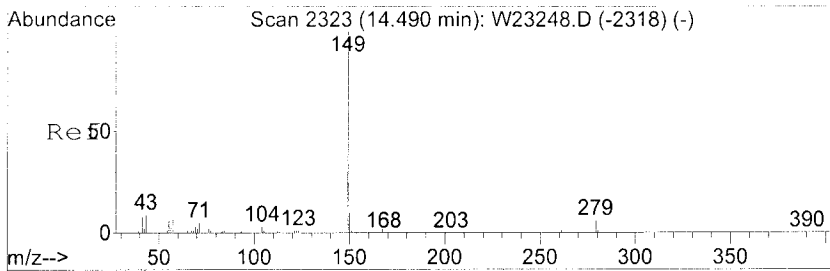


#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 0.53 ng
 RT: 13.99 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: W24842.D
 Acq: 2 Jul 2008 7:28 pm

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.1	13.1	53.1
279	0.0	0.0	27.5

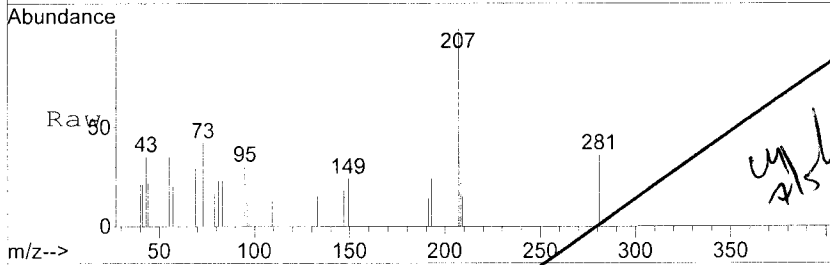


ylsh

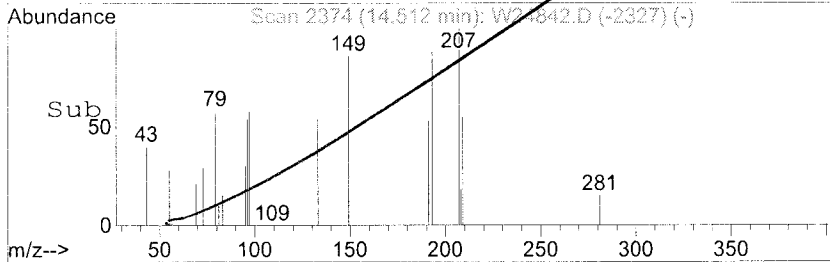
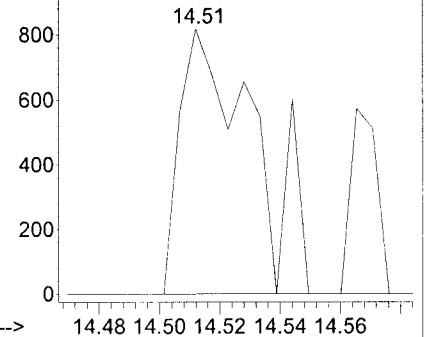


#77
 C760 Di-n-octylphthalate
 Concen: 0.21 ng
 RT: 14.51 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: W24842.D
 Acq: 2 Jul 2008 7:28 pm

Tgt Ion:	149	Resp:	1402
Ion Ratio	100	Lower	Upper
150	0.0	0.0	29.5

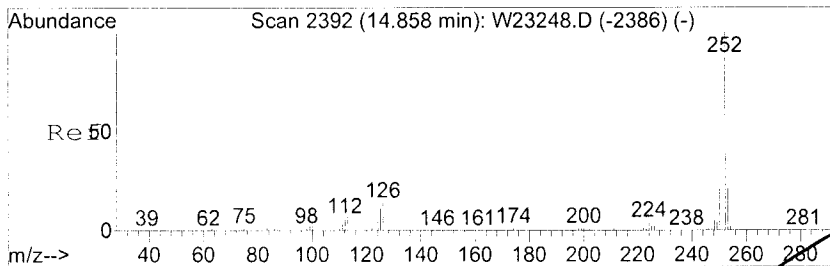


Abundance Ion 149.00 (148.50 to 149.50): W2484
 Ion 150.00 (149.50 to 150.50): W2484

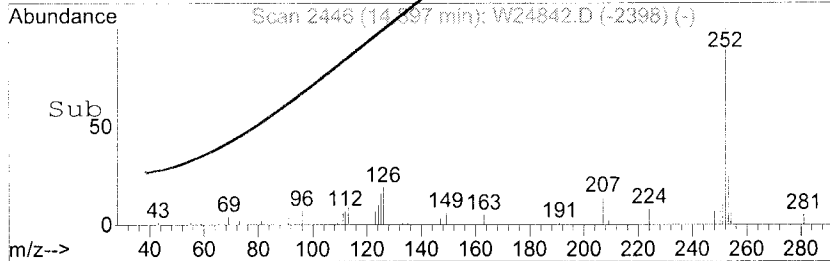
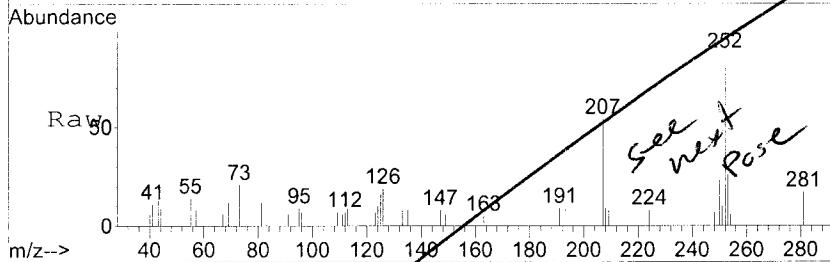
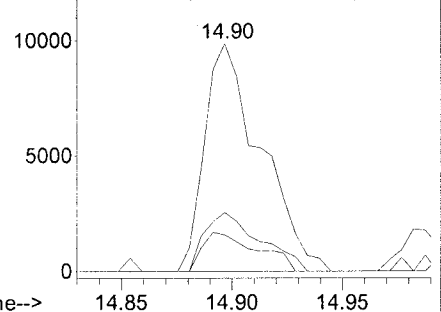


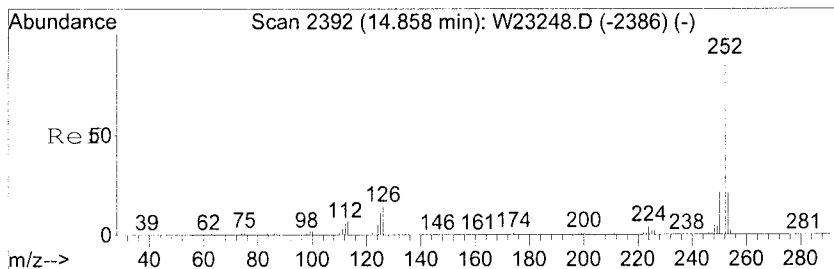
#79
 C765 Benzo[b]fluoranthene
 Concen: 2.45 ng
 RT: 14.90 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: W24842.D
 Acq: 2 Jul 2008 7:28 pm

Tgt Ion:	252	Resp:	17366
Ion Ratio	100	Lower	Upper
253	25.8	0.8	40.8
125	15.9	0.0	31.2



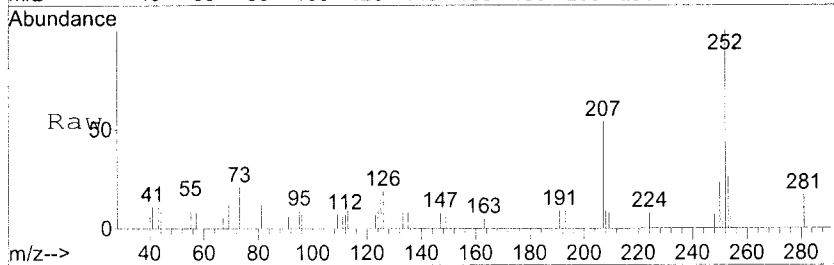
Abundance Ion 252.00 (251.50 to 252.50): W2484
 Ion 253.00 (252.50 to 253.50): W2484
 Ion 125.00 (124.50 to 125.50): W2484



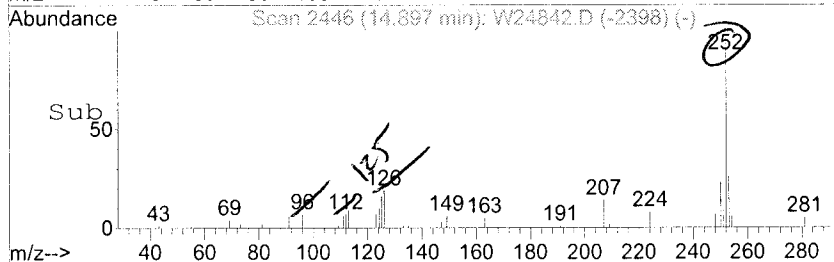
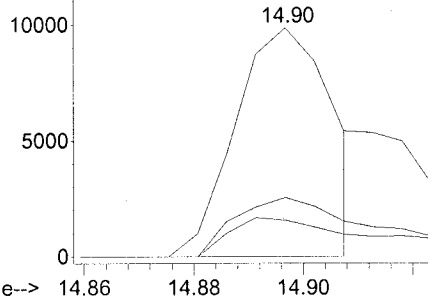


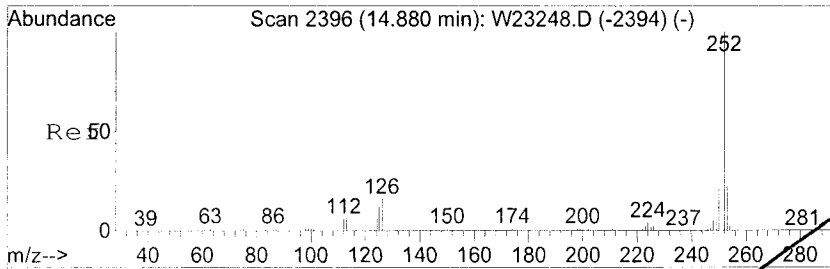
#79
C765 Benzo[b]fluoranthene
Concen: 1.71 ng m
RT: 14.90 min Scan# 2446
Delta R.T. 0.01 min
Lab File: W24842.D
Acq: 2 Jul 2008 7:28 pm

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.8	40.8
125	15.9	0.0	31.2



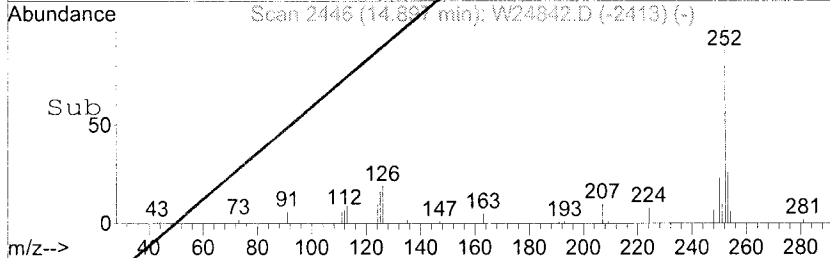
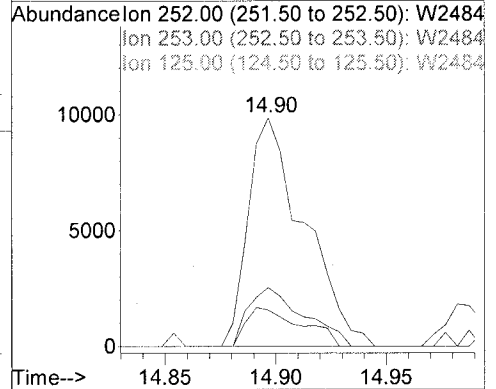
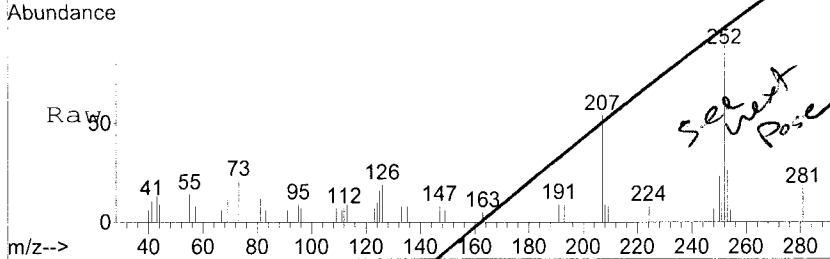
Abundance Ion 252.00 (251.50 to 252.50): W2484
Ion 253.00 (252.50 to 253.50): W2484
Ion 125.00 (124.50 to 125.50): W2484





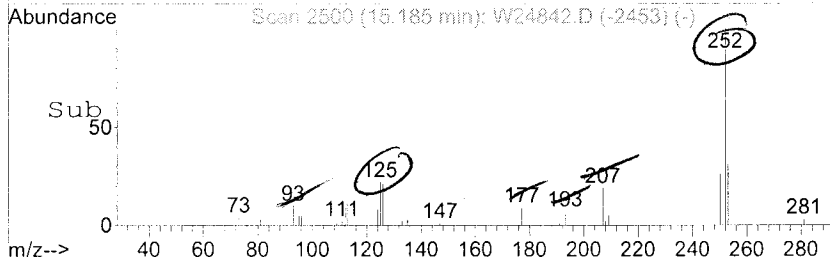
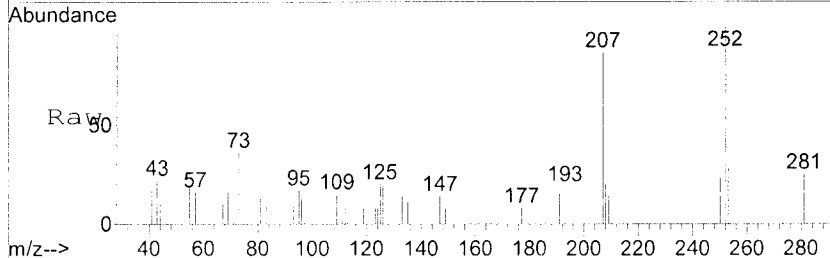
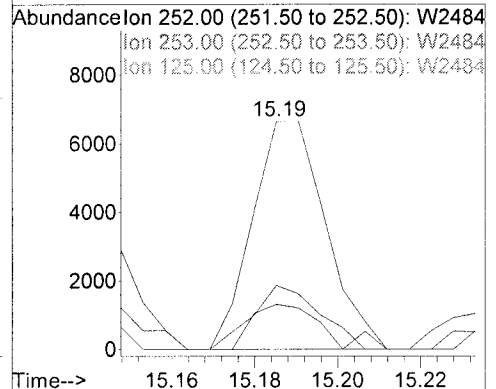
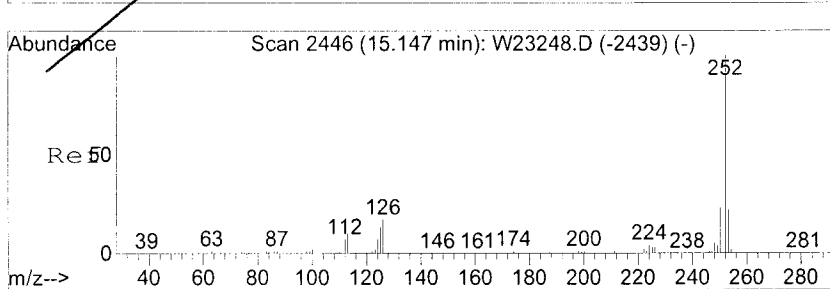
#80
 C770 Benzo[k]fluoranthene
 Concen: 2.58 ng
 RT: 14.90 min Scan# 2446
 Delta R.T. -0.02 min
 Lab File: W24842.D
 Acq: 2 Jul 2008 7:28 pm

Tgt Ion	Resp	Lower	Upper
252	17366		
253	25.8	0.9	40.9
125	15.9	0.0	31.0

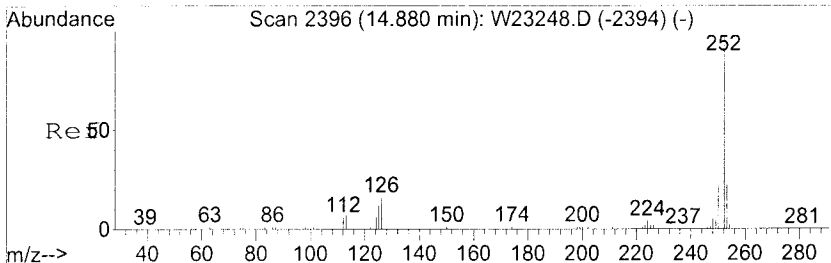


#81
 C775 Benzo[a]pyrene
 Concen: 1.23 ng
 RT: 15.19 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: W24842.D
 Acq: 2 Jul 2008 7:28 pm

Tgt Ion	Resp	Lower	Upper
252	8178		
253	28.1	0.9	40.9
125	19.8	0.0	33.4

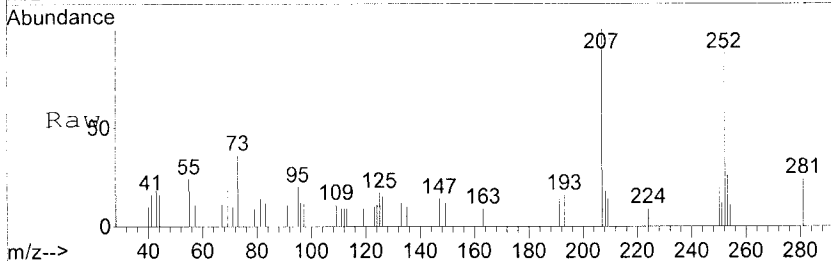


WJL

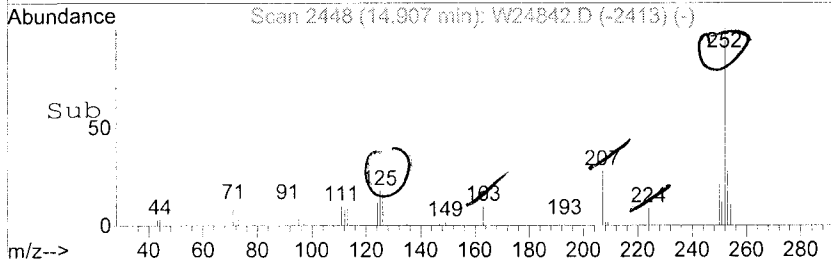
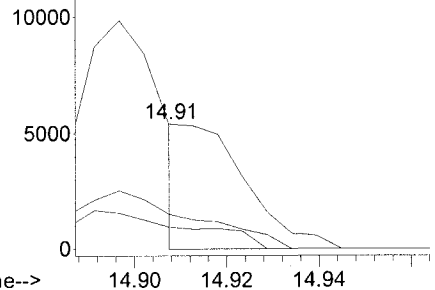


#80
C770 Benzo[k]fluoranthene
Concen: 0.78 ng m
RT: 14.91 min Scan# 2448
Delta R.T. -0.01 min
Lab File: W24842.D
Acq: 2 Jul 2008 7:28 pm

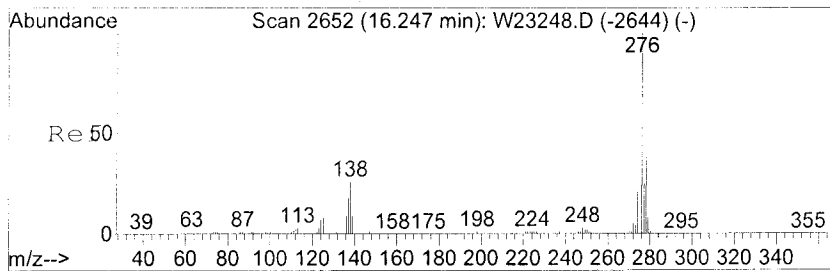
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.9	40.9
125	17.6	0.0	31.0



Abundance Ion 252.00 (251.50 to 252.50): W2484
Ion 253.00 (252.50 to 253.50): W2484
Ion 125.00 (124.50 to 125.50): W2484

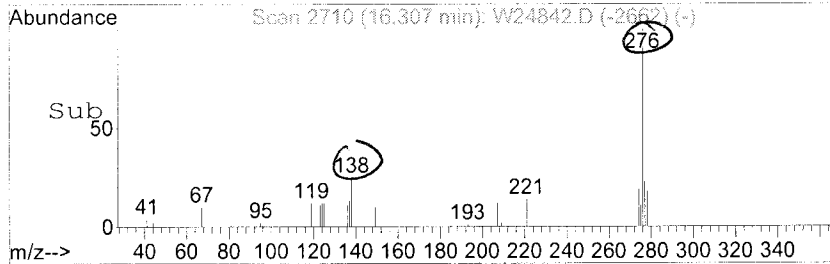
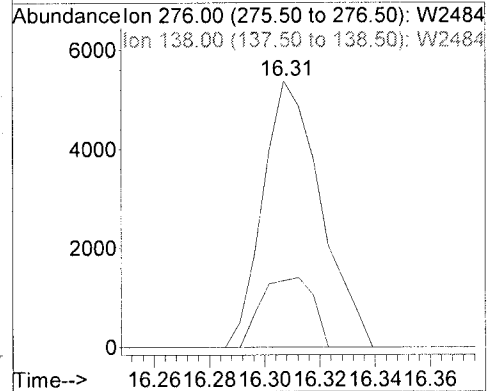
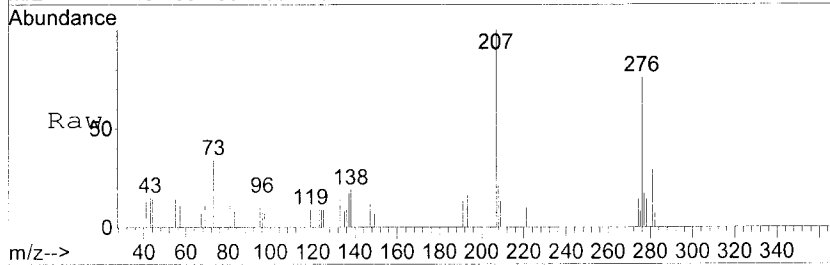


Handwritten signature



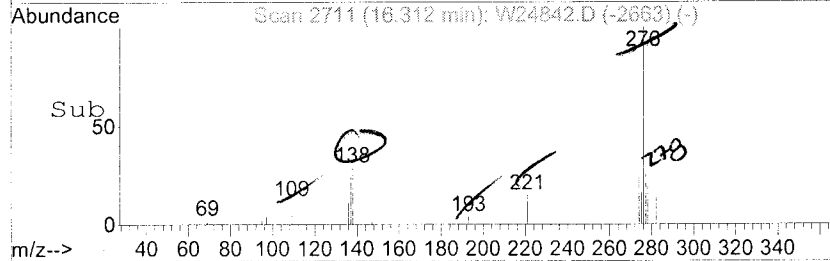
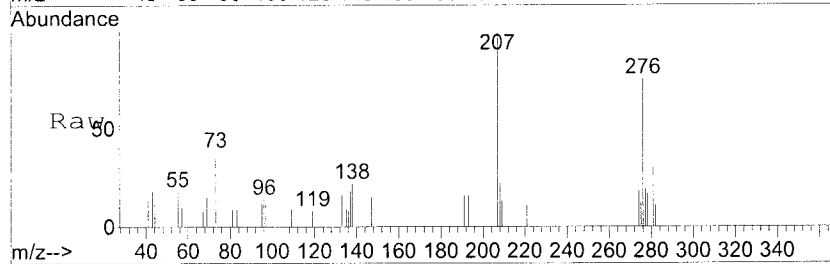
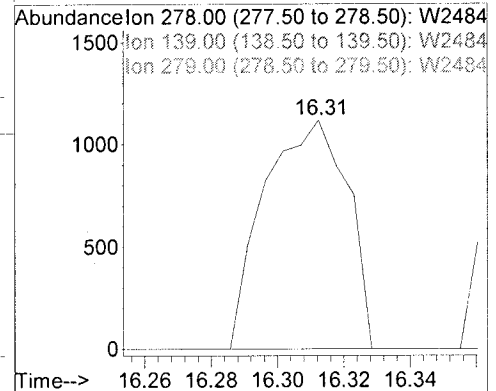
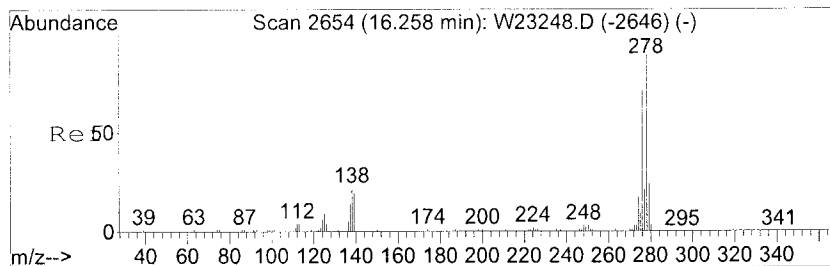
#82
 C780 Indeno[1,2,3-cd]pyrene
 Concen: 0.96 ng
 RT: 16.31 min Scan# 2710
 Delta R.T. 0.01 min
 Lab File: W24842.D
 Acq: 2 Jul 2008 7:28 pm

Tgt Ion:	276	Resp:	7870
Ion Ratio	100	Lower	Upper
276	100		
138	25.1	10.1	50.1

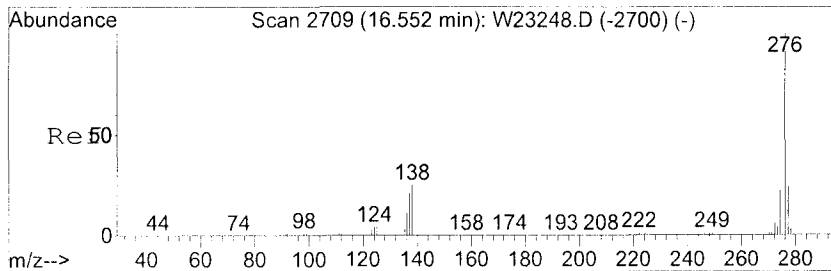


#83
 C785 Dibenz[a,h]anthracene
 Concen: 0.27 ng
 RT: 16.31 min Scan# 2711
 Delta R.T. 0.01 min
 Lab File: W24842.D
 Acq: 2 Jul 2008 7:28 pm

Tgt Ion:	278	Resp:	1942
Ion Ratio	100	Lower	Upper
278	100		
139	0.0	0.0	39.0
279	0.0	2.5	42.5#

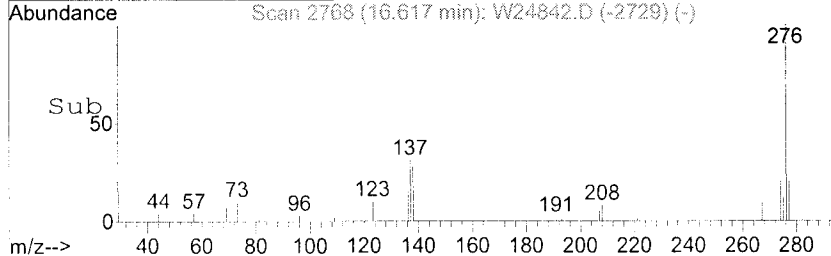
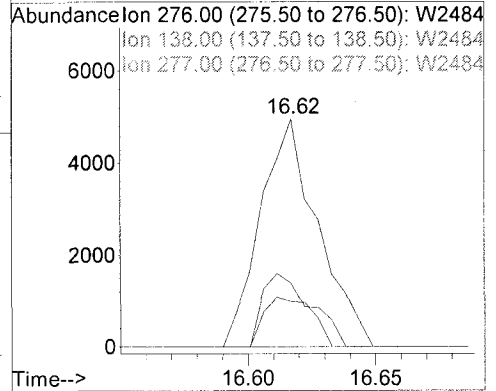
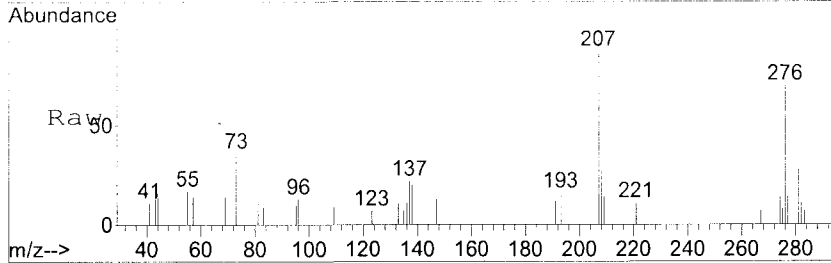


4/15/08



#84
C790 Benzo[g,h,i]perylene
Concen: 1.10 ng
RT: 16.62 min Scan# 2768
Delta R.T. 0.01 min
Lab File: W24842.D
Acq: 2 Jul 2008 7:28 pm

Tgt Ion	Resp	Lower	Upper
276	7745		
Ion Ratio	100		
138	28.0	7.8	47.8
277	19.9	3.7	43.7



Data File : C:\MSDCHEM\1\DATA\070208\W24842.D
 Acq On : 2 Jul 2008 19:28
 Sample : A8769103 DF2 AS80007659
 Misc :
 MS Integration Params: LSCINT.P

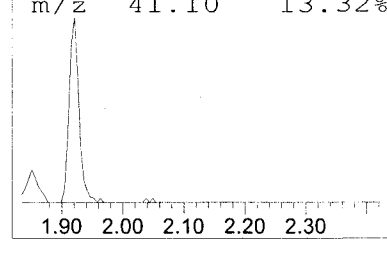
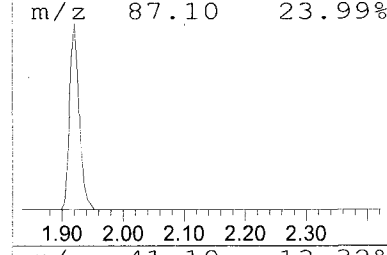
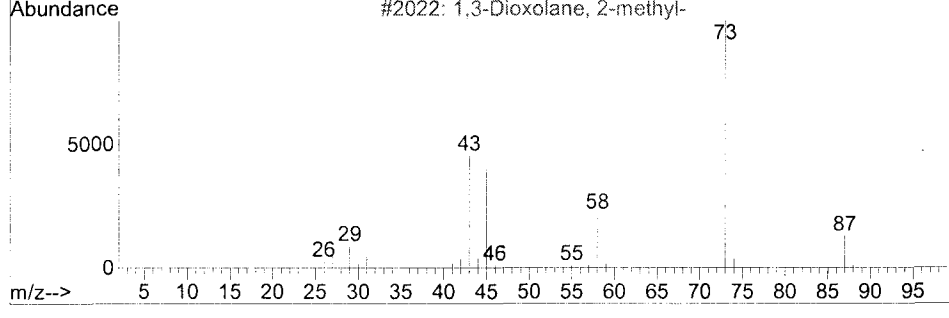
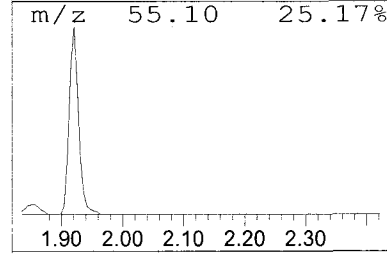
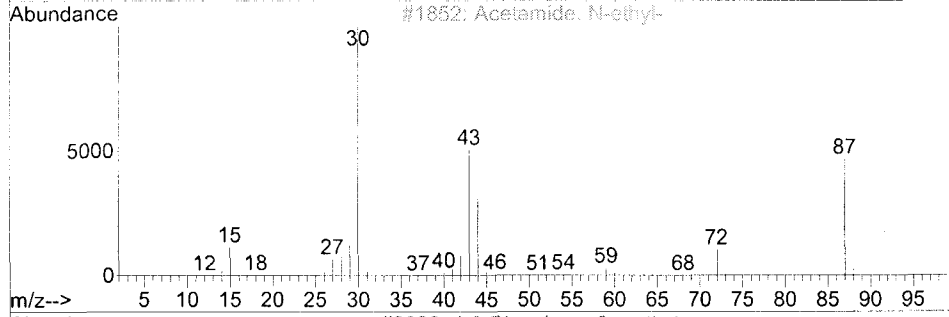
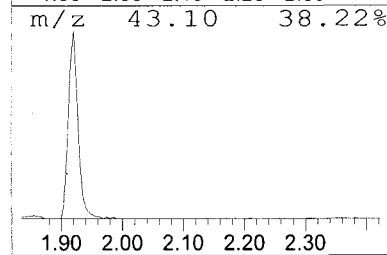
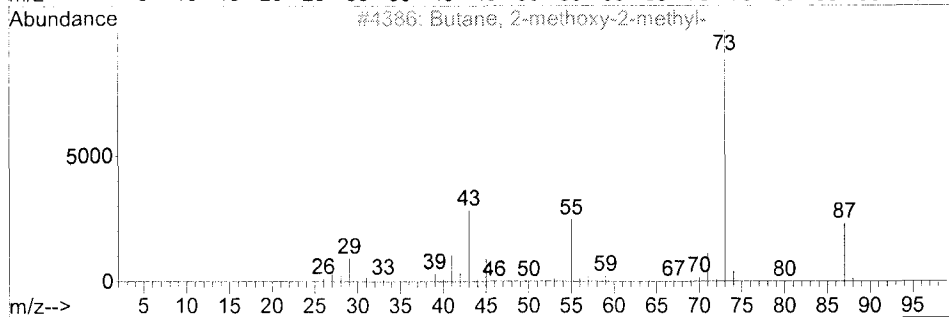
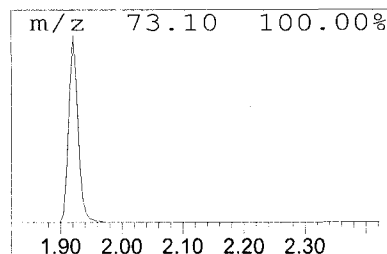
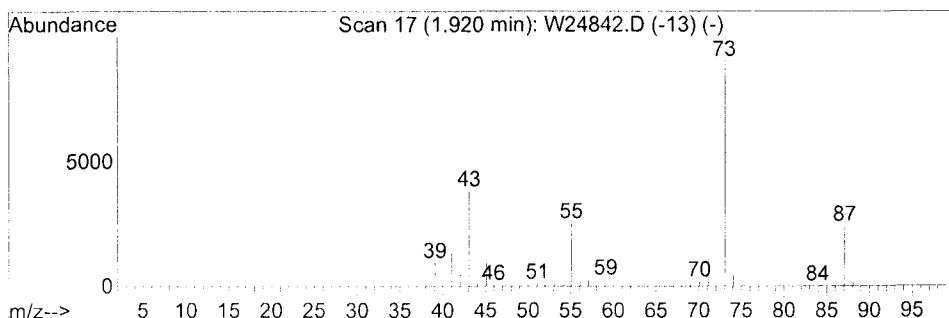
Vial: 30
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.92	78.88 ng	520122	CI30 1,4-Dichloro	263748	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83 •
2			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Data File : C:\MSDCHEM\1\DATA\070208\W24842.D
Acq On : 2 Jul 2008 19:28
Sample : A8769103 DF2 AS80007659
Misc :
MS Integration Params: LSCINT.P

Vial: 30
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Concl
Butane, 2-methoxy...	1.92	78.9	ng	520122	1	5.93	263748	40.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769104Sample wt/vol: 30.74 (g/mL) G Lab File ID: W24843.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene		200	U
208-96-8-----	Acenaphthylene		22	J
98-86-2-----	Acetophenone		390	
120-12-7-----	Anthracene		10	J
1912-24-9-----	Atrazine		200	U
100-52-7-----	Benzaldehyde		200	U
56-55-3-----	Benzo (a) anthracene		9	J
205-99-2-----	Benzo (b) fluoranthene		200	U
207-08-9-----	Benzo (k) fluoranthene		200	U
191-24-2-----	Benzo (ghi) perylene		200	U
50-32-8-----	Benzo (a) pyrene		200	U
92-52-4-----	Biphenyl		200	U
111-91-1-----	Bis (2-chloroethoxy) methane		200	U
111-44-4-----	Bis (2-chloroethyl) ether		200	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		200	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		200	U
101-55-3-----	4-Bromophenyl phenyl ether		200	U
85-68-7-----	Butyl benzyl phthalate		200	U
105-60-2-----	Caprolactam		2900	
106-47-8-----	4-Chloroaniline		200	U
59-50-7-----	4-Chloro-3-methylphenol		200	U
91-58-7-----	2-Chloronaphthalene		200	U
95-57-8-----	2-Chlorophenol		200	U
7005-72-3-----	4-Chlorophenyl phenyl ether		200	U
86-74-8-----	Carbazole		200	U
218-01-9-----	Chrysene		30	BJ
53-70-3-----	Dibenzo (a, h) anthracene		200	U
132-64-9-----	Dibenzofuran		200	U
84-74-2-----	Di-n-butyl phthalate		200	U
91-94-1-----	3,3'-Dichlorobenzidine		200	U
120-83-2-----	2,4-Dichlorophenol		200	U
84-66-2-----	Diethyl phthalate		200	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769104Sample wt/vol: 30.74 (g/mL) G Lab File ID: W24843.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

105-67-9-----	2,4-Dimethylphenol	200	U
131-11-3-----	Dimethyl phthalate	200	U
534-52-1-----	4,6-Dinitro-2-methylphenol	380	U
51-28-5-----	2,4-Dinitrophenol	380	U
121-14-2-----	2,4-Dinitrotoluene	200	U
606-20-2-----	2,6-Dinitrotoluene	200	U
117-84-0-----	Di-n-octyl phthalate	200	U
206-44-0-----	Fluoranthene	200	U
86-73-7-----	Fluorene	200	U
118-74-1-----	Hexachlorobenzene	200	U
87-68-3-----	Hexachlorobutadiene	200	U
77-47-4-----	Hexachlorocyclopentadiene	200	U
67-72-1-----	Hexachloroethane	200	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	200	U
78-59-1-----	Isophorone	200	U
91-57-6-----	2-Methylnaphthalene	200	U
95-48-7-----	2-Methylphenol	200	U
106-44-5-----	4-Methylphenol	200	U
91-20-3-----	Naphthalene	24	J
88-74-4-----	2-Nitroaniline	380	U
99-09-2-----	3-Nitroaniline	380	U
100-01-6-----	4-Nitroaniline	380	U
98-95-3-----	Nitrobenzene	200	U
88-75-5-----	2-Nitrophenol	200	U
100-02-7-----	4-Nitrophenol	380	U
86-30-6-----	N-nitrosodiphenylamine	120	J
621-64-7-----	N-Nitroso-Di-n-propylamine	200	U
87-86-5-----	Pentachlorophenol	380	U
85-01-8-----	Phenanthrene	130	J
108-95-2-----	Phenol	200	U
129-00-0-----	Pyrene	200	U
95-95-4-----	2,4,5-Trichlorophenol	200	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769104

Sample wt/vol: 30.74 (g/mL) G Lab File ID: W24843.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008

% Moisture: 16 decanted: (Y/N) N Date Extracted: 07/01/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

88-06-2-----	2,4,6-Trichlorophenol	200	U
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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-052/6-8 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769104Sample wt/vol: 30.74 (g/mL) G Lab File ID: W24843.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 06/27/2008% Moisture: 15.8 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

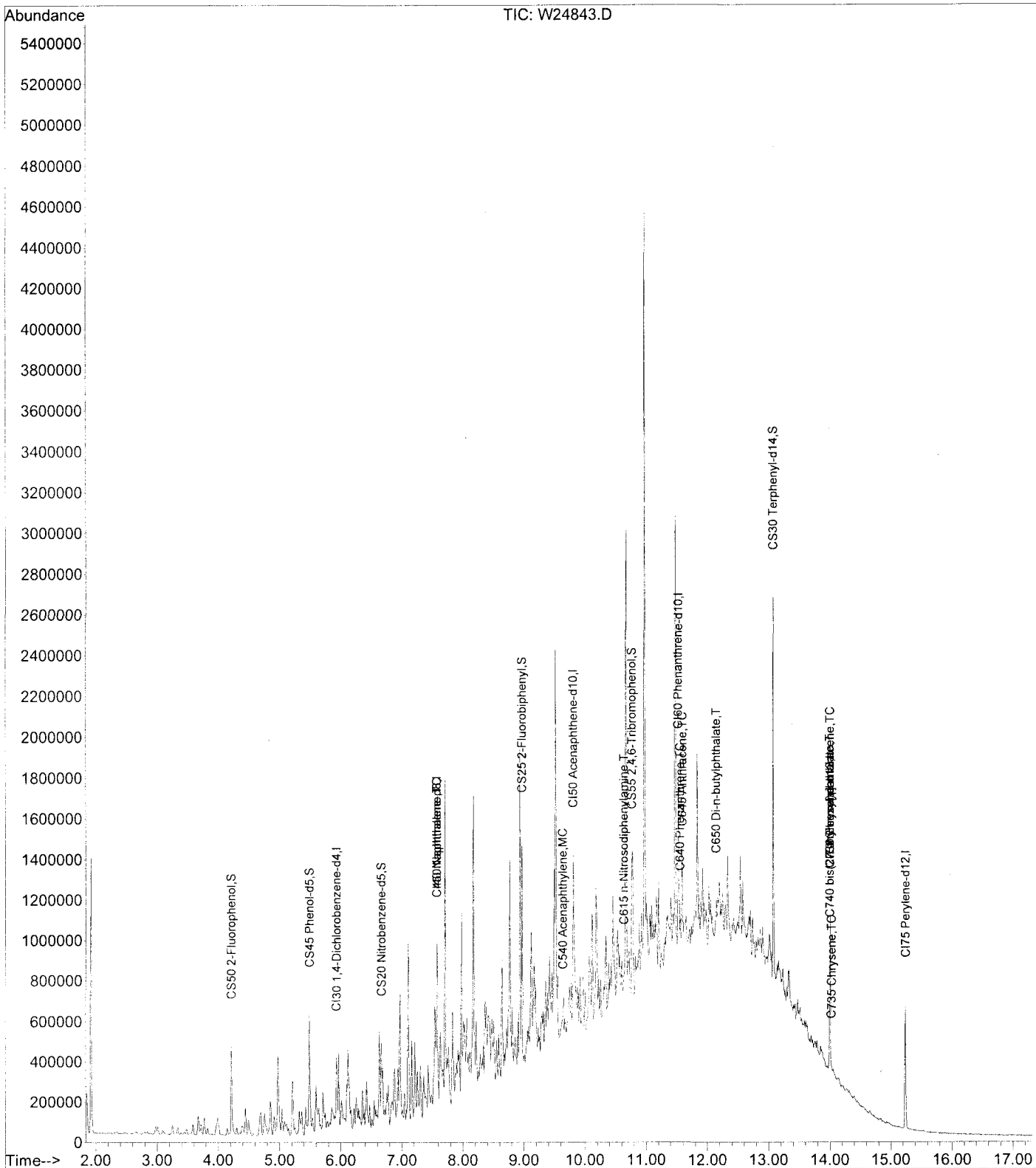
Number TICs found: 20

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.92	6000	BJ
2.	UNKNOWN	4.84	1000	J
3.	UNKNOWN	4.97	2300	J
4.	UNKNOWN	5.21	1800	J
5.	4291-80-9 CYCLOHEXANE, 1-METHYL-3-PROP	5.59	1600	JN
6.	1678-93-9 CYCLOHEXANE, BUTYL-	6.11	1600	JN
7.	493-02-7 NAPHTHALENE, DECAHYDRO-, TRA	6.42	1400	JN
8.	95-93-2 BENZENE, 1,2,4,5-TETRAMETHYL	6.96	1300	JN
9.	4292-92-6 CYCLOHEXANE, PENTYL	7.10	1800	JN
10.	17301-23-4 UNDECANE, 2,6-DIMETHYL	7.70	2300	JN
11.	UNKNOWN	7.82	1300	J
12.	4292-75-5 CYCLOHEXANE, HEXYL	7.97	1500	JN
13.	26730-14-3 TRIDECANE, 7-METHYL	8.17	2800	JN
14.	13065-07-1 NAPHTHALENE, 1,2,3,4-TETRAHY	8.63	1300	JN
15.	5617-41-4 HEPTYLCYCLOHEXANE	8.76	1300	JN
16.	544-76-3 HEXADECANE	9.51	1800	JN
17.	2883-02-5 N-NONYLCYCLOHEXANE	10.17	1200	JN
18.	54105-67-8 HEPTADECANE, 2,6-DIMETHYL	10.97	6200	JN
19.	55045-09-5 TRIDECANE, 7-PROPYL-	11.83	1300	JN
20.	629-62-9 PENTADECANE	12.32	1000	JN

Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 7:51 pm
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: rteint.p

Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 05 09:52:36 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 7:51 pm
 Sample : A8769104 AS80007660
 Misc :

Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 05 09:52:36 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

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ml
A

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	44022	40.00	ng	0.00	64.60%
20) CI40 Naphthalene-d8	7.57	136	198976	40.00	ng	0.00	68.05%
35) CI50 Acenaphthene-d10	9.80	164	103664	40.00	ng	0.00	58.23%
56) CI60 Phenanthrene-d10	11.52	188	222165	40.00	ng	0.00	80.18%
68) CI70 Chrysene-d12	14.00	240	228598	40.00	ng	0.00	73.03%
78) CI75 Perylene-d12	15.23	264	216703	40.00	ng	0.00	82.57%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.21	112	159707	99.73	ng	0.00	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	66.49%	
5) CS45 Phenol-d5	5.49	99	221601	114.87	ng	0.00	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	76.58%	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	6.15	152	162	0.15	ng	0.02	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.15%#	
21) CS20 Nitrobenzene-d5	6.66	82	133865	76.32	ng	0.00	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	76.32%	
39) CS25 2-Fluorobiphenyl	8.97	172	367371	100.86	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	100.86%	
59) CS55 2,4,6-Tribromophenol	10.76	330	67144	117.42	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	78.28%	
71) CS30 Terphenyl-d14	13.07	244	458242	86.01	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	86.01%	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	5.71	93	180	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.	d	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	d	
19) C365 4-Methylphenol	0.00	108	0	N.D.	d	
22) C410 Nitrobenzene	0.00	77	0	N.D.	d	
23) C415 Isophorone	0.00	82	0	N.D.	d	
24) C430 benzoic acid	7.42	122	178	Below Cal	#	1
25) C420 2-Nitrophenol	0.00	139	0	N.D.	d	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	d	
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.	d	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	d	

8/7/2008

Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 7:51 pm
 Sample : A8769104 AS80007660
 Misc :

Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 05 09:52:36 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

5)
M (5)
α

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.	d		
30) C450 Naphthalene	7.58	128	3372	0.61	ng	#	1
31) C455 4-Chloroaniline	0.00	127	0	N.D.	d		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	8.34	107	214	N.D.			
34) C470 2-Methylnaphthalene	8.47	142	654	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophenol	8.87	196	1398	Below Cal		#	13
38) C520 2,4,5-Trichlorophenol	8.89	196	411	Below Cal		#	13
40) C525 2-Chloronaphthalene	9.20	162	519	Below Cal		#	1
41) C530 2-Nitroaniline	9.24	65	1769	Below Cal		#	1
42) C540 Acenaphthylene	9.63	152	2840	0.57	ng	#	30
43) C535 Dimethylphthalate	0.00	163	0	N.D.	d		
44) C542 2,6-Dinitrotoluene	9.54	165	1620	Below Cal		#	35
45) C550 Acenaphthene	0.00	153	0	N.D.	d		
46) C545 3-Nitroaniline	9.77	138	792	Below Cal		#	32
47) C555 2,4-Dinitrophenol	10.12	184	698	Below Cal		#	1
48) C565 Dibenzofuran	10.00	168	2994	Below Cal			99
49) C570 2,4-Dinitrotoluene	10.12	165	3010	Below Cal		#	1
50) C560 4-Nitrophenol	0.00	109	0	N.D.	d		
51) C590 Fluorene	10.48	166	4106	Below Cal			82
52) C585 4-Chlorophenyl phenyl	10.47	204	1765	Below Cal		#	30
53) C580 Diethylphthalate	10.36	149	693	N.D.			
54) C620 1,2-diphenylhydrazine	10.67	77	3340	Below Cal		#	1
55) C595 4-Nitroaniline	10.76	138	1049	Below Cal		#	4
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	d		
58) C615 n-Nitrosodiphenylamin	10.63	169	9890	3.19	ng	#	38
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	d		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.	d		
63) C640 Phenanthrene	11.55	178	21901	3.37	ng		85
64) C645 Anthracene	11.60	178	1646	0.25	ng	#	1
65) C647 carbazole	0.00	167	0	N.D.	d		
66) C650 Di-n-butylphthalate	12.13	149	2575	0.33	ng		88
67) C655 Fluoranthene	0.00	202	0	N.D.	d		
69) C715 Pyrene	12.93	202	1338	N.D.			
70) C710 benzidine	12.58	184	567	Below Cal			58
72) C720 Butylbenzylphthalat	13.48	149	327	N.D.			
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.	d		
74) C730 Benzo[a]anthracene	14.00	228	1787m	0.25	ng	#	86
75) C735 Chrysene	14.03	228	5372m	0.78	ng	#	89
76) C740 bis(2-Ethylhexyl)phth	13.99	149	6262	1.21	ng		94
77) C760 Di-n-octylphthalate	14.53	149	1108	N.D.			
79) C765 Benzo[b]fluoranthen	14.91	252	165	N.D.			
80) C770 Benzo[k]fluoranthen	14.91	252	165	N.D.			
81) C775 Benzo[a]pyrene	15.24	252	1002	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylen	0.00	276	0	N.D.			

from 8/1/08

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :

Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 11 17:54:32 2008

Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

*ES
 7/11/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	44022	40.00	ng	-0.06 90.28%
4) CI40 Naphthalene-d8	7.57	136	198976	40.00	ng	-0.05 102.17%
7) CI50 Acenaphthene-d8	9.80	164	103664	40.00	ng	-0.04 112.44%
10) CI60 Phenanthrene-d10	11.52	188	222165	40.00	ng	-0.04 143.87%
12) CI70 Chrysene-d12	14.00	240	228598	40.00	ng	-0.03 124.81%
13) CI75 Perylene-d12	15.23	264	216703	40.00	ng	-0.04 121.21%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	5.43	77	6452	5.21	ng	# 1
3) E145 Acetophenone	6.45	105	20794	10.18	ng	# 27
5) E655 Caprolactam	8.17	113	40356	76.37	ng	# 68
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	9.08	154	666	N.D.		
9) E230 2,3,4,6-Tetrachloroph	10.22	232	201	8.43	ng	# 1
11) E510 Atrazine	11.24	200	1910	1.46	ng	# 32

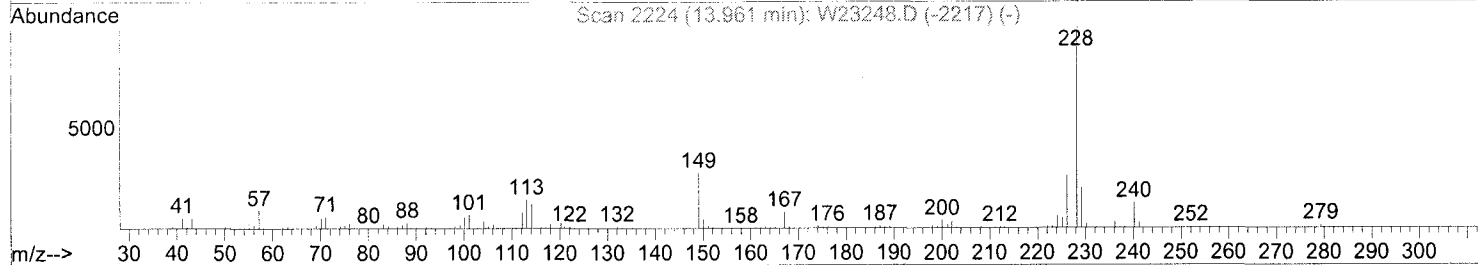
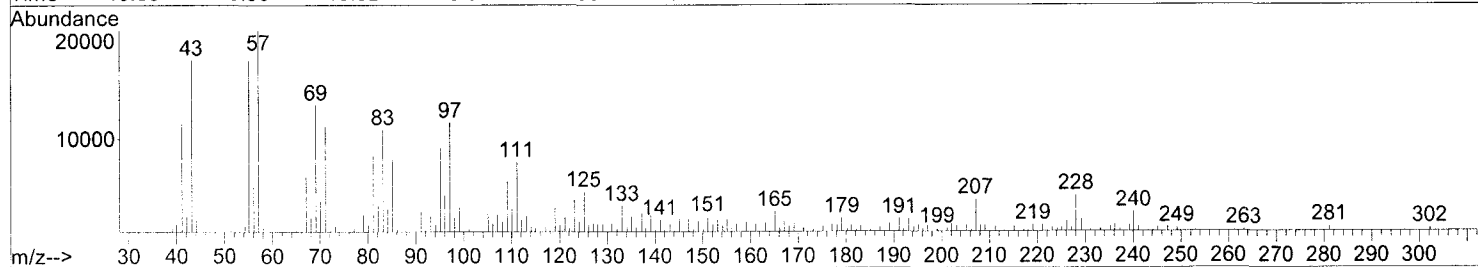
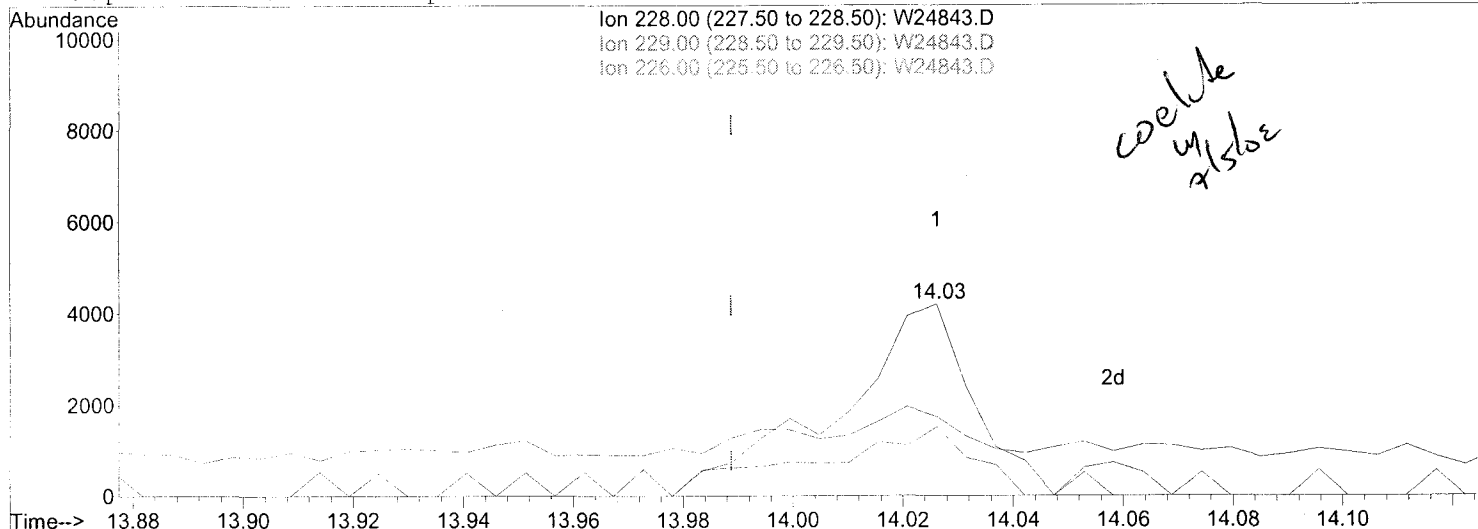
(#) = qualifier out of range (m) = manual integration (+) = signals summed

*MT
 8/11/08*

Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
Acq On : 2 Jul 2008 7:51 pm
Sample : A8769104 AS80007660
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 03 07:28:19 2008

Vial: 31
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 14:48:35 2008
Response via : Multiple Level Calibration



TIC: W24843.D

(74) C730 Benzo[a]anthracene (TC)

14.03min (+0.037) 0.98ng

response 7159

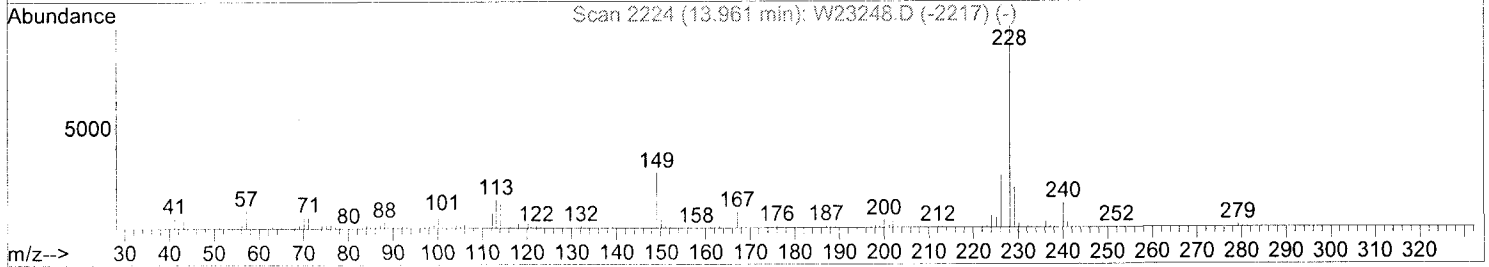
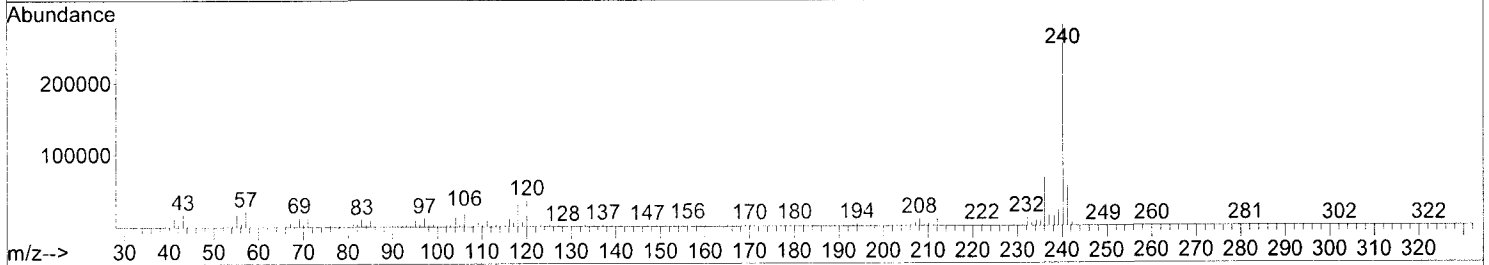
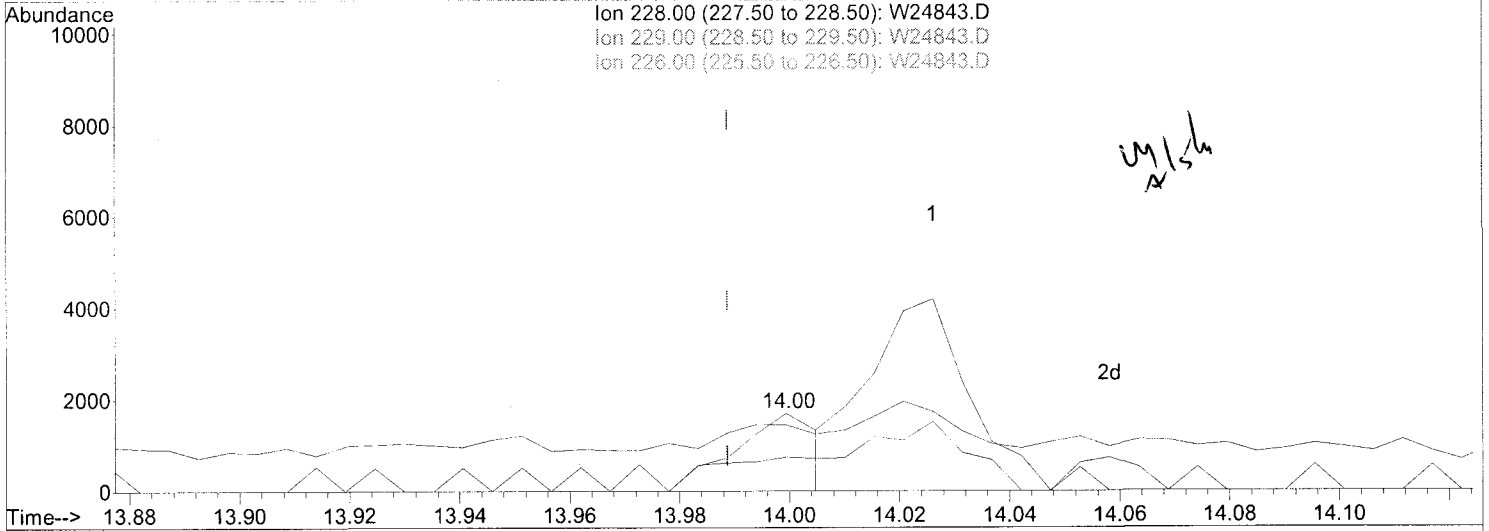
Ion	Exp%	Act%
228.00	100	100
229.00	18.80	20.01
226.00	24.80	36.01
0.00	0.00	0.00

AJ
7/13/08

Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
Acq On : 2 Jul 2008 7:51 pm
Sample : A8769104 AS80007660
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 03 07:28:19 2008

Vial: 31
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 14:48:35 2008
Response via : Multiple Level Calibration



TIC: W24843.D

(74) C730 Benzo[a]anthracene (TC)

14.00min (+0.011) 0.25ng m

response 1787

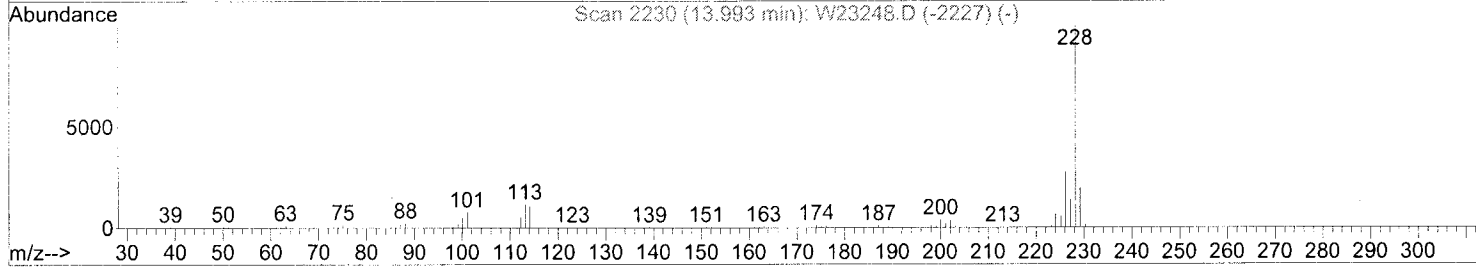
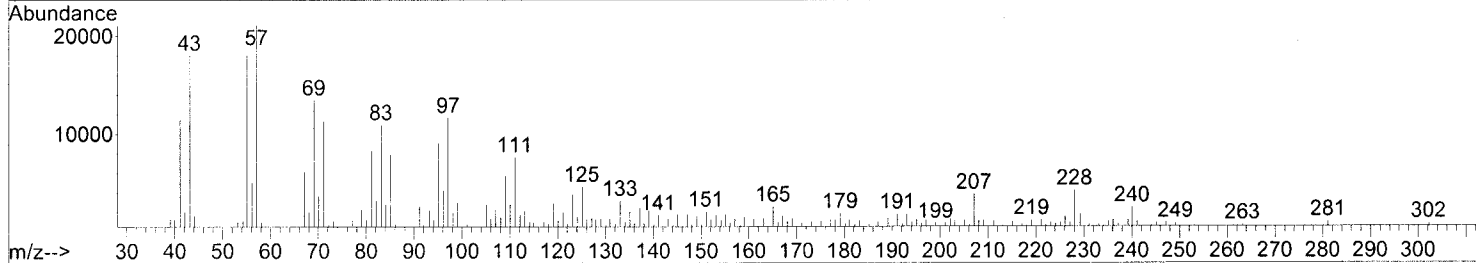
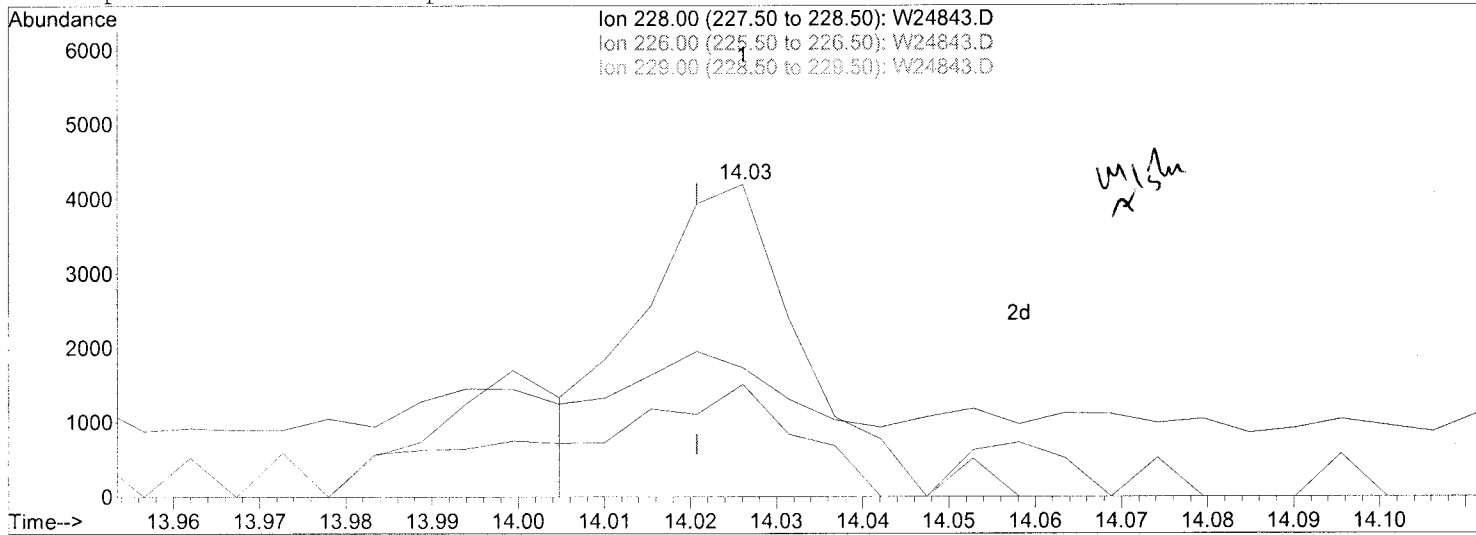
Ion	Exp%	Act%
228.00	100	100
229.00	18.80	85.06#
226.00	24.80	43.82
0.00	0.00	0.00

AJ
7/3/08

Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
Acq On : 2 Jul 2008 7:51 pm
Sample : A8769104 AS80007660
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 03 07:28:19 2008

Vial: 31
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 14:48:35 2008
Response via : Multiple Level Calibration

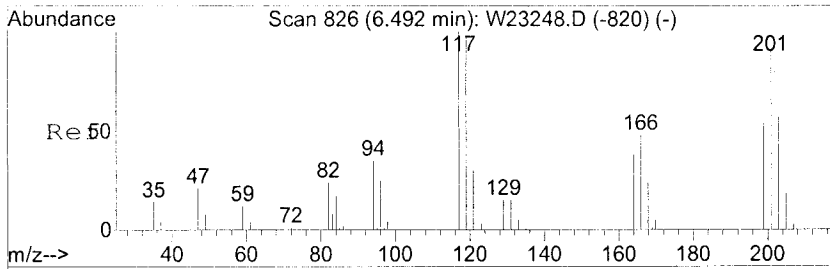


TIC: W24843.D

(75) C735 Chrysene (TC)
14.03min (+0.005) 0.78ng m
response 5372

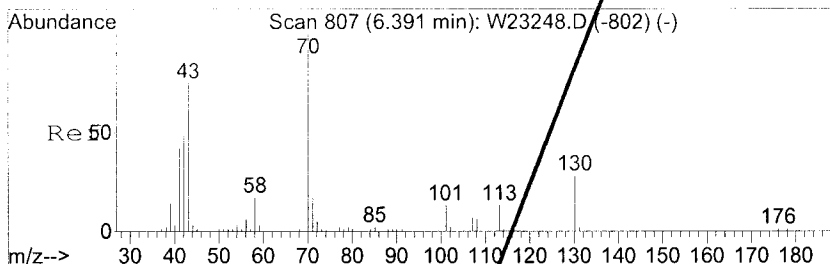
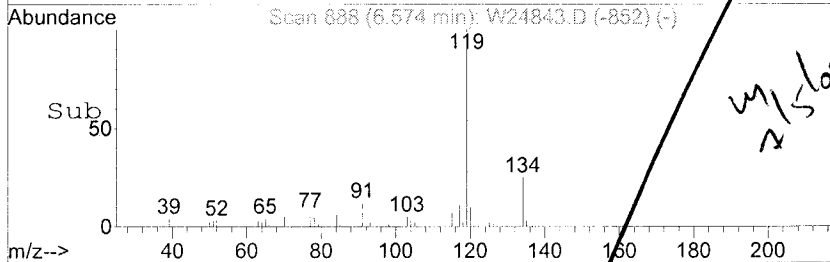
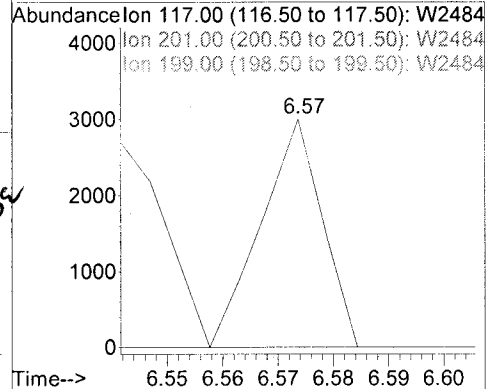
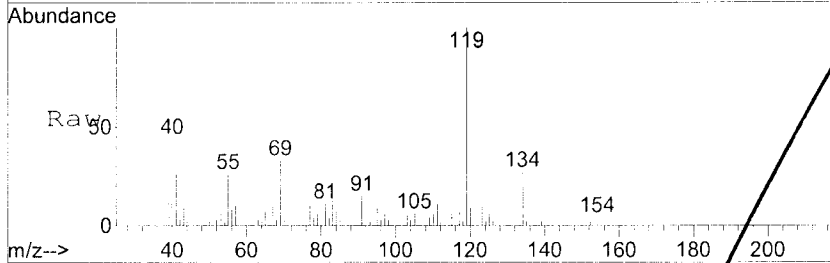
Ion	Exp%	Act%
228.00	100	100
226.00	27.10	36.01
229.00	18.80	41.33#
0.00	0.00	0.00

AJ
7/3/08



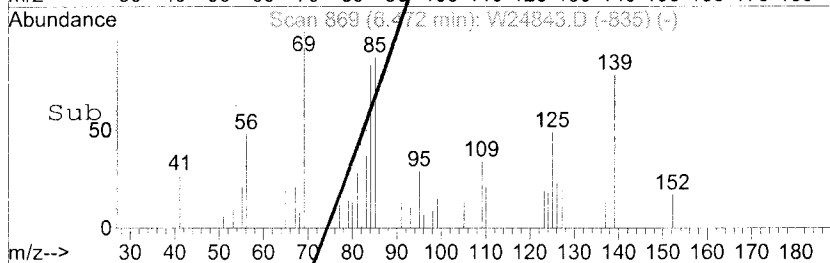
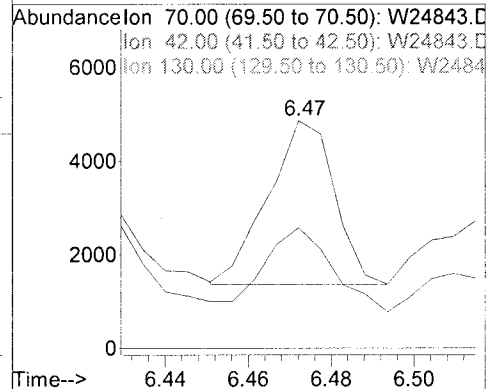
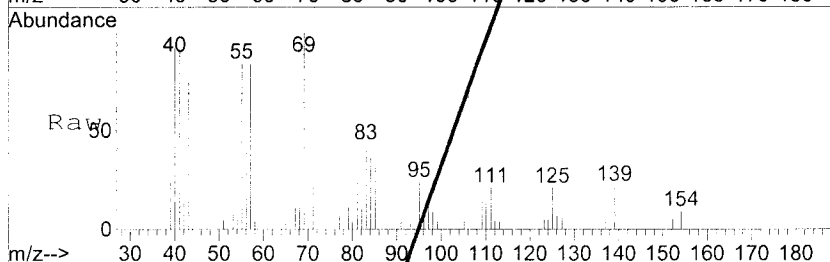
#17
 C375 Hexachloroethane
 Concen: 3.06 ng
 RT: 6.57 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	74.3	114.3#
199	0.0	38.5	78.5#

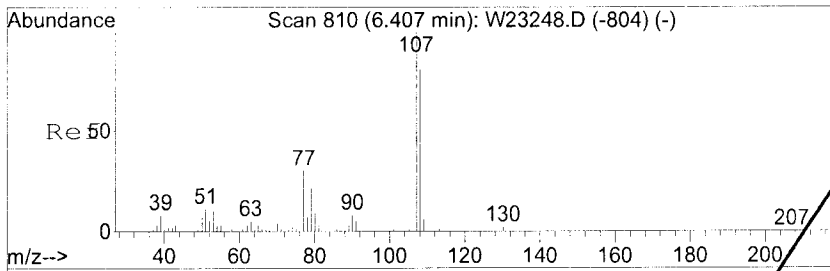


#18
 C370 N-Nitroso-di-n-propylamine
 Concen: 3.40 ng
 RT: 6.47 min Scan# 869
 Delta R.T. -0.02 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.5	48.9	88.9
130	0.0	6.3	46.3#

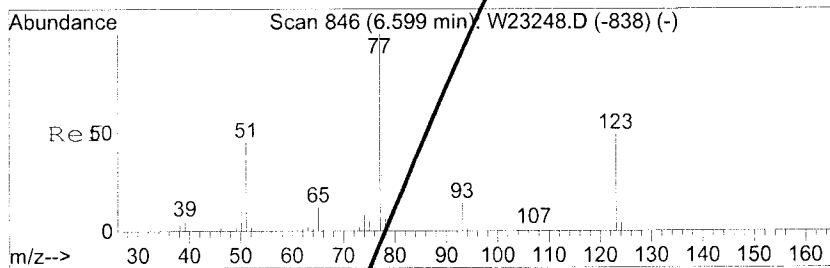
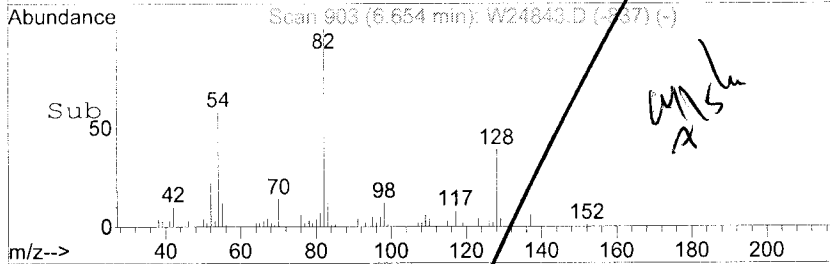
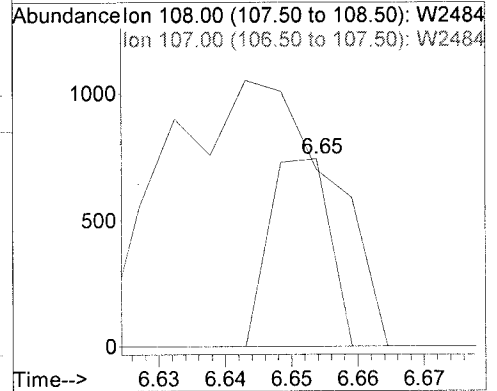
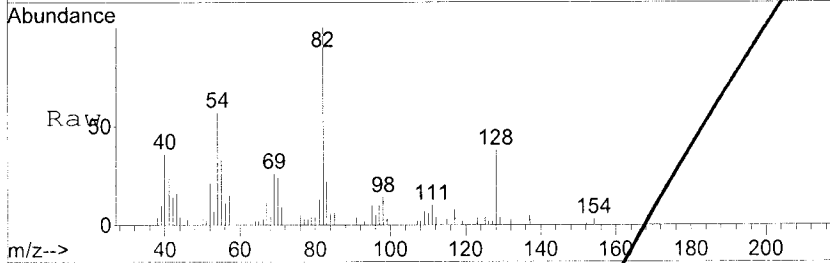


895/4151



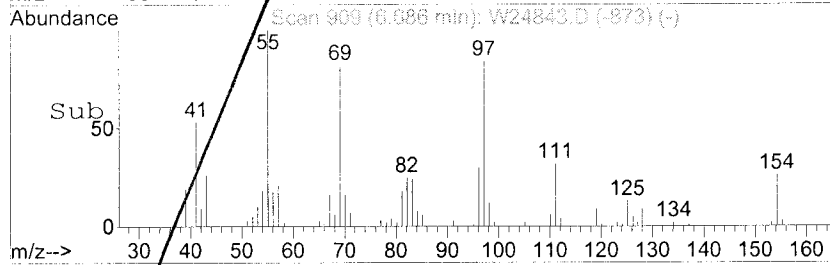
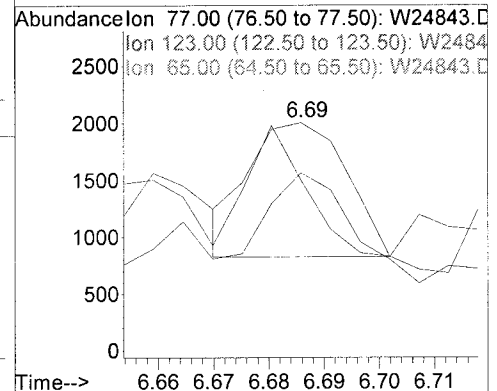
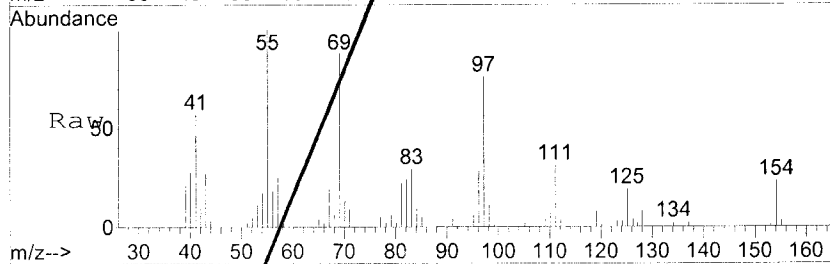
#19
 C365 4-Methylphenol
 Concen: 0.30 ng
 RT: 6.65 min Scan# 903
 Delta R.T. 0.15 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

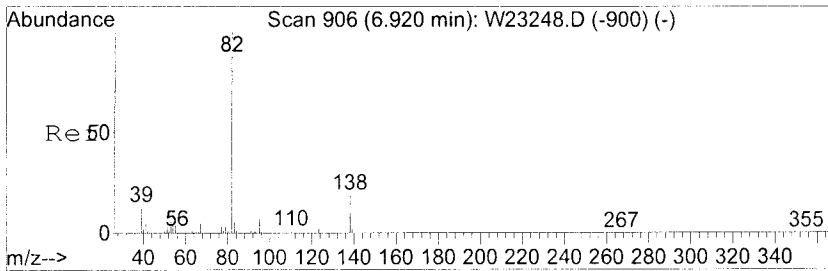
Tgt Ion: 108 Resp: 471
 Ion Ratio Lower Upper
 108 100
 107 94.2 95.7 135.7#



#22
 C410 Nitrobenzene
 Concen: 0.80 ng
 RT: 6.69 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

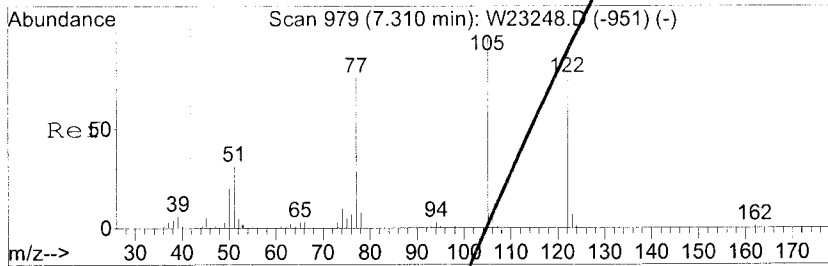
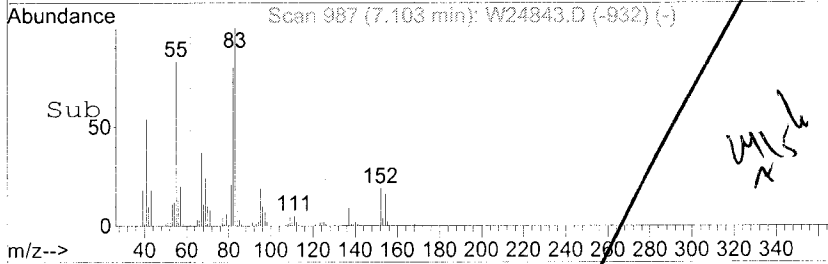
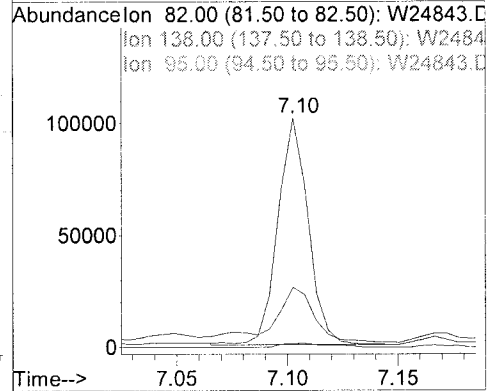
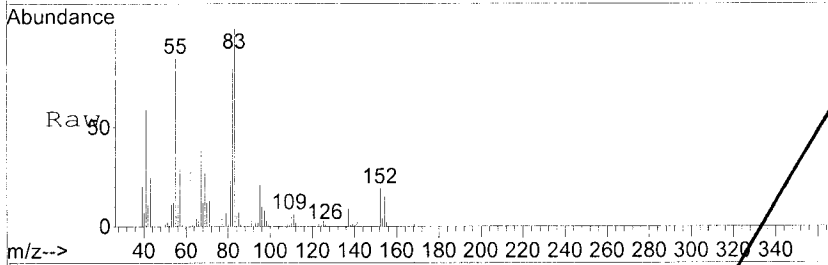
Tgt Ion: 77 Resp: 1441
 Ion Ratio Lower Upper
 77 100
 123 56.6 21.6 61.6
 65 64.4 0.0 34.8#





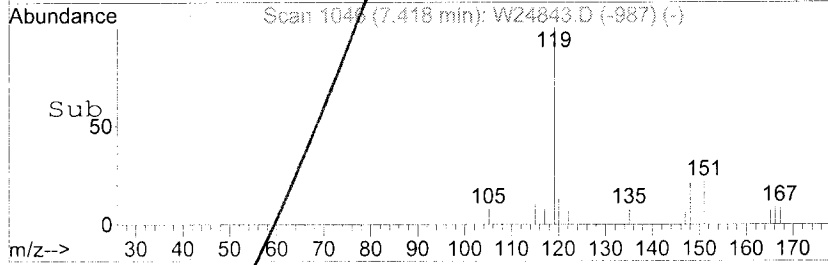
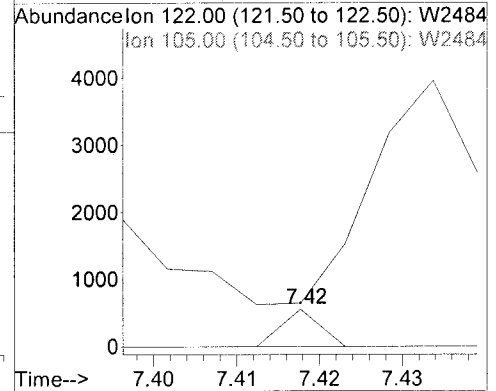
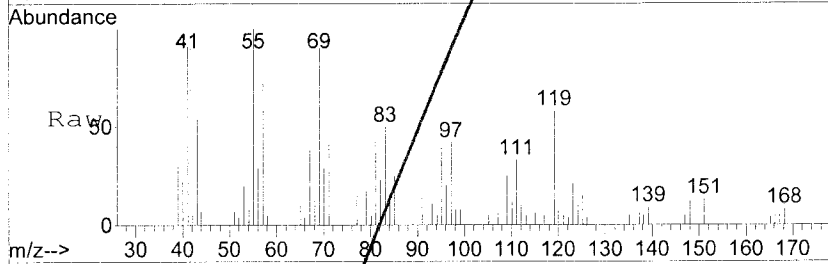
#23
 C415 Isophorone
 Concen: 29.40 ng
 RT: 7.10 min Scan# 987
 Delta R.T. 0.10 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

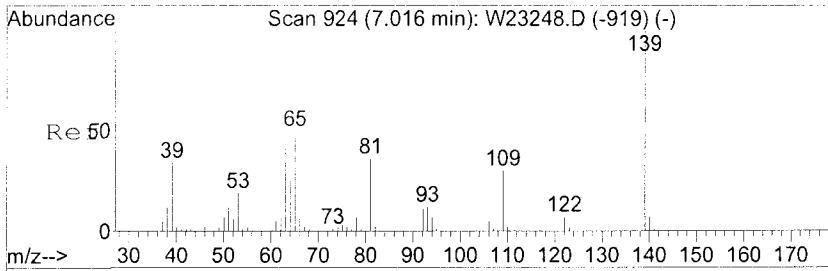
Tgt Ion	Ratio	Lower	Upper
82	100		
138	1.5	0.0	37.8
95	24.2	0.0	26.8



#24
 C430 benzoic acid
 Concen: Below Cal
 RT: 7.42 min Scan# 1046
 Delta R.T. 0.02 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

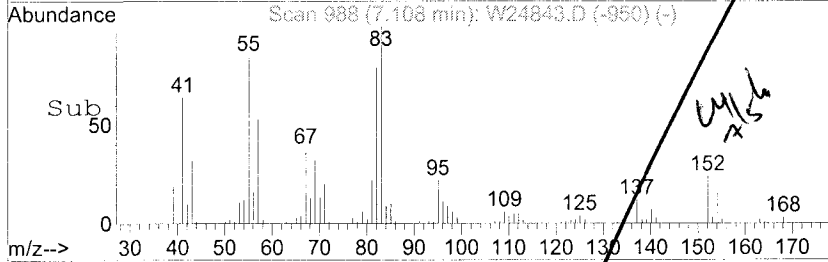
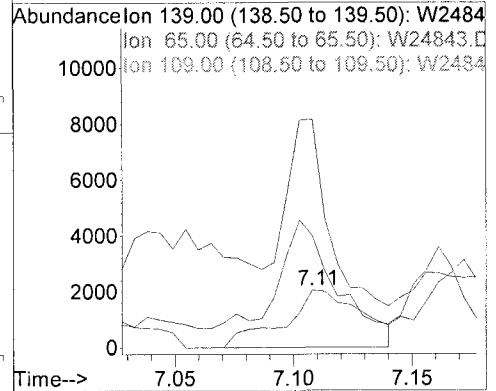
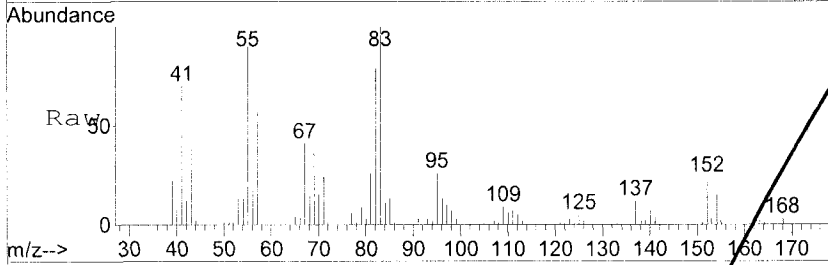
Tgt Ion	Ratio	Lower	Upper
122	100		
105	2501.1	107.7	147.7#





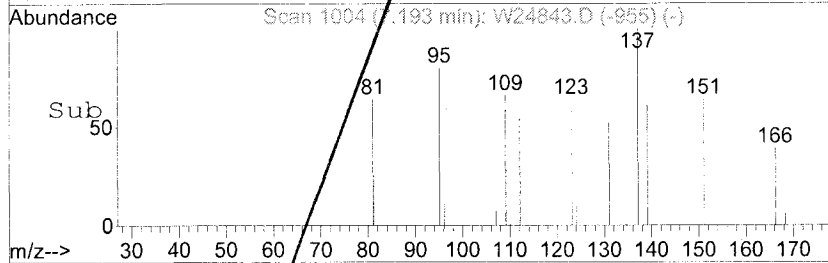
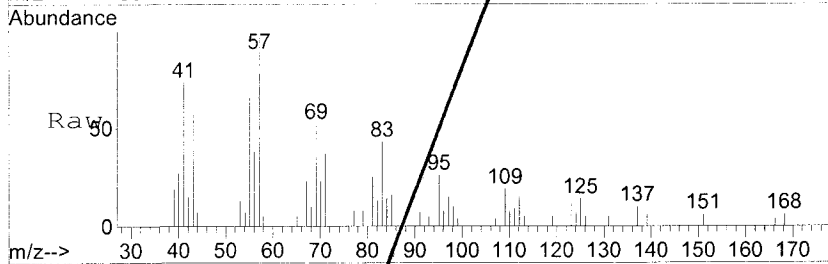
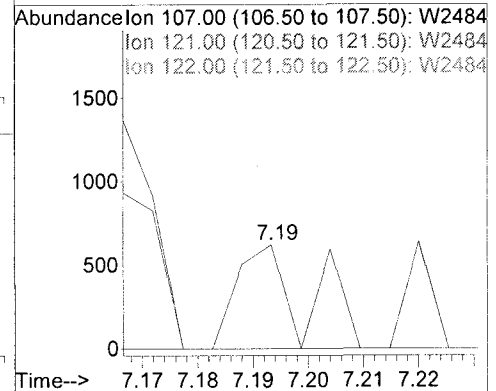
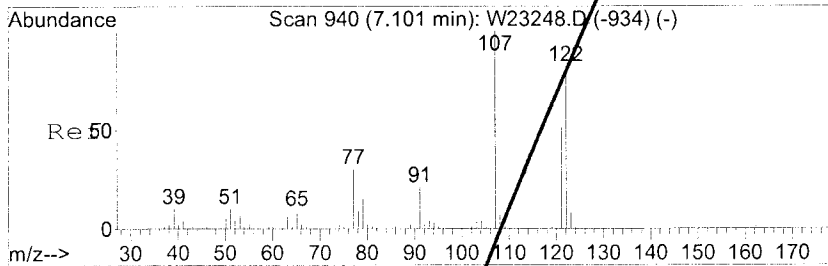
#25
 C420 2-Nitrophenol
 Concen: 5.11 ng
 RT: 7.11 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

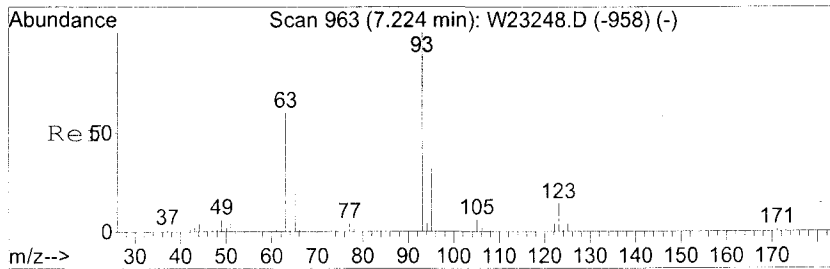
Tgt Ion	Ratio	Lower	Upper
139	100		
65	163.3	40.3	80.3#
109	330.1	11.9	51.9#



#26
 C425 2,4-Dimethylphenol
 Concen: 0.32 ng
 RT: 7.19 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

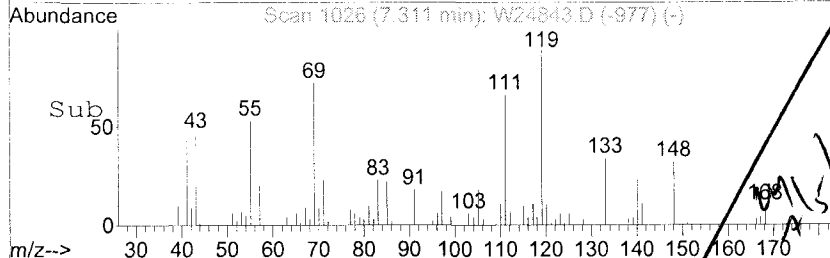
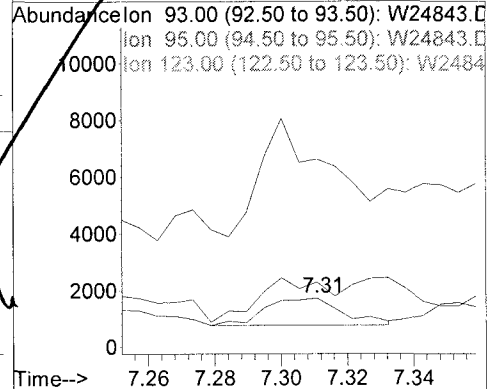
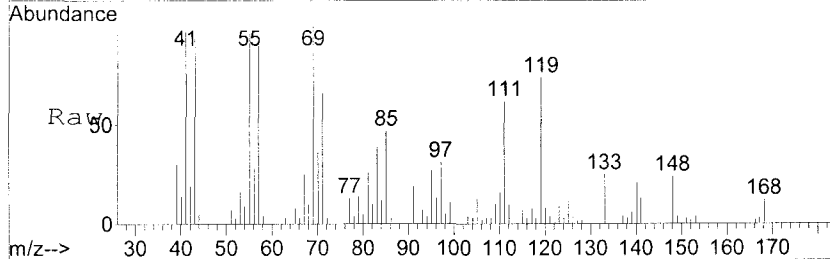
Tgt Ion	Ratio	Lower	Upper
107	100		
121	0.0	24.6	64.6#
122	0.0	64.5	104.5#





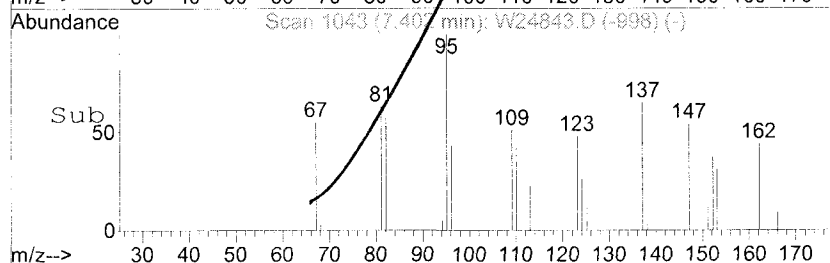
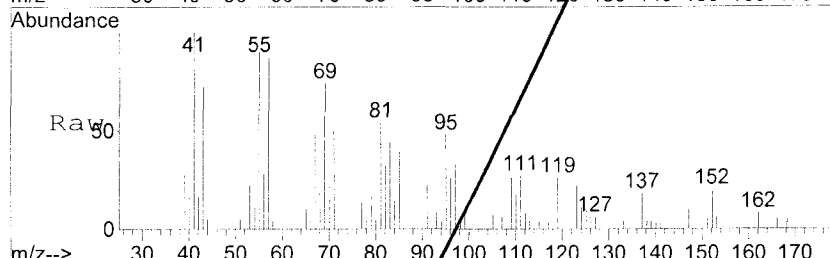
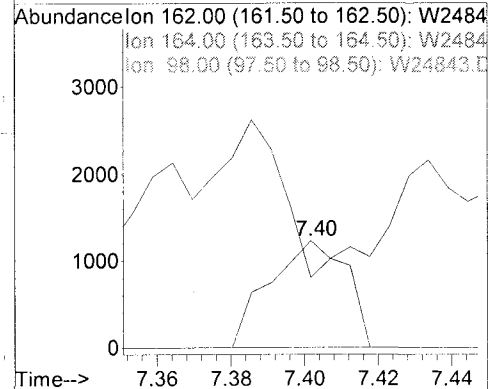
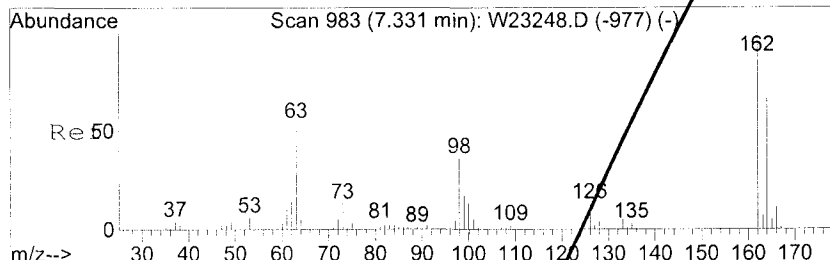
#27
 C435 bis(2-Chloroethoxy)methane
 Concen: 0.77 ng
 RT: 7.31 min Scan# 1026
 Delta R.T. 0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

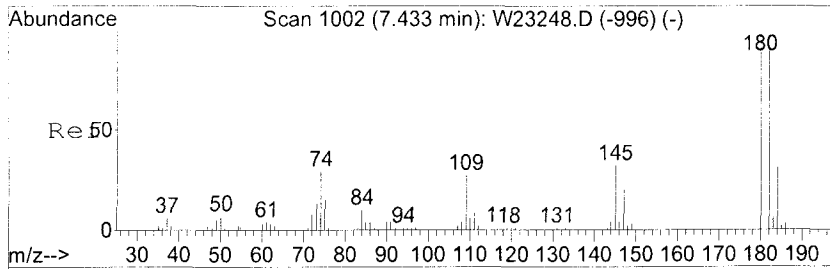
Tgt Ion	Resp	Lower	Upper
93	1543		
93	100		
95	257.9	11.5	51.5#
123	147.1	0.0	33.5#



#28
 C440 2,4-Dichlorophenol
 Concen: 1.19 ng
 RT: 7.40 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

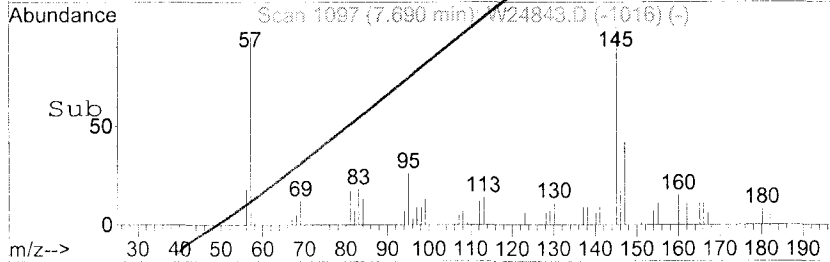
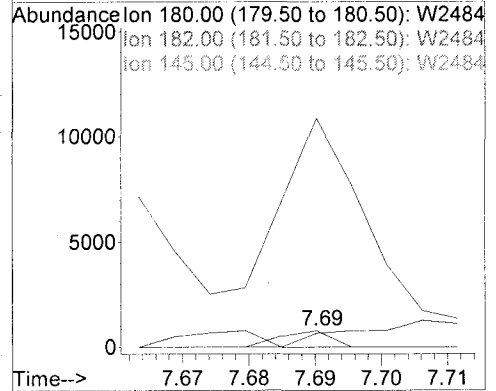
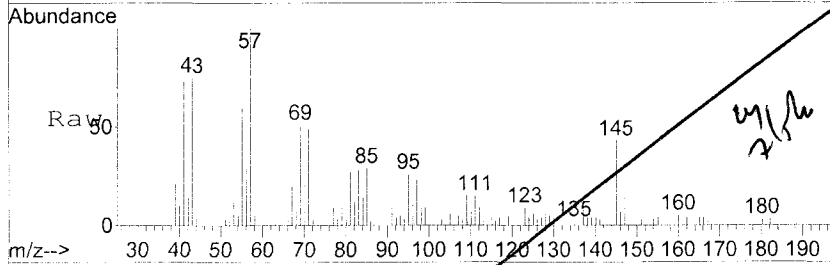
Tgt Ion	Resp	Lower	Upper
162	1785		
162	100		
164	0.0	43.1	83.1#
98	0.0	20.5	60.5#





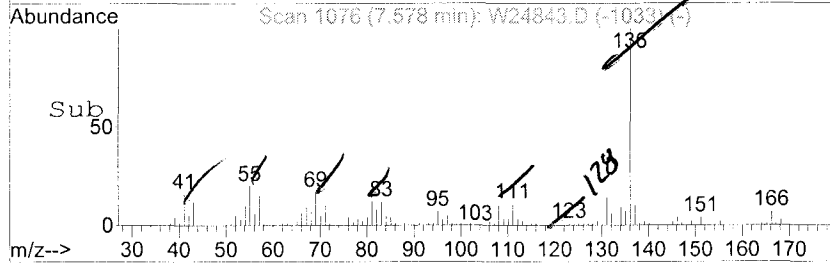
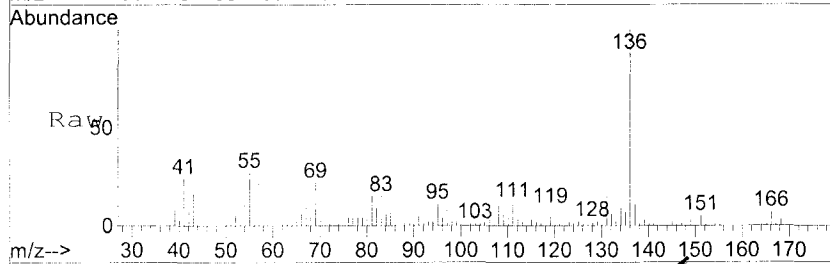
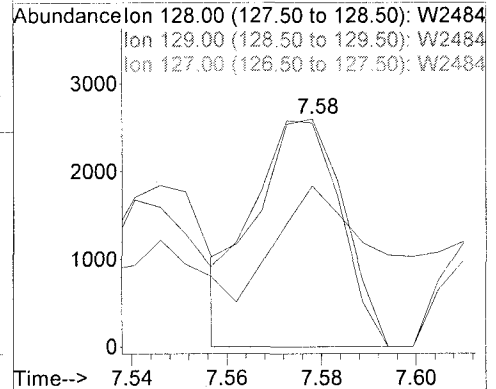
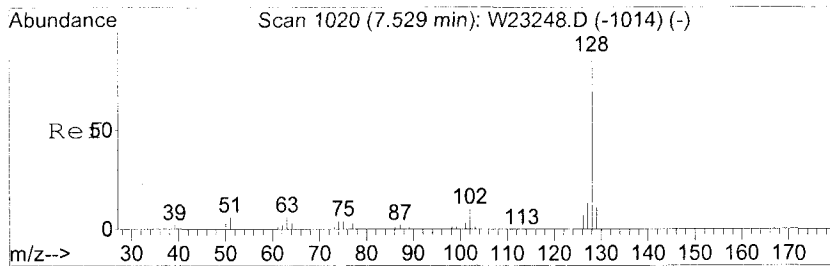
#29
 C445 1,2,4-Trichlorobenzene
 Concen: 0.26 ng
 RT: 7.69 min Scan# 1097
 Delta R.T. 0.18 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

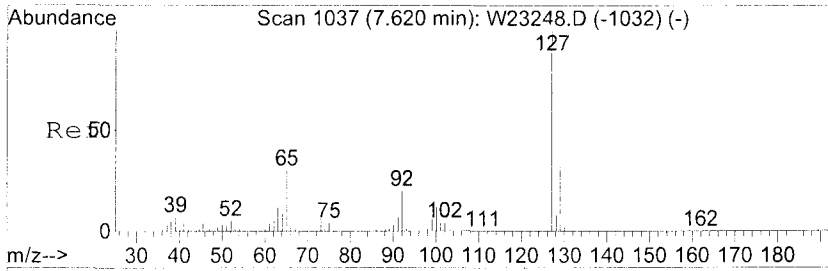
Tgt Ion	Resp	Lower	Upper
180	415		
180	100		
182	0.0	75.1	115.1#
145	1064.2	9.6	49.6#



#30
 C450 Naphthalene
 Concen: 0.61 ng
 RT: 7.58 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

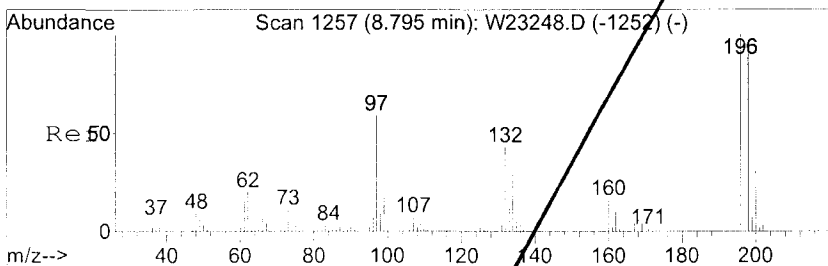
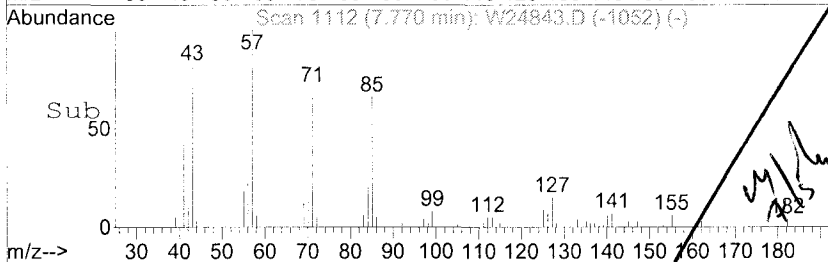
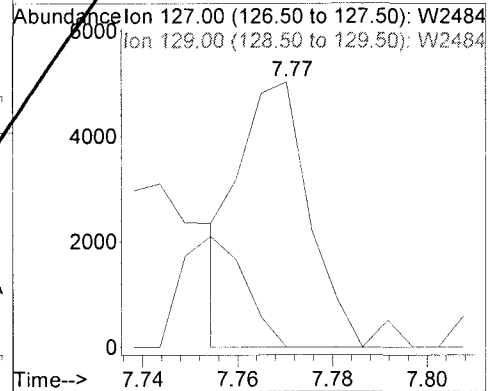
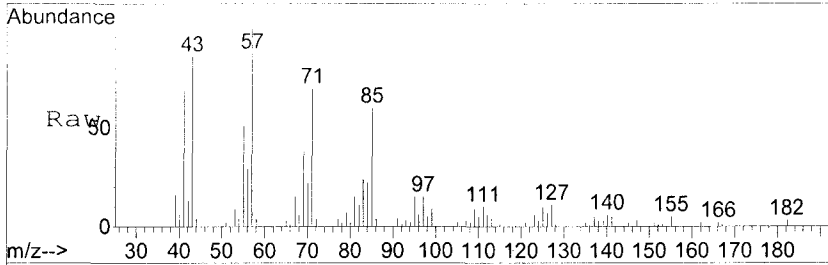
Tgt Ion	Resp	Lower	Upper
128	3372		
128	100		
129	98.2	0.0	30.1#
127	39.7	0.0	31.5#





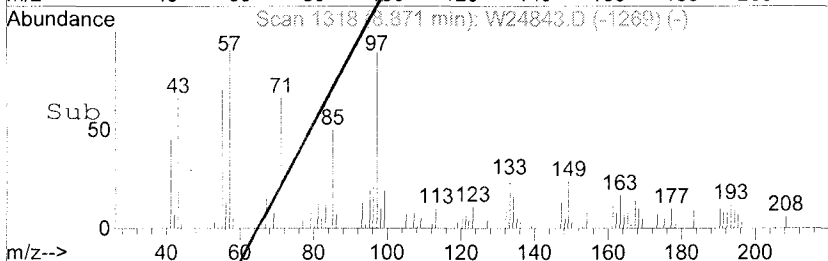
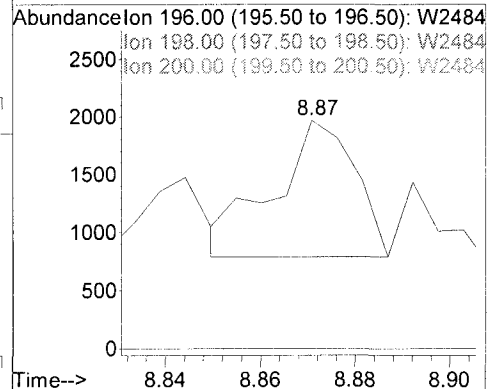
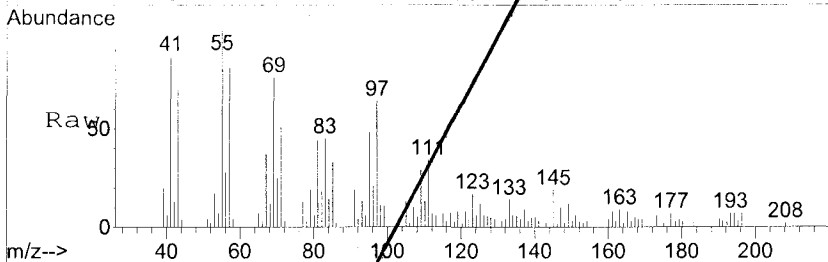
#31
 C455 4-Chloroaniline
 Concen: 2.46 ng
 RT: 7.77 min Scan# 1112
 Delta R.T. 0.07 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

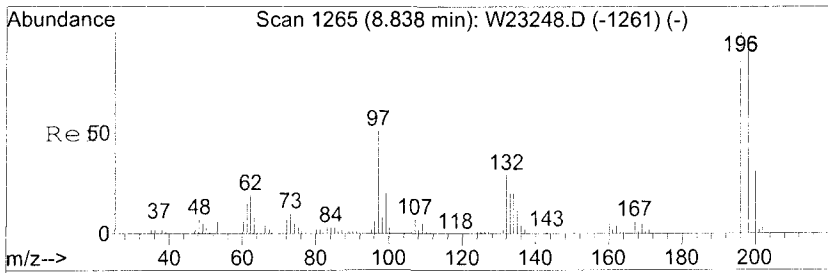
Tgt Ion: 127 Resp: 5174
 Ion Ratio Lower Upper
 127 100
 129 0.0 12.0 52.0#



#37
 C515 2,4,6-Trichlorophenol
 Concen: Below Cal
 RT: 8.87 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

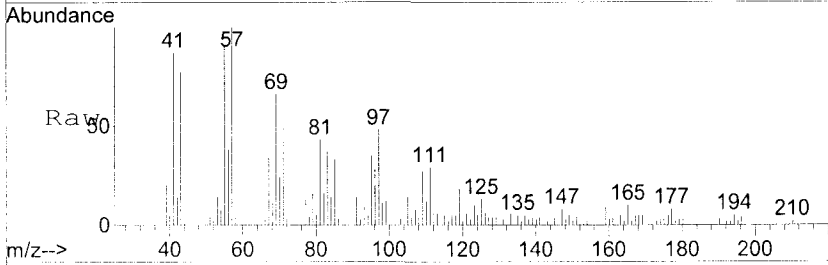
Tgt Ion: 196 Resp: 1398
 Ion Ratio Lower Upper
 196 100
 198 0.0 72.6 112.6#
 200 0.0 12.7 52.7#



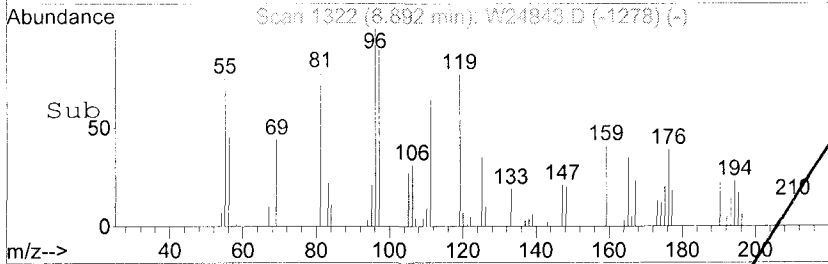
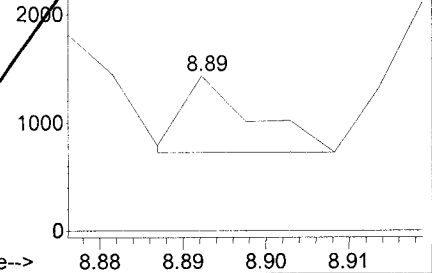


#38
 C520 2,4,5-Trichlorophenol
 Concen: Below Cal
 RT: 8.89 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	74.6	114.6#
200	0.0	9.8	49.8#

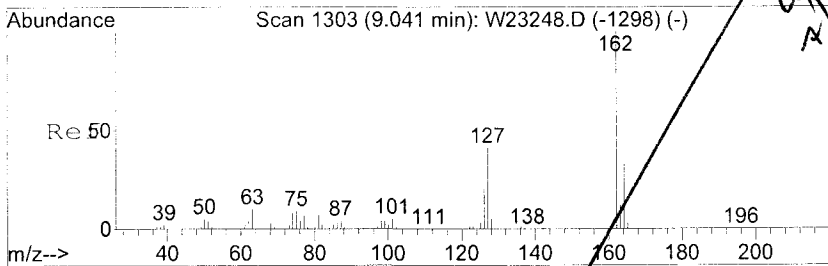


Abundance Ion 196.00 (195.50 to 196.50): W2484
 Ion 198.00 (197.50 to 198.50): W2484
 Ion 200.00 (199.50 to 200.50): W2484

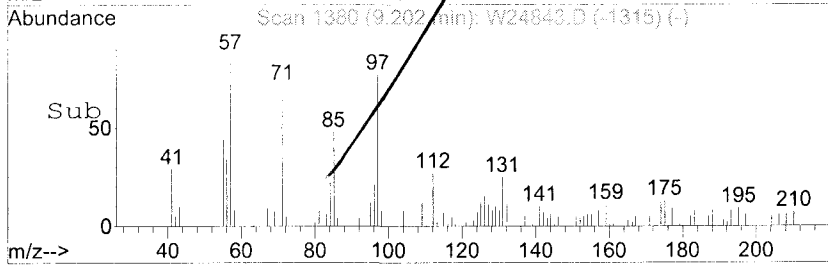
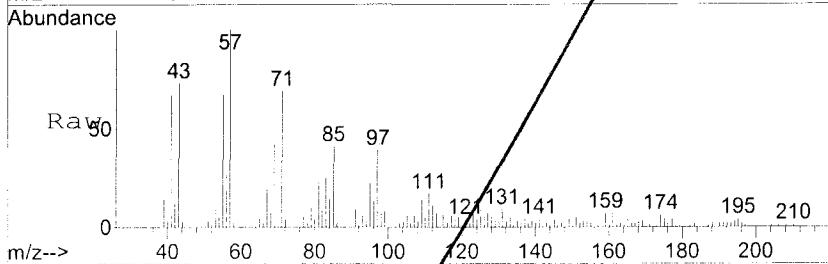
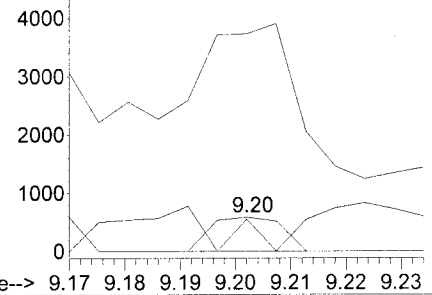


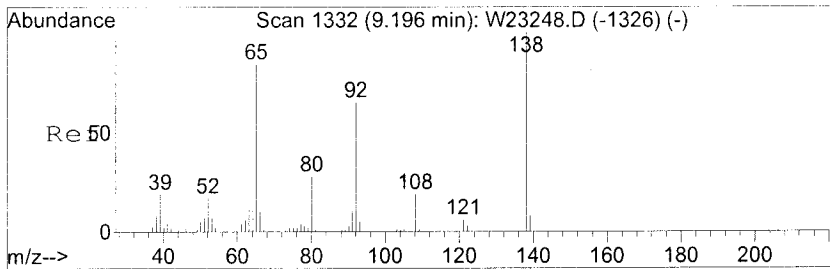
#40
 C525 2-Chloronaphthalene
 Concen: Below Cal
 RT: 9.20 min Scan# 1380
 Delta R.T. 0.10 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	11.5	51.5#
127	393.8	21.6	61.6#



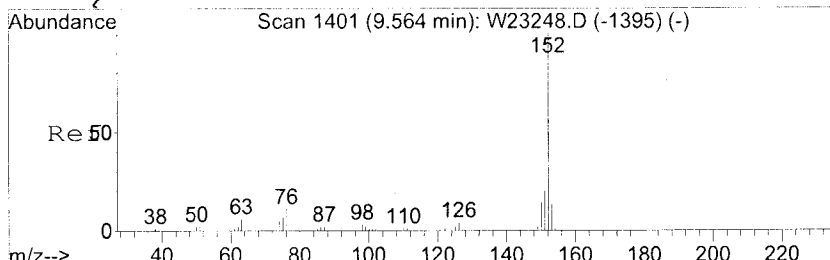
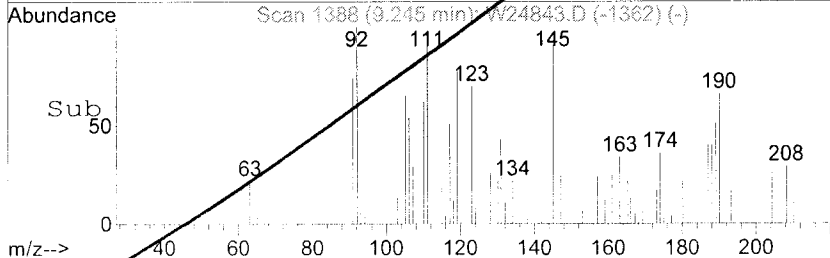
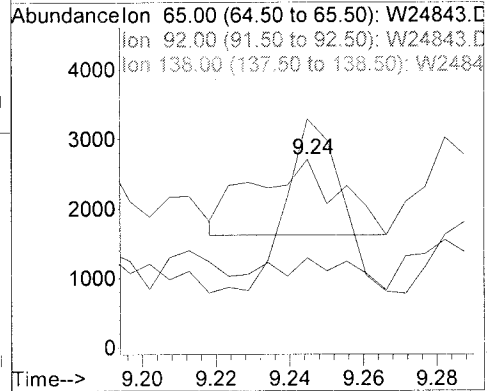
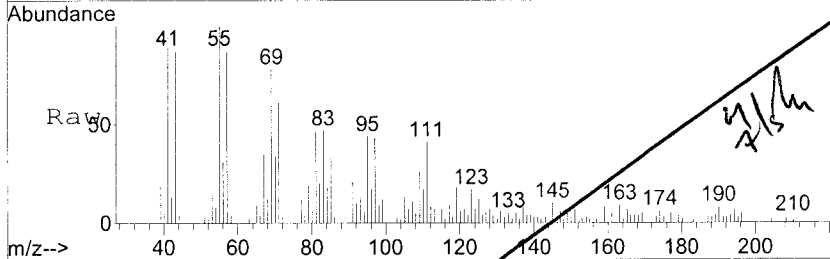
Abundance Ion 162.00 (161.50 to 162.50): W2484
 Ion 164.00 (163.50 to 164.50): W2484
 Ion 127.00 (126.50 to 127.50): W2484





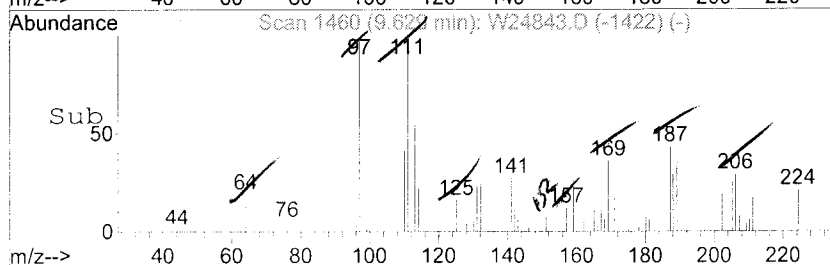
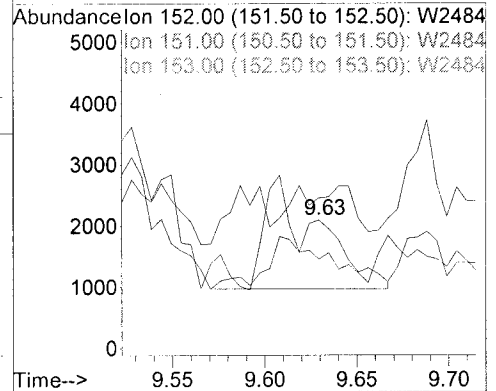
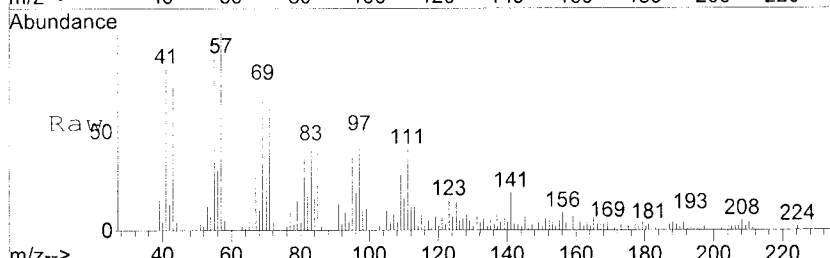
#41
 C530 2-Nitroaniline
 Concen: Below Cal
 RT: 9.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

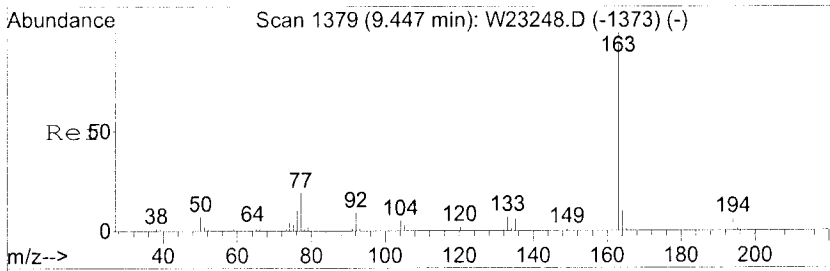
Tgt Ion:	65	Resp:	1769
Ion Ratio	Lower	Upper	
65	100		
92	230.2	41.6	81.6#
138	42.8	74.0	114.0#



#42
 C540 Acenaphthylene
 Concen: 0.57 ng
 RT: 9.63 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

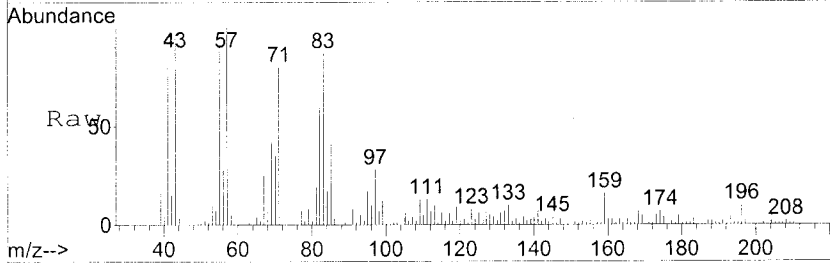
Tgt Ion:	152	Resp:	2840
Ion Ratio	Lower	Upper	
152	100		
151	66.3	0.0	38.6#
153	6.1	0.0	32.3



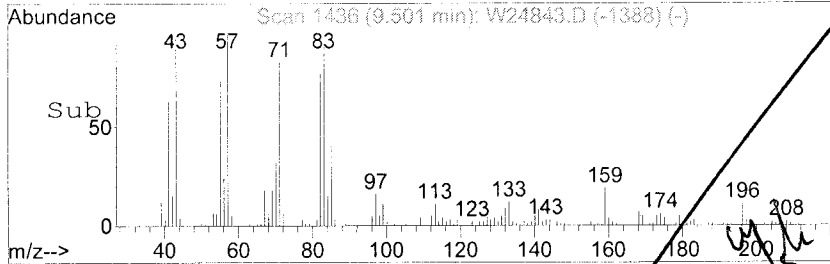
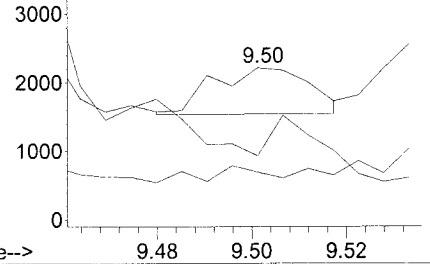


#43
 C535 Dimethylphthalate
 Concen: 0.27 ng
 RT: 9.50 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			954
194	0.0	0.0	0.0	26.2
164	23.4	0.0	0.0	30.0

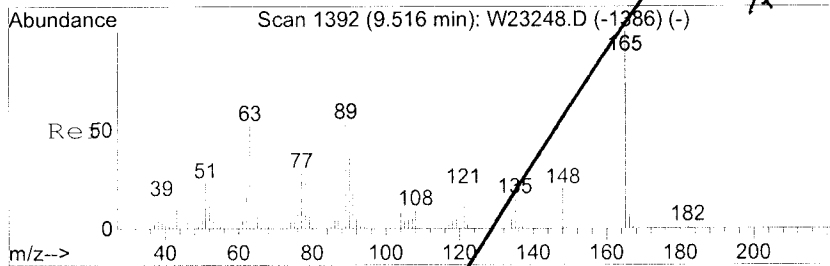


Abundance Ion 163.00 (162.50 to 163.50): W2484
 Ion 194.00 (193.50 to 194.50): W2484
 Ion 164.00 (163.50 to 164.50): W2484

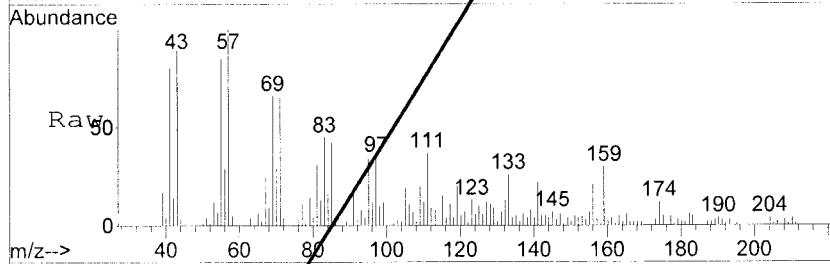
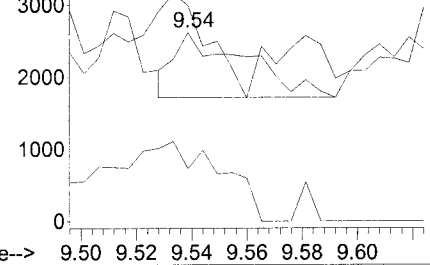


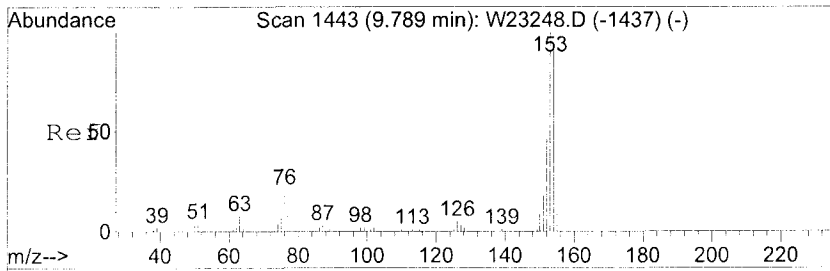
#44
 C542 2,6-Dinitrotoluene
 Concen: Below Cal
 RT: 9.54 min Scan# 1443
 Delta R.T. -0.03 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			1620
89	81.2	44.0	44.0	84.0
121	112.2	0.6	0.6	40.6#



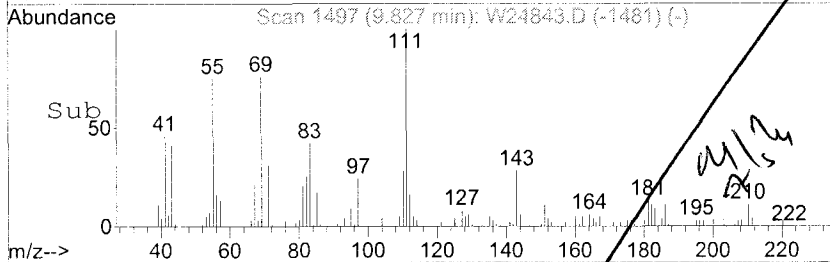
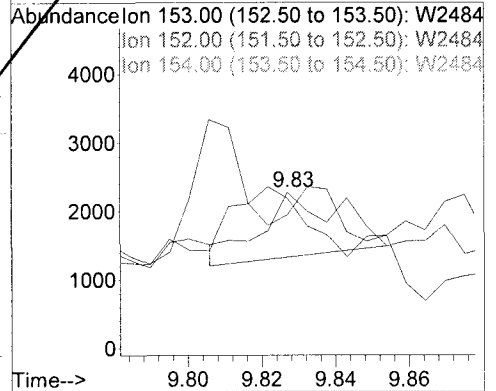
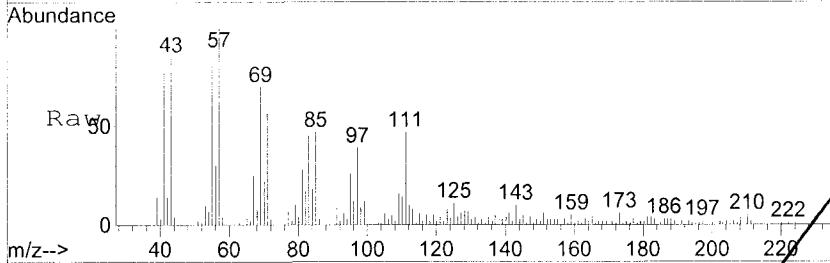
Abundance Ion 165.00 (164.50 to 165.50): W2484
 Ion 89.00 (88.50 to 89.50): W24843.D
 Ion 121.00 (120.50 to 121.50): W2484





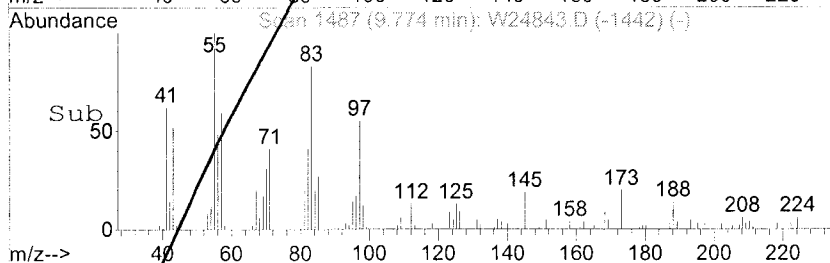
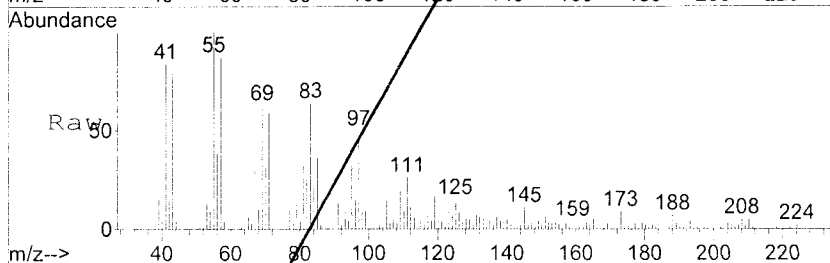
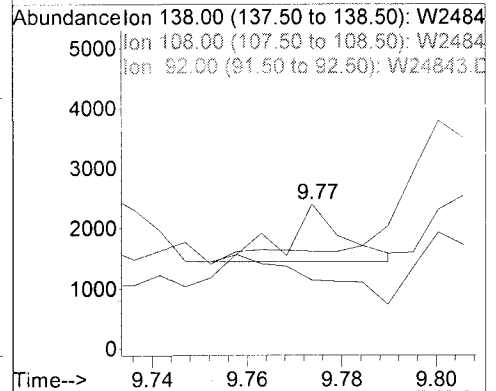
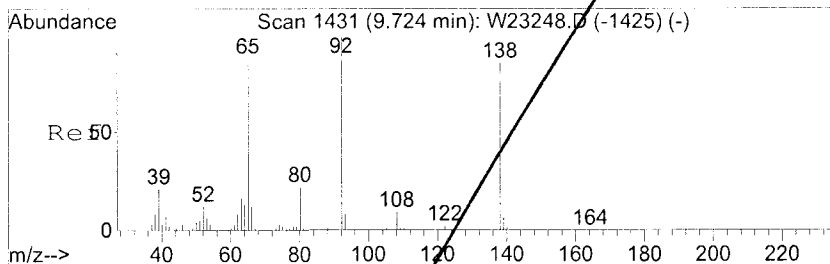
#45
 C550 Acenaphthene
 Concen: 0.47 ng
 RT: 9.83 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

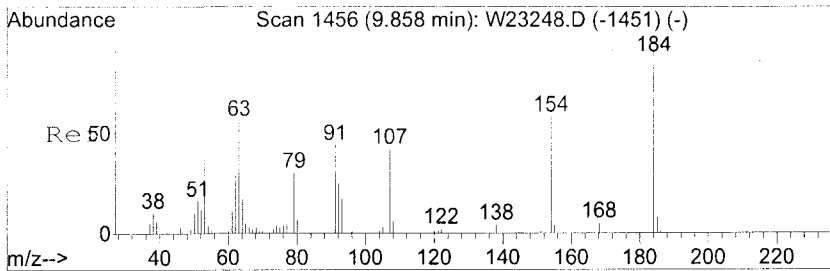
Tgt Ion	Resp	Lower	Upper
153	100		
152	97.3	27.9	67.9#
154	37.7	77.9	117.9#



#46
 C545 3-Nitroaniline
 Concen: Below Cal
 RT: 9.77 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

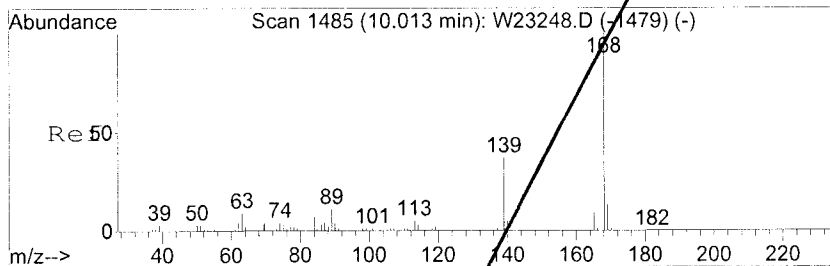
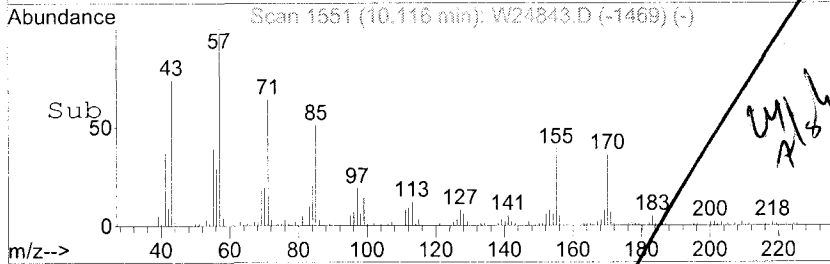
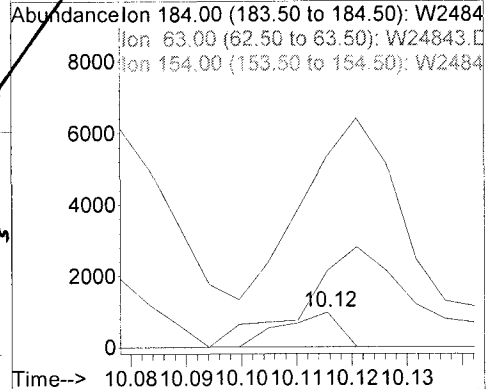
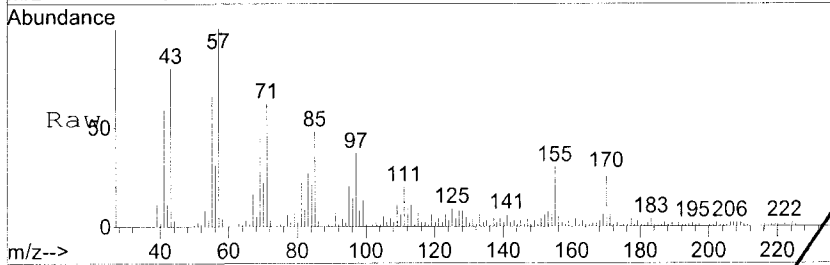
Tgt Ion	Resp	Lower	Upper
138	100		
108	22.6	0.0	34.7
92	42.2	105.9	145.9#





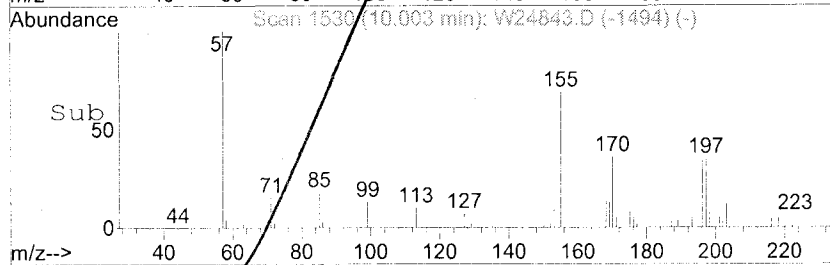
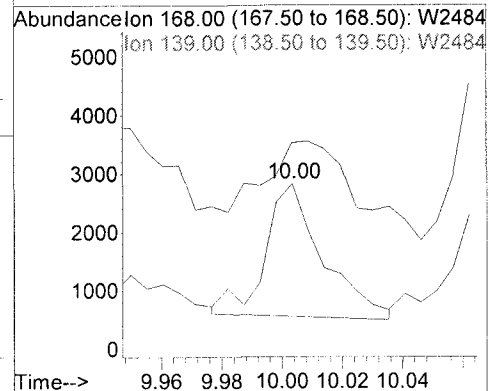
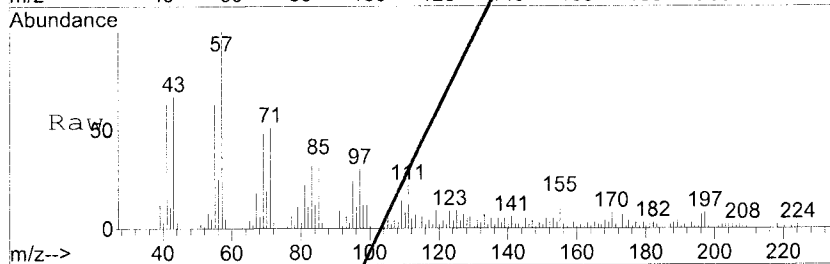
#47
 C555 2,4-Dinitrophenol
 Concen: Below Cal
 RT: 10.12 min Scan# 1551
 Delta R.T. 0.19 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

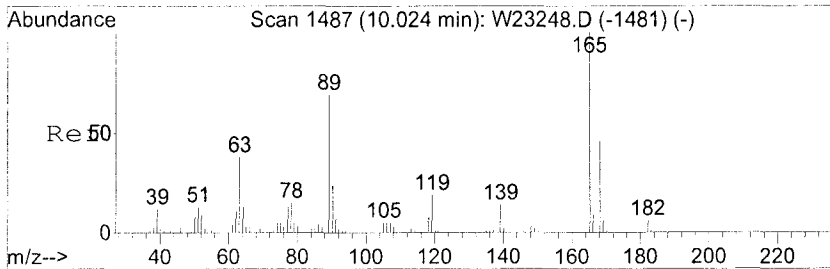
Tgt Ion	184	Resp:	698
Ion Ratio	Lower	Upper	
184	100		
63	219.2	73.6	113.6#
154	368.6	37.7	77.7#



#48
 C565 Dibenzofuran
 Concen: Below Cal
 RT: 10.00 min Scan# 1530
 Delta R.T. -0.06 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

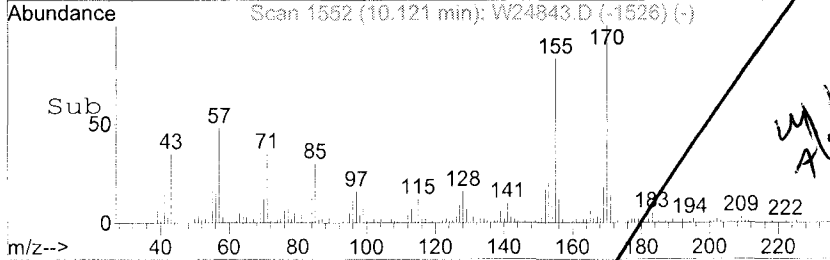
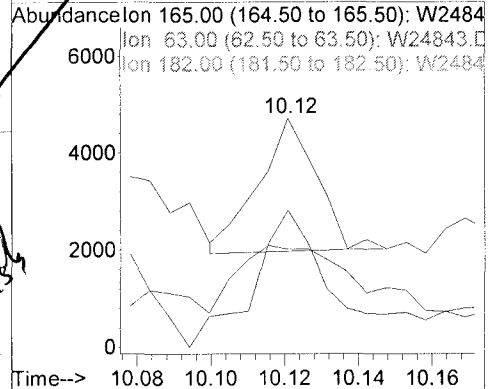
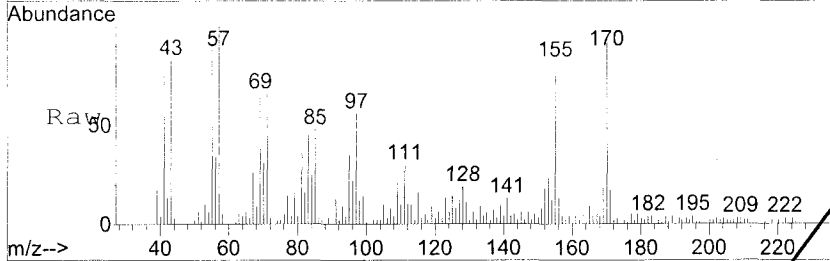
Tgt Ion	168	Resp:	2994
Ion Ratio	Lower	Upper	
168	100		
139	50.4	29.7	69.7





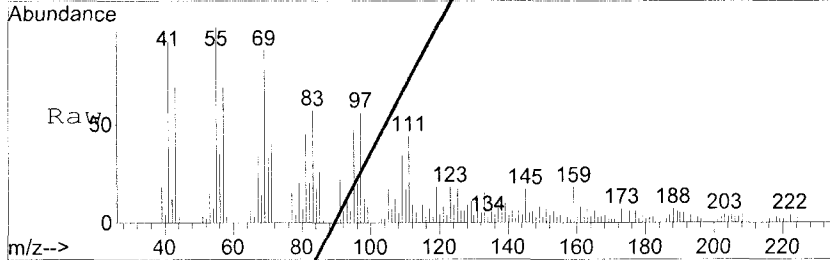
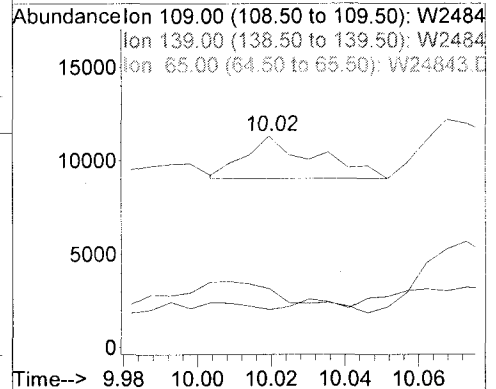
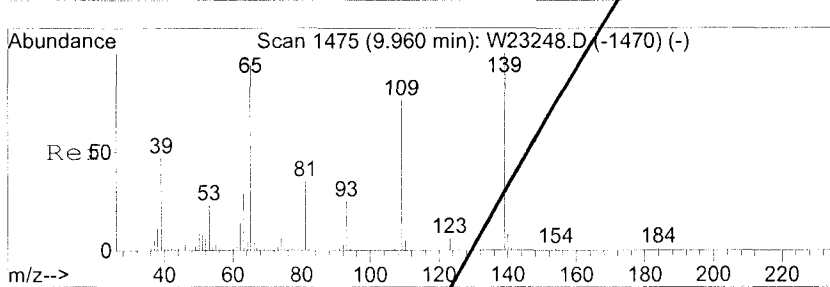
#49
 C570 2,4-Dinitrotoluene
 Concen: Below Cal
 RT: 10.12 min Scan# 1552
 Delta R.T. 0.04 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

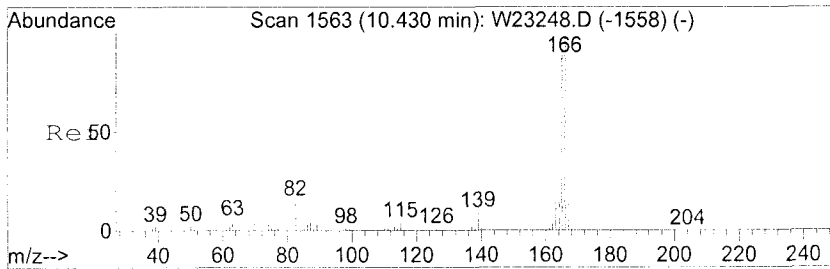
Tgt Ion	Resp	Lower	Upper
165	3010		
63	80.9	0.0	26.7#
182	48.4	0.0	20.0#



#50
 C560 4-Nitrophenol
 Concen: 8.18 ng
 RT: 10.02 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

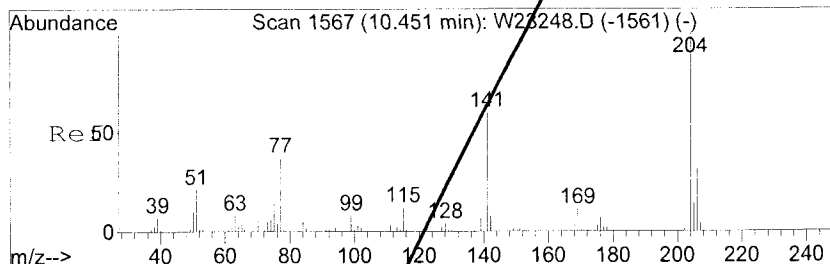
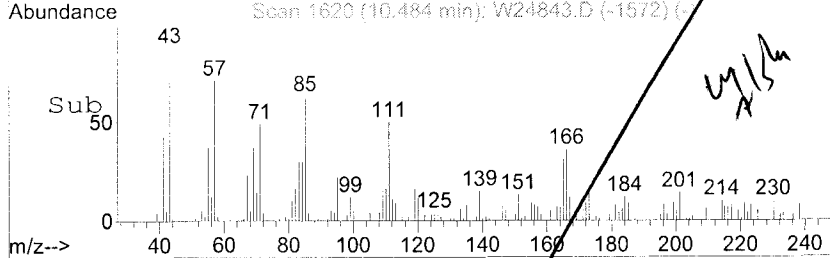
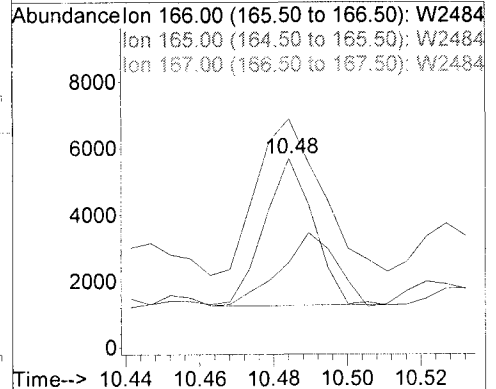
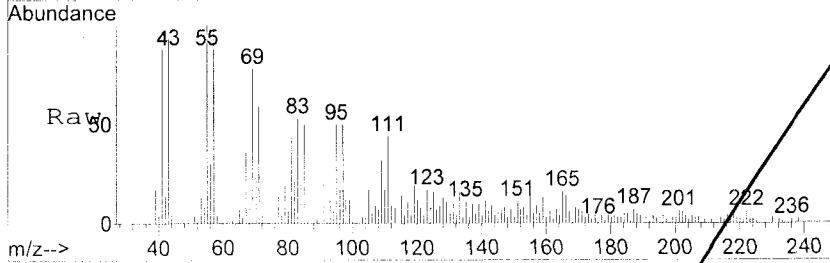
Tgt Ion	Resp	Lower	Upper
109	3030		
139	42.4	112.5	152.5#
65	0.0	127.4	167.4#





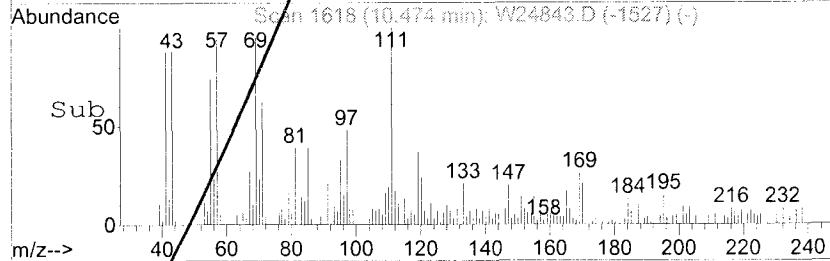
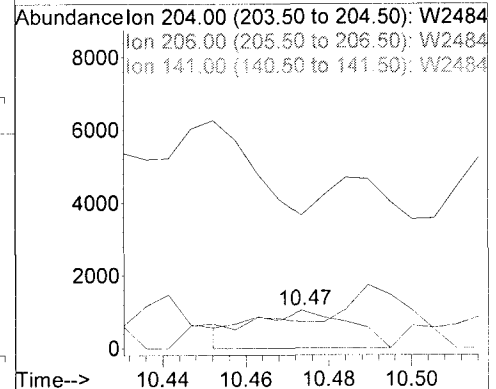
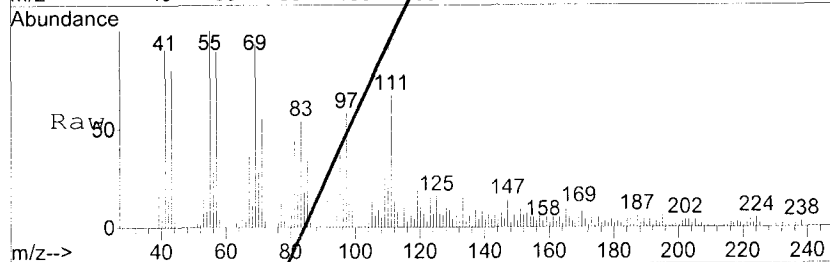
#51
 C590 Fluorene
 Concen: Below Cal
 RT: 10.48 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

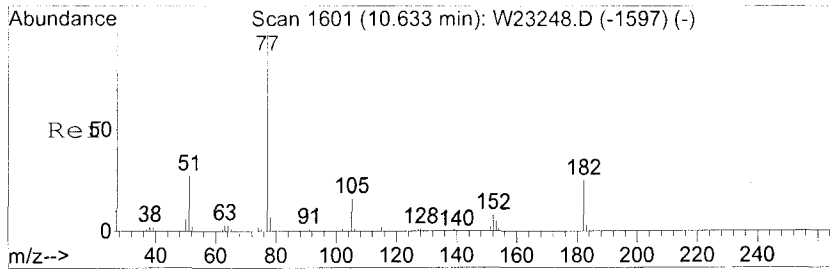
Tgt Ion	Resp	Lower	Upper
166	4106		
166	100		
165	106.5	72.0	112.0
167	28.9	0.0	32.5



#52
 C585 4-Chlorophenyl-phenylethe
 Concen: Below Cal
 RT: 10.47 min Scan# 1618
 Delta R.T. -0.02 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

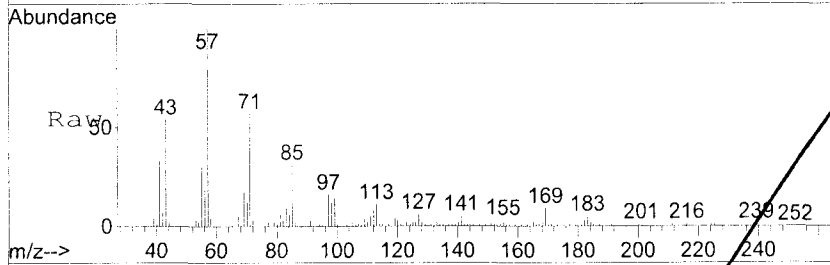
Tgt Ion	Resp	Lower	Upper
204	1765		
204	100		
206	4.5	12.3	52.3#
141	0.0	42.7	82.7#



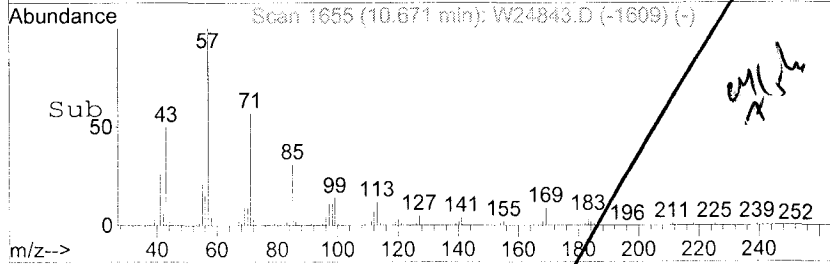
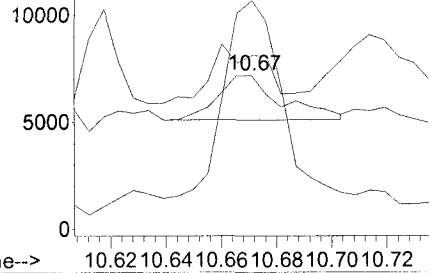


#54
 C620 1,2 diphenylhydrazine
 Concen: Below Cal
 RT: 10.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Resp	Lower	Upper
77	3340		
105	112.8	0.0	36.4#
182	540.1	4.9	44.9#



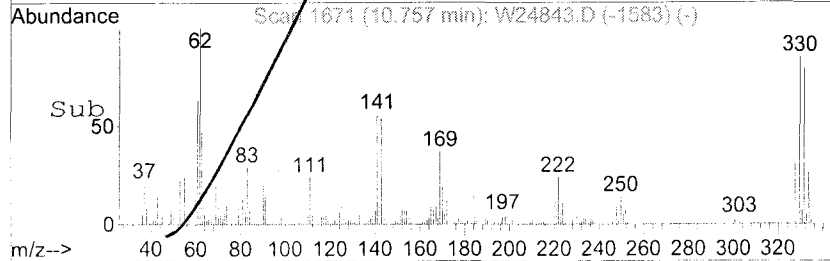
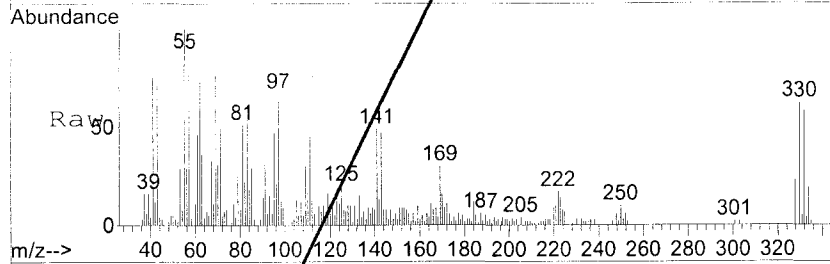
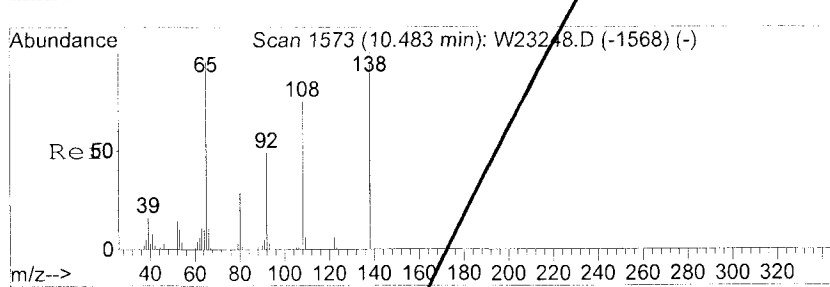
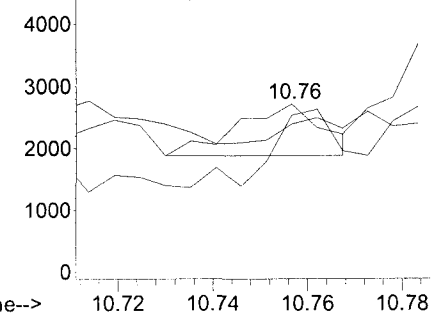
Abundance Ion 77.00 (76.50 to 77.50): W24843.D
 Ion 105.00 (104.50 to 105.50): W2484
 Ion 182.00 (181.50 to 182.50): W2484

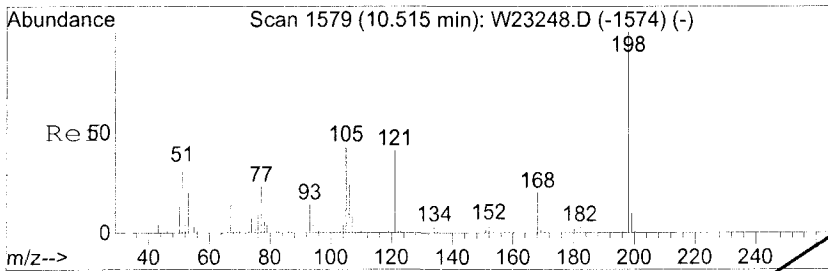


#55
 C595 4-Nitroaniline
 Concen: Below Cal
 RT: 10.76 min Scan# 1671
 Delta R.T. 0.22 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

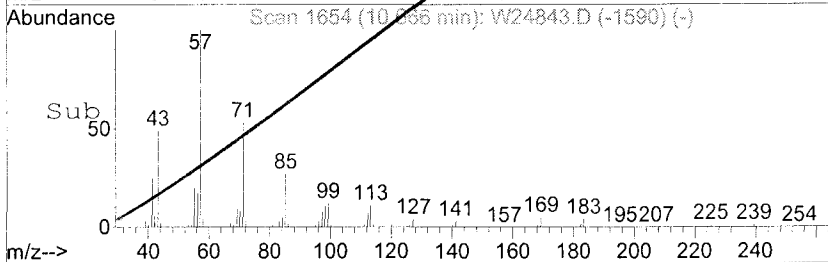
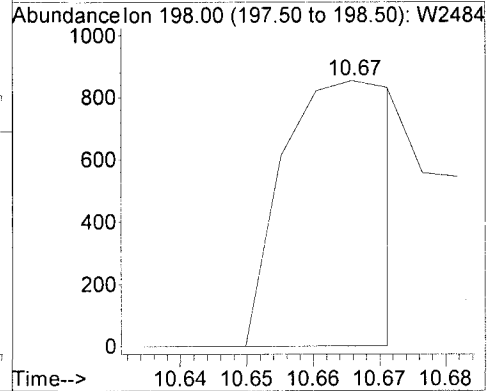
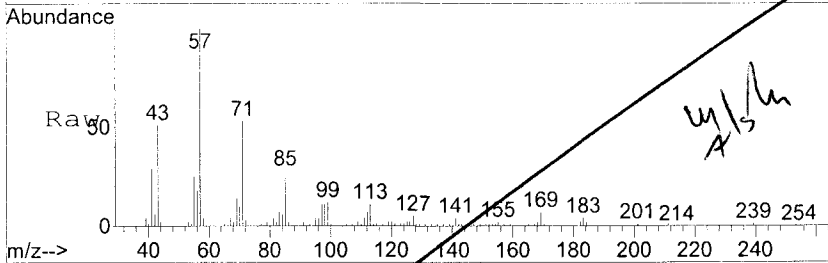
Tgt Ion	Resp	Lower	Upper
138	1049		
92	135.6	33.9	73.9#
108	8.5	65.9	105.9#

Abundance Ion 138.00 (137.50 to 138.50): W2484
 Ion 92.00 (91.50 to 92.50): W24843.D
 Ion 108.00 (107.50 to 108.50): W2484



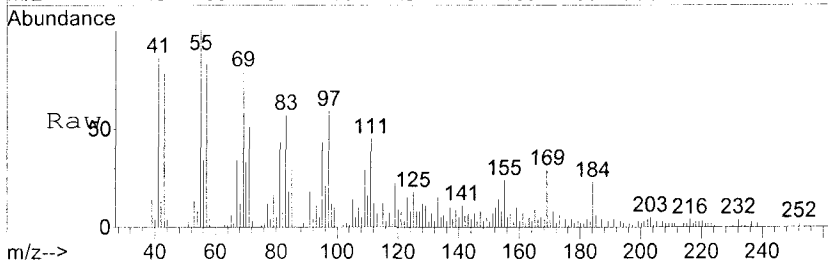
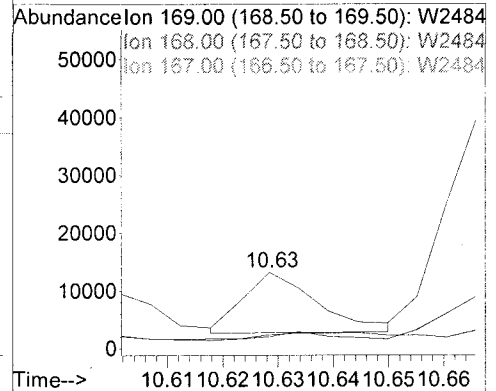
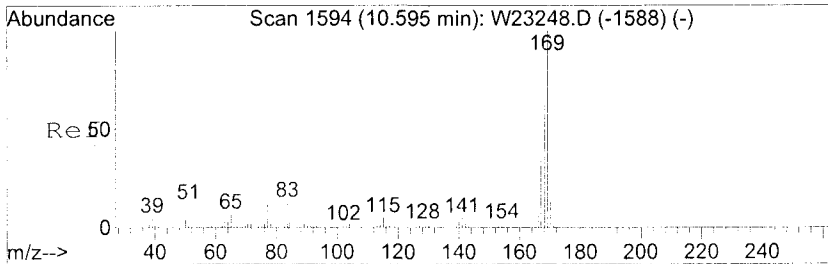


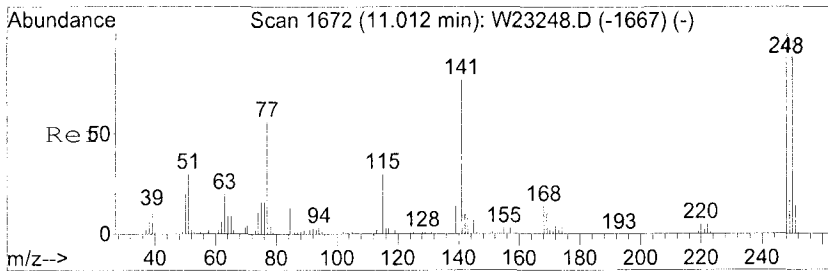
#57
 C610 4,6-Dinitro-2-methylpheno:
 Concen: 12.27 ng
 RT: 10.67 min Scan# 1654
 Delta R.T. 0.09 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm
 Tgt Ion:198 Resp: 998



#58
 C615 n-Nitrosodiphenylamine
 Concen: 3.19 ng
 RT: 10.63 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

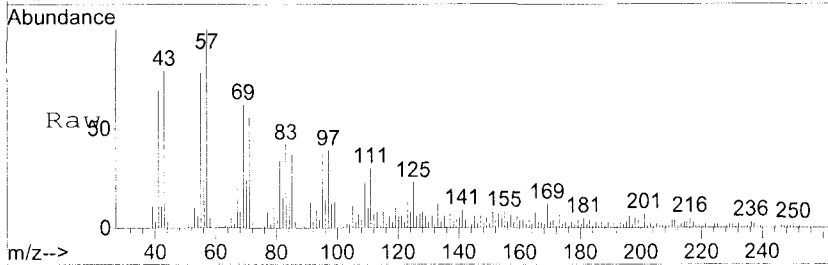
Tgt Ion:169	Resp:	9890
Ion Ratio	Lower	Upper
169	100	
168	6.1	40.1 80.1#
167	6.9	13.4 53.4#



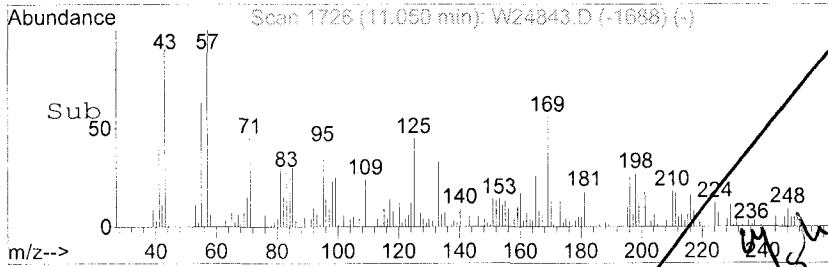
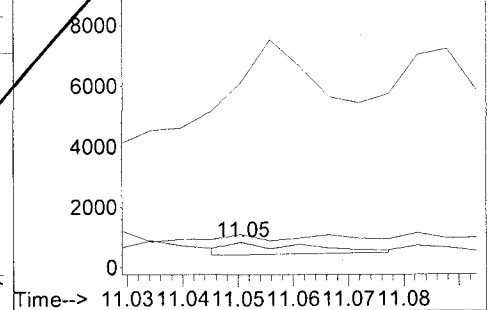


#60
 C625 4-Bromophenyl-phenylether
 Concen: 0.35 ng
 RT: 11.05 min Scan# 1726
 Delta R.T. 0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
248	100		
250	66.4	78.2	118.2#
141	352.0	69.0	109.0#

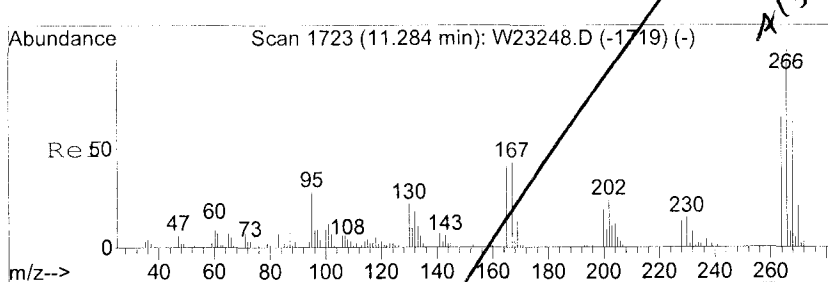


Abundance Ion 248.00 (247.50 to 248.50): W2484
 Ion 250.00 (249.50 to 250.50): W2484
 Ion 141.00 (140.50 to 141.50): W2484

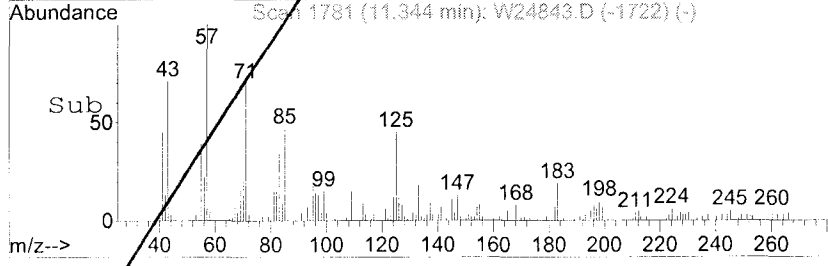
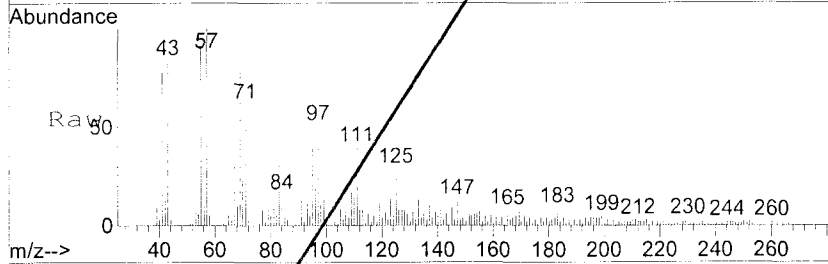
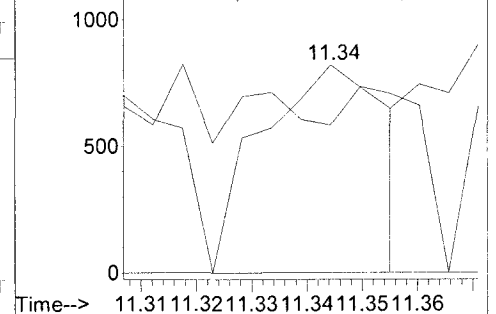


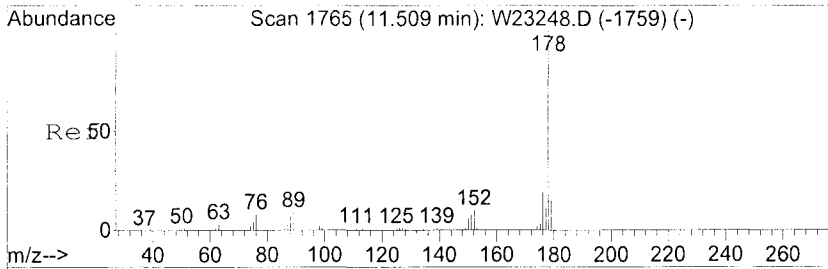
#62
 C635 Pentachlorophenol
 Concen: 13.64 ng
 RT: 11.34 min Scan# 1781
 Delta R.T. 0.02 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
266	100		
264	8.6	40.7	80.7#
268	0.0	43.6	83.6#



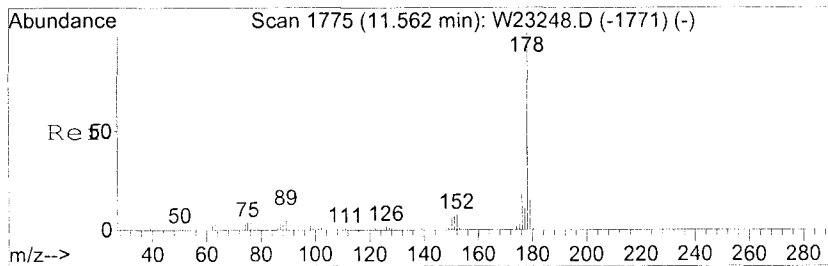
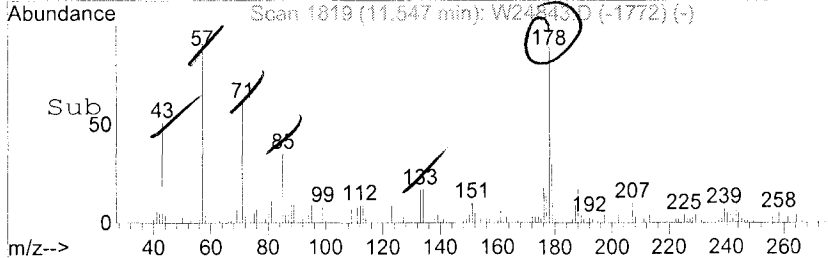
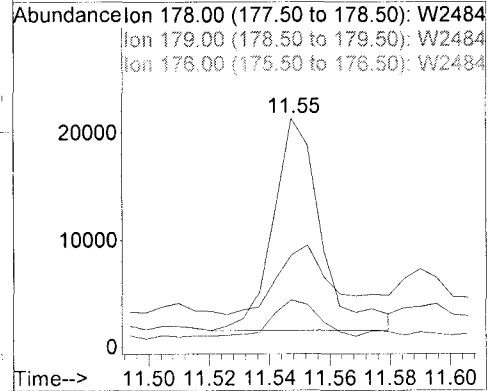
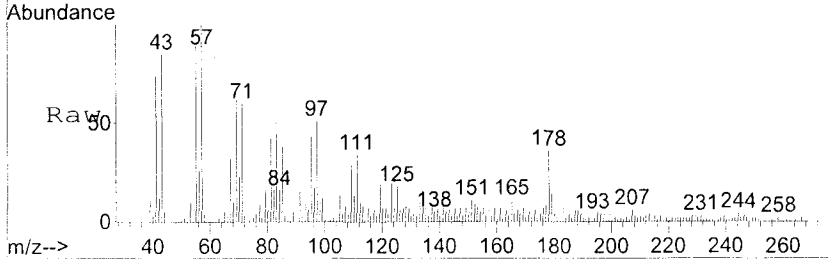
Abundance Ion 266.00 (265.50 to 266.50): W2484
 Ion 264.00 (263.50 to 264.50): W2484
 Ion 268.00 (267.50 to 268.50): W2484





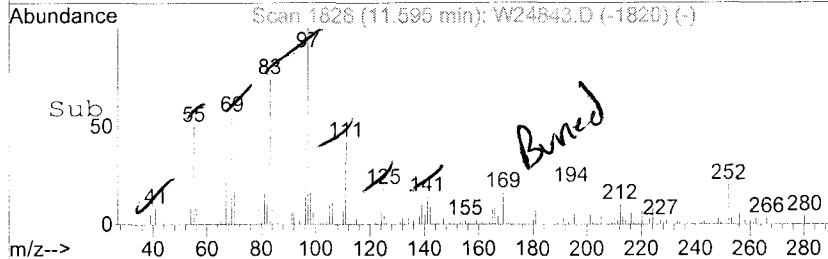
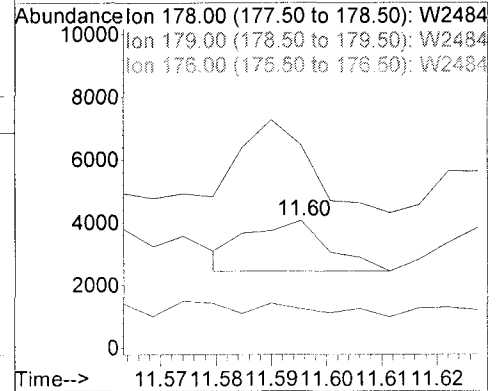
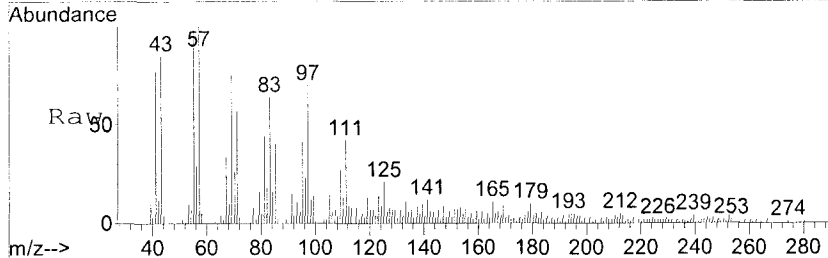
#63
 C640 Phenanthrene
 Concen: 3.37 ng
 RT: 11.55 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.6	0.0	34.3
176	17.0	0.0	38.0

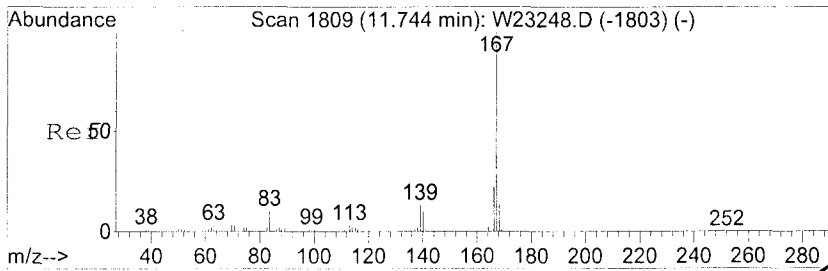


#64
 C645 Anthracene
 Concen: 0.25 ng
 RT: 11.60 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
178	100		
179	134.7	0.0	34.5#
176	15.8	0.0	37.1

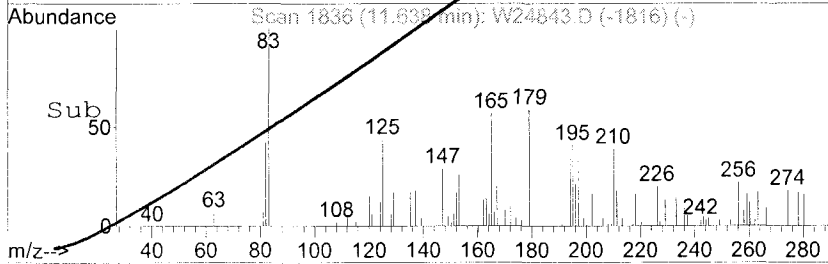
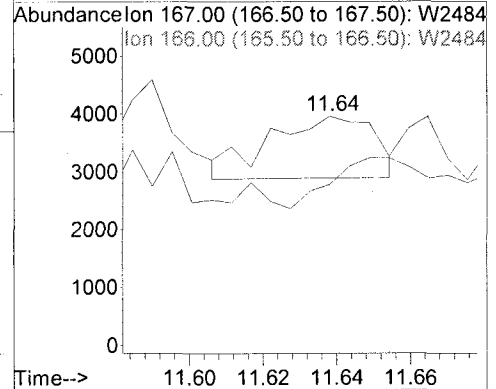
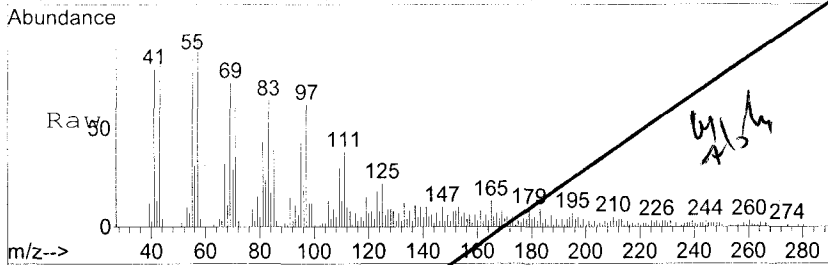


Handwritten signature/initials



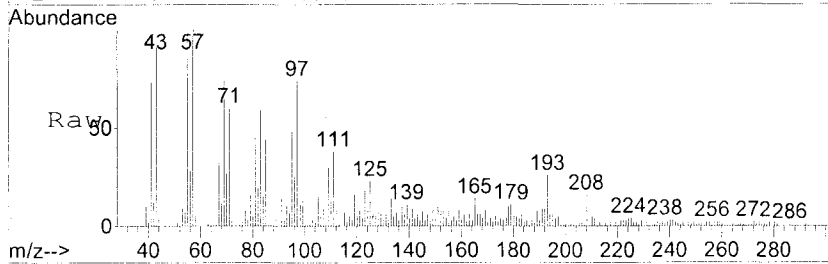
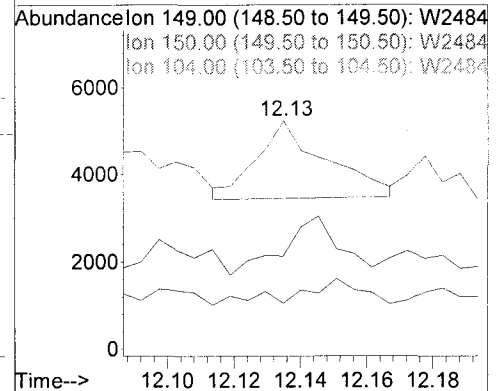
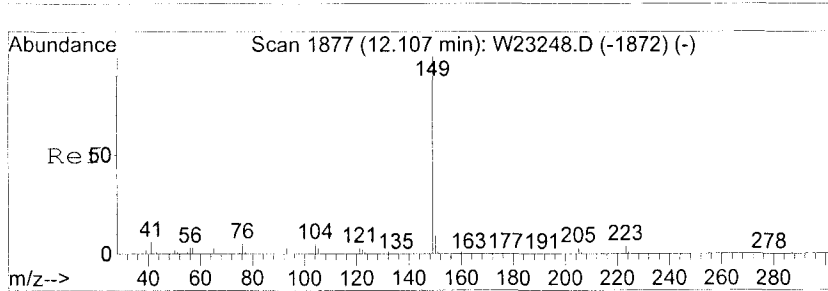
#65
 C647 carbazole
 Concen: 0.32 ng
 RT: 11.64 min Scan# 1836
 Delta R.T. -0.14 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

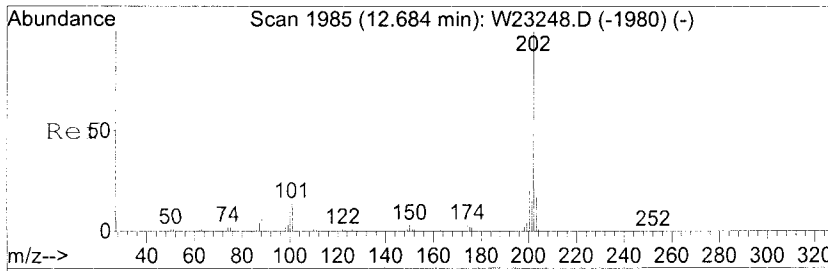
Tgt Ion	Resp	Lower	Upper
167	100		
166	8.9	0.0	39.1



#66
 C650 Di-n-butylphthalate
 Concen: 0.33 ng
 RT: 12.13 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

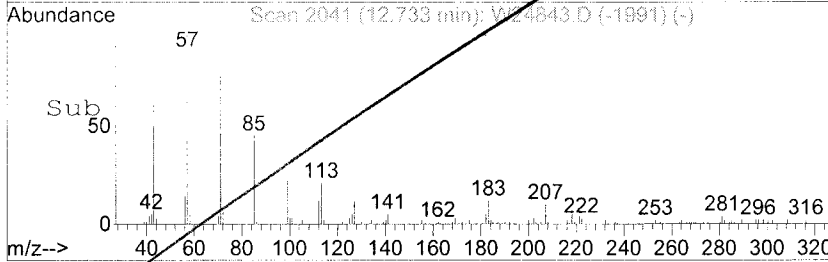
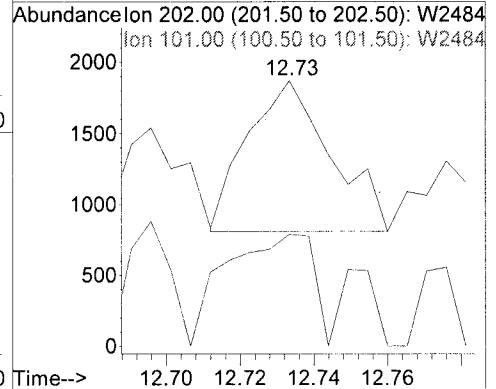
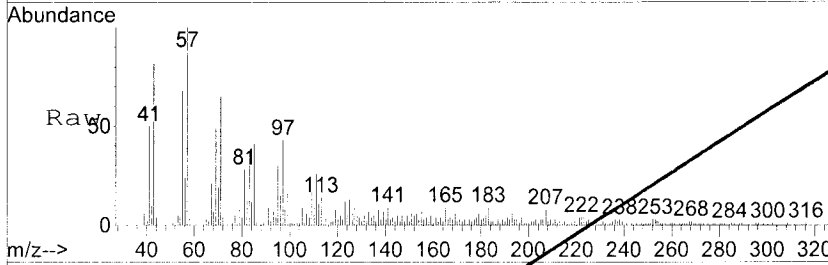
Tgt Ion	Resp	Lower	Upper
149	100		
150	3.3	0.0	28.5
104	2.6	0.0	25.2





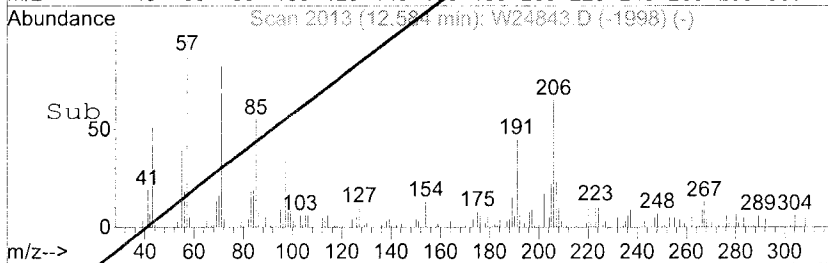
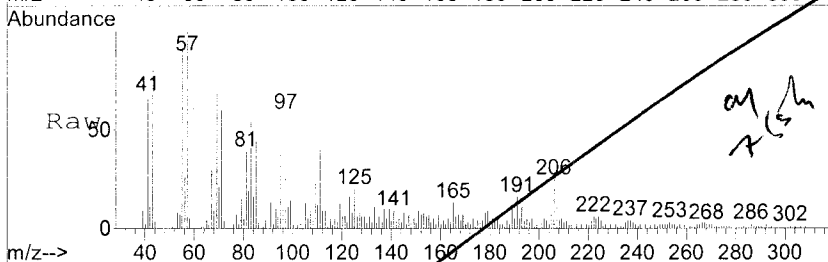
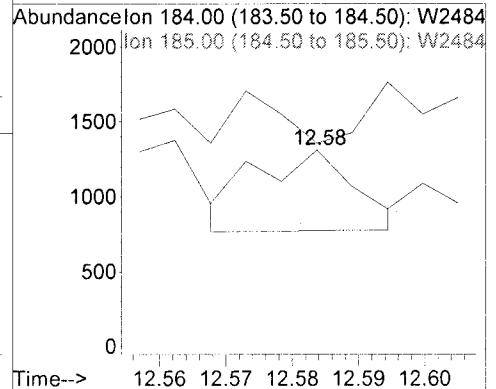
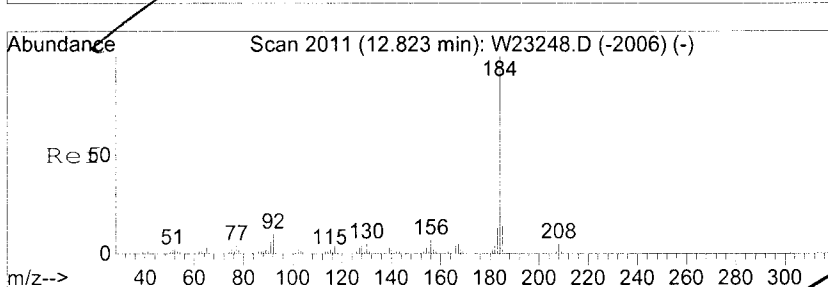
#67
 C655 Fluoranthene
 Concen: 0.22 ng
 RT: 12.73 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

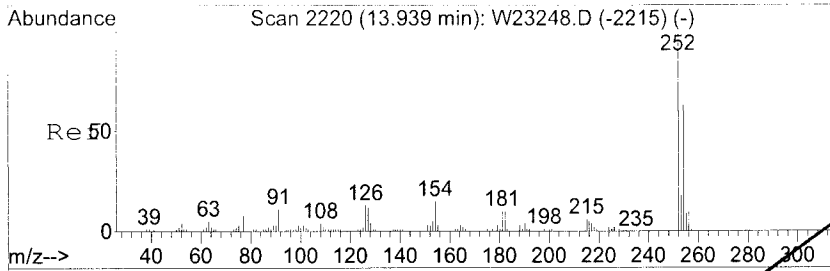
Tgt Ion:	202	Resp:	1673
Ion Ratio	100	Lower	Upper
101	74.3	0.0	30.7#



#70
 C710 benzidine
 Concen: Below Cal
 RT: 12.58 min Scan# 2013
 Delta R.T. -0.27 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

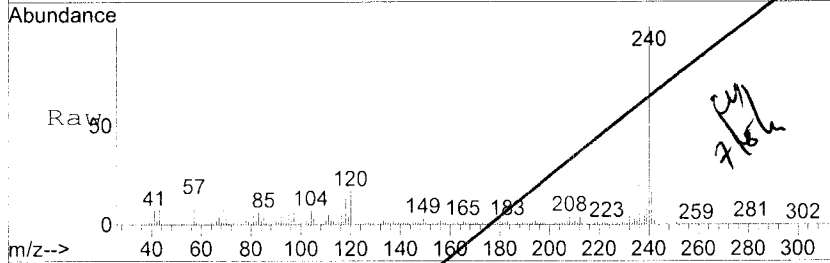
Tgt Ion:	184	Resp:	567
Ion Ratio	100	Lower	Upper
184	100		
185	30.9	0.0	33.9



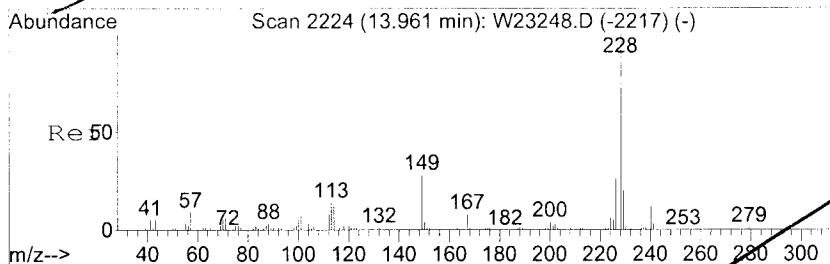
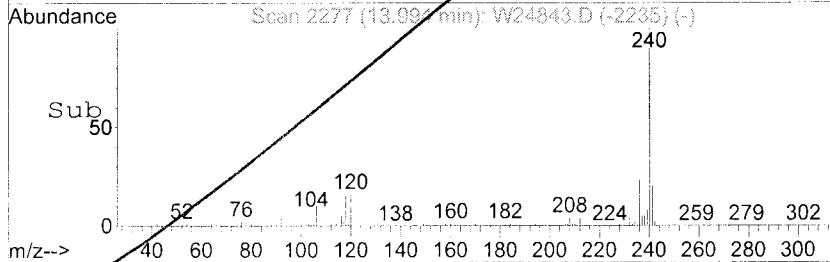
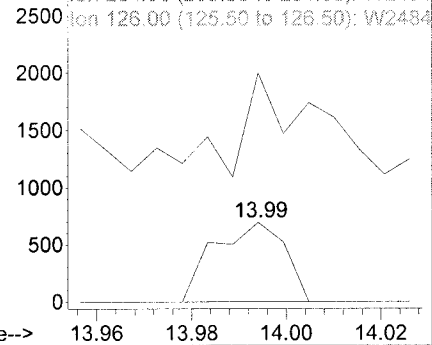


#73
 C725 3,3'-Dichlorobenzidine
 Concen: 0.28 ng
 RT: 13.99 min Scan# 2277
 Delta R.T. 0.03 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	42.5	82.5#
126	93.9	0.0	33.6#

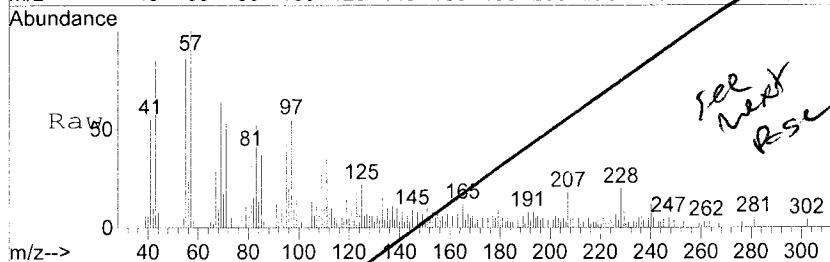


Abundance Ion 252.00 (251.50 to 252.50): W2484
 Ion 254.00 (253.50 to 254.50): W2484
 Ion 126.00 (125.50 to 126.50): W2484

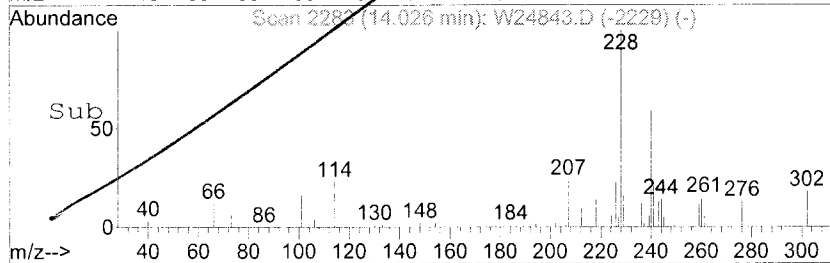
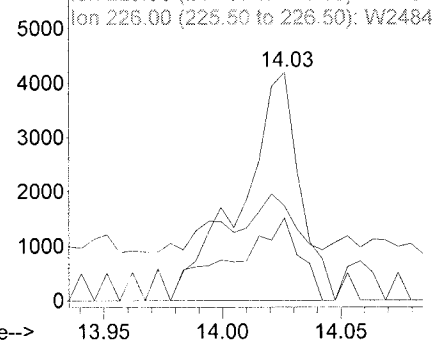


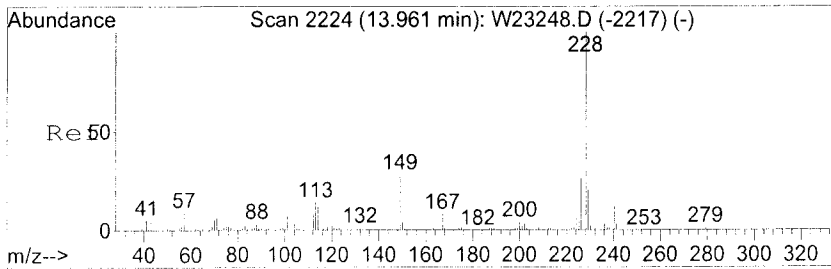
#74
 C730 Benzo[a]anthracene
 Concen: 0.98 ng
 RT: 14.03 min Scan# 2283
 Delta R.T. 0.04 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	0.0	38.8
226	36.0	4.8	44.8



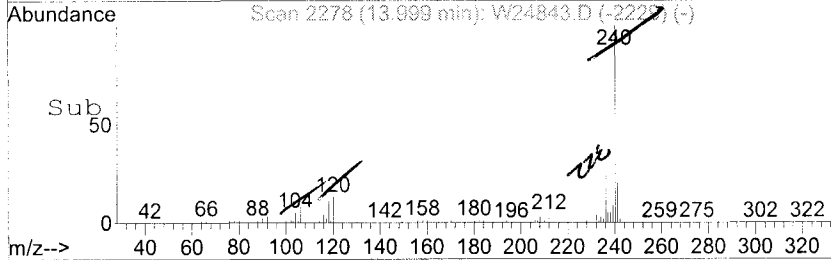
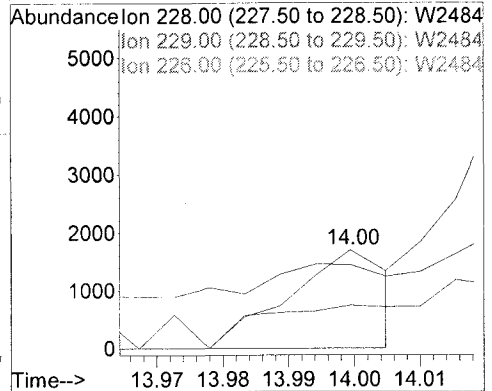
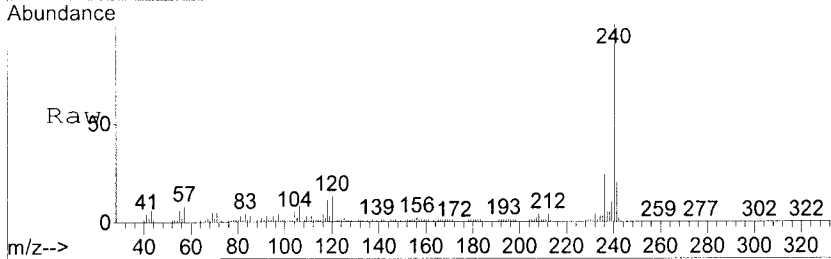
Abundance Ion 228.00 (227.50 to 228.50): W2484
 Ion 229.00 (228.50 to 229.50): W2484
 Ion 226.00 (225.50 to 226.50): W2484



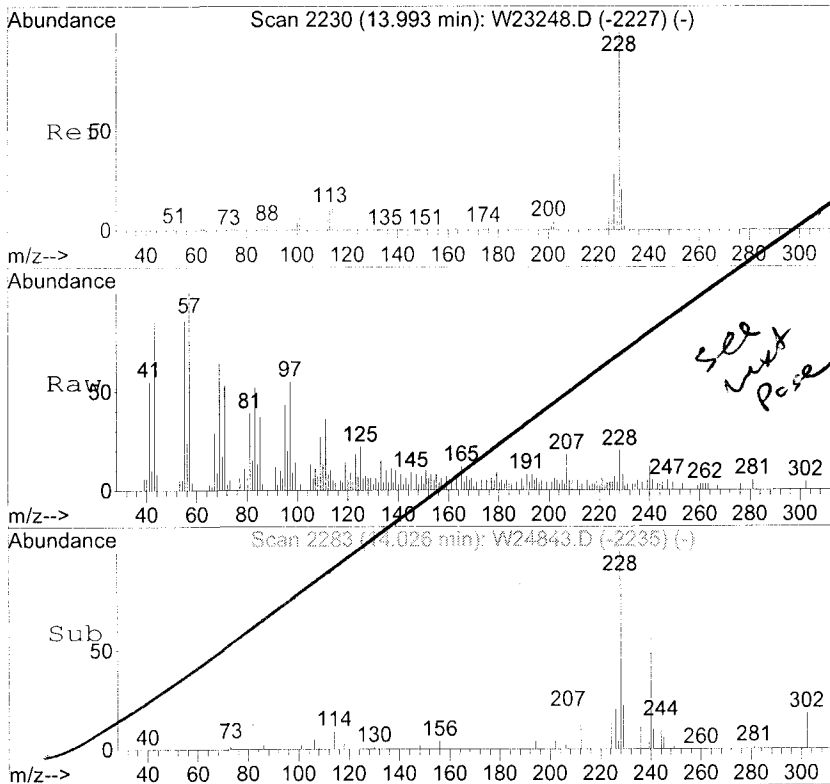


#74
C730 Benzo[a]anthracene
Concen: 0.25 ng m
RT: 14.00 min Scan# 2278
Delta R.T. 0.01 min
Lab File: W24843.D
Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
229	85.1	0.0	38.8#
226	43.8	4.8	44.8

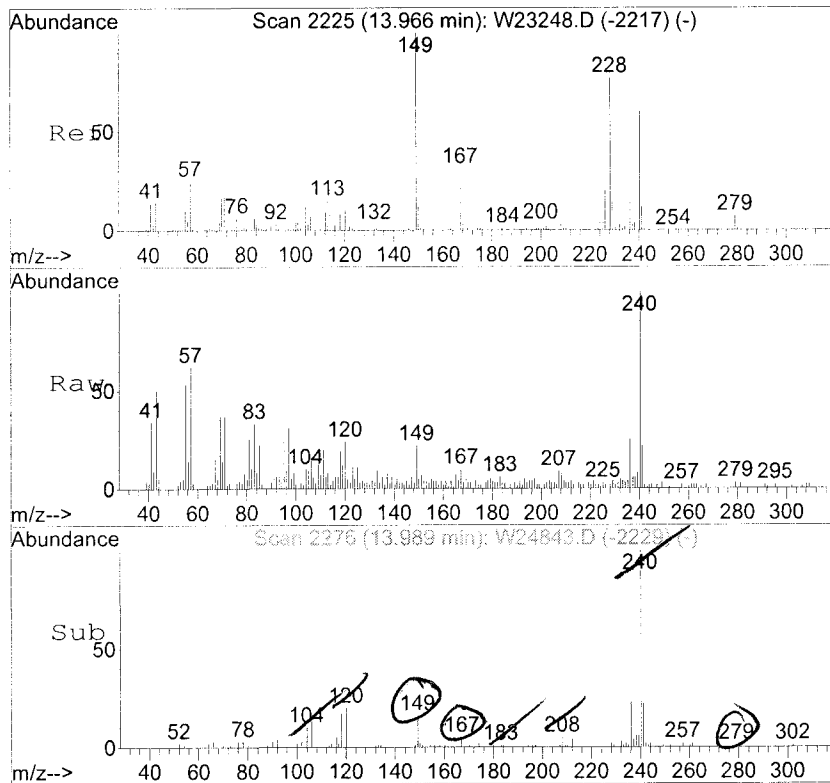
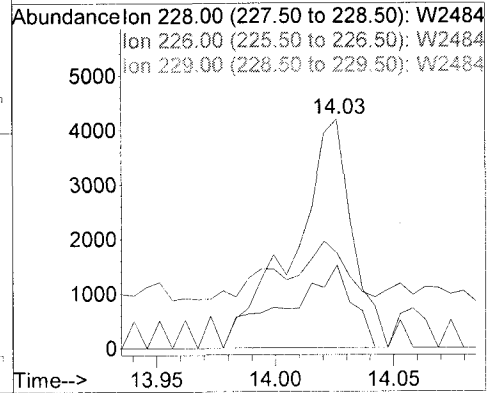


WLS



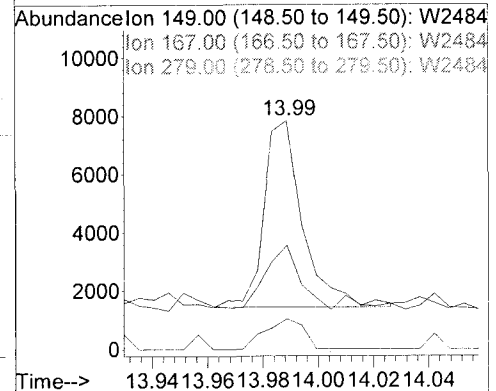
#75
 C735 Chrysene
 Concen: 1.04 ng
 RT: 14.03 min Scan# 2283
 Delta R.T. 0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	7159		
226	36.0	7.1	47.1	
229	20.0	0.0	38.8	

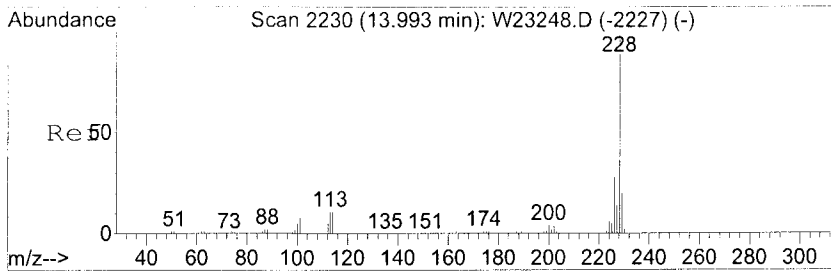


#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 1.21 ng
 RT: 13.99 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	6262		
167	32.3	13.1	53.1	
279	16.0	0.0	27.5	

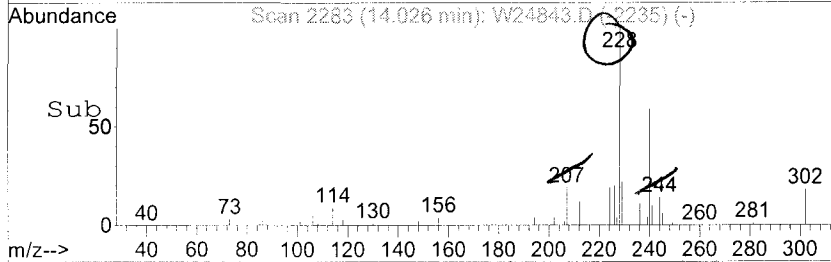
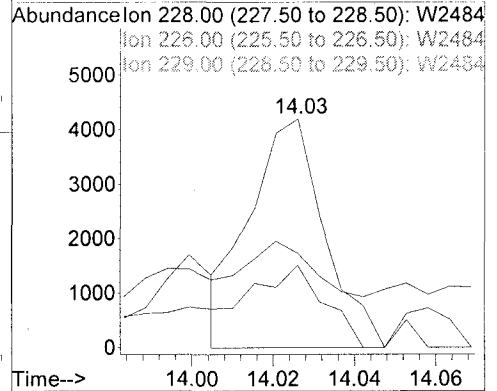
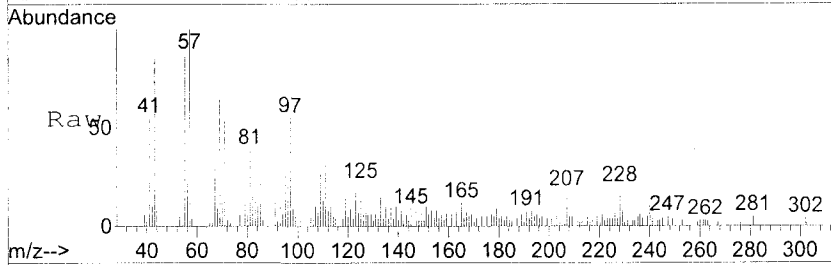


m/s
 x

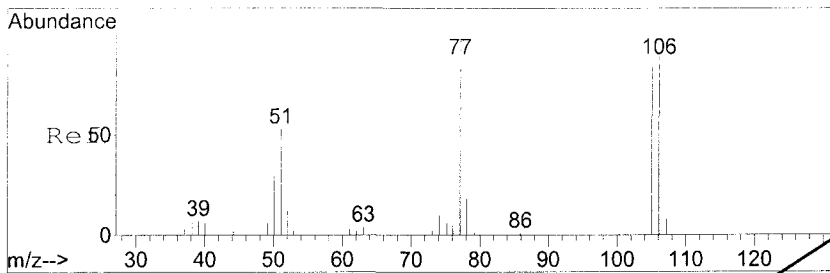


#75
C735 Chrysene
Concen: 0.78 ng m
RT: 14.03 min Scan# 2283
Delta R.T. 0.01 min
Lab File: W24843.D
Acq: 2 Jul 2008 7:51 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.0	7.1	47.1
229	41.3	0.0	38.8#

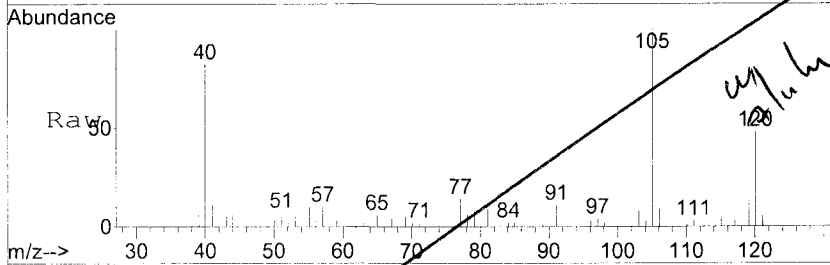


WJL
7/5/08

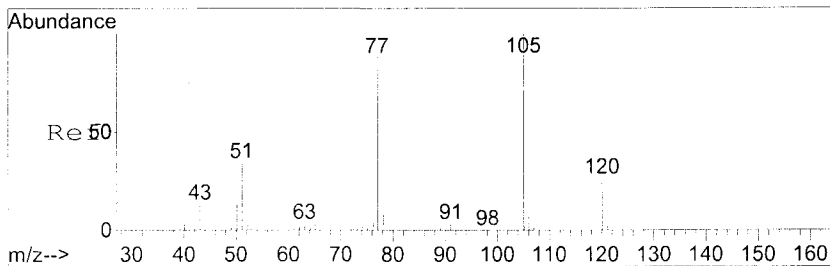
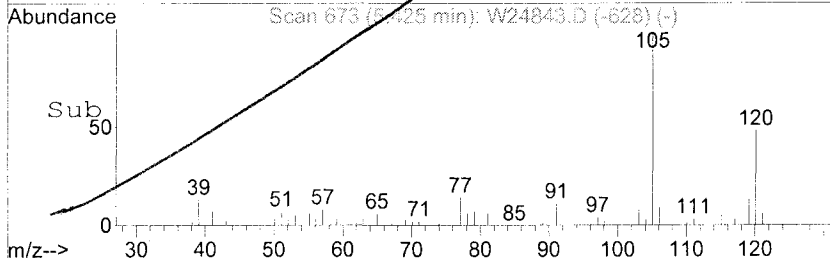
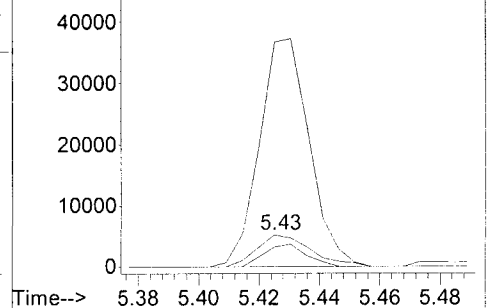


#2
 E600 Benzaldehyde
 Concen: 5.21 ng
 RT: 5.43 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 19:51

Tgt Ion	Resp	Lower	Upper
77	6452		
105	709.3	64.9	104.9#
106	62.0	67.0	107.0#

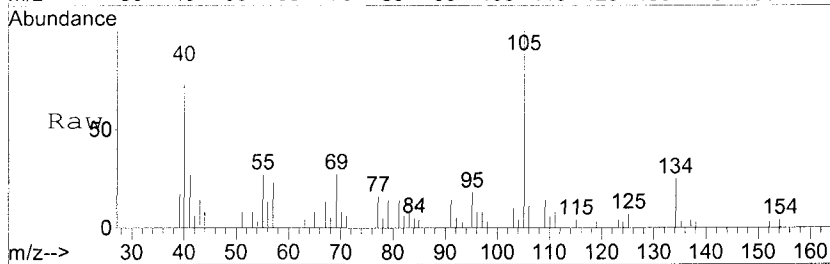


Abundance Ion 77.00 (76.70 to 77.70): W24843.D
 Ion 105.00 (104.70 to 105.70): W24843.D
 Ion 106.00 (105.70 to 106.70): W24843.D

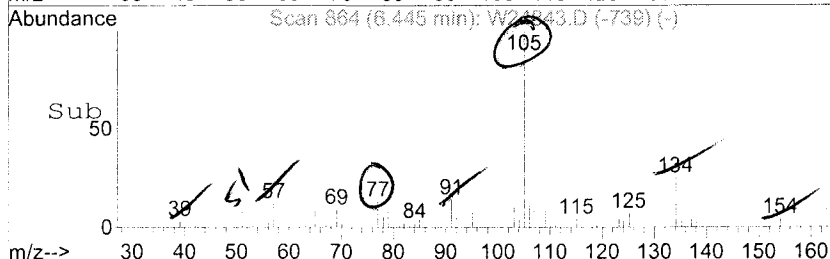
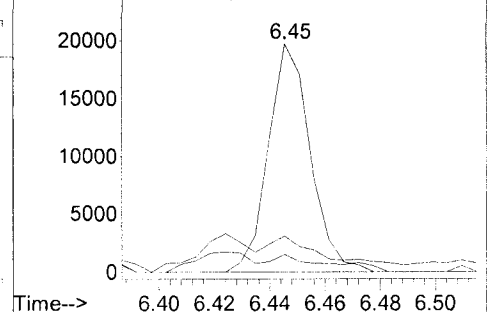


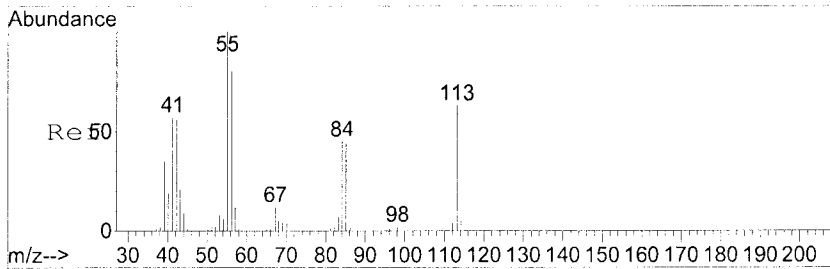
#3
 E145 Acetophenone
 Concen: 10.18 ng
 RT: 6.45 min Scan# 864
 Delta R.T. -0.08 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 19:51

Tgt Ion	Resp	Lower	Upper
105	20794		
105	100		
77	11.6	68.8	108.8#
51	7.6	19.0	59.0#



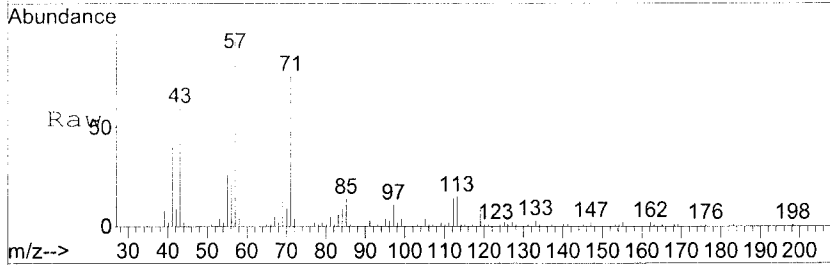
Abundance Ion 105.00 (104.70 to 105.70): W24843.D
 Ion 77.00 (76.70 to 77.70): W24843.D
 Ion 51.00 (50.70 to 51.70): W24843.D



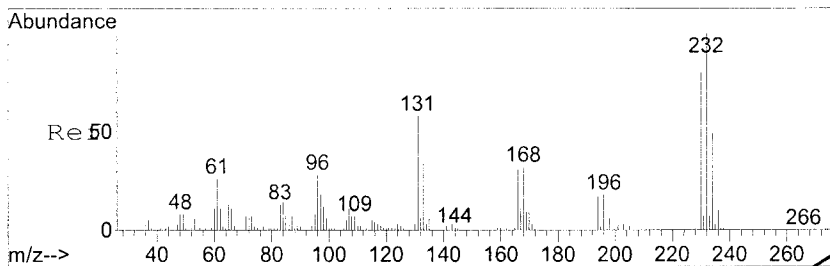
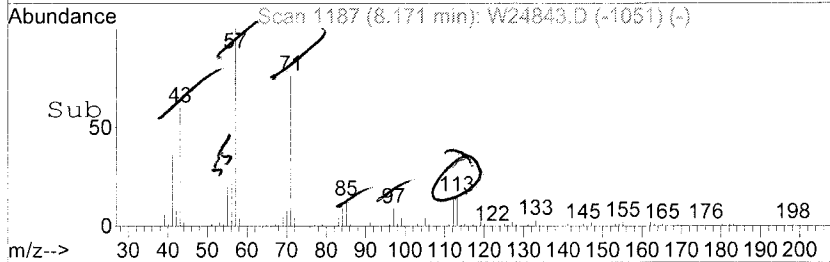
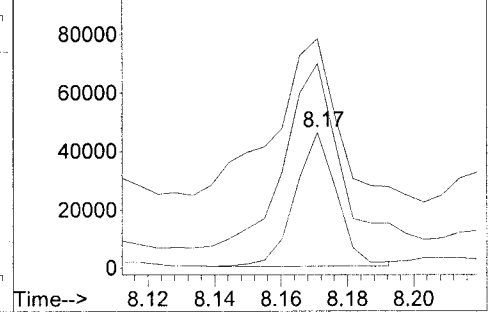


#5
 E655 Caprolactam
 Concen: 76.37 ng
 RT: 8.17 min Scan# 1187
 Delta R.T. -0.03 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 19:51

Tgt Ion	Resp	Lower	Upper
113	40356	100	100
55	109.9	166.3	206.3#
56	136.1	120.3	160.3

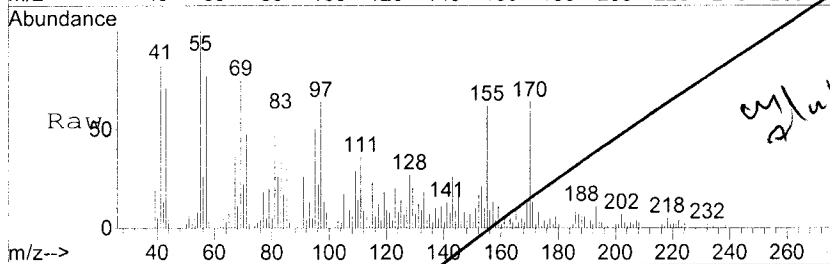


Abundance Ion 113.00 (112.70 to 113.70): W2484
 Ion 55.00 (54.70 to 55.70): W24843.D
 Ion 56.00 (55.70 to 56.70): W24843.D

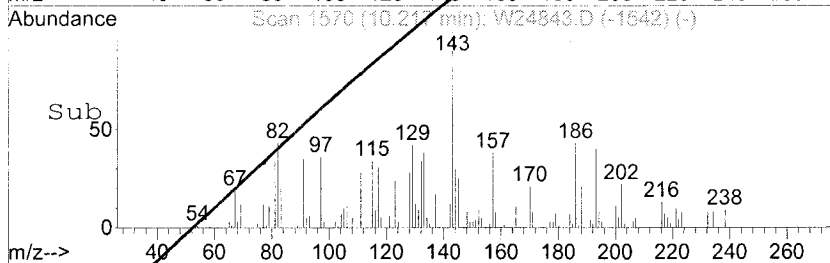
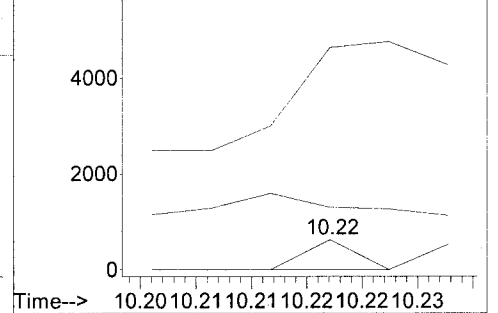


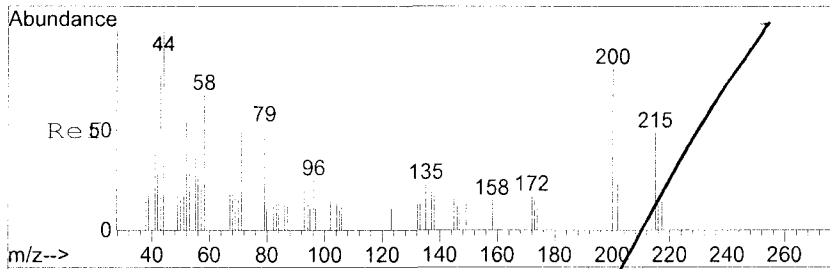
#9
 E230 2,3,4,6-Tetrachlorophenol
 Concen: 8.43 ng
 RT: 10.22 min Scan# 1570
 Delta R.T. -0.05 min
 Lab File: W24843.D
 Acq: 2 Jul 2008 19:51

Tgt Ion	Resp	Lower	Upper
232	201	100	100
166	5.1	12.5	52.5#
131	340.4	31.9	71.9#

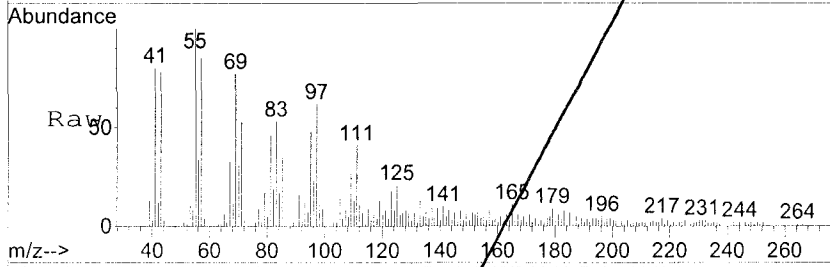


Abundance Ion 232.00 (231.70 to 232.70): W2484
 Ion 166.00 (165.70 to 166.70): W2484
 Ion 131.00 (130.70 to 131.70): W2484

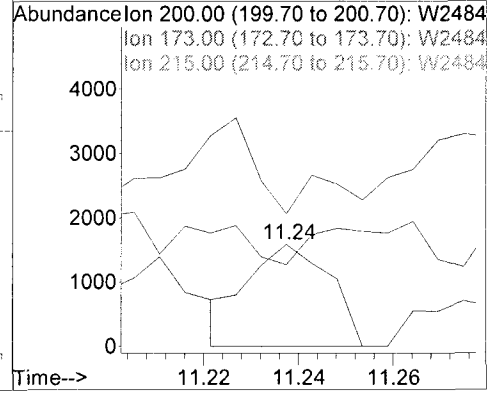
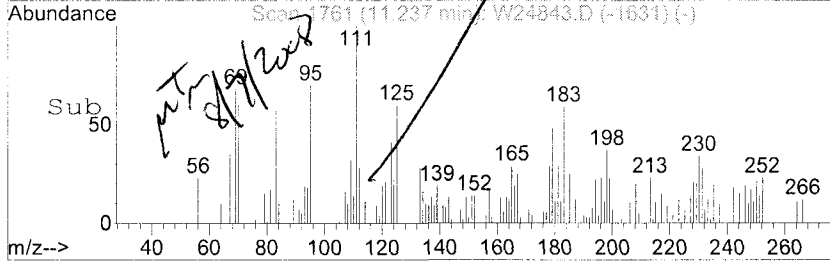




#11
E510 Atrazine
Concen: 1.46 ng
RT: 11.24 min Scan# 1761
Delta R.T. -0.05 min
Lab File: W24843.D
Acq: 2 Jul 2008 19:51



Tgt Ion	Resp	Lower	Upper
200	1918		
173	0.0	3.2	43.2#
215	0.0	36.3	76.3#



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

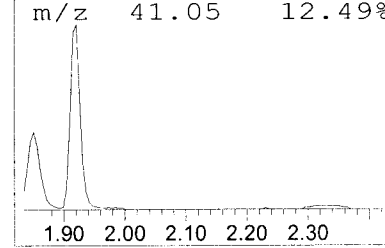
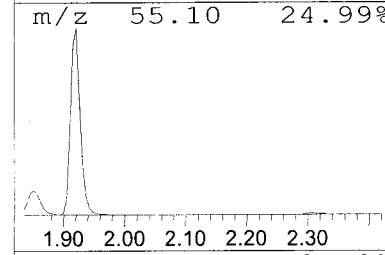
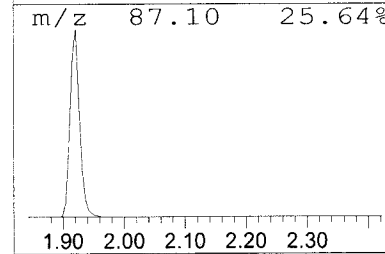
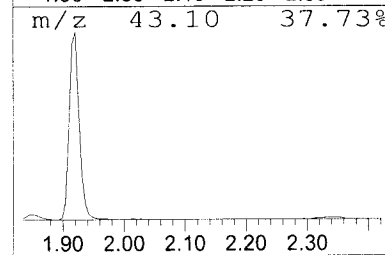
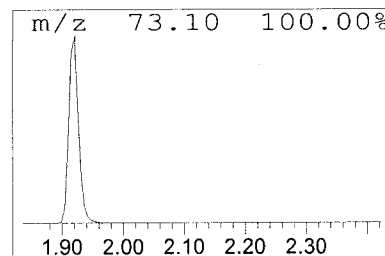
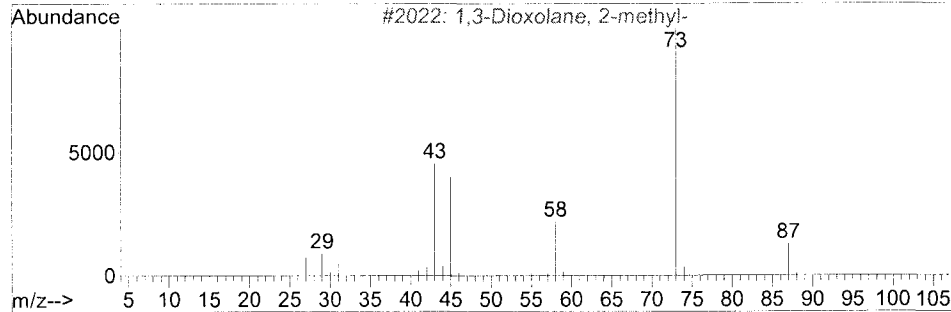
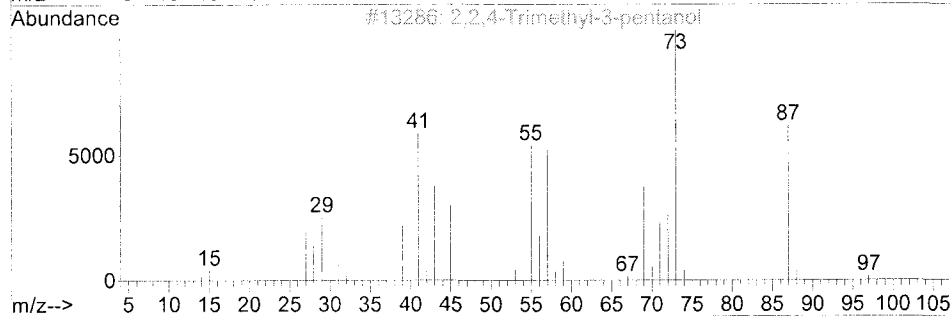
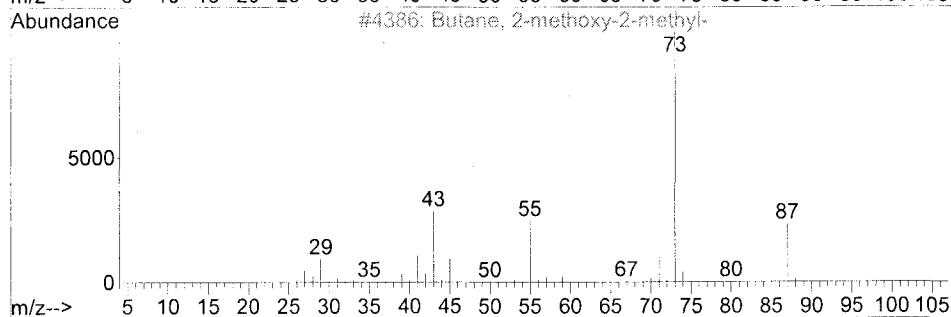
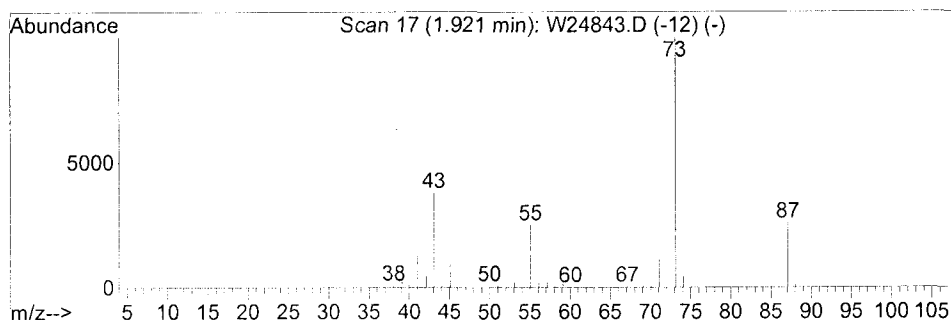
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.92	154.30 ng	1501440	CI30 1,4-Dichloro	389218	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

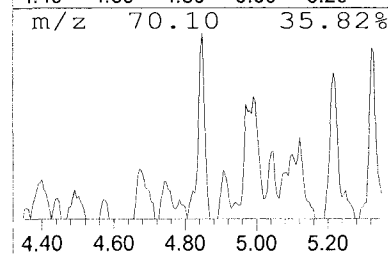
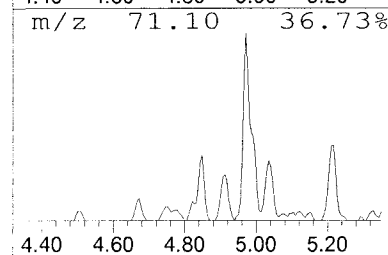
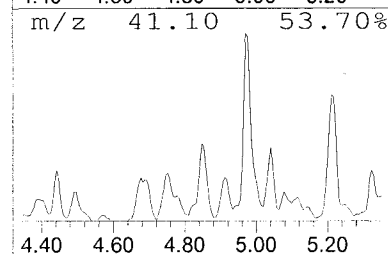
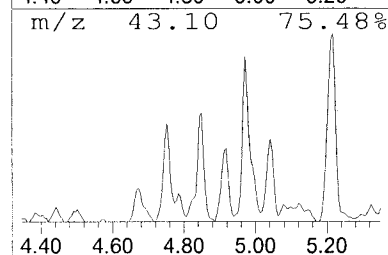
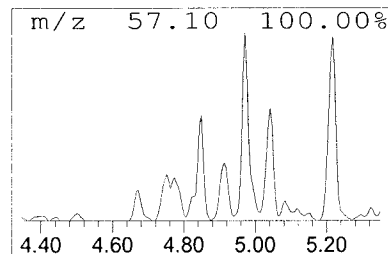
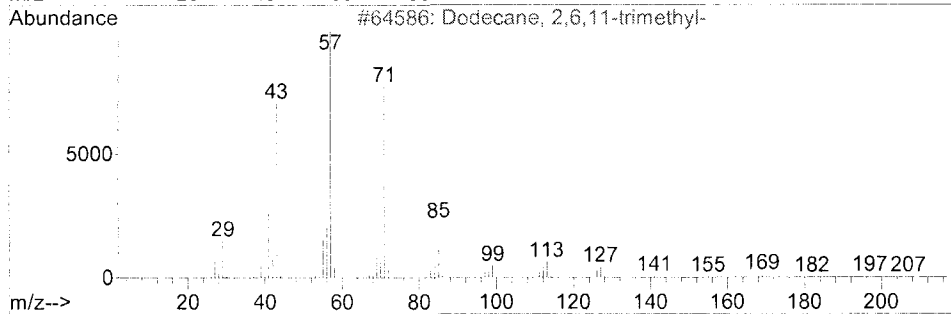
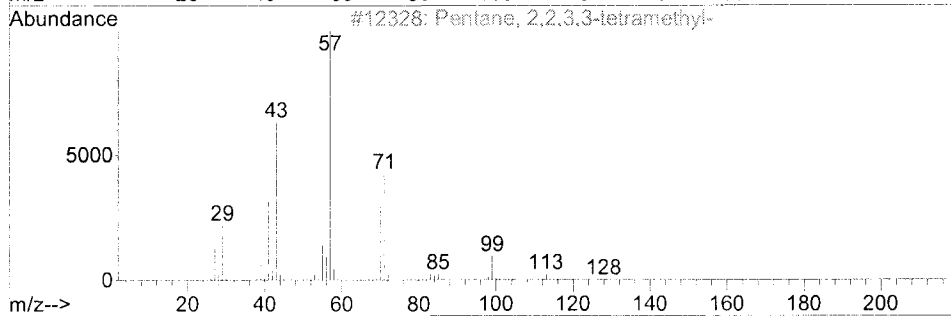
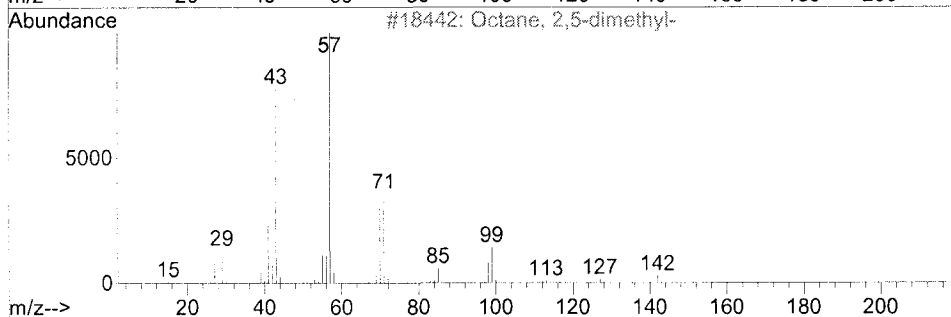
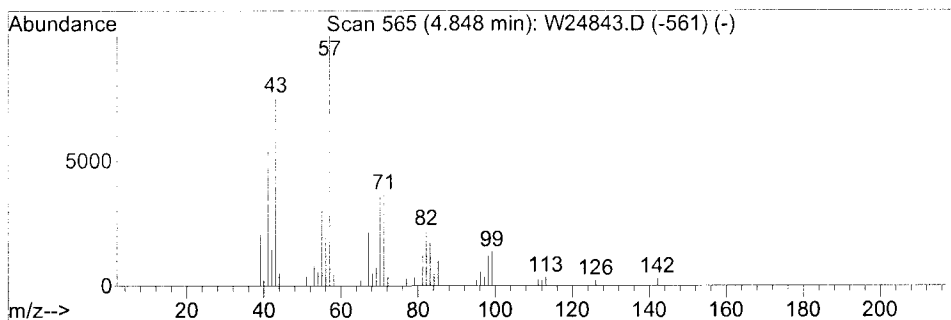
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 2 Octane, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.85	27.16 ng	264320	CI30 1,4-Dichloro	389218	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
2			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	38
5			Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	35



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

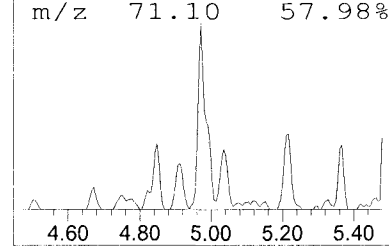
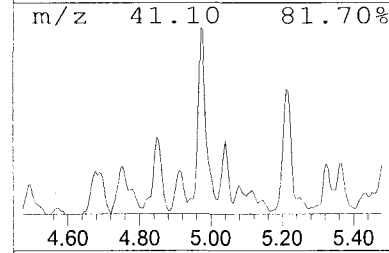
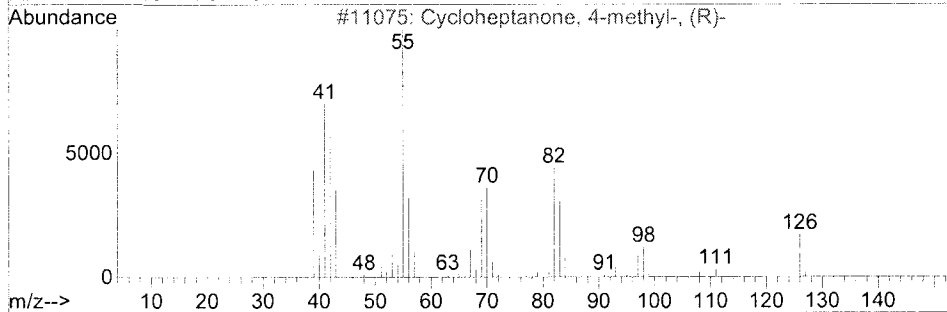
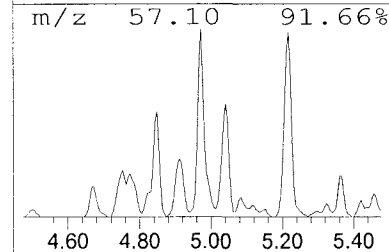
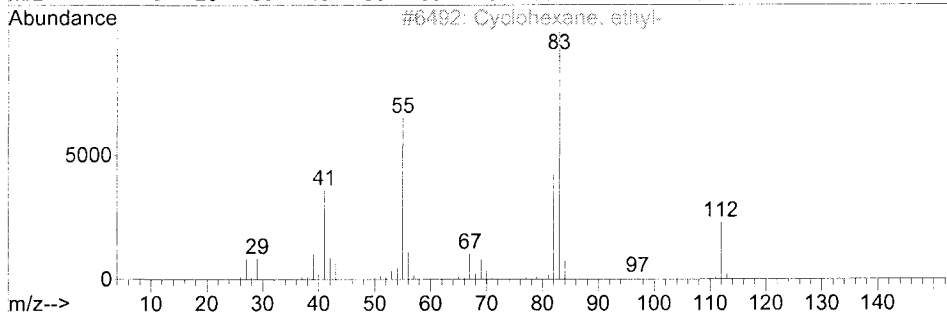
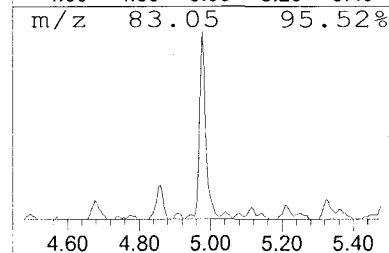
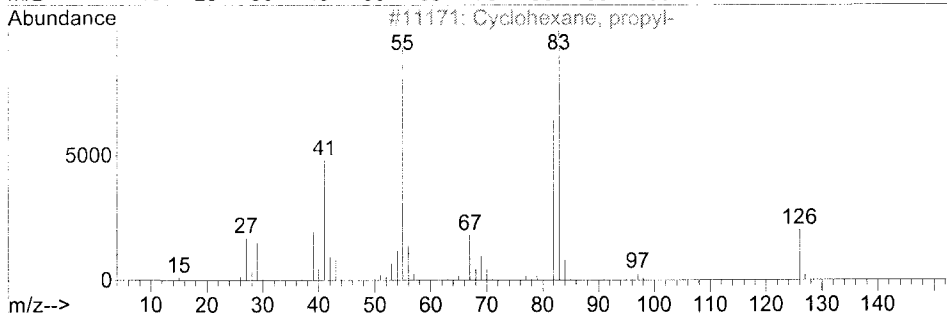
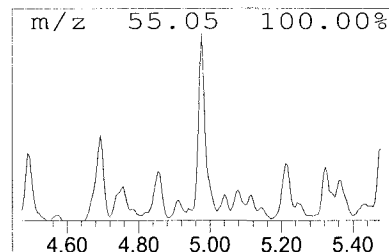
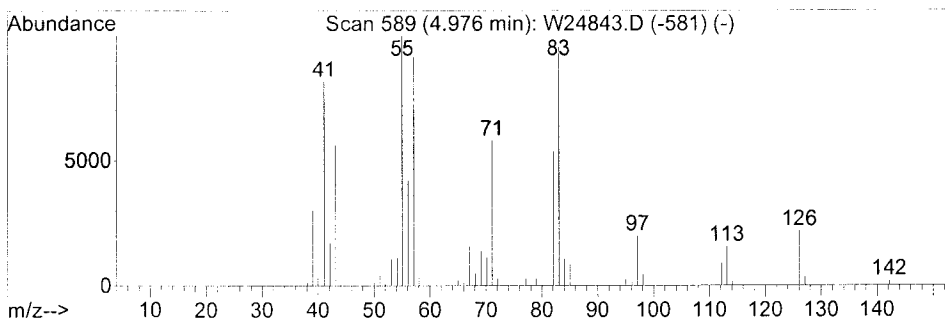
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 3 Cyclohexane, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.98	60.46 ng	588301	CI30 1,4-Dichloro	389218	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	55
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	45
3			Cycloheptanone, 4-methyl-, (R)-	126	C8H14O	013609-59-1	43
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	42
5			3-Ethyl-3-hexene	112	C8H16	016789-51-8	25



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

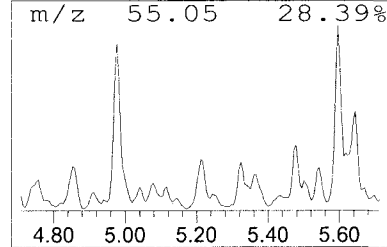
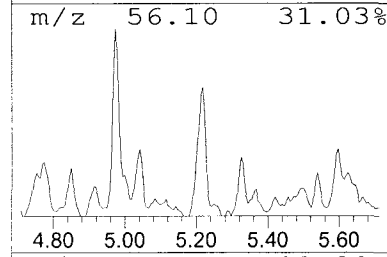
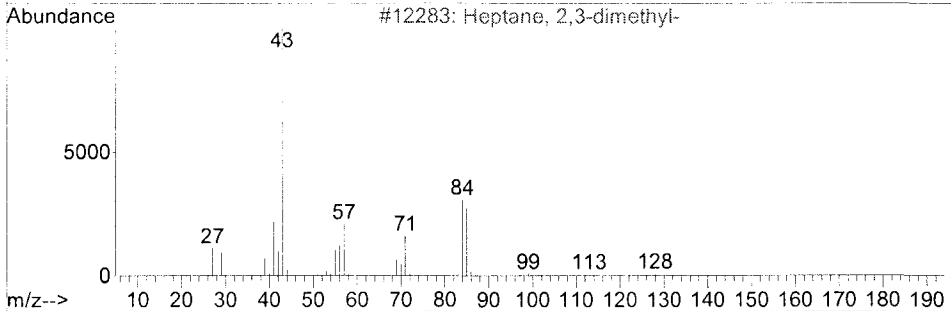
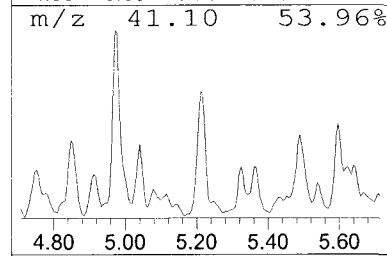
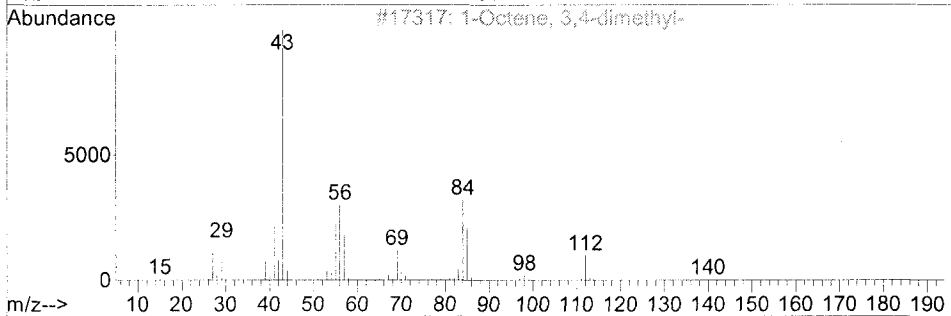
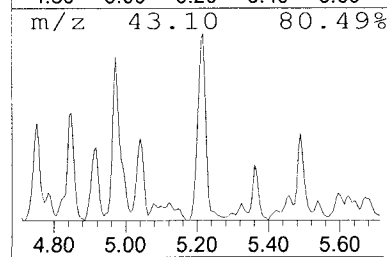
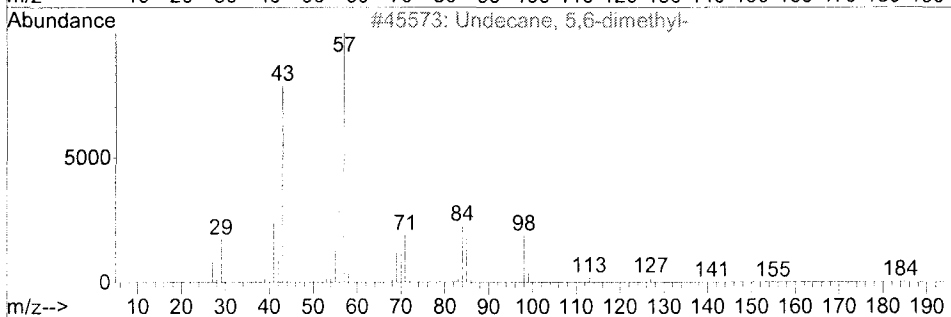
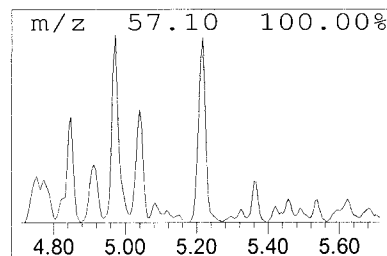
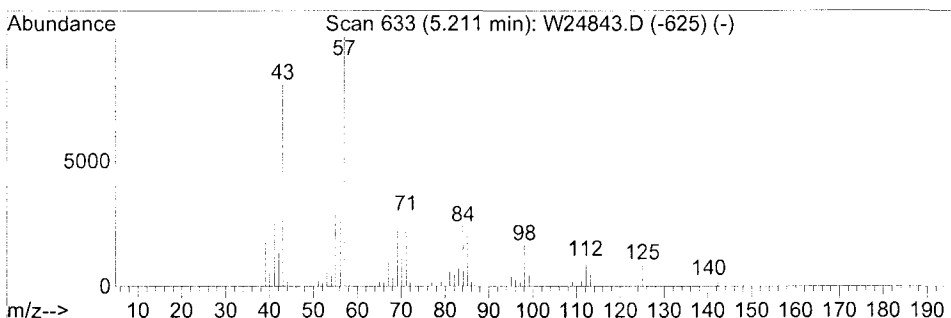
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 4 Undecane, 5,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
5.21	46.00 ng	447567	CI30 1,4-Dichloro	389218	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2			1-Octene, 3,4-dimethyl-	140	C10H20	056728-11-1	47
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
5			Decane	142	C10H22	000124-18-5	43



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

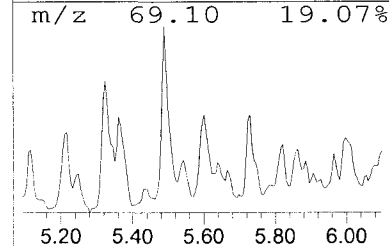
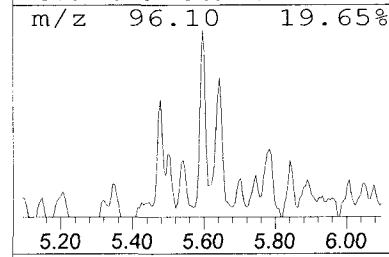
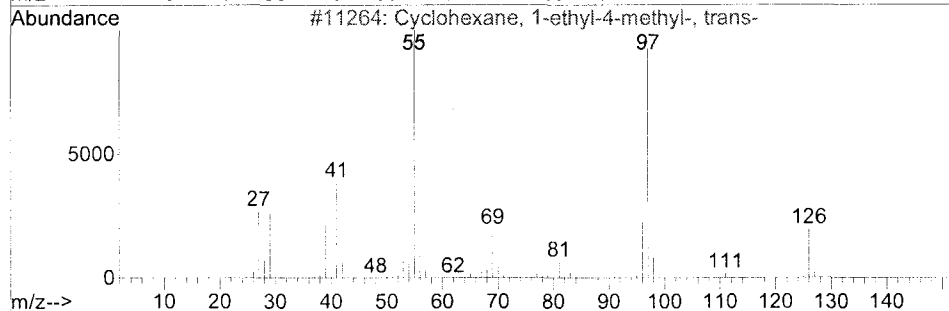
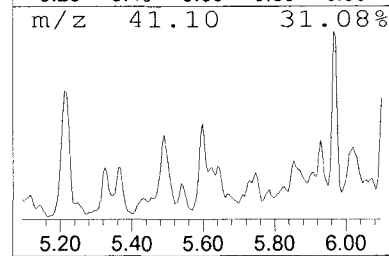
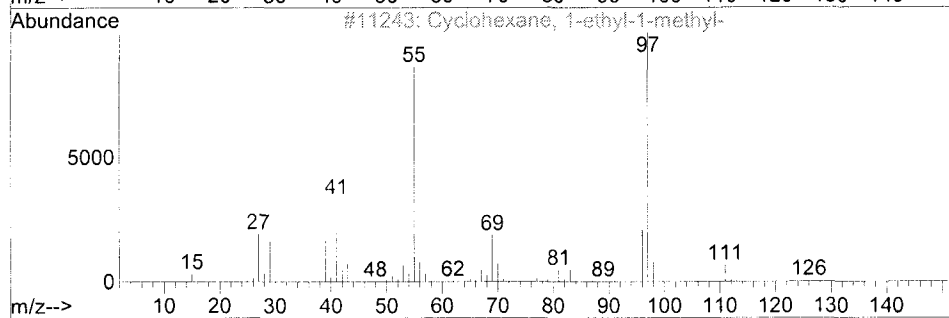
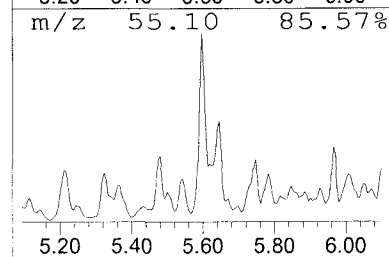
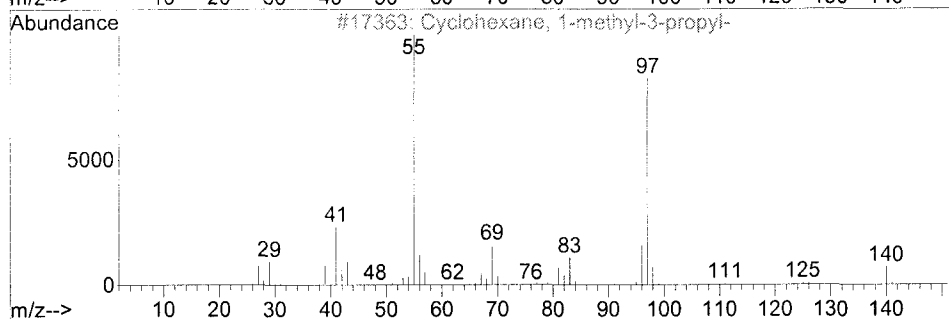
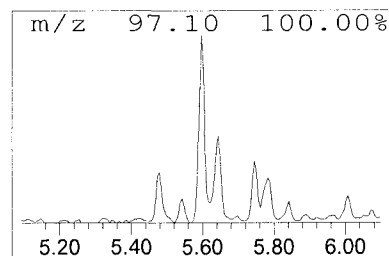
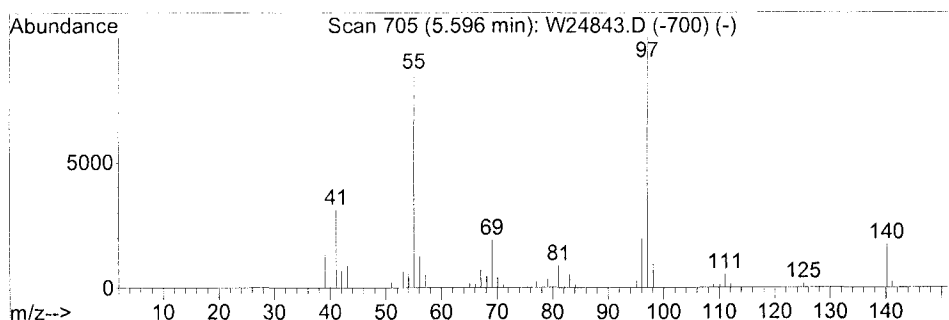
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 5 Cyclohexane, 1-methyl-3-pro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
5.60	41.19 ng	400842	CI30 1,4-Dichloro	389218	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	78
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
4			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

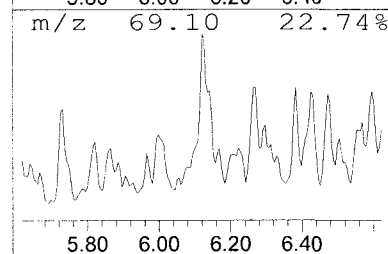
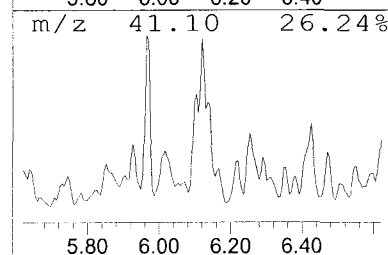
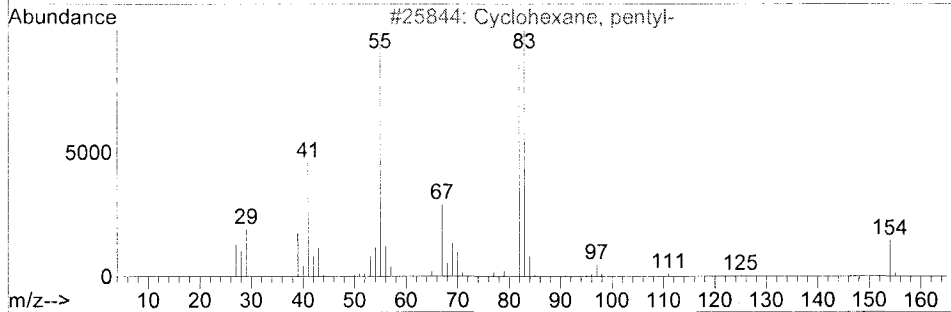
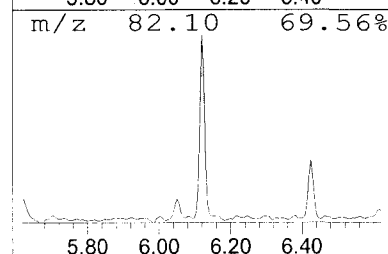
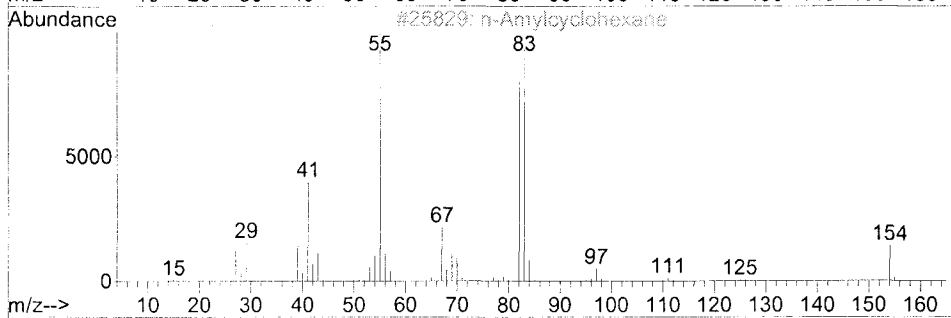
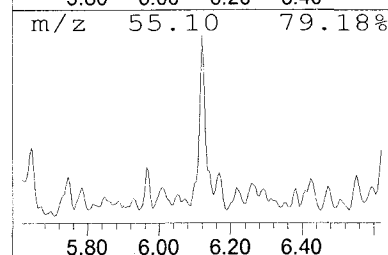
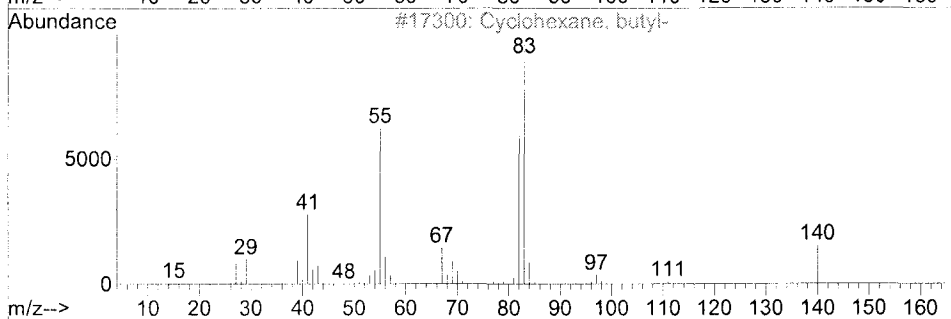
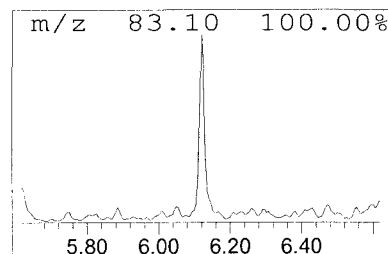
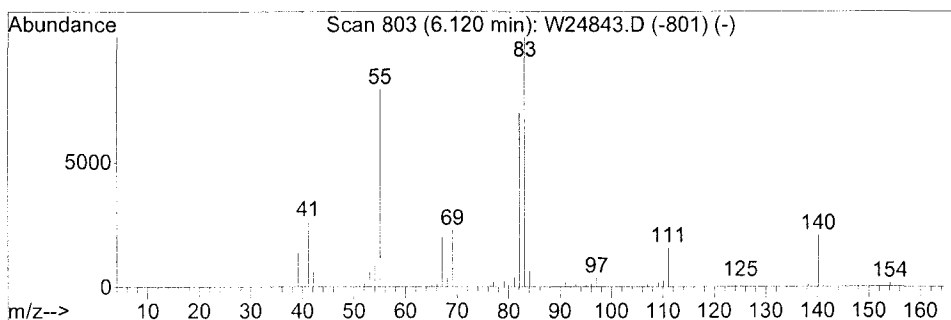
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 6 Cyclohexane, butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
6.12	42.14 ng	410038	CI30 1,4-Dichloro	389218	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			n-Amylcyclohexane	154	C11H22	029949-27-7	72
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

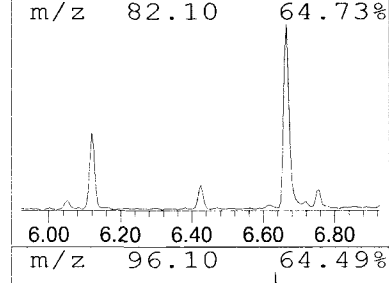
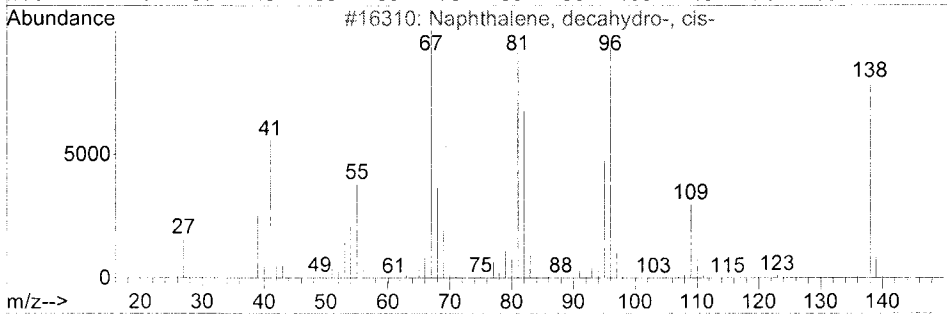
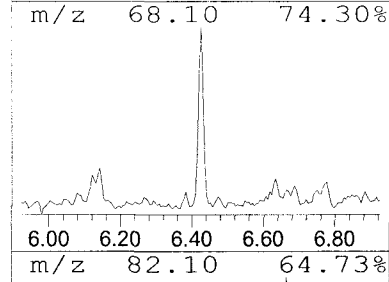
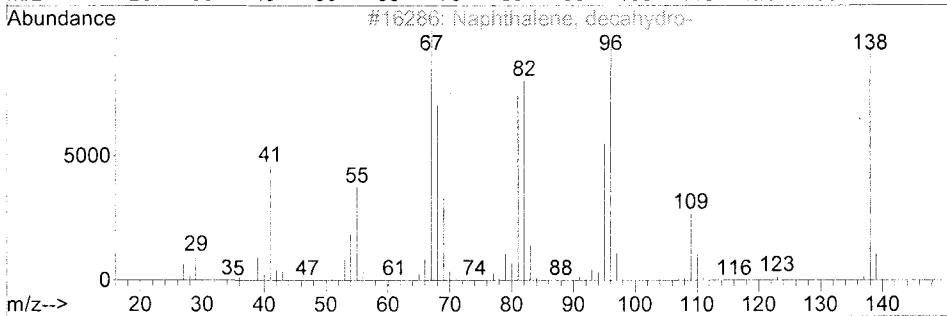
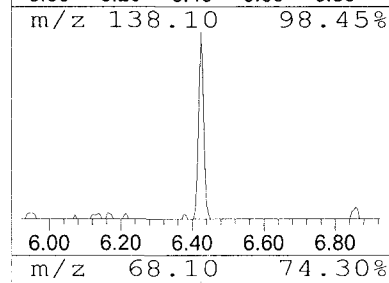
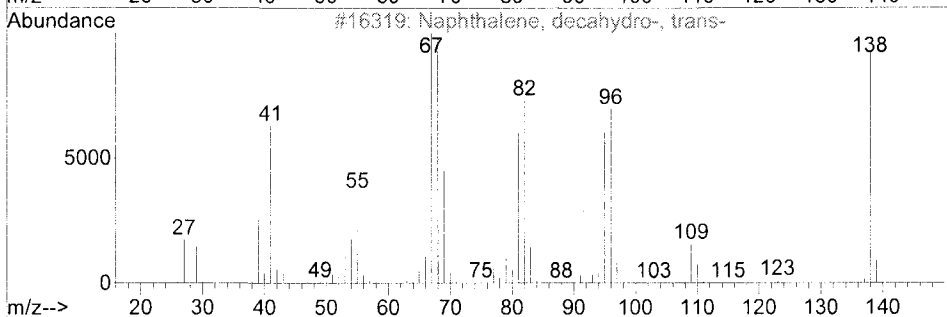
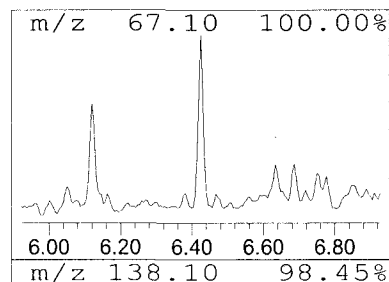
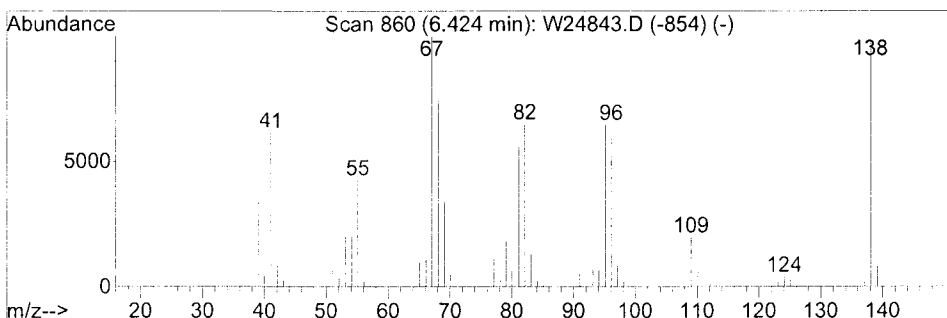
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
6.42	35.14 ng	341969	CI30 1,4-Dichloro	389218	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
4			2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	72
5			2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	72



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

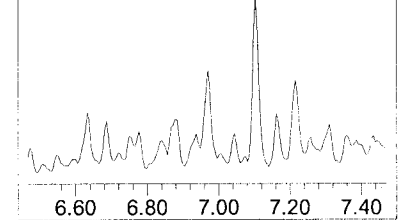
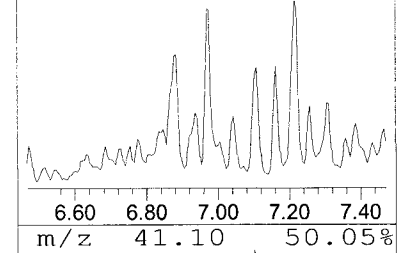
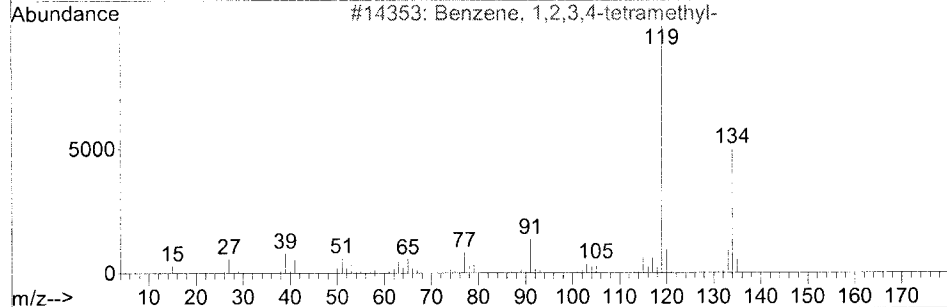
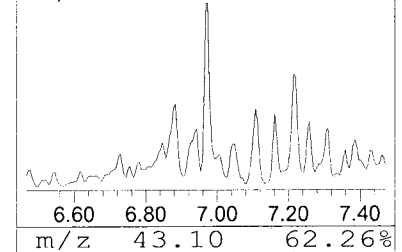
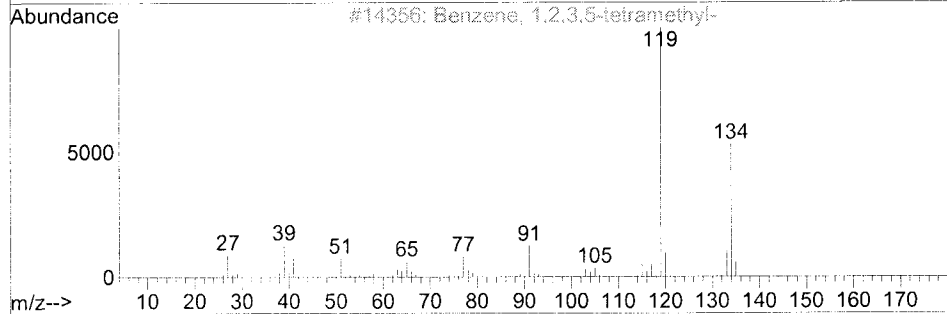
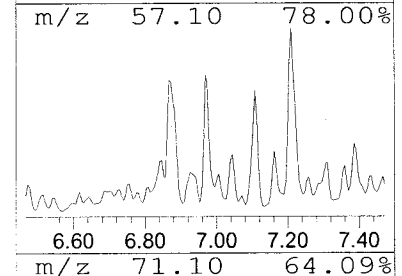
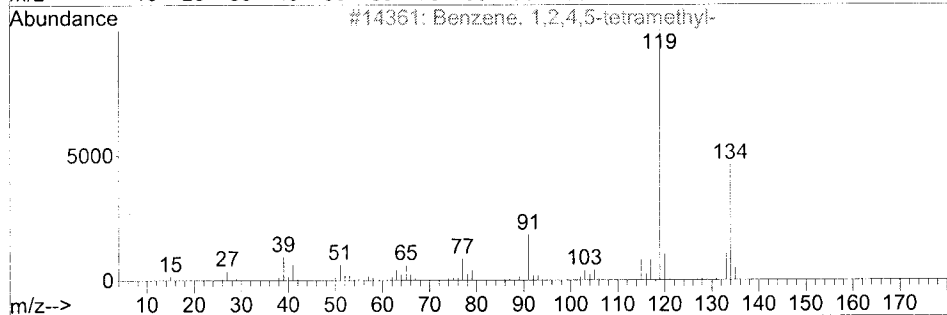
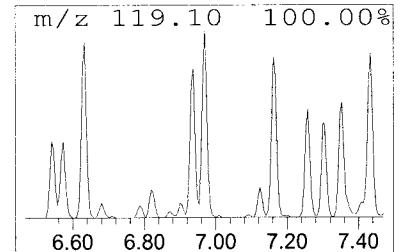
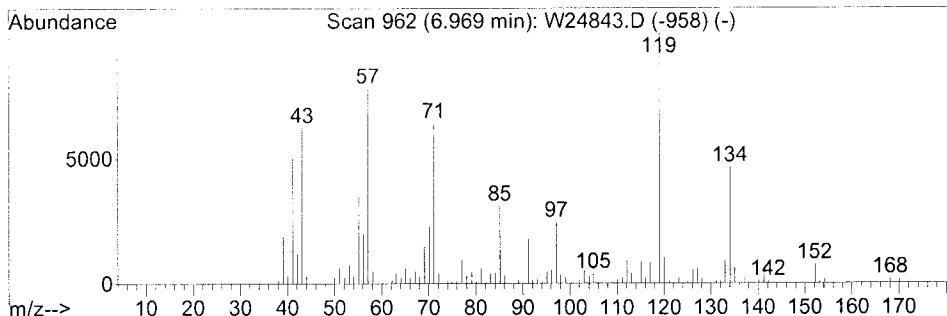
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
6.97	32.79 ng	743293	CI40 Naphthalene-	906636	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	89
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	86
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

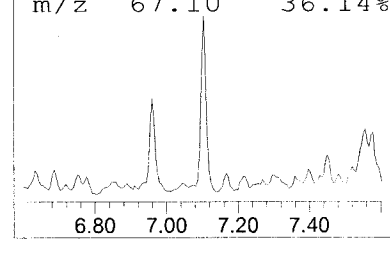
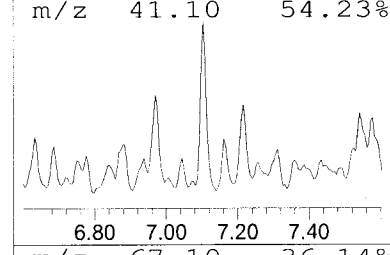
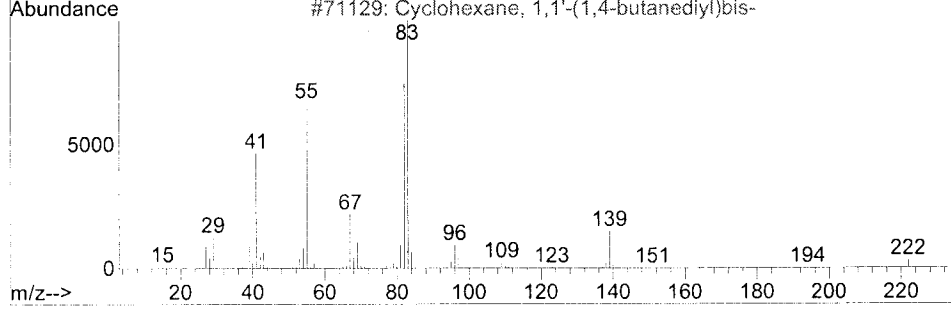
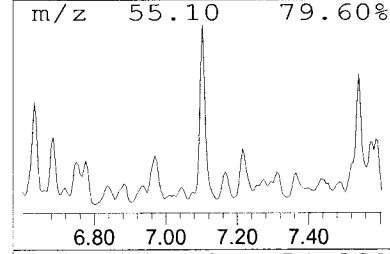
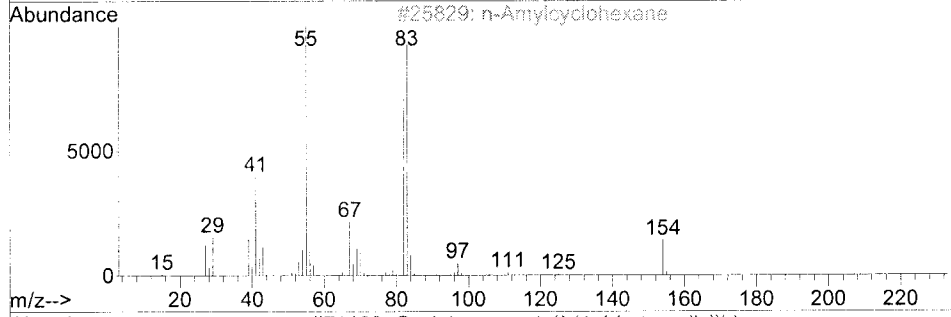
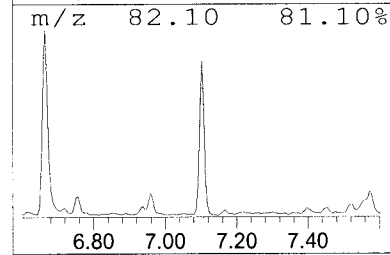
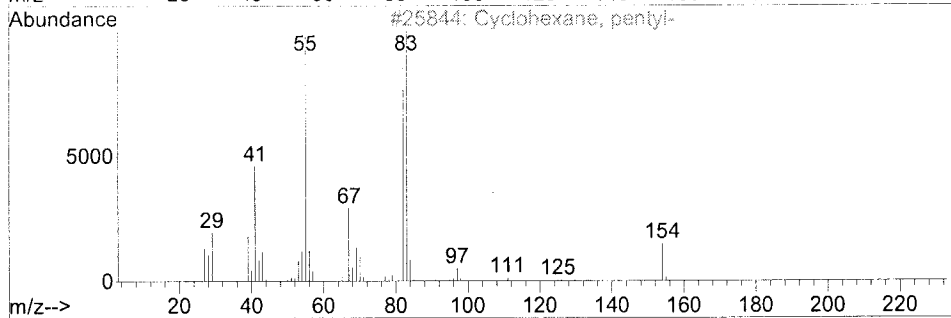
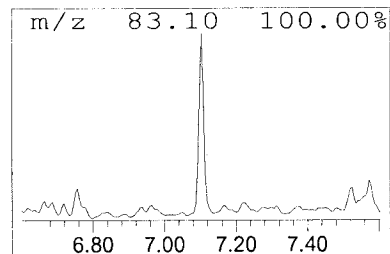
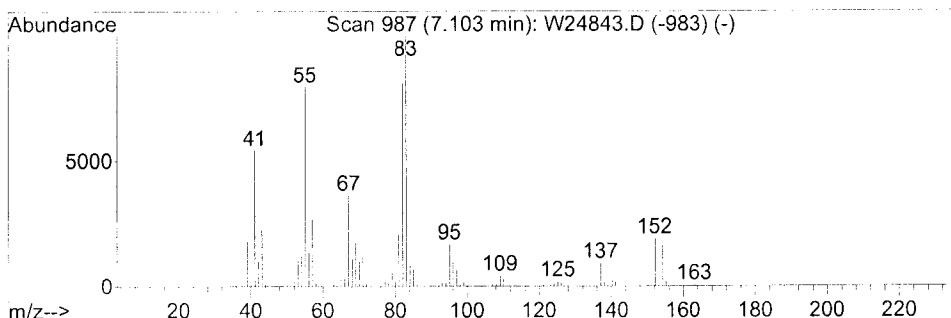
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 9 Cyclohexane, pentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
7.10	45.97 ng	1041900	CI40 Naphthalene-	906636	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
2			n-Amylcyclohexane	154	C11H22	029949-27-7	76
3			Cyclohexane, 1,1'-(1,4-butanediyl...	222	C16H30	006165-44-2	72
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
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 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

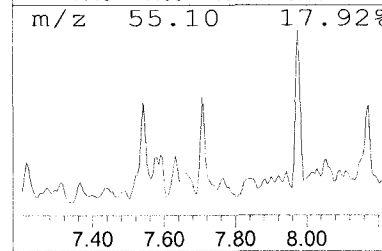
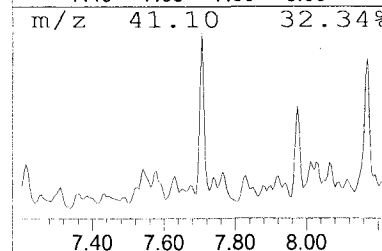
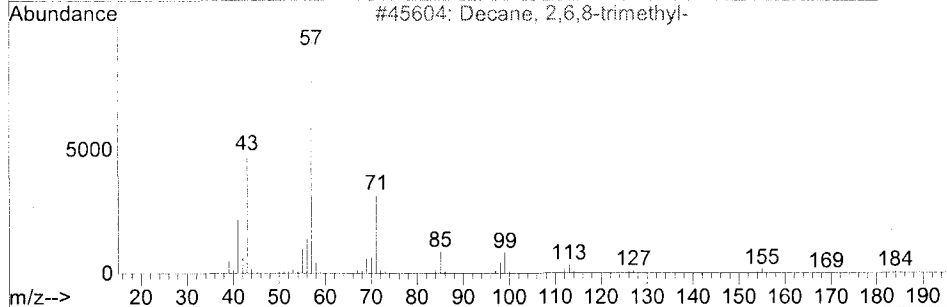
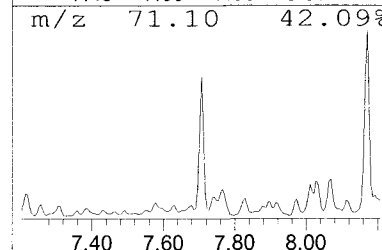
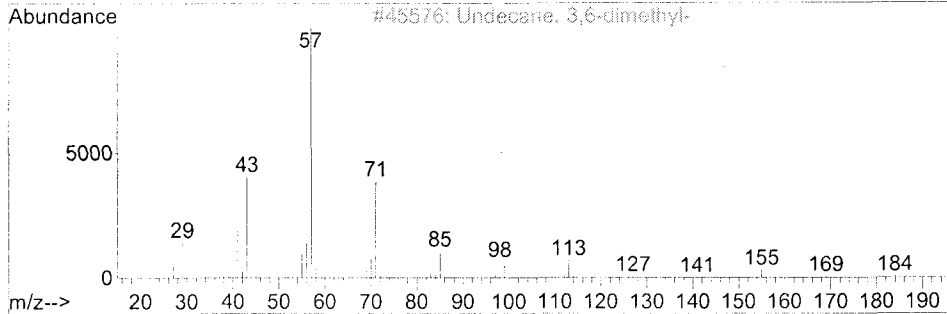
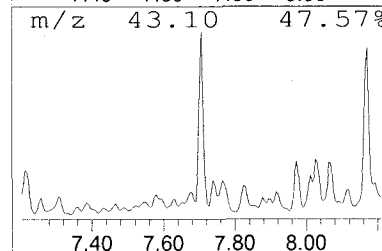
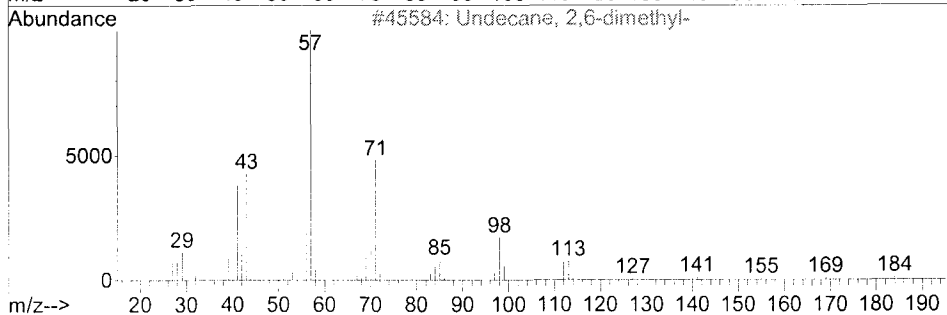
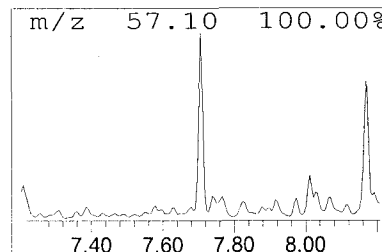
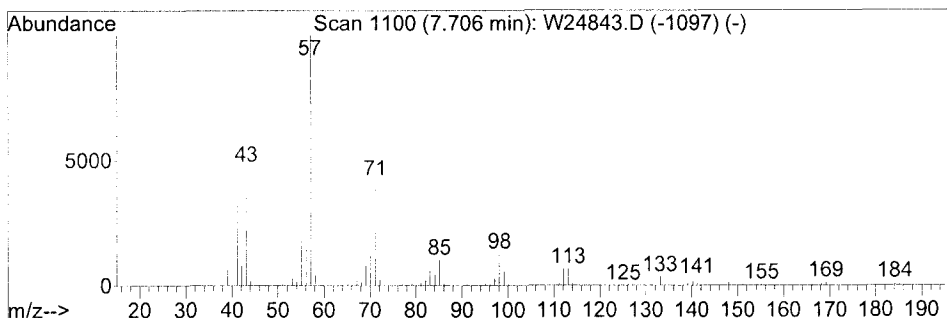
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
7.71	60.50 ng	1371330	CI40 Naphthalene-	906636	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	96
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
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 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

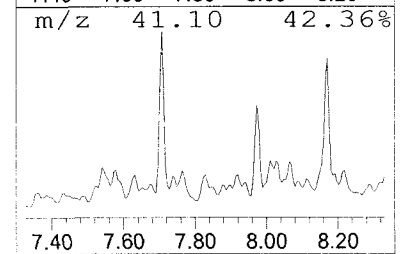
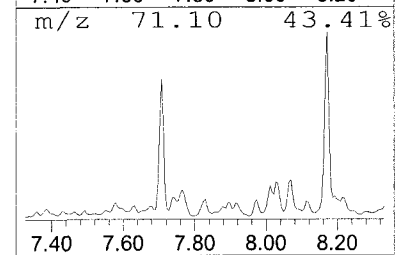
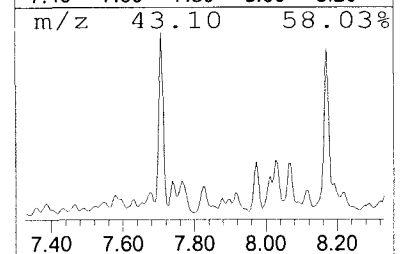
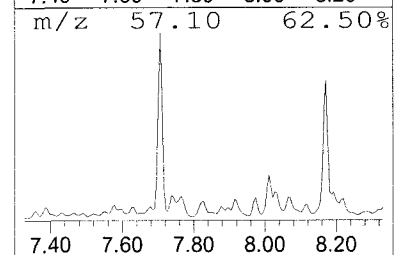
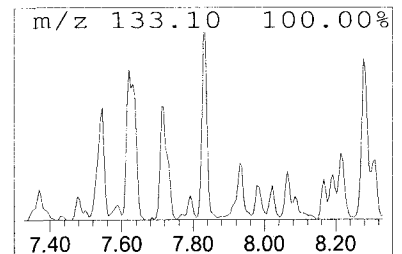
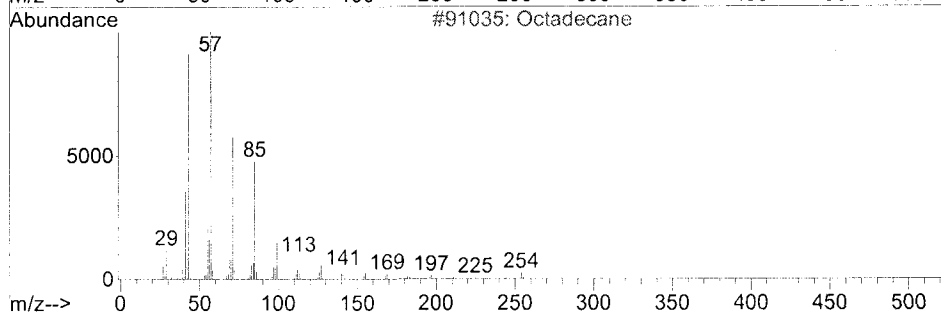
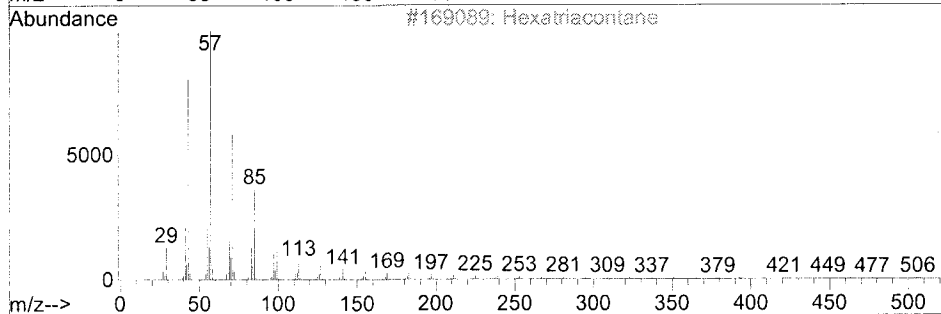
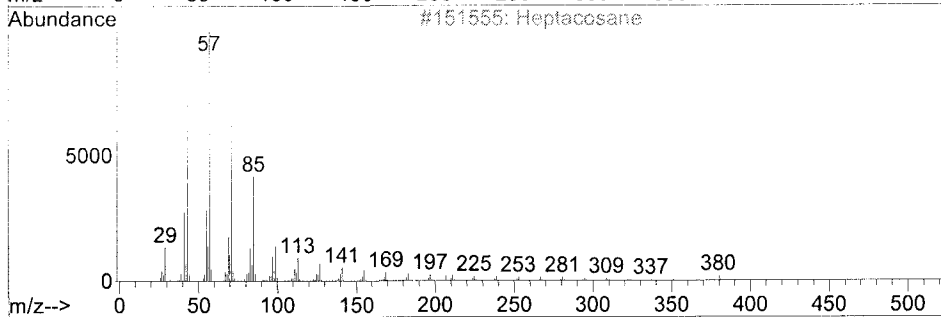
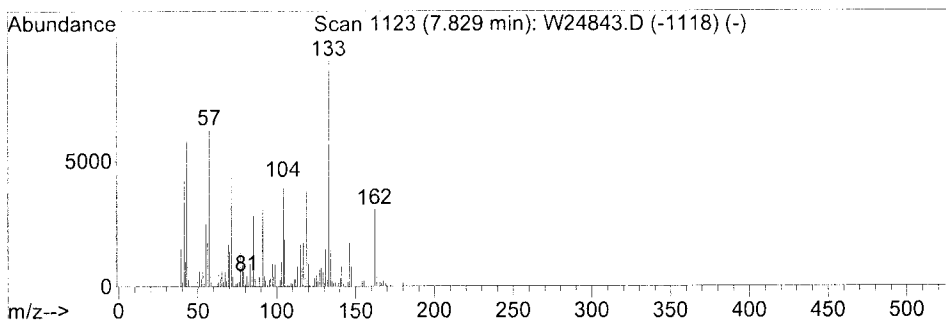
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 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 11 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
7.83	32.98 ng	747462	CI40 Naphthalene-	906636	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	15
2			Hexatriacontane	507	C36H74	000630-06-8	11
3			Octadecane	254	C18H38	000593-45-3	11
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	11
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	11



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
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 Sample : A8769104 AS80007660
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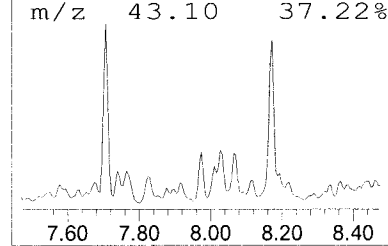
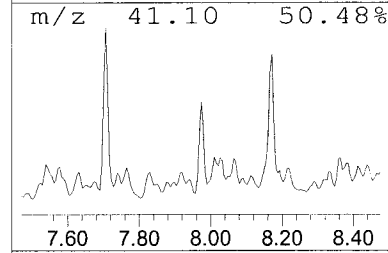
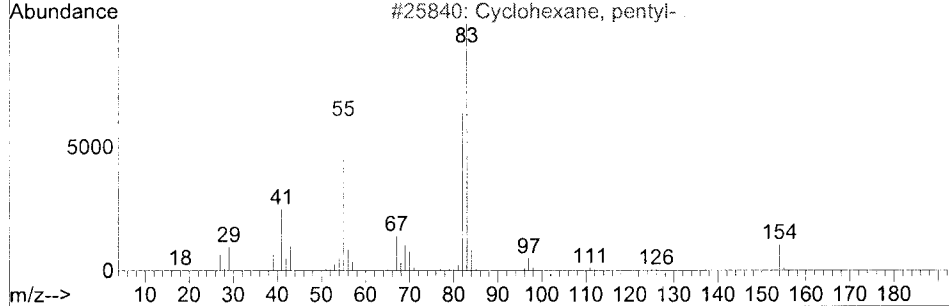
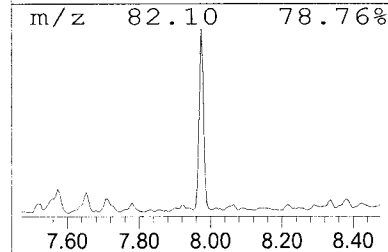
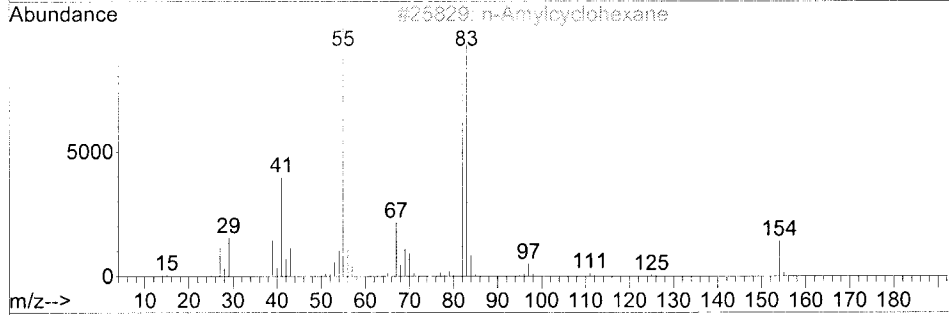
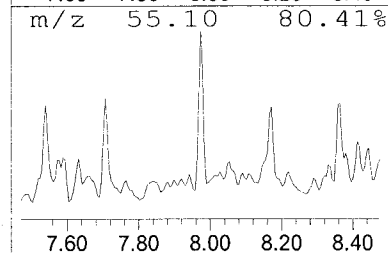
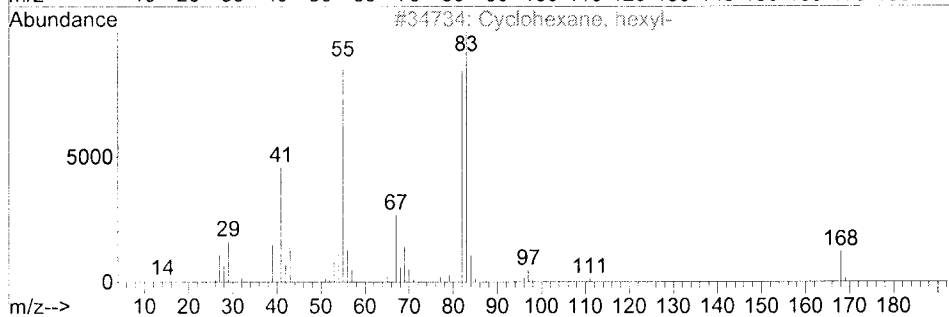
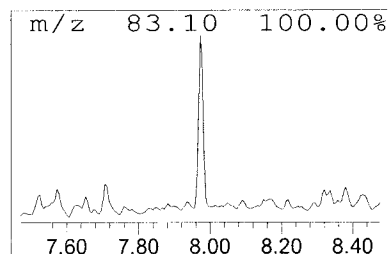
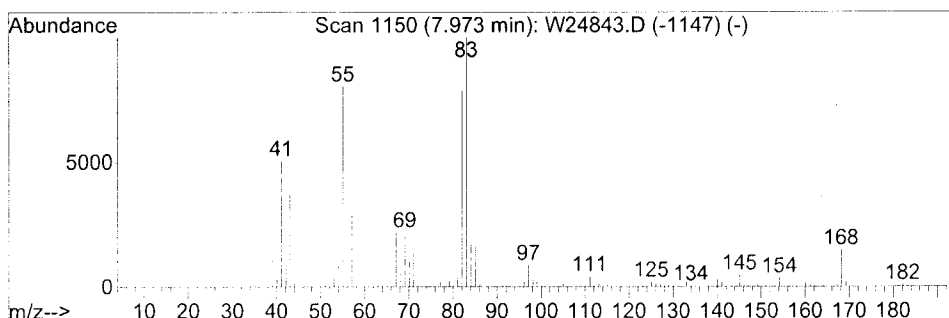
Vial: 31
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 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 12 Cyclohexane, hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
7.97	39.02 ng	884476	CI40 Naphthalene-	906636	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	87
2			n-Amylcyclohexane	154	C11H22	029949-27-7	83
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
5			Heptylcyclohexane	182	C13H26	005617-41-4	80



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
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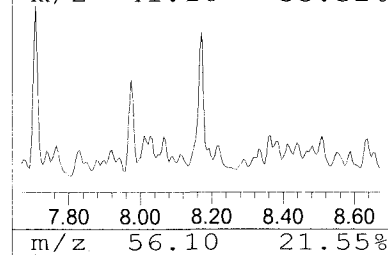
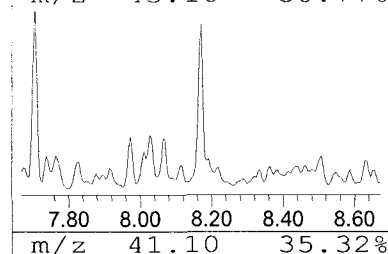
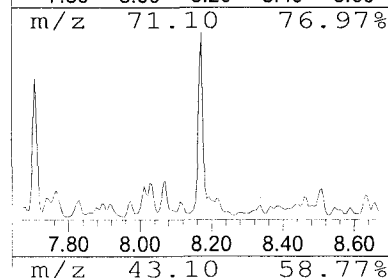
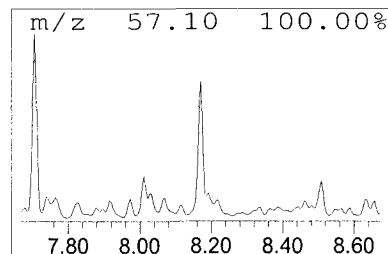
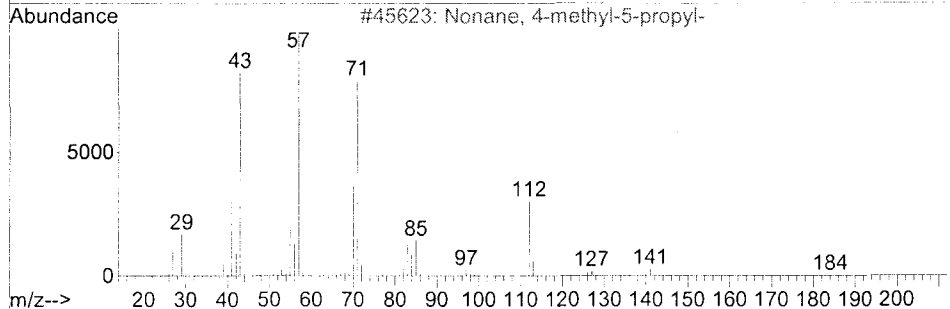
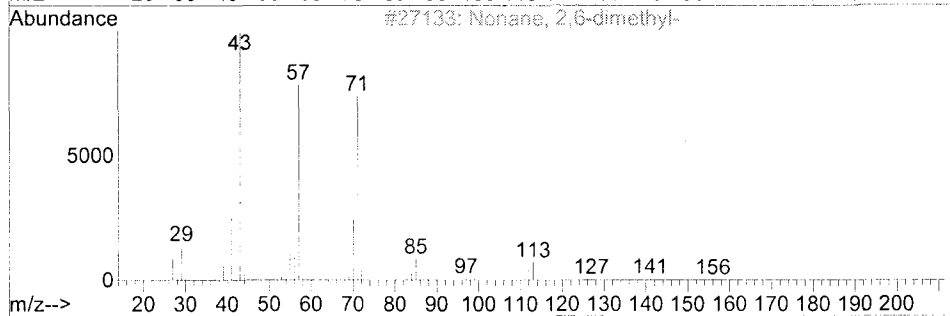
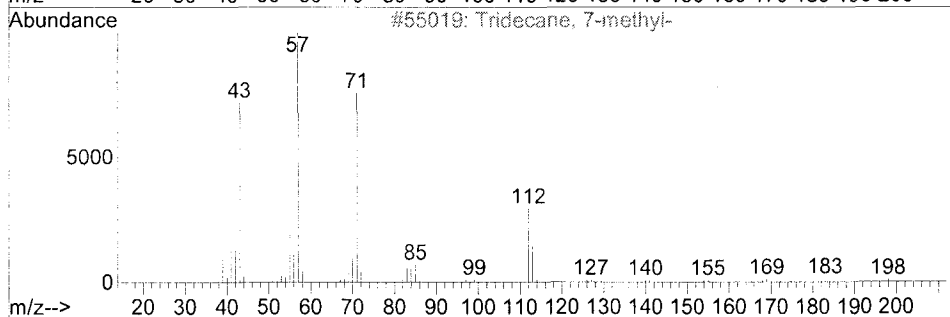
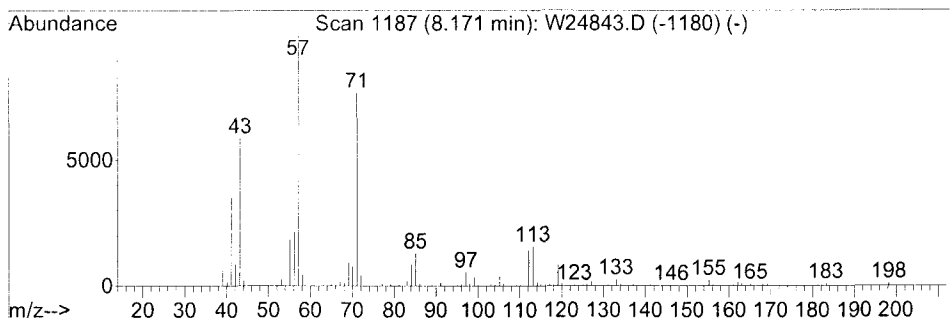
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 13 Tridecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
8.17	72.93 ng	1653090	CI40 Naphthalene-	906636	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
3		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4		Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

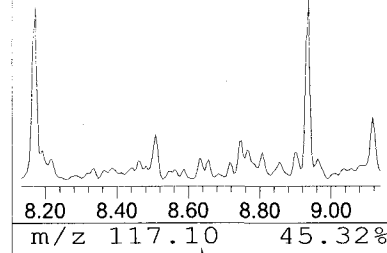
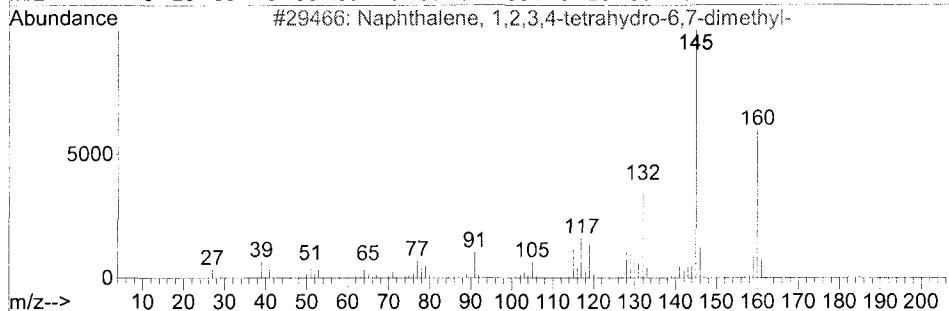
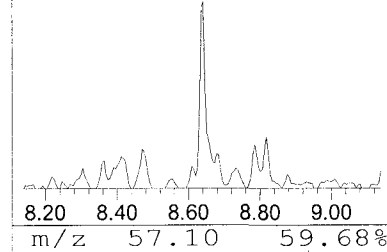
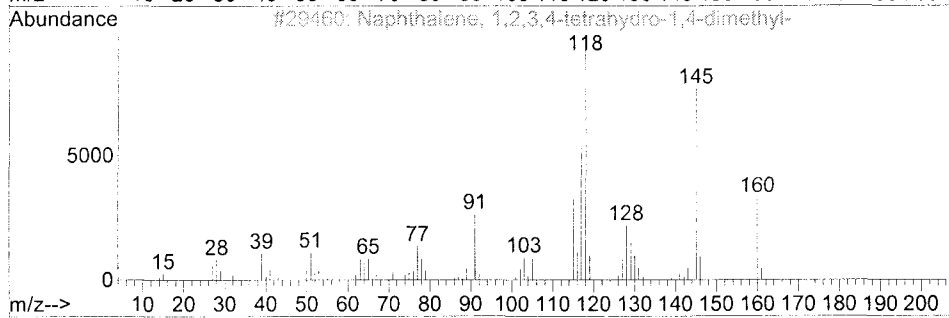
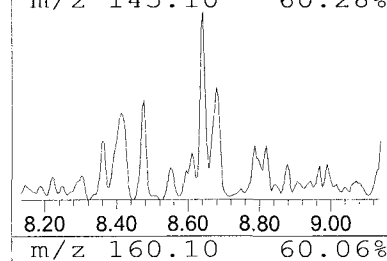
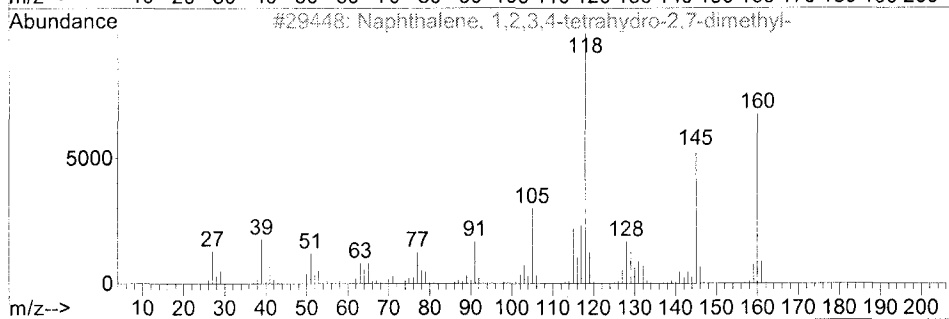
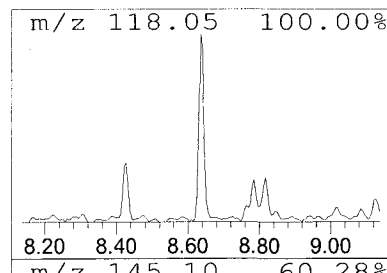
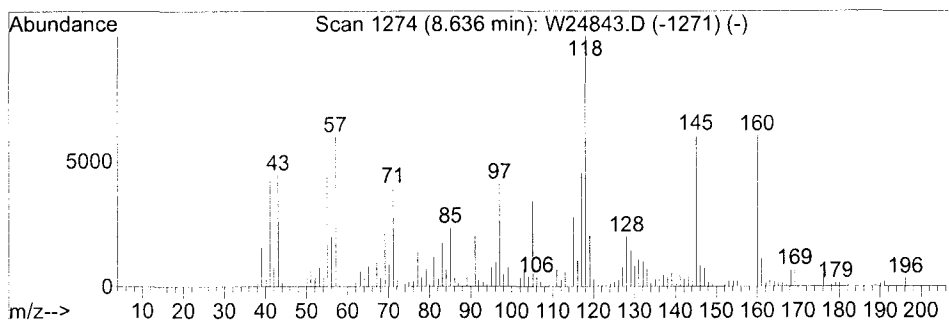
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 14 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
8.64	33.91 ng	768512	CI40 Naphthalene-	906636	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	92
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	80
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	53
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	53



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

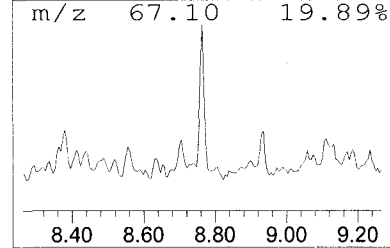
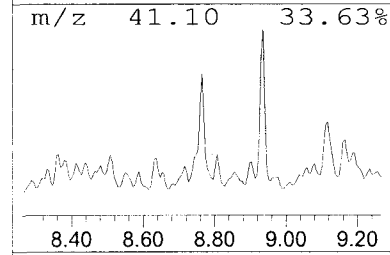
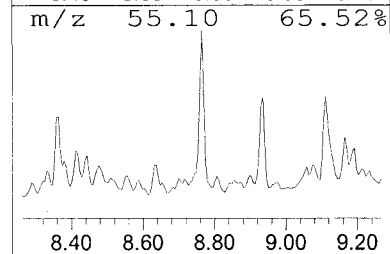
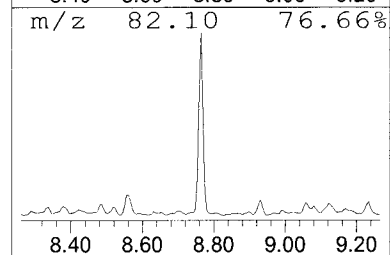
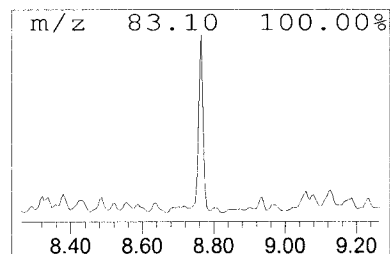
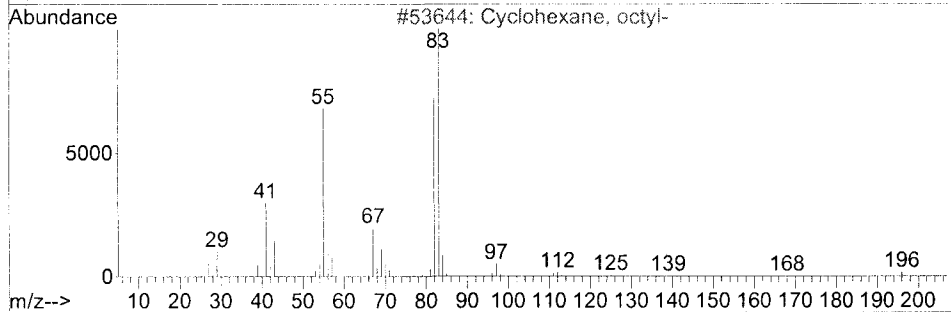
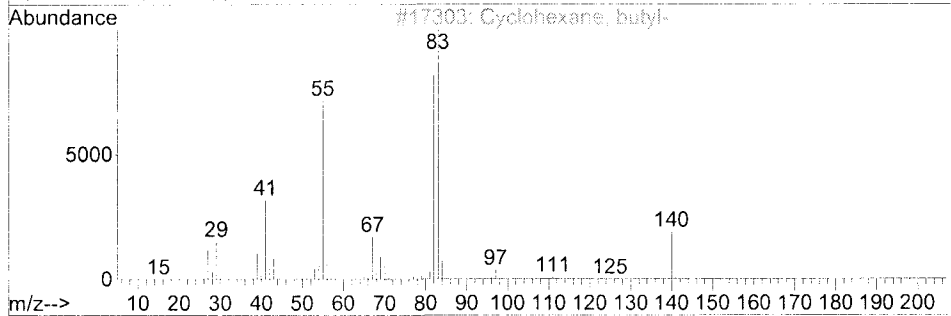
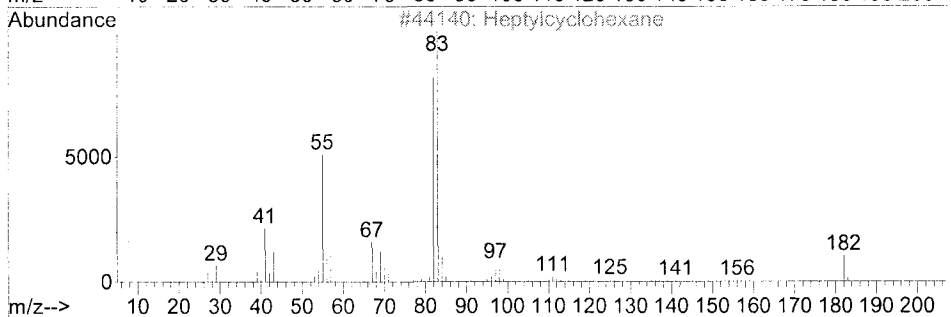
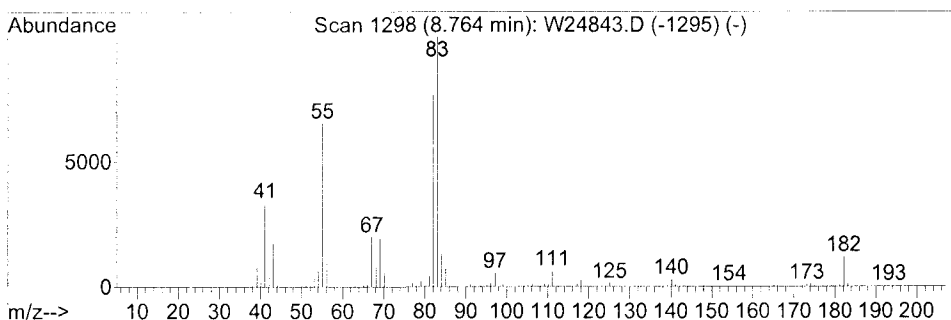
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 15 Heptylcyclohexane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
8.76	33.70 ng	1116000	CI50 Acenaphthene	1324480	9.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	87
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	78
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	78
5			Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	78



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

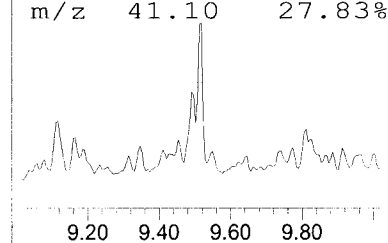
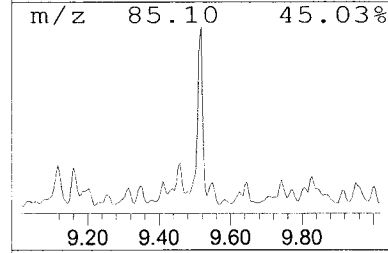
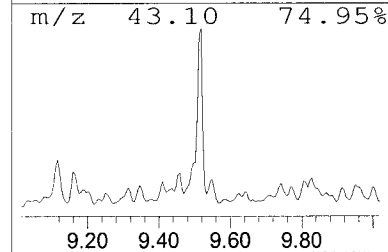
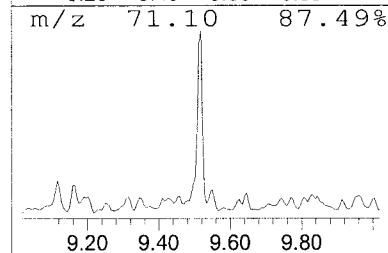
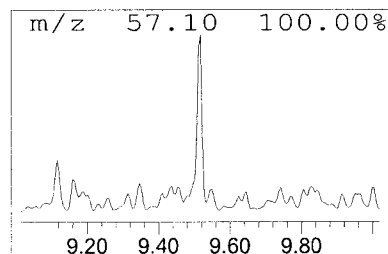
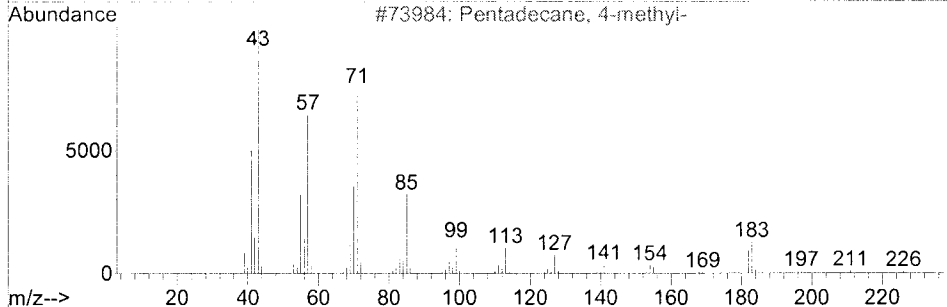
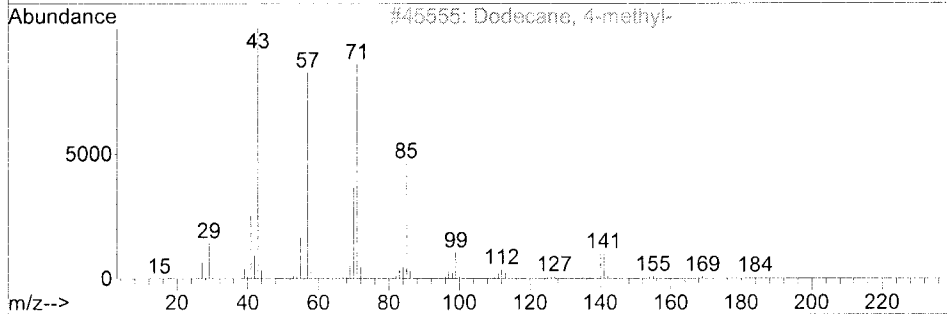
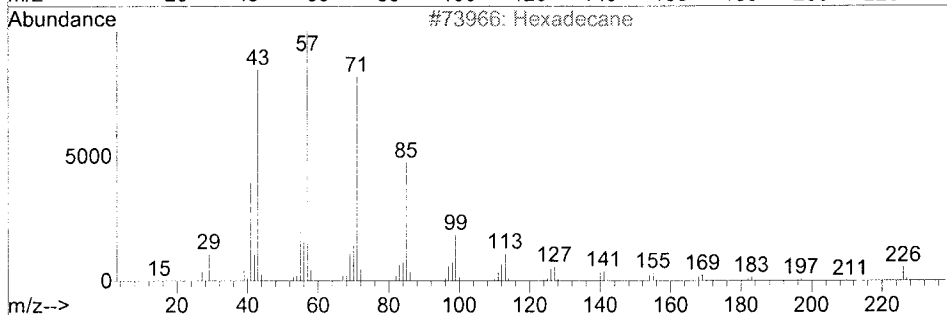
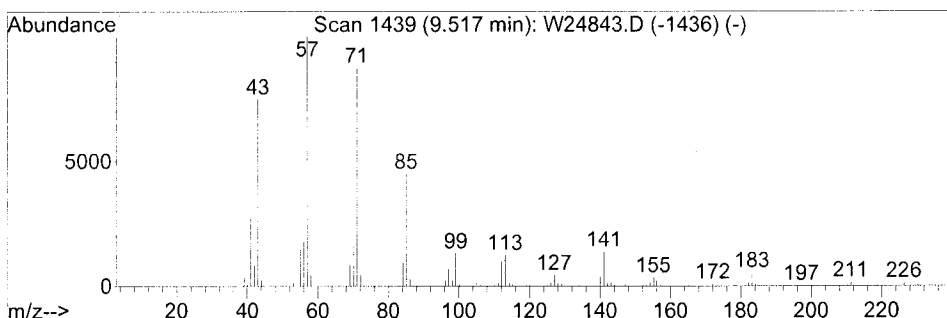
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 16 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
9.52	46.87 ng	1552110	CI50 Acenaphthene	1324480	9.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
3			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	87
4			Tetradecane	198	C14H30	000629-59-4	86
5			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

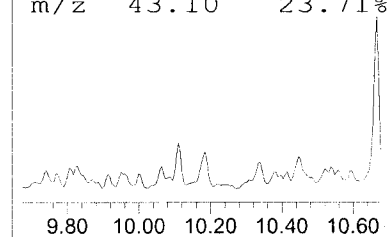
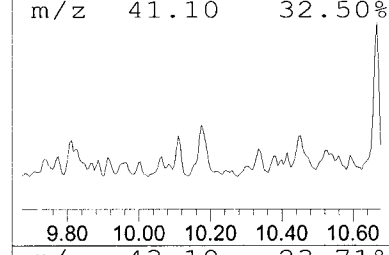
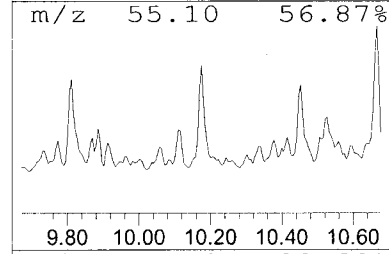
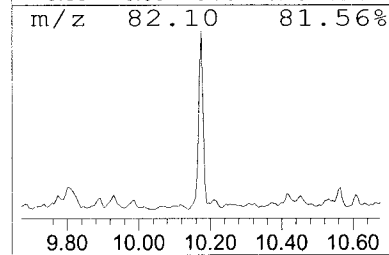
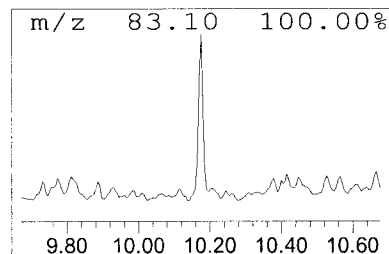
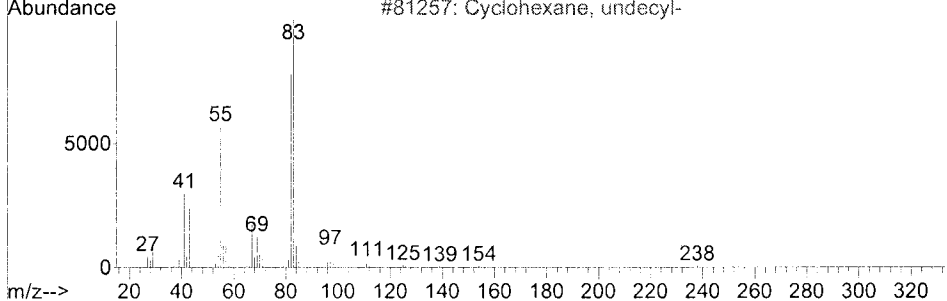
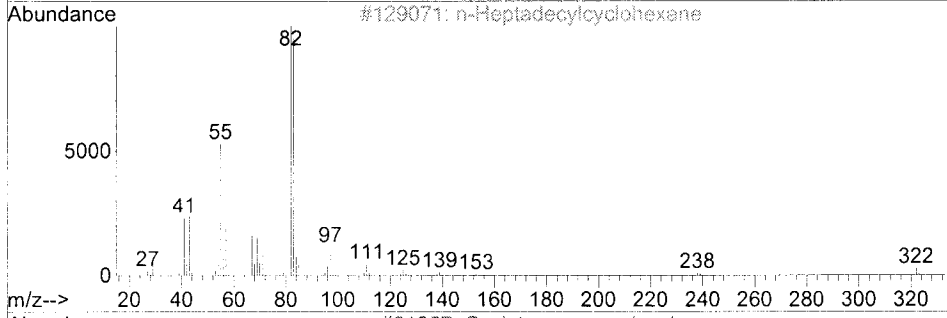
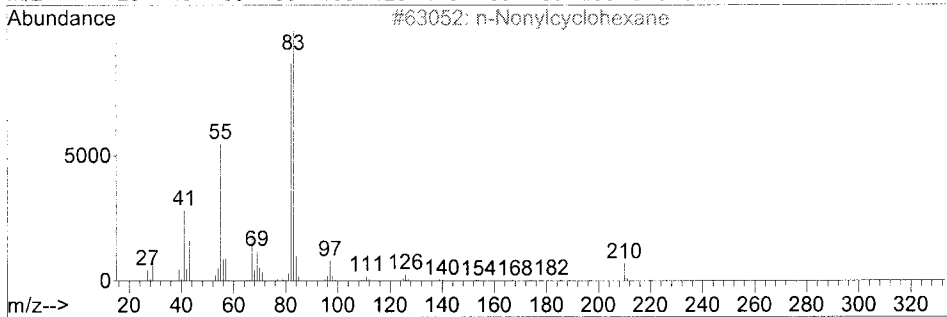
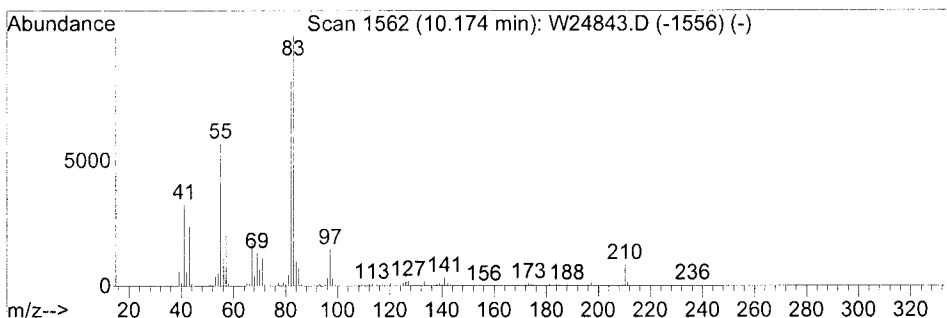
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 17 n-Nonylcyclohexane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
10.17	32.08 ng	1062270	CI50 Acenaphthene	1324480	9.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Nonylcyclohexane	210	C15H30	002883-02-5	94
2			n-Heptadecylcyclohexane	322	C23H46	019781-73-8	91
3			Cyclohexane, undecyl-	238	C17H34	054105-66-7	87
4			Cyclohexane, decyl-	224	C16H32	001795-16-0	86
5			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	86



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
 Acq On : 2 Jul 2008 19:51
 Sample : A8769104 AS80007660
 Misc :
 MS Integration Params: LSCINT.P

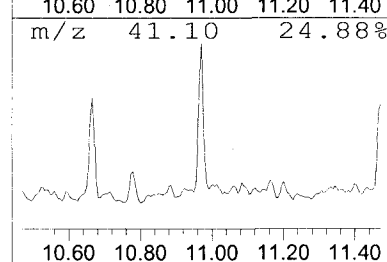
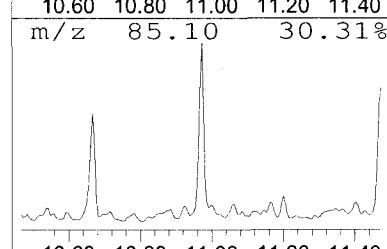
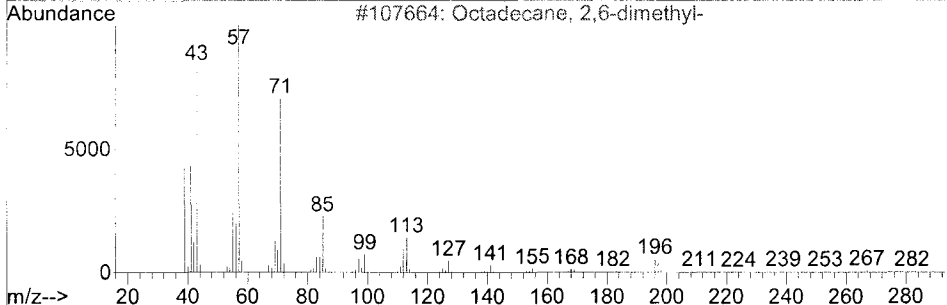
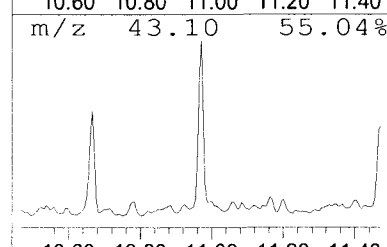
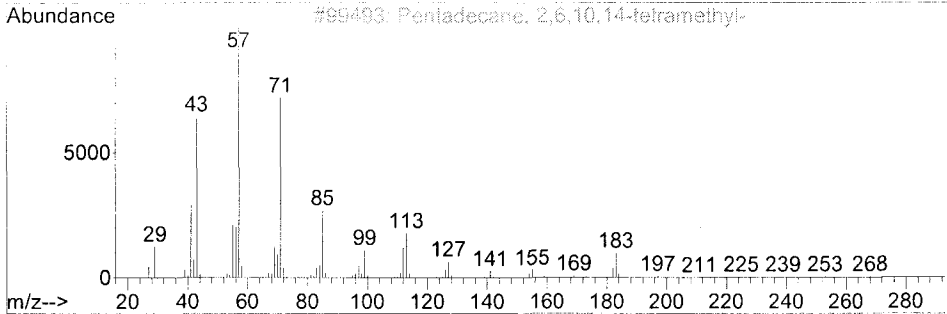
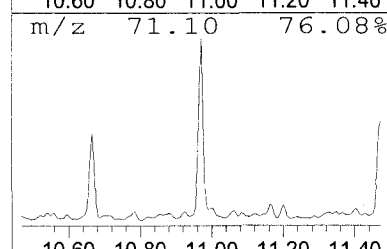
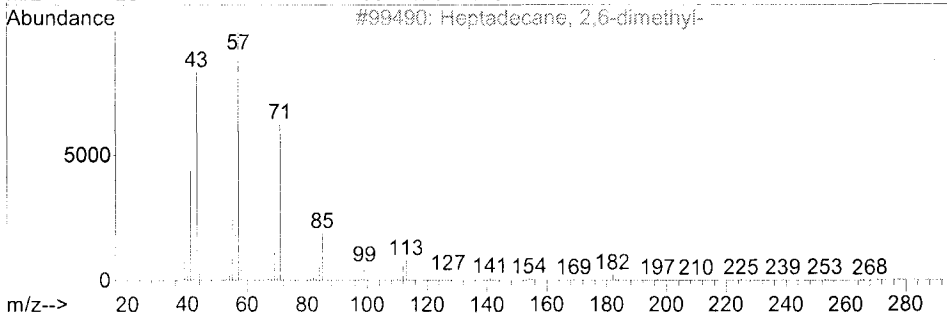
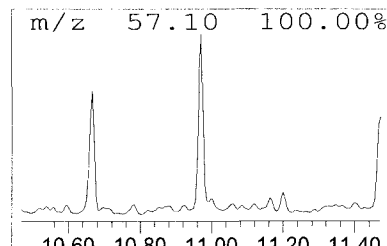
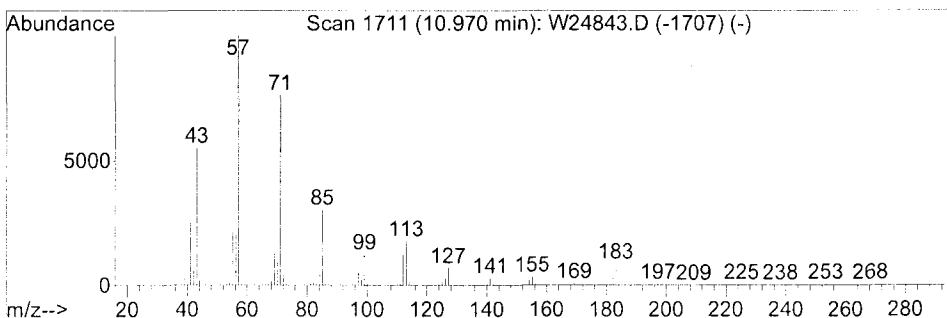
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 18 Heptadecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
10.97	161.55 ng	3372890	CI60 Phenanthrene	835117	11.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	94
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	93
3			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
4			Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
5			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
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 Misc :
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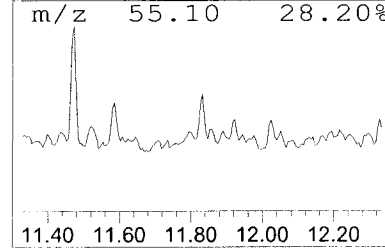
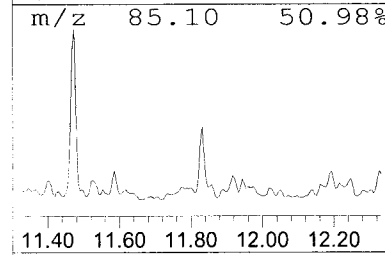
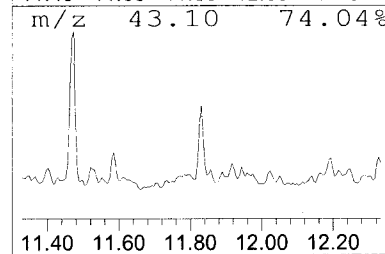
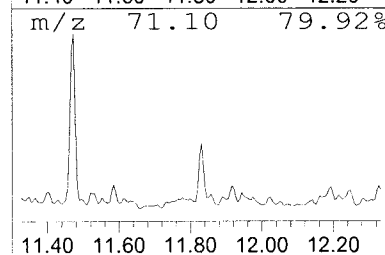
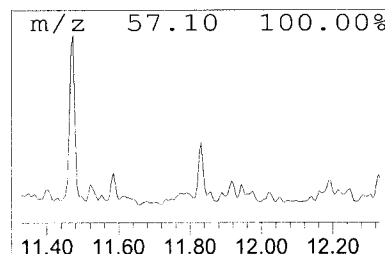
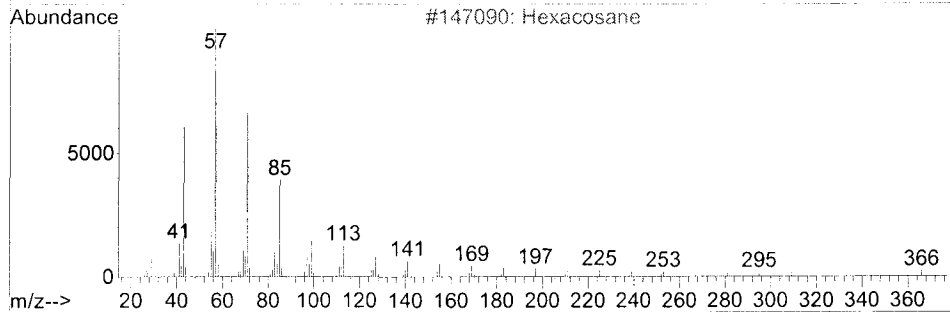
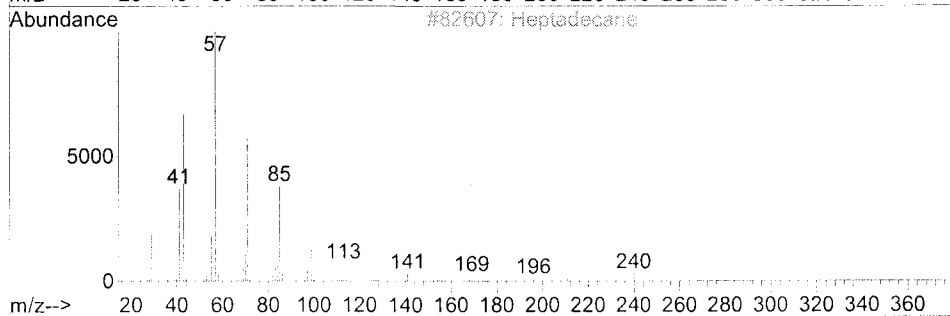
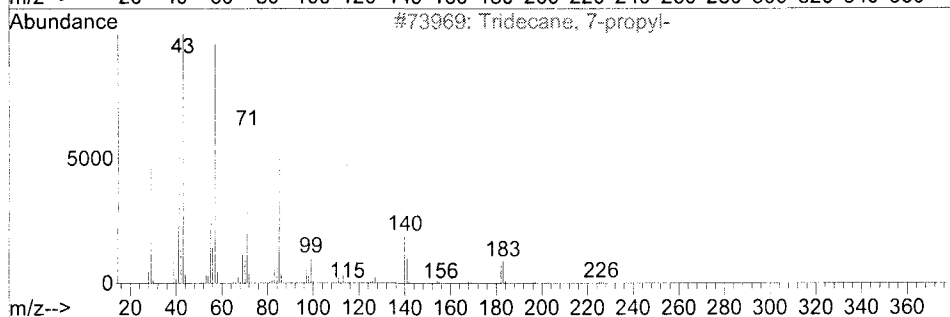
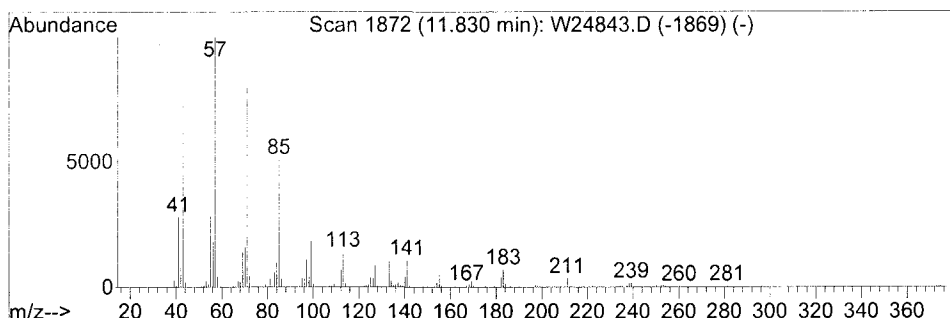
Vial: 31
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 19 Tridecane, 7-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
11.83	34.93 ng	729254	CI60 Phenanthrene	835117	11.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2			Heptadecane	240	C17H36	000629-78-7	90
3			Hexacosane	366	C26H54	000630-01-3	87
4			Heneicosane	296	C21H44	000629-94-7	87
5			Pentacosane	352	C25H52	000629-99-2	87



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
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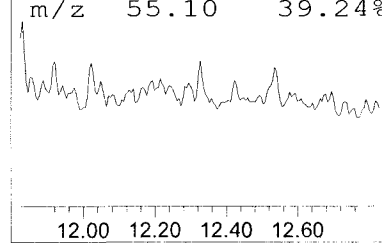
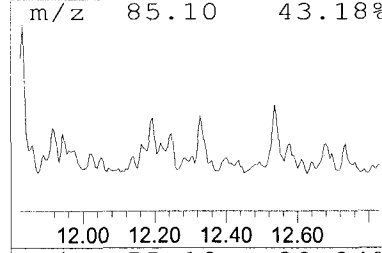
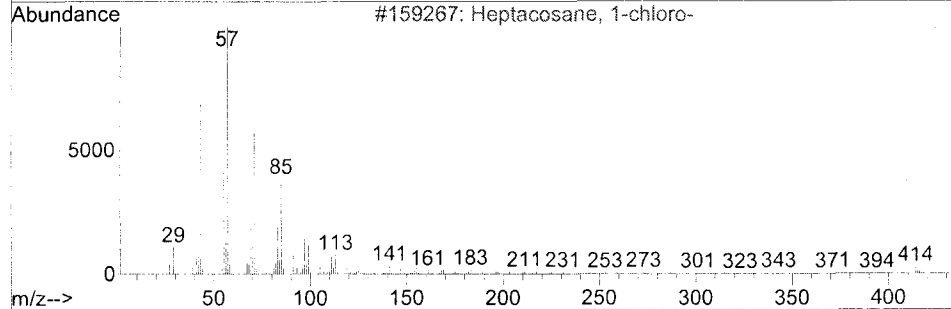
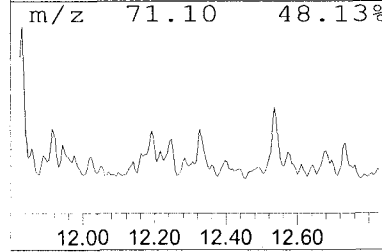
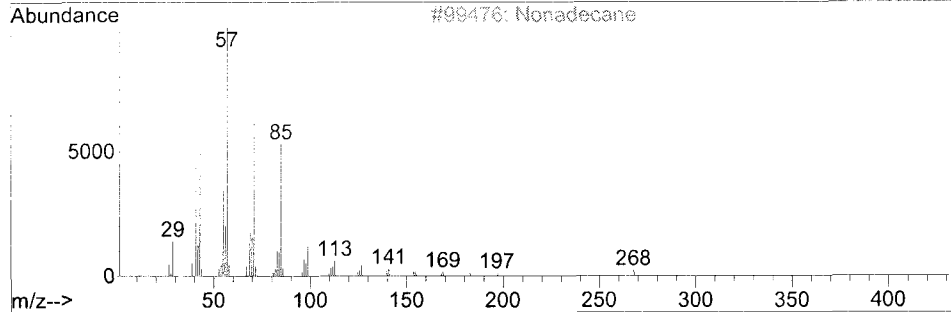
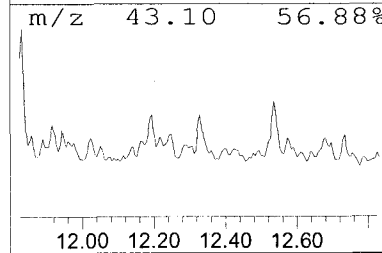
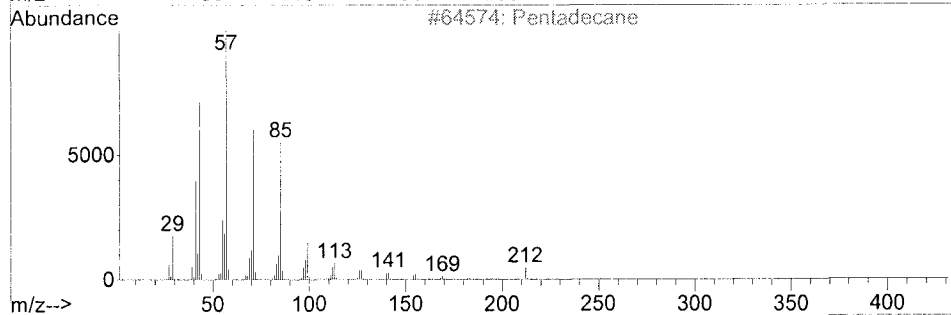
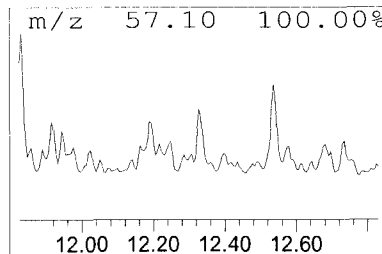
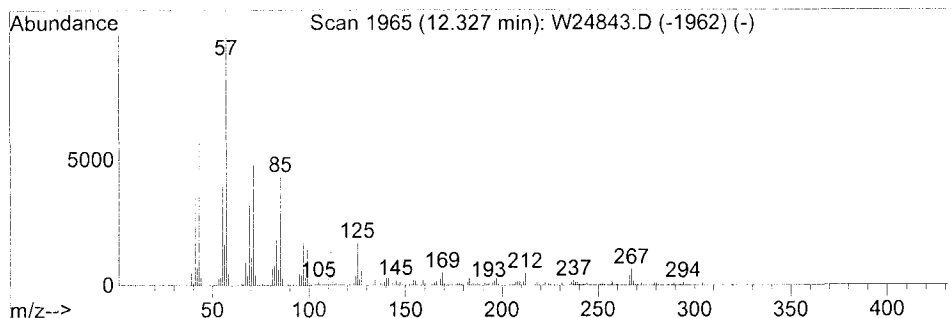
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 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 20 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
12.33	27.06 ng	565033	CI60 Phenanthrene	835117	11.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	74
4			Tetratetracontane	619	C44H90	007098-22-8	72
5			Tetradecane	198	C14H30	000629-59-4	70



Data File : C:\MSDCHEM\1\DATA\070208\W24843.D
Acq On : 2 Jul 2008 19:51
Sample : A8769104 AS80007660
Misc :
MS Integration Params: LSCINT.P

Vial: 31
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

TIC Top Hit name	RT	EstConc	Units	Response	|#	RT	Resp	Concl
Butane, 2-methoxy...	1.92	154.3	ng	1501440	1	5.93	389218	40.0
Octane, 2,5-dimet...	4.85	27.2	ng	264320	1	5.93	389218	40.0
Cyclohexane, propyl-	4.98	60.5	ng	588301	1	5.93	389218	40.0
Undecane, 5,6-dim...	5.21	46.0	ng	447567	1	5.93	389218	40.0
Cyclohexane, 1-me...	5.60	41.2	ng	400842	1	5.93	389218	40.0
Cyclohexane, butyl-	6.12	42.1	ng	410038	1	5.93	389218	40.0
Naphthalene, deca...	6.42	35.1	ng	341969	1	5.93	389218	40.0
Benzene, 1,2,4,5-...	6.97	32.8	ng	743293	2	7.57	906636	40.0
Cyclohexane, pentyl-	7.10	46.0	ng	1041900	2	7.57	906636	40.0
Undecane, 2,6-dim...	7.71	60.5	ng	1371330	2	7.57	906636	40.0
Heptacosane	7.83	33.0	ng	747462	2	7.57	906636	40.0
Cyclohexane, hexyl-	7.97	39.0	ng	884476	2	7.57	906636	40.0
Tridecane, 7-methyl-	8.17	72.9	ng	1653090	2	7.57	906636	40.0
Naphthalene, 1,2,...	8.64	33.9	ng	768512	2	7.57	906636	40.0
Heptylcyclohexane	8.76	33.7	ng	1116000	3	9.80	1324480	40.0
Hexadecane	9.52	46.9	ng	1552110	3	9.80	1324480	40.0
n-Nonylcyclohexane	10.17	32.1	ng	1062270	3	9.80	1324480	40.0
Heptadecane, 2,6-...	10.97	161.6	ng	3372890	4	11.52	835117	40.0
Tridecane, 7-propyl-	11.83	34.9	ng	729254	4	11.52	835117	40.0
Pentadecane	12.33	27.1	ng	565033	4	11.52	835117	40.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805Sample wt/vol: 30.82 (g/mL) G Lab File ID: W24993.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

83-32-9-----	Acenaphthene	210	U
208-96-8-----	Acenaphthylene	210	U
98-86-2-----	Acetophenone	210	U
120-12-7-----	Anthracene	210	U
1912-24-9-----	Atrazine	210	U
100-52-7-----	Benzaldehyde	210	U
56-55-3-----	Benzo (a) anthracene	210	U
205-99-2-----	Benzo (b) fluoranthene	210	U
207-08-9-----	Benzo (k) fluoranthene	210	U
191-24-2-----	Benzo (ghi) perylene	210	U
50-32-8-----	Benzo (a) pyrene	210	U
92-52-4-----	Biphenyl	210	U
111-91-1-----	Bis (2-chloroethoxy) methane	210	U
111-44-4-----	Bis (2-chloroethyl) ether	210	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	210	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	150	J
101-55-3-----	4-Bromophenyl phenyl ether	210	U
85-68-7-----	Butyl benzyl phthalate	210	U
105-60-2-----	Caprolactam	210	U
106-47-8-----	4-Chloroaniline	210	U
59-50-7-----	4-Chloro-3-methylphenol	210	U
91-58-7-----	2-Chloronaphthalene	210	U
95-57-8-----	2-Chlorophenol	210	U
7005-72-3-----	4-Chlorophenyl phenyl ether	210	U
86-74-8-----	Carbazole	210	U
218-01-9-----	Chrysene	63	BU
53-70-3-----	Dibenzo (a,h) anthracene	210	U
132-64-9-----	Dibenzofuran	210	U
84-74-2-----	Di-n-butyl phthalate	210	U
91-94-1-----	3,3'-Dichlorobenzidine	210	U
120-83-2-----	2,4-Dichlorophenol	210	U
84-66-2-----	Diethyl phthalate	210	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805

Sample wt/vol: 30.82 (g/mL) G Lab File ID: W24993.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

105-67-9-----	2,4-Dimethylphenol	210	U
131-11-3-----	Dimethyl phthalate	210	U
534-52-1-----	4,6-Dinitro-2-methylphenol	410	U
51-28-5-----	2,4-Dinitrophenol	410	U
121-14-2-----	2,4-Dinitrotoluene	210	U
606-20-2-----	2,6-Dinitrotoluene	210	U
117-84-0-----	Di-n-octyl phthalate	46	J
206-44-0-----	Fluoranthene	210	U
86-73-7-----	Fluorene	210	U
118-74-1-----	Hexachlorobenzene	210	U
87-68-3-----	Hexachlorobutadiene	210	U
77-47-4-----	Hexachlorocyclopentadiene	210	U
67-72-1-----	Hexachloroethane	210	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	210	U
78-59-1-----	Isophorone	210	U
91-57-6-----	2-Methylnaphthalene	210	U
95-48-7-----	2-Methylphenol	210	U
106-44-5-----	4-Methylphenol	210	U
91-20-3-----	Naphthalene	210	U
88-74-4-----	2-Nitroaniline	410	U
99-09-2-----	3-Nitroaniline	410	U
100-01-6-----	4-Nitroaniline	410	U
98-95-3-----	Nitrobenzene	210	U
88-75-5-----	2-Nitrophenol	210	U
100-02-7-----	4-Nitrophenol	410	U
86-30-6-----	N-nitrosodiphenylamine	210	U
621-64-7-----	N-Nitroso-Di-n-propylamine	210	U
87-86-5-----	Pentachlorophenol	410	U
85-01-8-----	Phenanthrene	210	U
108-95-2-----	Phenol	210	U
129-00-0-----	Pyrene	210	U
95-95-4-----	2,4,5-Trichlorophenol	210	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805

Sample wt/vol: 30.82 (g/mL) G Lab File ID: W24993.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		210	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805Sample wt/vol: 30.82 (g/mL) G Lab File ID: W24993.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22.1 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

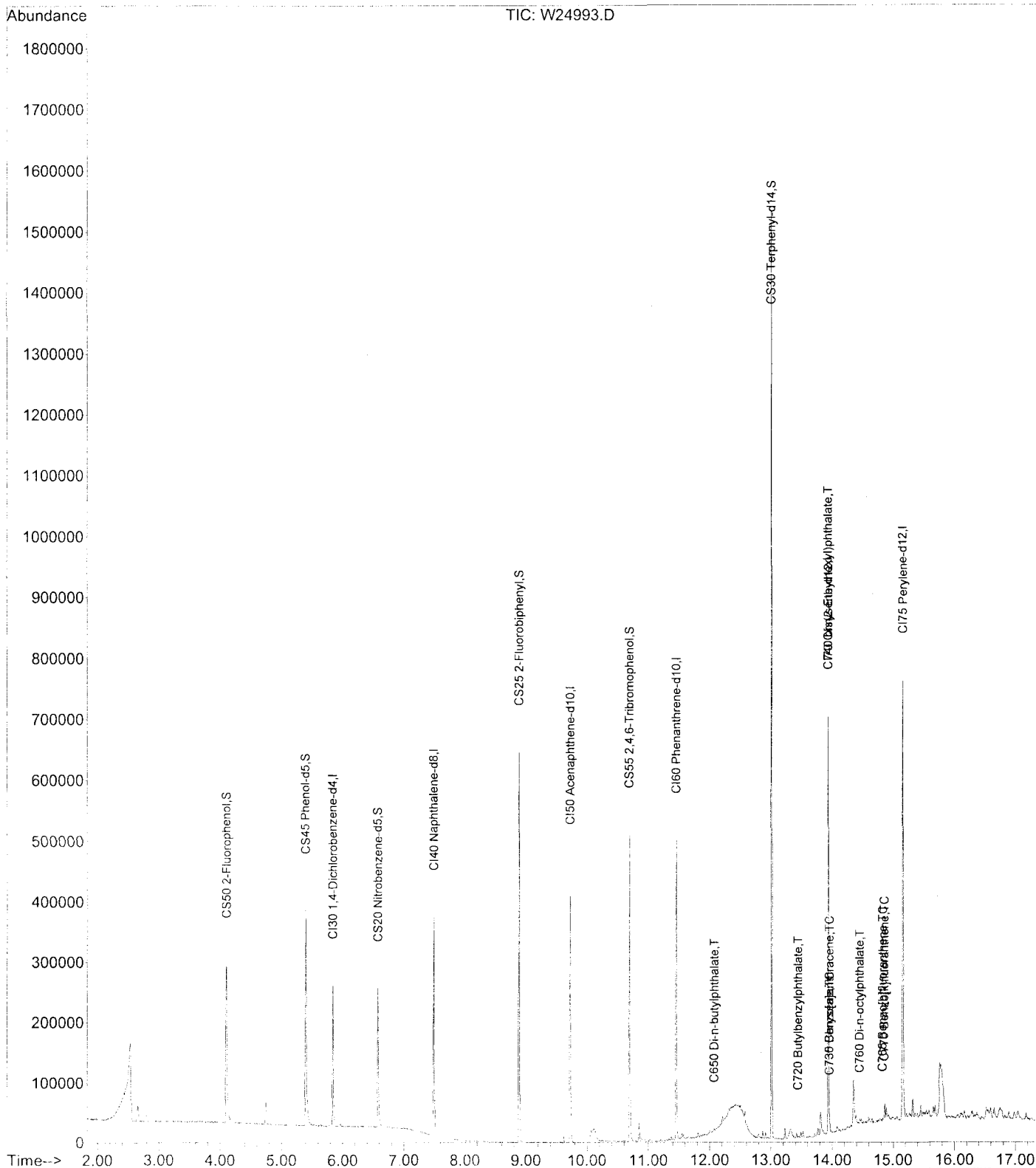
Number TICs found: 2

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 74339-49-4	TRICHLOROACETIC ACID, UNDECY	14.35	620	JN
2.	UNKNOWN	15.75	530	J

Data File : C:\MSDCHEM\1\DATA\071108\W24993.D
 Acq On : 11 Jul 2008 18:55
 Sample : A8798805 AS80007826
 Misc :
 MS Integration Params: rteint.p

Vial: 19
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 14 15:29:43 2008 Results File: A8I-516(7-11).RES
 Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\071108\W24993.D
 Acq On : 11 Jul 2008 18:55
 Sample : A8798805 AS80007826
 Misc :

Vial: 19
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 14 15:29:43 2008

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071108\W24976.D (11 Jul 2008 11:28)

(Handwritten initials)
 JWG/1/1/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	43601	80.00	ng	0.01	96.89%
20) CI40 Naphthalene-d8	7.49	136	181341	80.00	ng	0.00	94.52%
35) CI50 Acenaphthene-d10	9.73	164	105210	80.00	ng	0.00	98.74%
56) CI60 Phenanthrene-d10	11.46	188	190391	80.00	ng	0.00	103.68%
68) CI70 Chrysene-d12	13.94	240	230032	80.00	ng	0.00	107.17%
78) CI75 Perylene-d12	15.16	264	250800	80.00	ng	0.00	131.64%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.11	112	116808	150.25	ng	0.01	
Spiked Amount	150.000	Range 21 - 110	Recovery	=	100.17%		
5) CS45 Phenol-d5	5.40	99	172004	179.24	ng	0.00	
Spiked Amount	150.000	Range 10 - 110	Recovery	=	119.49%#		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range 33 - 110	Recovery	=	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range 16 - 110	Recovery	=	0.00%#		
21) CS20 Nitrobenzene-d5	6.58	82	90406	108.53	ng	0.00	
Spiked Amount	100.000	Range 34 - 114	Recovery	=	108.53%		
39) CS25 2-Fluorobiphenyl	8.89	172	212990	118.87	ng	0.00	
Spiked Amount	100.000	Range 43 - 116	Recovery	=	118.87%#		
59) CS55 2,4,6-Tribromophenol	10.69	330	56603	213.74	ng	0.00	
Spiked Amount	150.000	Range 10 - 123	Recovery	=	142.49%#		
71) CS30 Terphenyl-d14	13.01	244	377204	139.44	ng	0.00	
Spiked Amount	100.000	Range 33 - 141	Recovery	=	139.44%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	6.58	77	167	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

(Handwritten signature)
 8/1/08

Data File : C:\MSDCHEM\1\DATA\071108\W24993.D
 Acq On : 11 Jul 2008 18:55
 Sample : A8798805 AS80007826
 Misc :

Vial: 19
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 14 15:29:43 2008

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071108\W24976.D (11 Jul 2008 11:28)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	0.00	153	0	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	10.31	149	223	N.D.			
54) C620 1,2 diphenylhydrazi	10.69	77	354	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	0.00	178	0	N.D.			
64) C645 Anthracene	0.00	178	0	N.D.			
65) C647 carbazole	0.00	167	0	N.D.			
66) C650 Di-n-butylphthalate	12.08	149	1141	0.36 ng			79
67) C655 Fluoranthene	12.66	202	448	N.D.			
69) C715 Pyrene	12.87	202	175	N.D.			
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalate	13.44	149	1164	0.73 ng	#		81
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	13.96	228	5186	1.48 ng			92
75) C735 Chrysene	13.96	228	5186	1.52 ng			95
76) C740 bis(2-Ethylhexyl)phth	13.93	149	8994	3.72 ng			96
77) C760 Di-n-octylphthalate	14.45	149	4018	1.09 ng			76
79) C765 Benzo[b]fluoranthene	14.82	252	1394	0.31 ng	#		61
80) C770 Benzo[k]fluoranthene	14.85	252	1088	0.26 ng	#		61
81) C775 Benzo[a]pyrene	15.07	252	187	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	16.21	276	167	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylen	16.52	276	186	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 8/1/08

Data File : C:\MSDCHEM\1\DATA\071108\W24993.D Vial: 19
 Acq On : 11 Jul 2008 18:55 Operator: AJ
 Sample : A8798805 AS80007826 Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 16 12:16:36 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Wed Jul 16 12:08:16 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24889.D (8 Jul 2008 11:46)

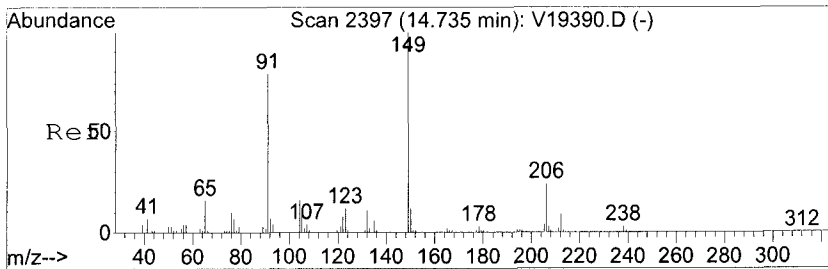
SEE FILE 7-16-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	43601	40.00	ng	-0.07 67.89%
4) CI40 Naphthalene-d8	7.49	136	181341	40.00	ng	-0.06 76.70%
7) CI50 Acenaphthene-d8	9.73	164	105210	40.00	ng	-0.06 85.01%
10) CI60 Phenanthrene-d10	11.46	188	190391	40.00	ng	-0.05 99.40%
12) CI70 Chrysene-d12	13.94	240	230032	40.00	ng	-0.04 112.88%
13) CI75 Perylene-d12	15.16	264	250800	40.00	ng	-0.05 130.42%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

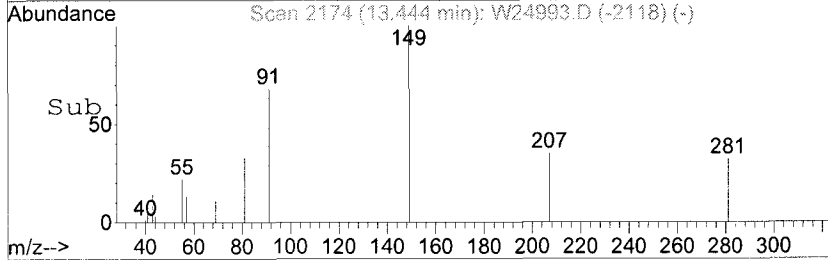
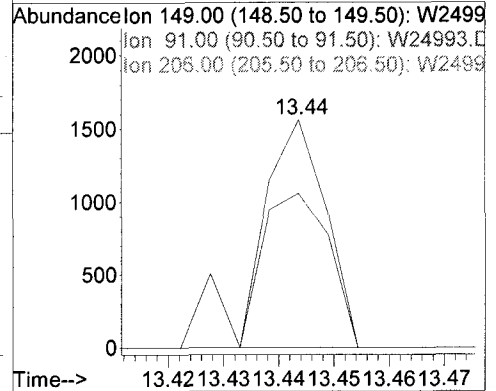
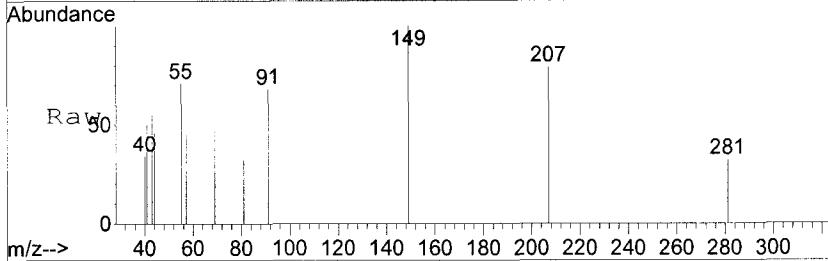
(#) = qualifier out of range (m) = manual integration (+) = signals summed

mfg/7/16/08



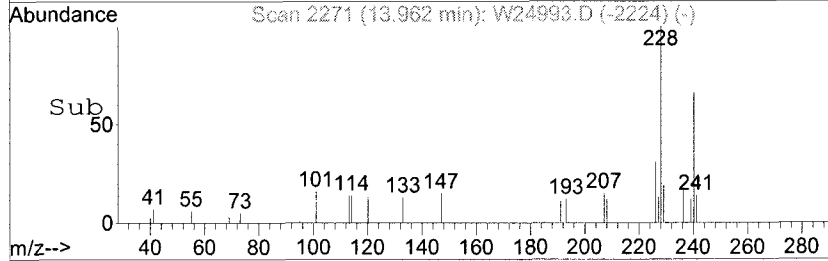
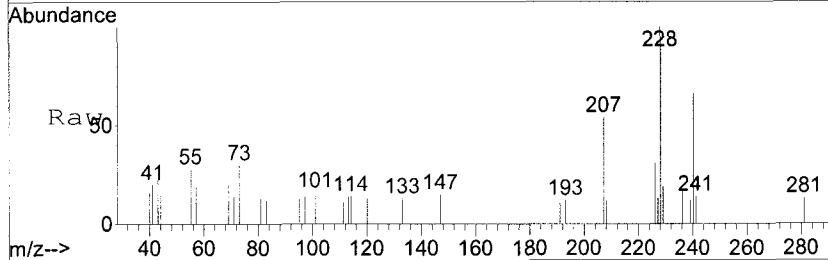
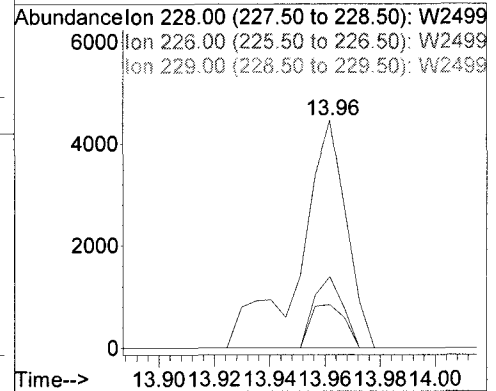
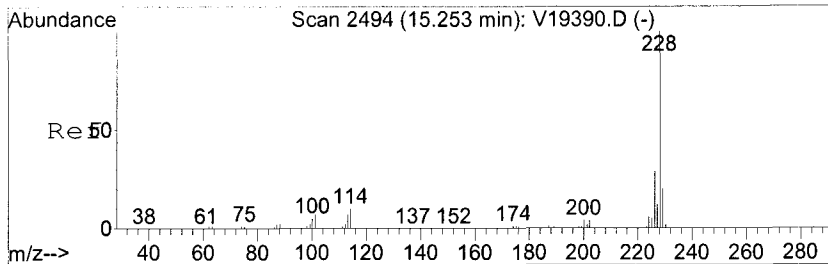
#72
 C720 Butylbenzylphthalate
 Concen: 0.73 ng
 RT: 13.44 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: W24993.D
 Acq: 11 Jul 2008 18:55

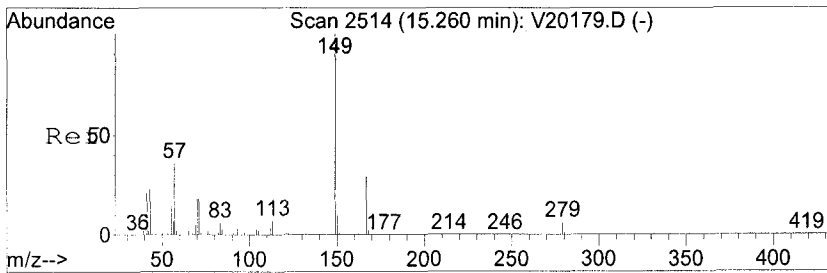
Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.6	57.0	97.0
206	0.0	2.7	42.7#



#75
 C735 Chrysene
 Concen: 1.52 ng
 RT: 13.96 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: W24993.D
 Acq: 11 Jul 2008 18:55

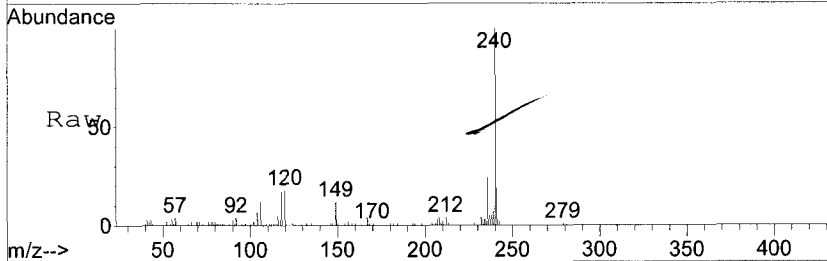
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	7.1	47.1
229	19.0	0.0	38.8



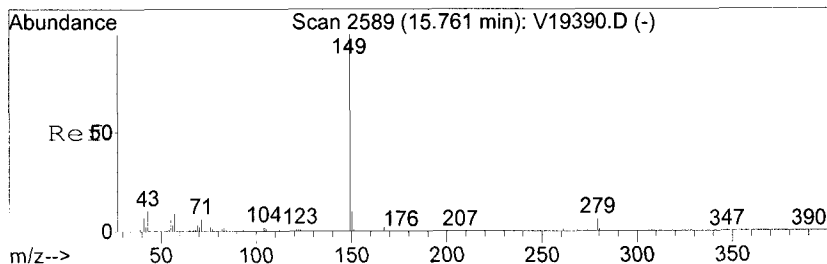
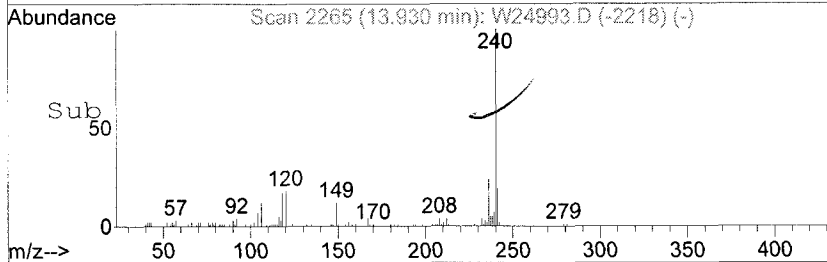
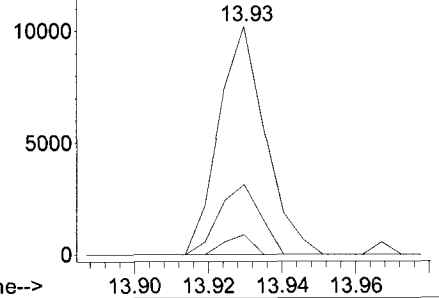


#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 3.72 ng
 RT: 13.93 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: W24993.D
 Acq: 11 Jul 2008 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	13.1	53.1
279	8.7	0.0	27.5

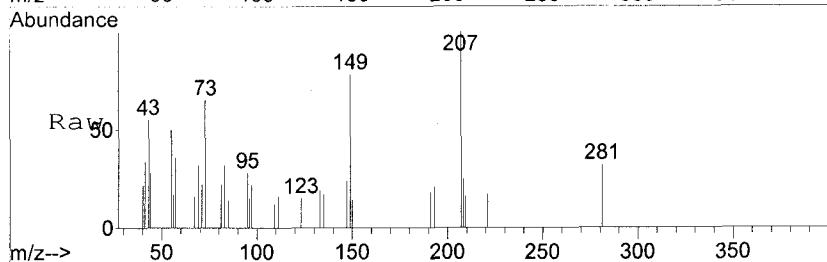


Abundance Ion 149.00 (148.50 to 149.50): W2499
 Ion 167.00 (166.50 to 167.50): W2499
 Ion 279.00 (278.50 to 279.50): W2499

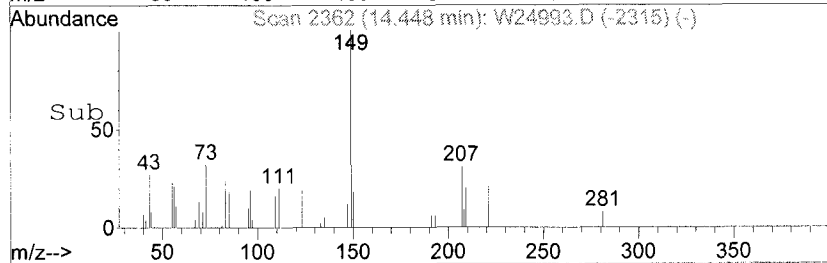
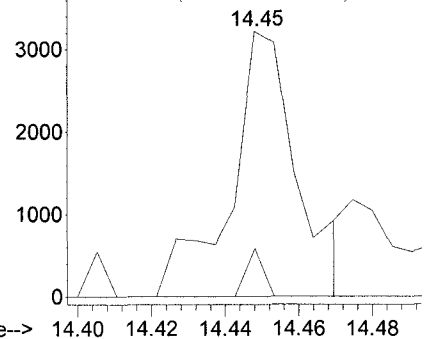


#77
 C760 Di-n-octylphthalate
 Concen: 1.09 ng
 RT: 14.45 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: W24993.D
 Acq: 11 Jul 2008 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	18.2	0.0	29.5



Abundance Ion 149.00 (148.50 to 149.50): W2499
 Ion 150.00 (149.50 to 150.50): W2499



Data File : C:\MSDCHEM\1\DATA\071108\W24993.D
Acq On : 11 Jul 2008 18:55
Sample : A8798805 AS80007826
Misc :
MS Integration Params: LSCINT.P

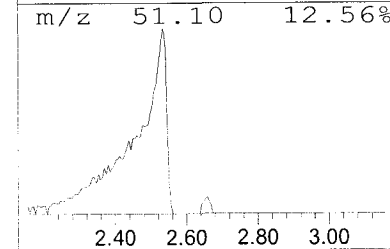
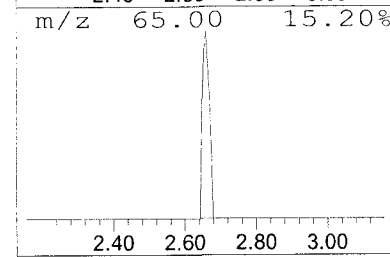
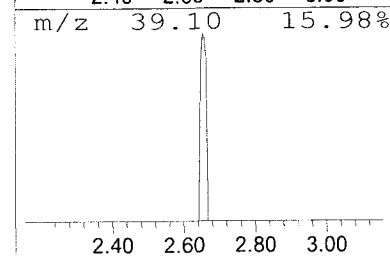
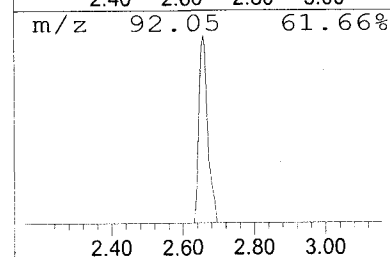
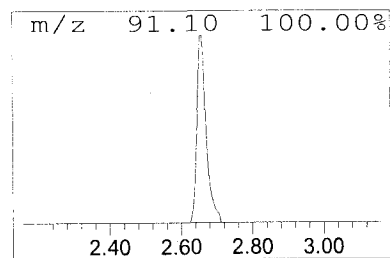
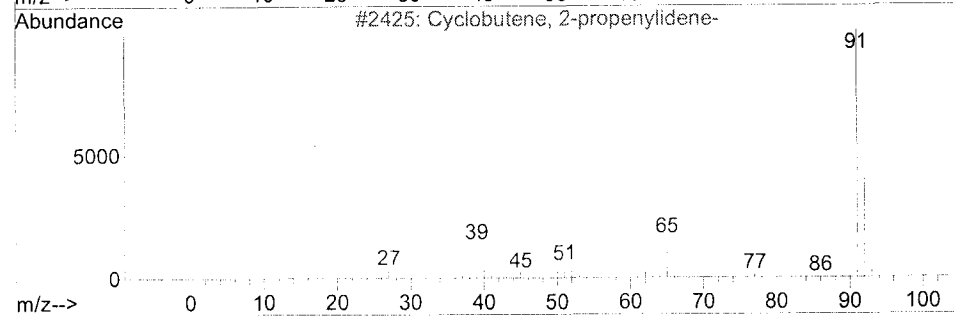
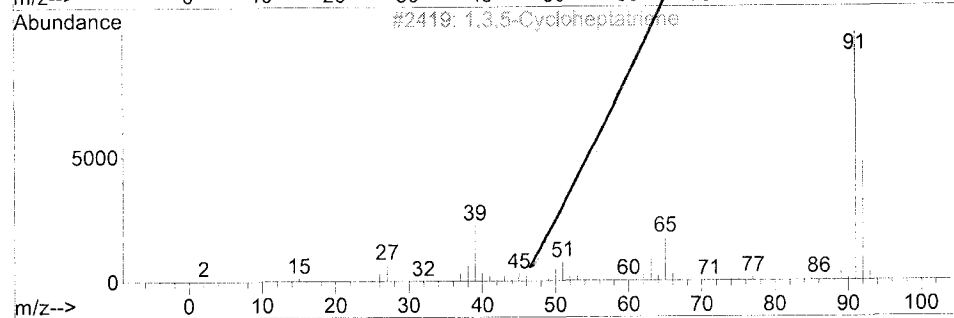
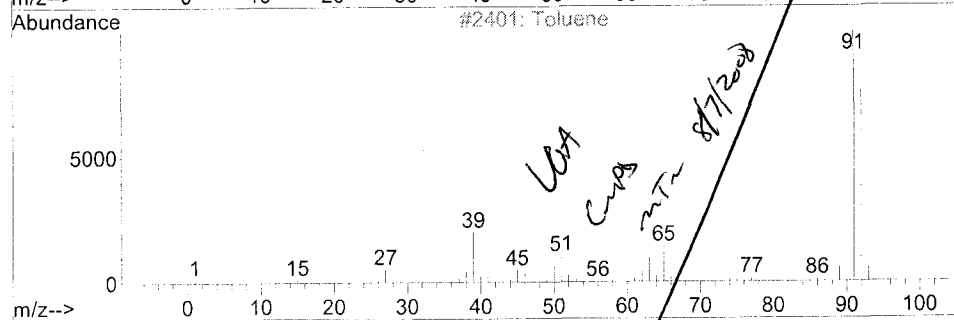
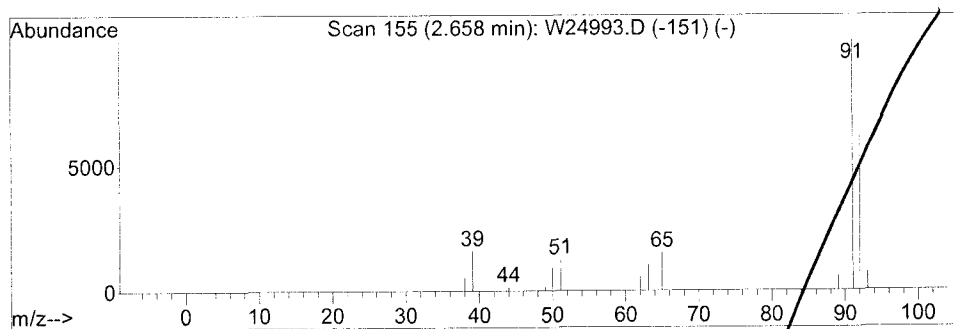
Vial: 19
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Library : C:\DATABASE\NIST02.L

Peak Number 1 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.66	12.14 ng	40988	CI30 1,4-Dichloro	270133	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	91
2		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3		Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	83
4		Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	78
5		1,5-Heptadien-3-yne	92	C7H8	003511-27-1	78



Data File : C:\MSDCHEM\1\DATA\071108\W24993.D
 Acq On : 11 Jul 2008 18:55
 Sample : A8798805 AS80007826
 Misc :
 MS Integration Params: LSCINT.P

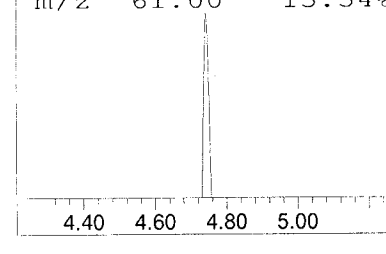
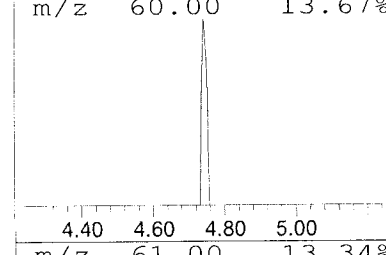
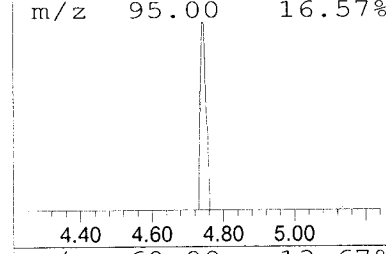
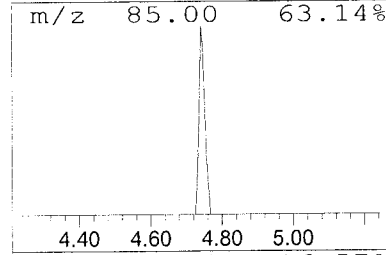
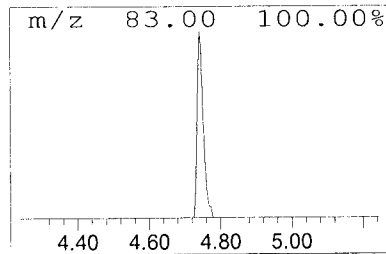
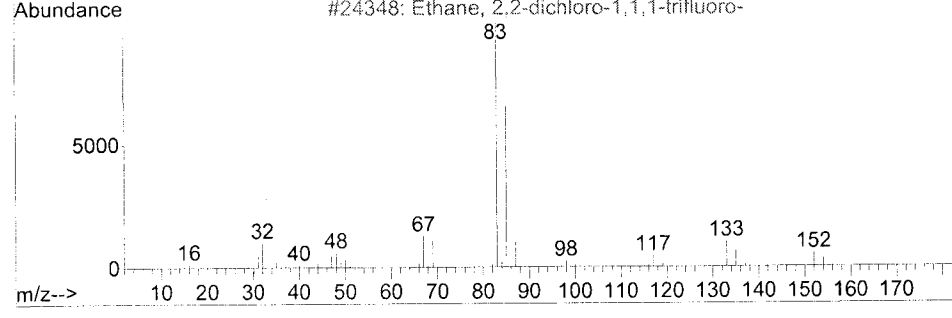
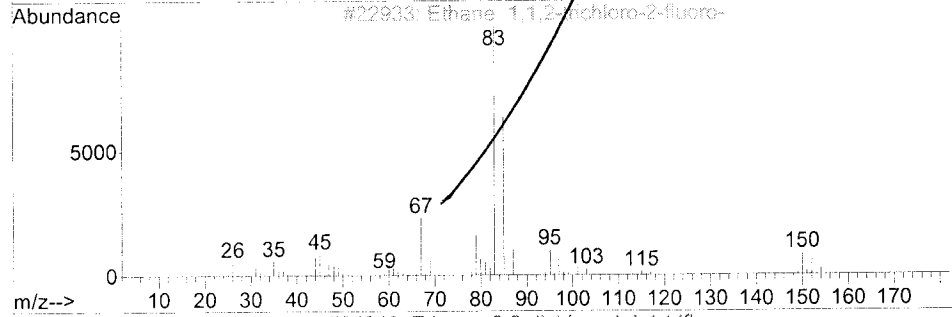
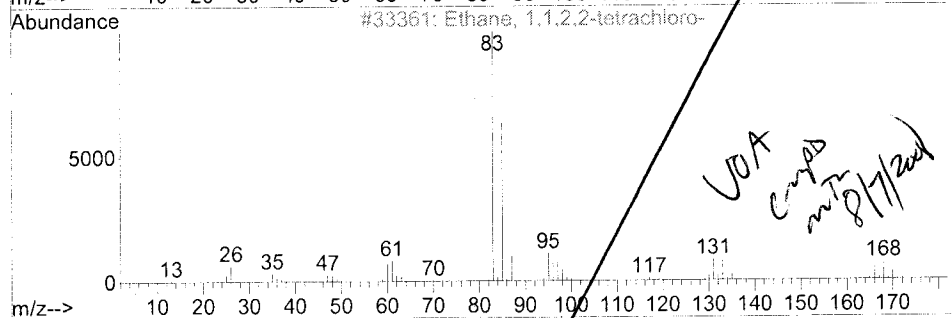
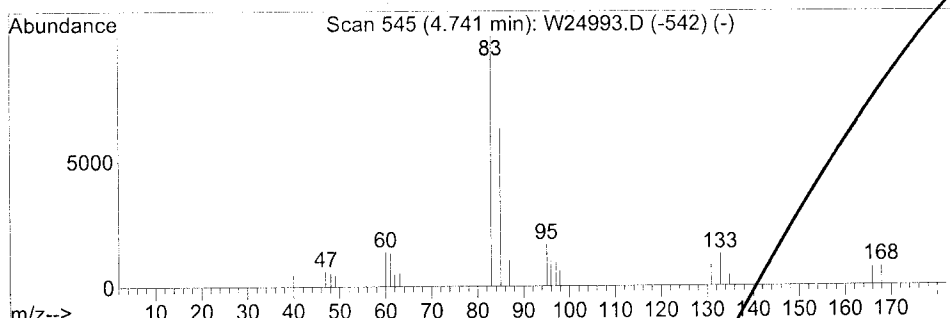
Vial: 19
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 2 Ethane, 1,1,2,2-tetrachloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.74	11.54 ng	38952	CI30 1,4-Dichloro	270133	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	87
2		Ethane, 1,1,2-trichloro-2-fluoro-	150	C2H2Cl3F	000359-28-4	64
3		Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	45
4		Ethane, 1,1-dichloro-2,2-difluoro-	134	C2H2Cl2F2	000471-43-2	45
5		Acetyl chloride, dichloro-	146	C2HCl3O	000079-36-7	33



Data File : C:\MSDCHEM\1\DATA\071108\W24993.D
 Acq On : 11 Jul 2008 18:55
 Sample : A8798805 AS80007826
 Misc :
 MS Integration Params: LSCINT.P

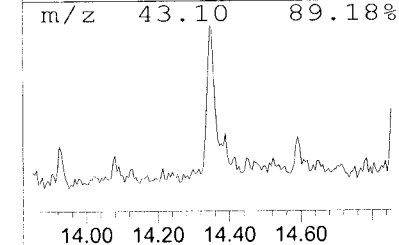
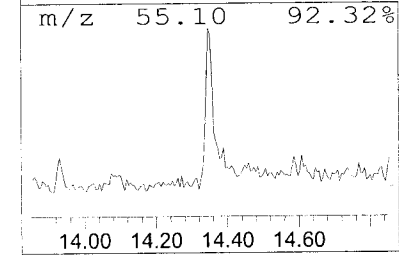
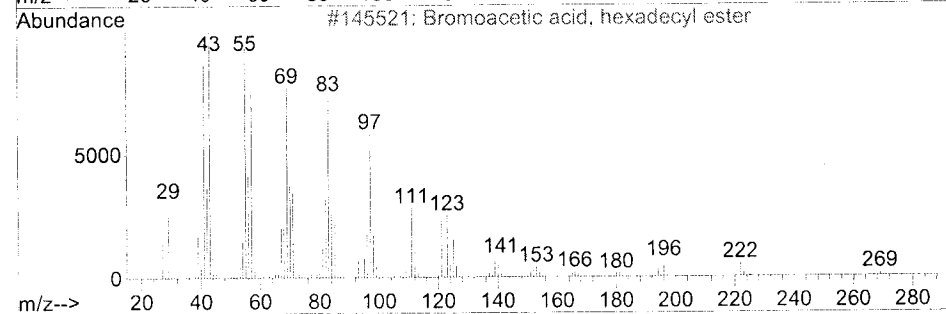
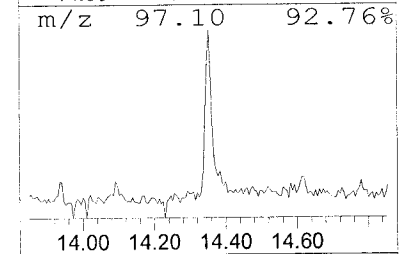
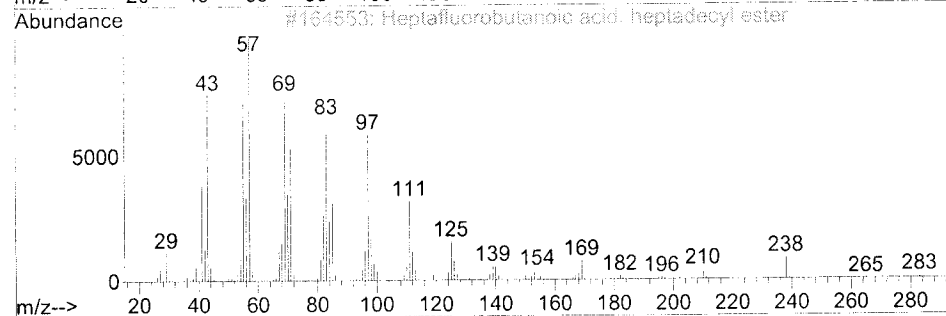
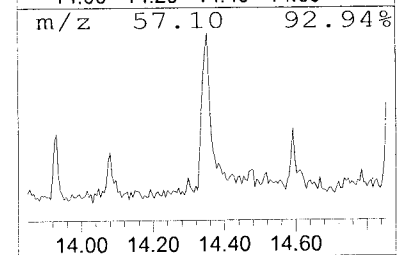
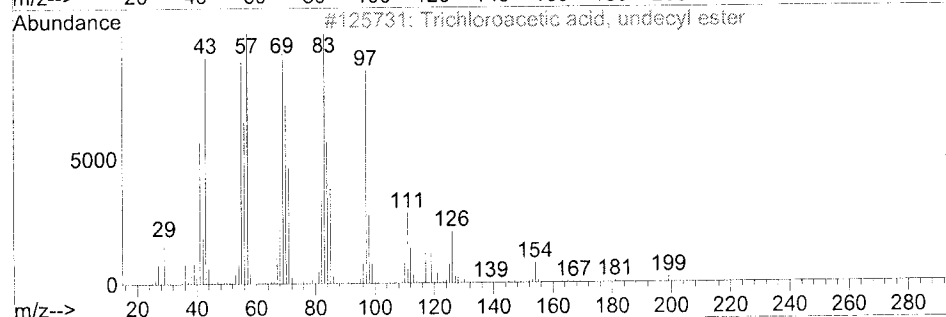
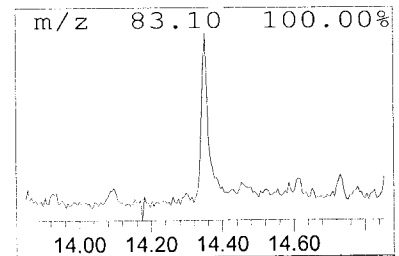
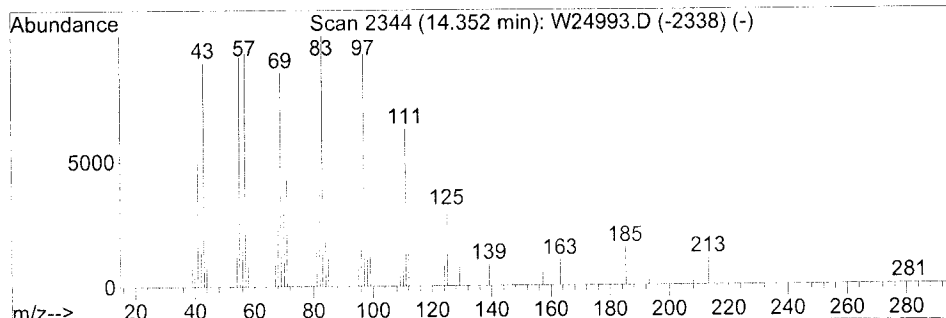
Vial: 19
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 3 Trichloroacetic acid, undec... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.35	15.03 ng	120211	CI70 Chrysene-d12	640031	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	80
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	52
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	49
4		17-Pentatriacontene	491	C35H70	006971-40-0	46
5		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	46



Data File : C:\MSDCHEM\1\DATA\071108\W24993.D
 Acq On : 11 Jul 2008 18:55
 Sample : A8798805 AS80007826
 Misc :
 MS Integration Params: LSCINT.P

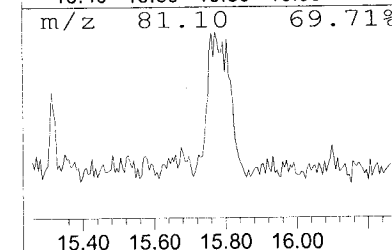
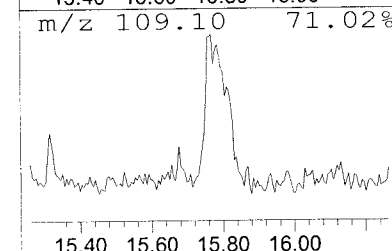
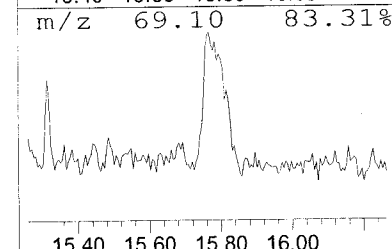
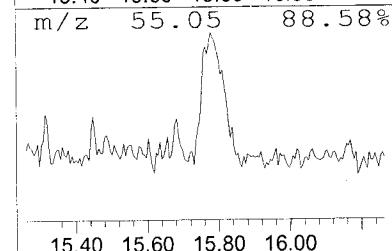
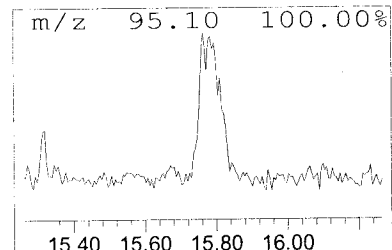
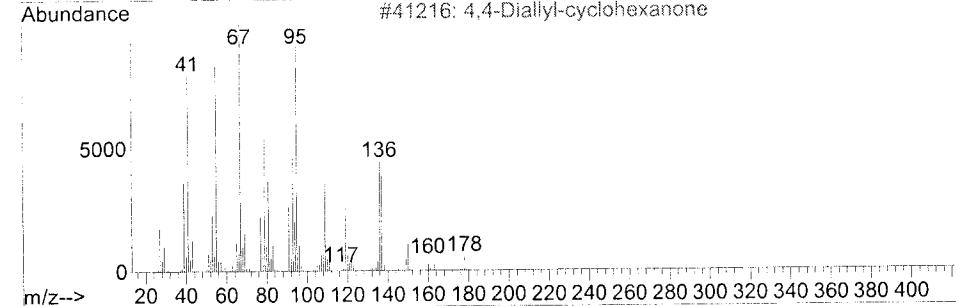
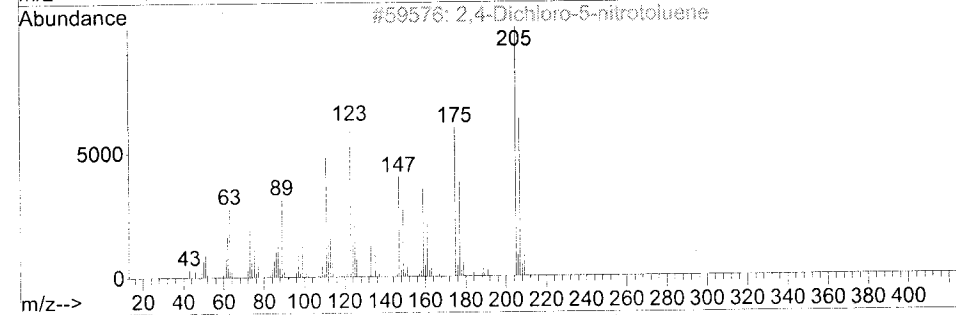
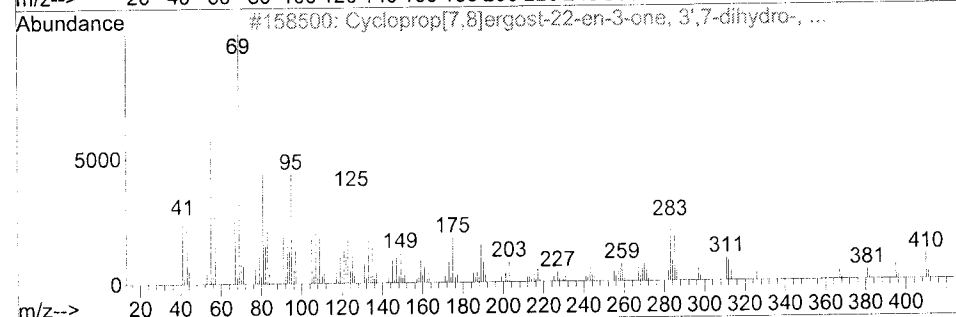
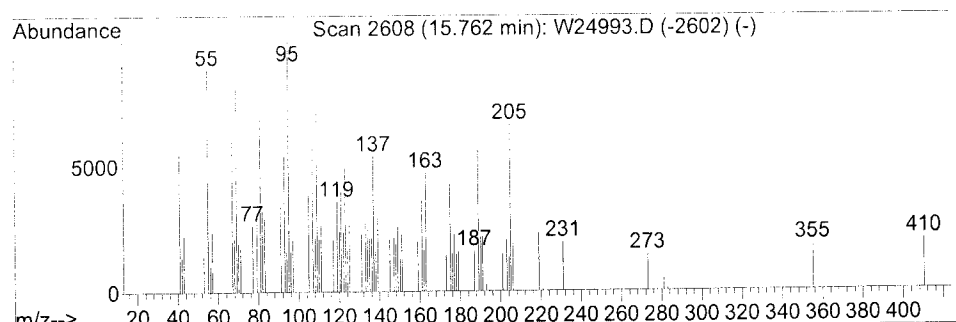
Vial: 19
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 4 Cycloprop[7,8]ergost-22-en-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
15.76	12.75 ng	127561	CI75 Perylene-d12	800503	15.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloprop[7,8]ergost-22-en-3-one...	410	C29H46O	053755-18-3	43
2			2,4-Dichloro-5-nitrotoluene	205	C7H5Cl2NO2	007149-77-1	25
3			4,4-Diallyl-cyclohexanone	178	C12H18O	1000186-50-2	22
4			4-Cyclohexylidene-n-butanol	154	C10H18O	004441-58-1	22
5			Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	22



Data File : C:\MSDCHEM\1\DATA\071108\W24993.D
Acq On : 11 Jul 2008 18:55
Sample : A8798805 AS80007826
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

TIC Top Hit name	RT	EstConc	Units	Response	#	|--Internal Standard--|		
						RT	Resp	Concl
Toluene	2.66	12.1	ng	40988	1	5.85	270133	80.0
Ethane, 1,1,2,2-t...	4.74	11.5	ng	38952	1	5.85	270133	80.0
Trichloroacetic a...	14.35	15.0	ng	120211	5	13.94	640031	80.0
Cycloprop[7,8]erg...	15.76	12.7	ng	127561	6	15.16	800503	80.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805RISample wt/vol: 30.82 (g/mL) G Lab File ID: X25519.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene		210	U
208-96-8-----	Acenaphthylene		210	U
98-86-2-----	Acetophenone		210	U
120-12-7-----	Anthracene		210	U
1912-24-9-----	Atrazine		210	U
100-52-7-----	Benzaldehyde		210	U
56-55-3-----	Benzo (a) anthracene		210	U
205-99-2-----	Benzo (b) fluoranthene		210	U
207-08-9-----	Benzo (k) fluoranthene		17	J
191-24-2-----	Benzo (ghi) perylene		210	U
50-32-8-----	Benzo (a) pyrene		210	U
92-52-4-----	Biphenyl		210	U
111-91-1-----	Bis (2-chloroethoxy) methane		210	U
111-44-4-----	Bis (2-chloroethyl) ether		210	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		210	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		77	J
101-55-3-----	4-Bromophenyl phenyl ether		210	U
85-68-7-----	Butyl benzyl phthalate		210	U
105-60-2-----	Caprolactam		210	U
106-47-8-----	4-Chloroaniline		210	U
59-50-7-----	4-Chloro-3-methylphenol		210	U
91-58-7-----	2-Chloronaphthalene		210	U
95-57-8-----	2-Chlorophenol		210	U
7005-72-3-----	4-Chlorophenyl phenyl ether		210	U
86-74-8-----	Carbazole		210	U
218-01-9-----	Chrysene		32	BJ
53-70-3-----	Dibenzo (a, h) anthracene		210	U
132-64-9-----	Dibenzofuran		210	U
84-74-2-----	Di-n-butyl phthalate		210	U
91-94-1-----	3,3'-Dichlorobenzidine		210	U
120-83-2-----	2,4-Dichlorophenol		210	U
84-66-2-----	Diethyl phthalate		210	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805RISample wt/vol: 30.82 (g/mL) G Lab File ID: X25519.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9	2,4-Dimethylphenol	210		U
131-11-3	Dimethyl phthalate	210		U
534-52-1	4,6-Dinitro-2-methylphenol	410		U
51-28-5	2,4-Dinitrophenol	410		U
121-14-2	2,4-Dinitrotoluene	210		U
606-20-2	2,6-Dinitrotoluene	210		U
117-84-0	Di-n-octyl phthalate	210		U
206-44-0	Fluoranthene	210		U
86-73-7	Fluorene	210		U
118-74-1	Hexachlorobenzene	210		U
87-68-3	Hexachlorobutadiene	210		U
77-47-4	Hexachlorocyclopentadiene	210		U
67-72-1	Hexachloroethane	210		U
193-39-5	Indeno (1,2,3-cd) pyrene	210		U
78-59-1	Isophorone	210		U
91-57-6	2-Methylnaphthalene	210		U
95-48-7	2-Methylphenol	210		U
106-44-5	4-Methylphenol	210		U
91-20-3	Naphthalene	210		U
88-74-4	2-Nitroaniline	410		U
99-09-2	3-Nitroaniline	410		U
100-01-6	4-Nitroaniline	410		U
98-95-3	Nitrobenzene	210		U
88-75-5	2-Nitrophenol	210		U
100-02-7	4-Nitrophenol	410		U
86-30-6	N-nitrosodiphenylamine	210		U
621-64-7	N-Nitroso-Di-n-propylamine	210		U
87-86-5	Pentachlorophenol	410		U
85-01-8	Phenanthrene	210		U
108-95-2	Phenol	210		U
129-00-0	Pyrene	210		U
95-95-4	2,4,5-Trichlorophenol	210		U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805RI

Sample wt/vol: 30.82 (g/mL) G Lab File ID: X25519.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

88-06-2-----	2,4,6-Trichlorophenol	210	U
--------------	-----------------------	-----	---

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805RISample wt/vol: 30.82 (g/mL) G Lab File ID: X25519.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22.1 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

Number TICs found: 2

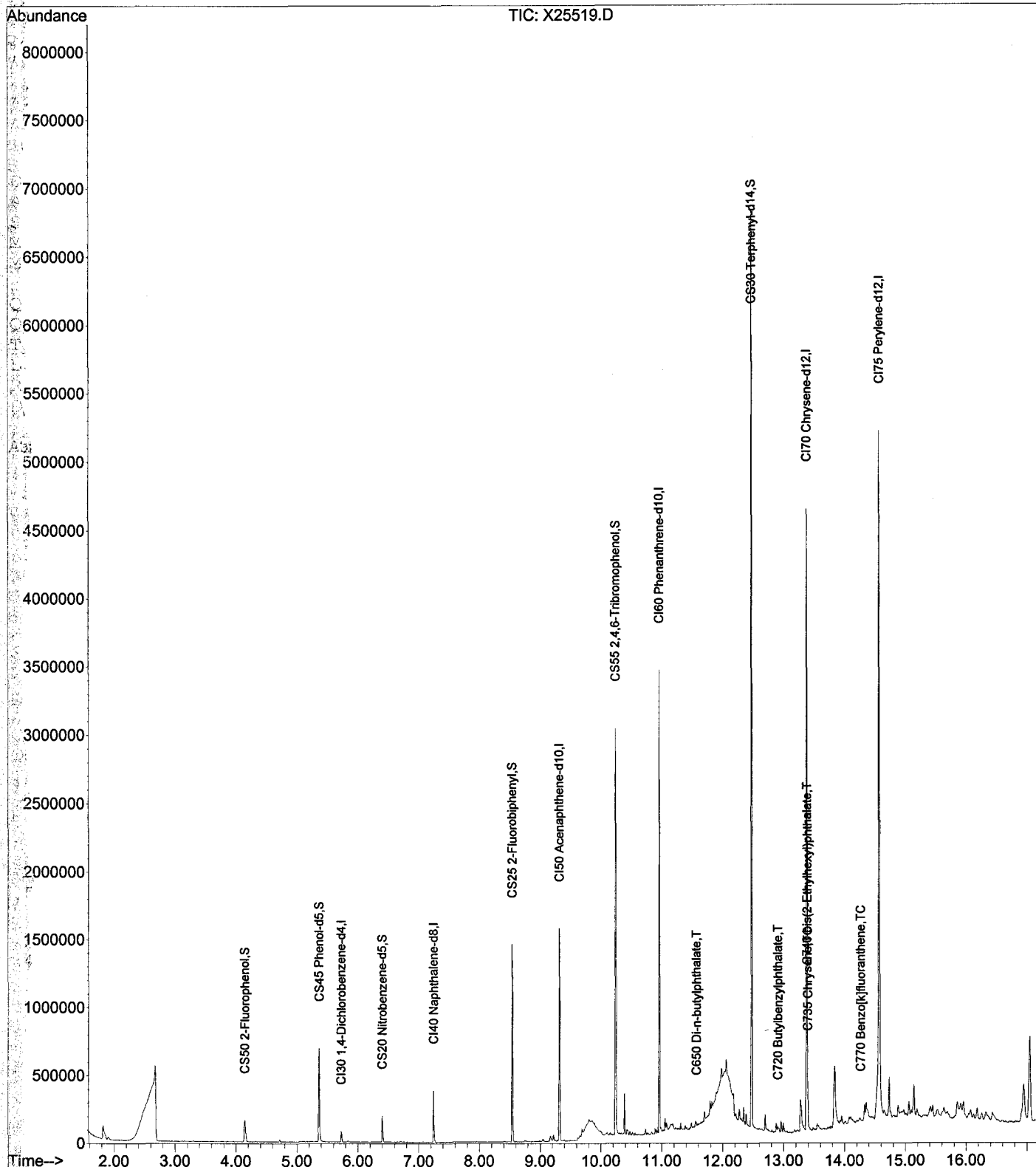
CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 295-65-8	CYCLOHEXADECANE	13.27	170	JN
2. 74339-49-4	TRICHLOROACETIC ACID, UNDECY	13.83	390	JN

No App
+ TIC

Data File : D:\DATA\080408\X25519.D
Acq On : 5 Aug 2008 6:28
Sample : A8798805 AS8007826
Misc :
MS Integration Params: *RJ* rteint.p

Vial: 56
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 05 17:19:09 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\080408\X25519.D
 Acq On : 5 Aug 2008 6:28
 Sample : A8798805 AS8007826
 Misc :

Vial: 56
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 17:19:09 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

*SS AJ
8508*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	12332	40.00	ng	0.00 3.15%
20) CI40 Naphthalene-d8	7.25	136	155030	40.00	ng	0.00 10.49%
35) CI50 Acenaphthene-d10	9.32	164	348926	40.00	ng	0.00 45.33%
56) CI60 Phenanthrene-d10	10.96	188	1142286	40.00	ng	0.00 80.54%
68) CI70 Chrysene-d12	13.38	240	1433548	40.00	ng	0.00 101.73%
78) CI75 Perylene-d12	14.57	264	1679985	40.00	ng	0.00 93.60%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.15	112	73363	145.61	ng	0.00
Spiked Amount	150.000	Range 21 - 110	Recovery =	97.07%		
5) CS45 Phenol-d5	5.37	99	285190	414.66	ng	0.00
Spiked Amount	150.000	Range 10 - 110	Recovery =	276.44%#		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range 33 - 110	Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range 16 - 110	Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.41	82	64919	36.46	ng	0.00
Spiked Amount	100.000	Range 34 - 114	Recovery =	36.46%		
39) CS25 2-Fluorobiphenyl	8.54	172	422689	34.59	ng	0.00
Spiked Amount	100.000	Range 43 - 116	Recovery =	34.59%#		
59) CS55 2,4,6-Tribromophenol	10.25	330	352197	127.25	ng	0.00
Spiked Amount	150.000	Range 10 - 123	Recovery =	84.83%		
71) CS30 Terphenyl-d14	12.48	244	1911794	56.62	ng	0.00
Spiked Amount	100.000	Range 33 - 141	Recovery =	56.62%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

m 8/12/08

Data File : D:\DATA\080408\X25519.D
 Acq On : 5 Aug 2008 6:28
 Sample : A8798805 AS8007826
 Misc :

Vial: 56
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 17:19:09 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

*SS
 8/5/08*

Internal Standards	R.T.	Q Ion	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.	d		
42) C540 Acenaphthylene	9.16	152	188	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	0.00	153	0	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.	d		
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	9.88	149	1700	N.D.			
54) C620 1,2-diphenylhydrazi	10.15	77	474	N.D.			
55) C595 4-Nitroaniline	10.39	138	175	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	10.99	178	2213	N.D.			
64) C645 Anthracene	11.04	178	282	N.D.			
65) C647 carbazole	11.23	167	646	N.D.			
66) C650 Di-n-butylphthalate	11.57	149	7280	0.21	ng		92
67) C655 Fluoranthene	12.12	202	5331	N.D.			
69) C715 Pyrene	12.32	202	2662	N.D.			
70) C710 benzidine	0.00	184	0	N.D.	d		
72) C720 Butylbenzylphthalate	12.91	149	9378	0.44	ng		92
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	13.39	228	6531	N.D.			
75) C735 Chrysene	13.40	228	33329	0.78	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.40	149	53655	1.85	ng		90
77) C760 Di-n-octylphthalate	0.00	149	0	N.D.	d		
79) C765 Benzo[b]fluoranthen	14.25	252	7332	N.D.			
80) C770 Benzo[k]fluoranthene	14.27	252	3142m	0.41	ng	#	88
81) C775 Benzo[a]pyrene	0.00	252	0	N.D.	d		
82) C780 Indeno[1,2,3-cd]pyr	15.52	276	2306	N.D.			
83) C785 Dibenz[a,h]anthrace	15.53	278	824	N.D.			
84) C790 Benzo[g,h,i]perylene	15.79	276	2436	N.D.			

MP 7/12/08

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\080408\X25519.D
 Acq On : 5 Aug 2008 6:28
 Sample : A8798805 AS8007826
 Misc :

Vial: 56
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 17:51:38 2008

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Tue Aug 05 17:50:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

(Handwritten)
 50-8656

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	12332	40.00	ng	0.00 4.97%
4) CI40 Naphthalene-d8	7.25	136	155030	40.00	ng	0.00 17.41%
7) CI50 Acenaphthene-d8	9.32	164	348926	40.00	ng	0.00 82.07%
10) CI60 Phenanthrene-d10	10.96	188	1142286	40.00	ng	0.00 184.21%
12) CI70 Chrysene-d12	13.38	240	1433548	40.00	ng	0.00 225.47%
13) CI75 Perylene-d12	14.57	264	1679985	40.00	ng	0.00 218.77%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	5.37	77	540	1.12	ng	# 4
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.54	154	699	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

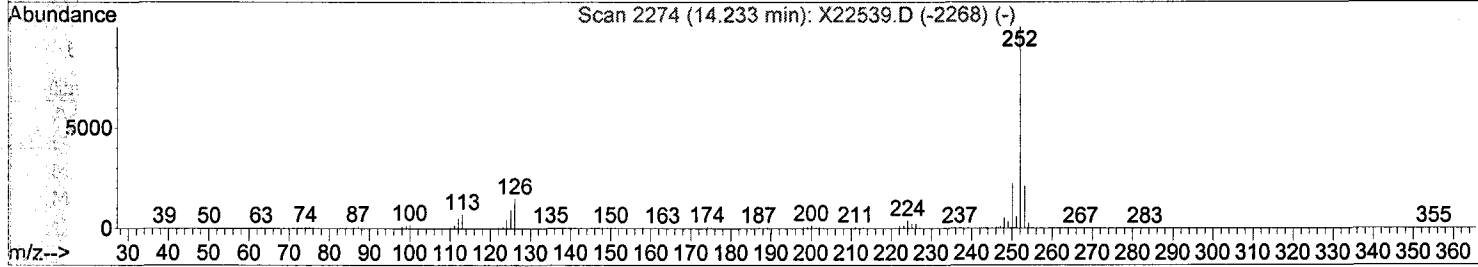
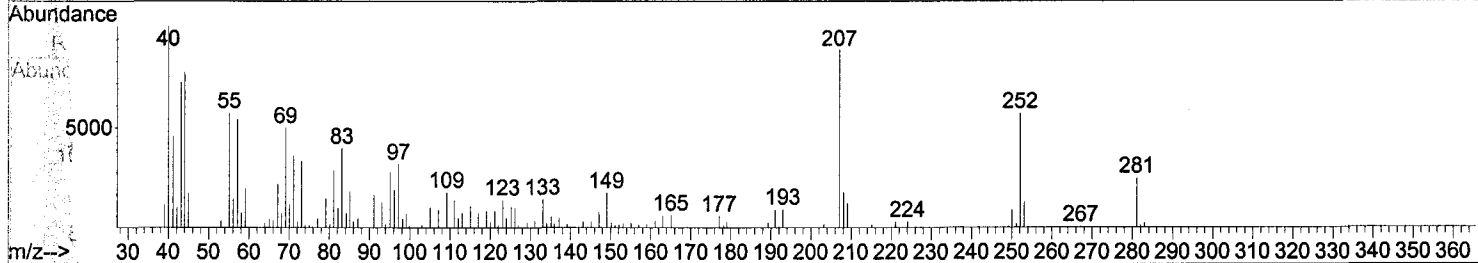
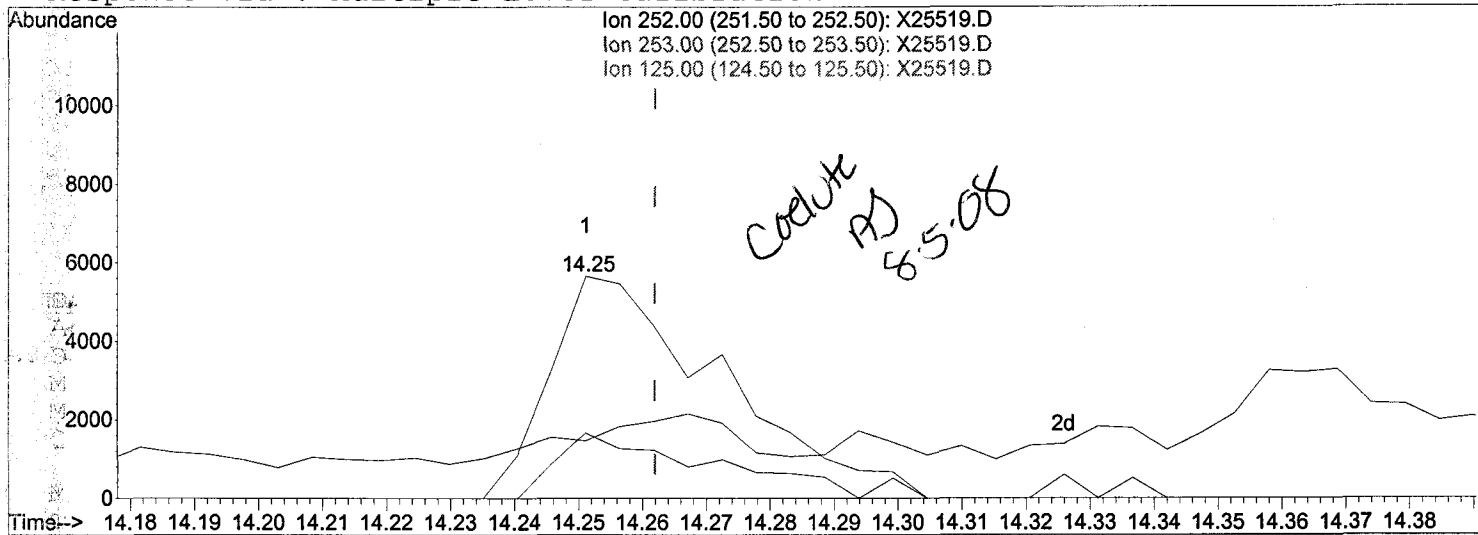
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(Handwritten signature)
 8/7/2008

Data File : D:\DATA\080408\X25519.D
Acq On : 5 Aug 2008 6:28
Sample : A8798805 AS8007826
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 05 10:03:41 2008

Vial: 56
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25519.D

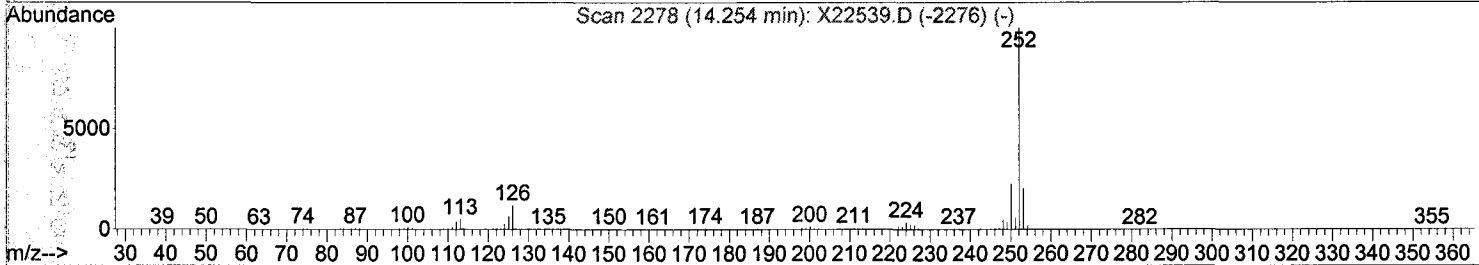
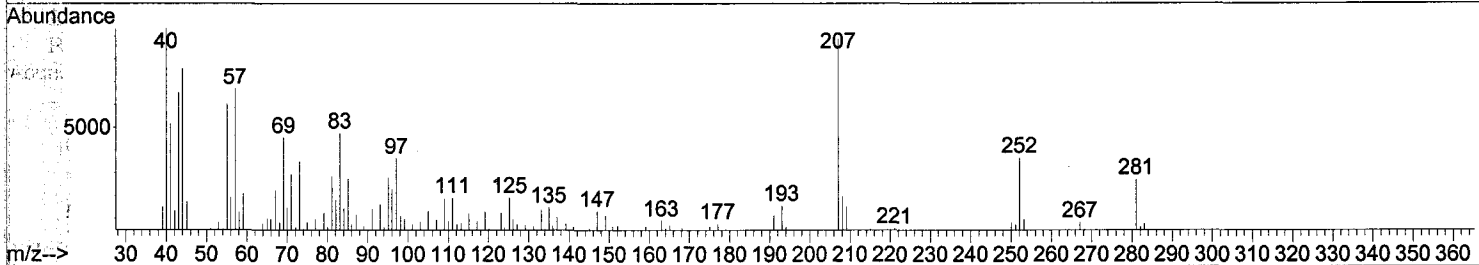
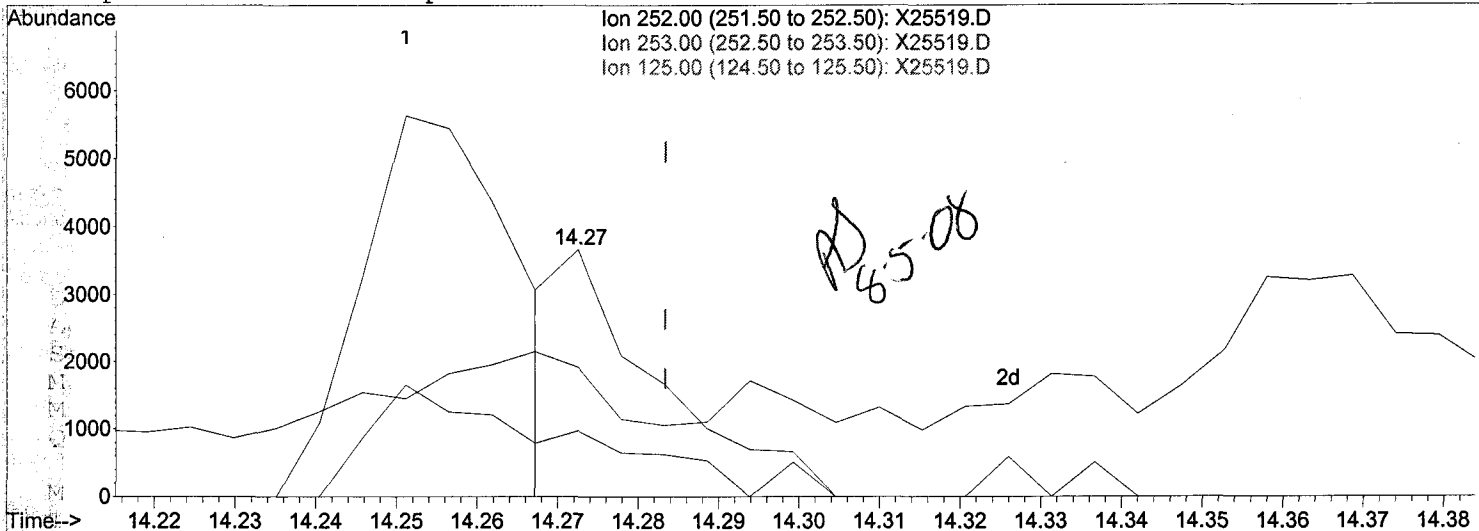
(79) C765 Benzo[b]fluoranthene (TC)		
14.25min (-0.011)	0.20ng	
response	10474	
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	29.33
125.00	11.00	10.42
0.00	0.00	0.00

Handwritten signature: *AJ 8/6/08*

Data File : D:\DATA\080408\X25519.D
Acq On : 5 Aug 2008 6:28
Sample : A8798805 AS8007826
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 05 10:03:41 2008

Vial: 56
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

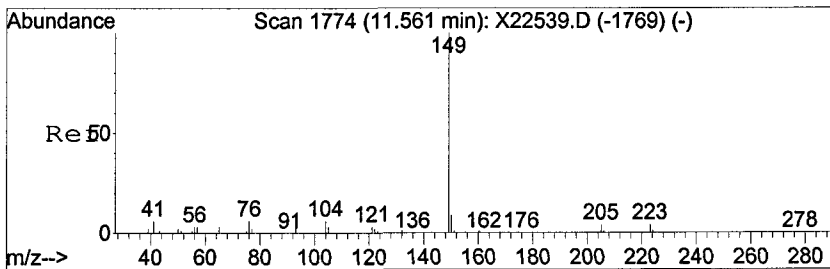
Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25519.D

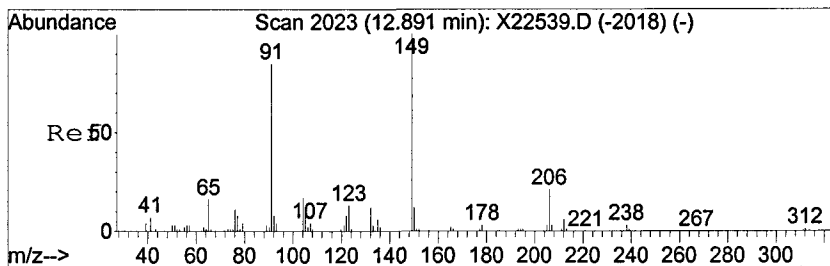
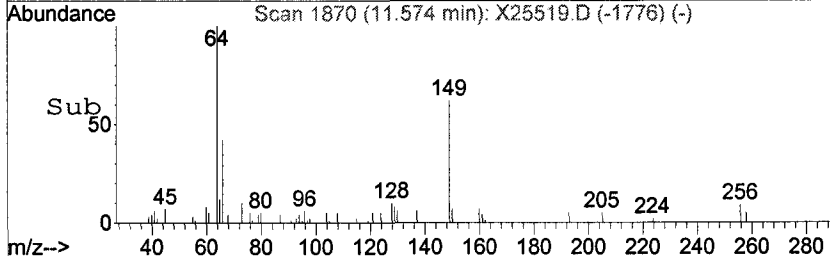
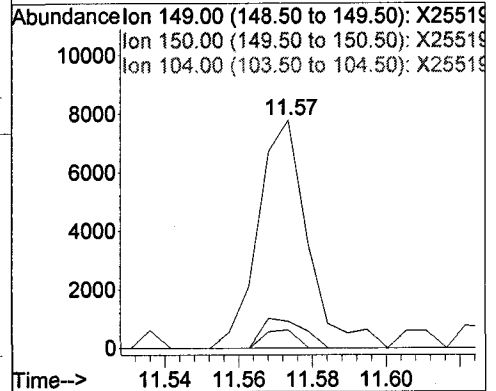
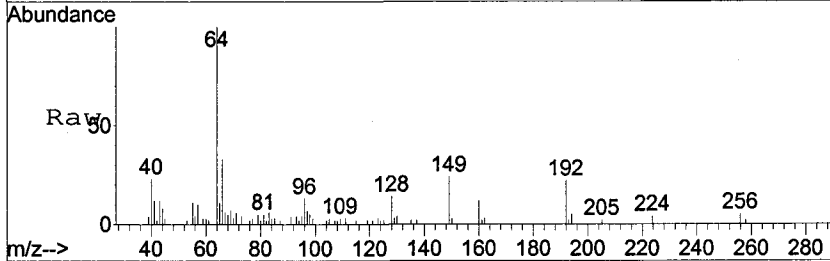
Time	Abund
(80) C770 Benzo[k]fluoranthene (TC)	
14.27min (-0.011) 0.41ng m	
response 3142	
Ion	Exp% Act%
252.00	100 100
253.00	21.50 26.51
125.00	11.50 52.22#
0.00	0.00 0.00

Handwritten note: 'AD 8/6/08' in the bottom right corner of the table area.



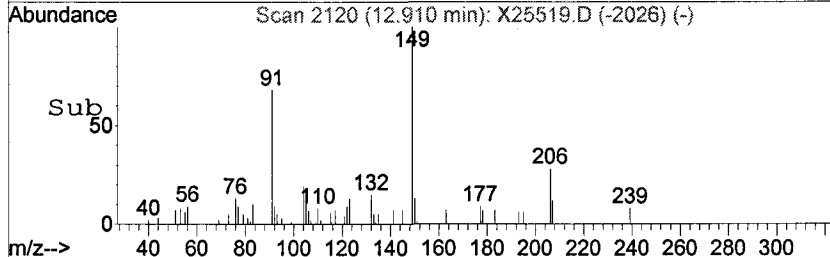
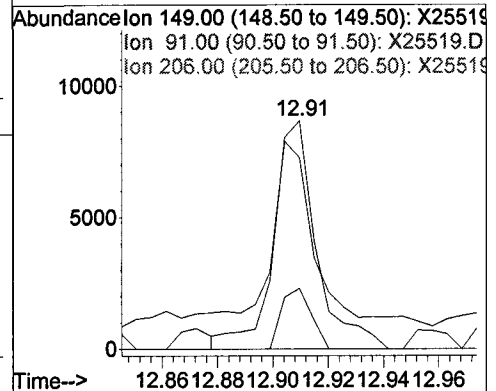
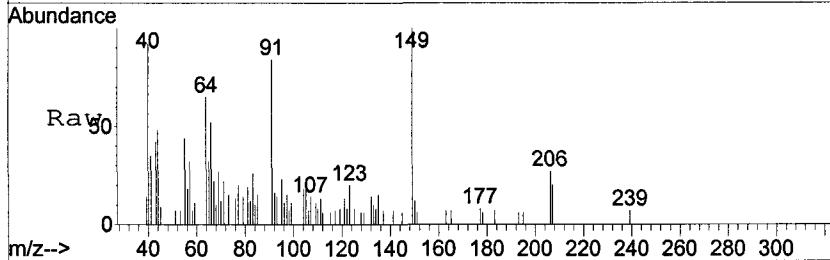
#66
C650 Di-n-butylphthalate
Concen: 0.21 ng
RT: 11.57 min Scan# 1870
Delta R.T. -0.00 min
Lab File: X25519.D
Acq: 5 Aug 2008 6:28

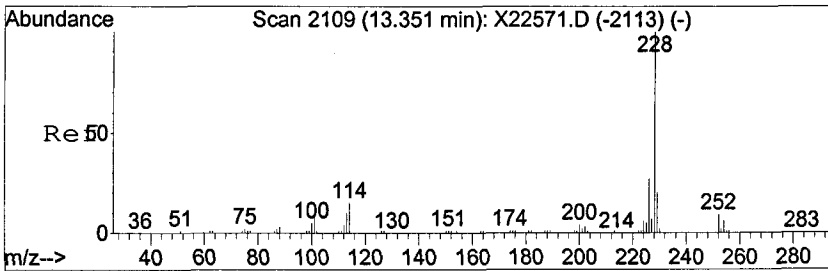
Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.8	0.0	29.0
104	7.9	0.0	25.3



#72
C720 Butylbenzylphthalate
Concen: 0.44 ng
RT: 12.91 min Scan# 2120
Delta R.T. -0.00 min
Lab File: X25519.D
Acq: 5 Aug 2008 6:28

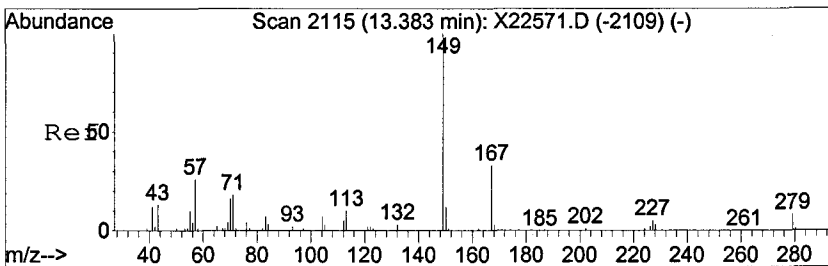
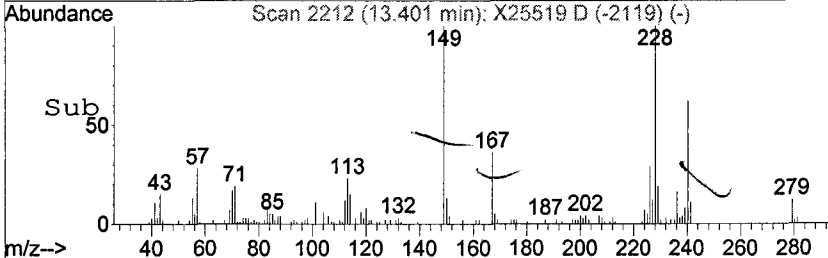
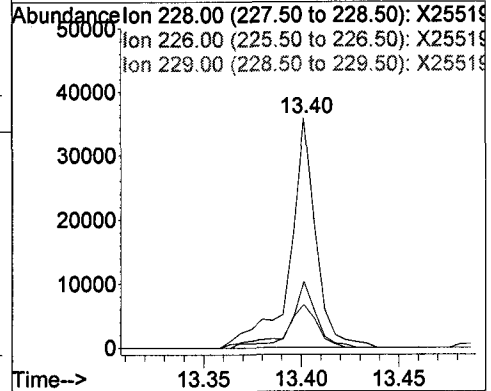
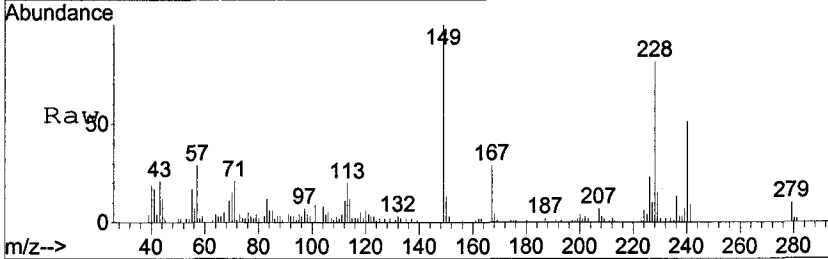
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.9	57.1	97.1
206	26.6	2.9	42.9





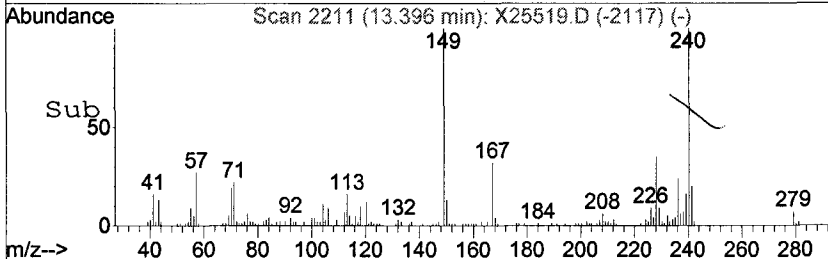
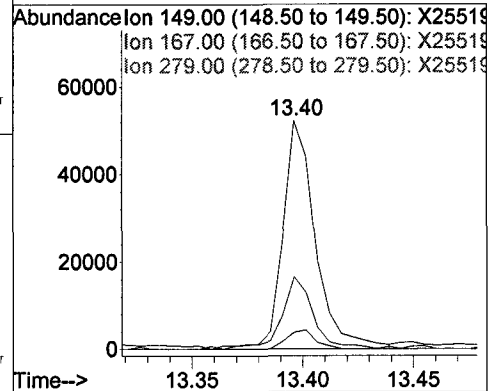
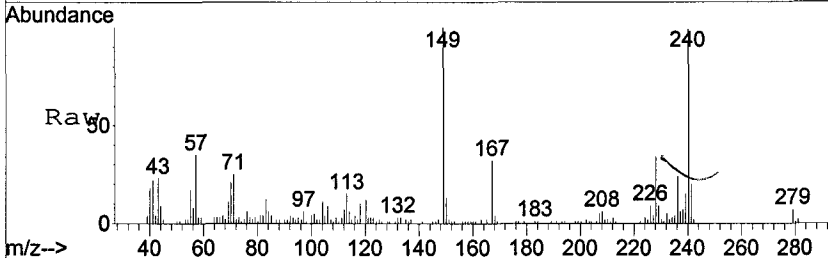
#75
 C735 Chrysene
 Concen: 0.78 ng
 RT: 13.40 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: X25519.D
 Acq: 5 Aug 2008 6:28

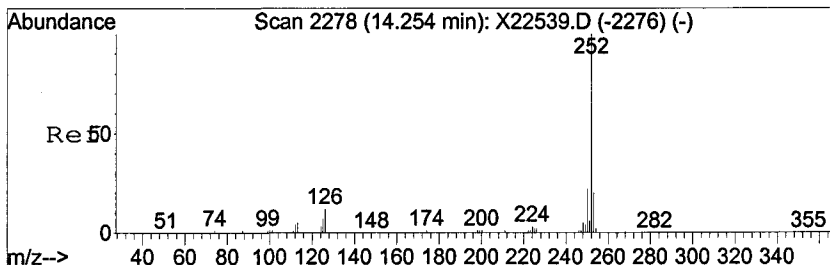
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	8.5	48.5
229	18.8	0.0	39.5



#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 1.85 ng
 RT: 13.40 min Scan# 2211
 Delta R.T. -0.00 min
 Lab File: X25519.D
 Acq: 5 Aug 2008 6:28

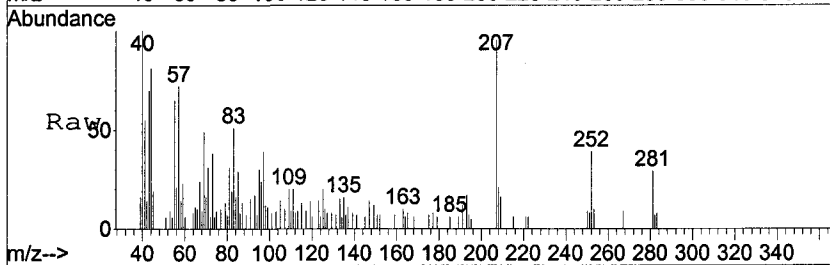
Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	16.2	56.2
279	7.3	0.0	31.4



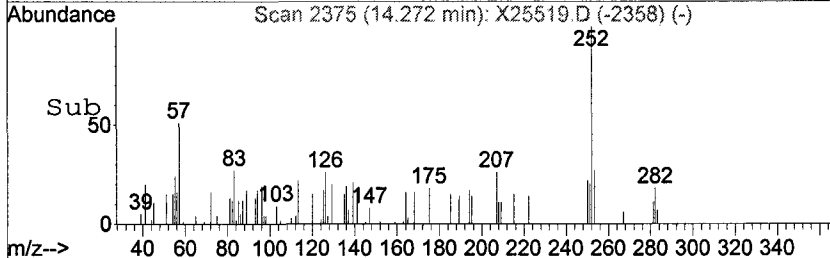
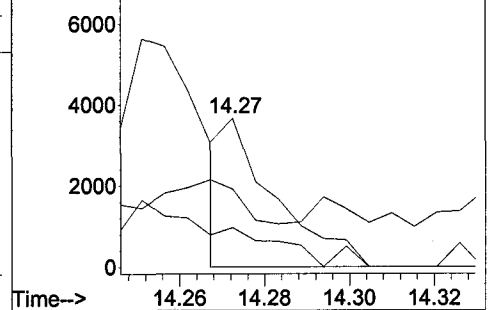


#80
 C770 Benzo[k]fluoranthene
 Concen: 0.41 ng m
 RT: 14.27 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: X25519.D
 Acq: 5 Aug 2008 6:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	1.5	41.5
125	52.2	0.0	31.5#



Abundance Ion 252.00 (251.50 to 252.50): X25519
 Ion 253.00 (252.50 to 253.50): X25519
 Ion 125.00 (124.50 to 125.50): X25519



Data Path : D:\DATA\080408\
 Data File : X25519.D
 Acq On : 5 Aug 2008 6:28
 Operator : AJ
 Sample : A8798805 AS8007826
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

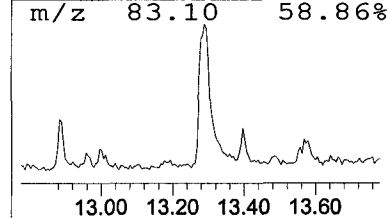
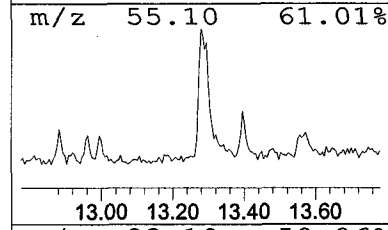
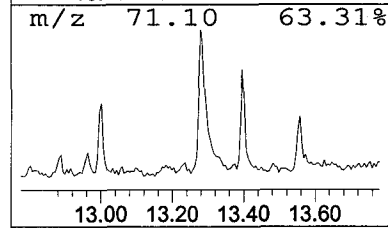
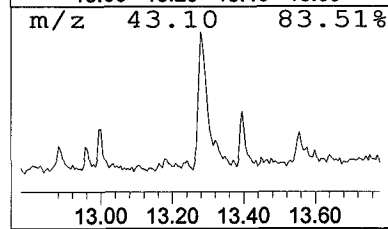
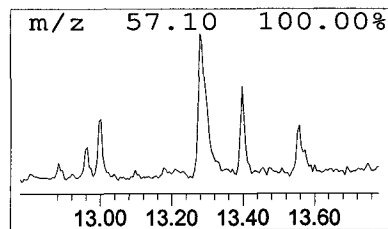
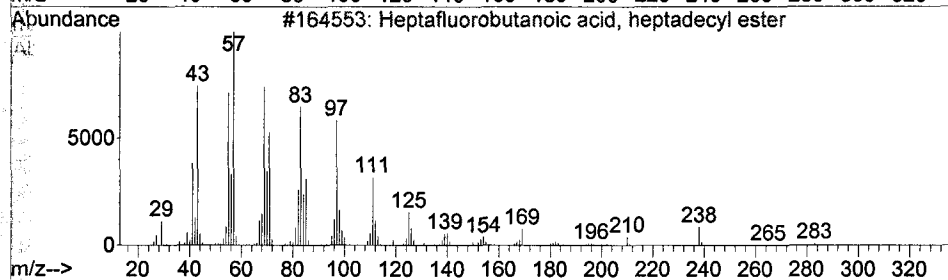
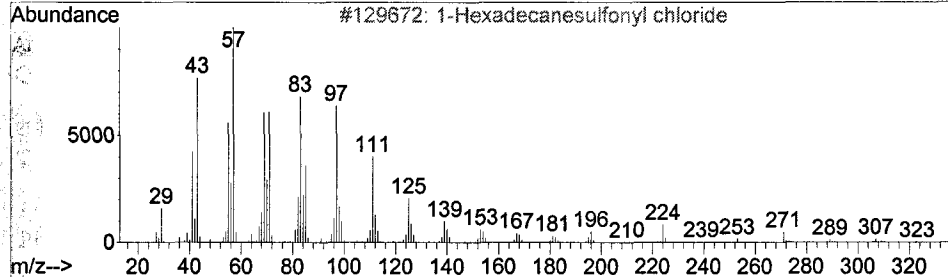
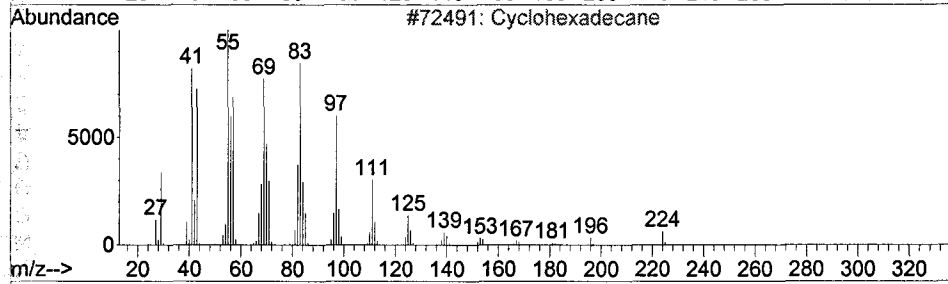
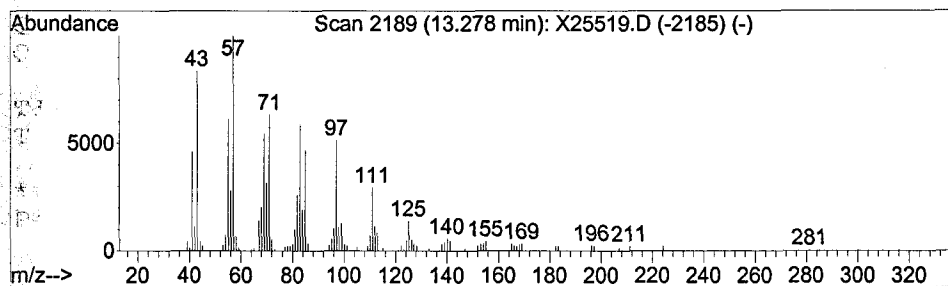
Quant Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M
 Quant Title : 8270 BNA Calibration with EPC

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 1 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
13.28	4.06 ng	428153	CI70 Chrysene-d12	4220620	13.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	99
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	83
3		Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	81
4		1-Heptadecanol	256	C17H36O	001454-85-9	76
5		1-Octadecanol	270	C18H38O	000112-92-5	76



Data Path : D:\DATA\080408\
 Data File : X25519.D
 Acq On : 5 Aug 2008 6:28
 Operator : AJ
 Sample : A8798805 AS8007826
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

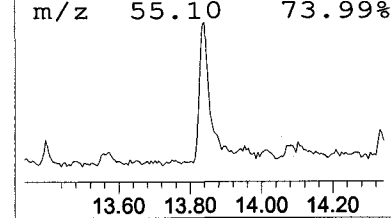
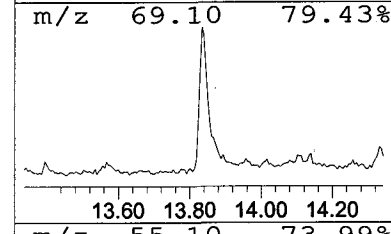
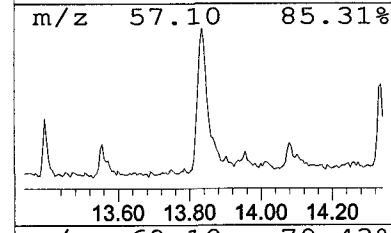
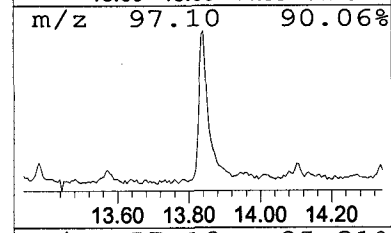
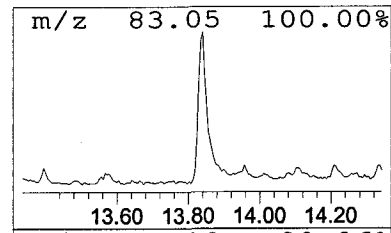
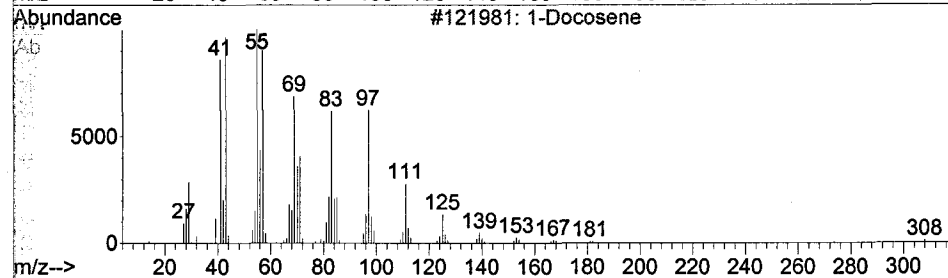
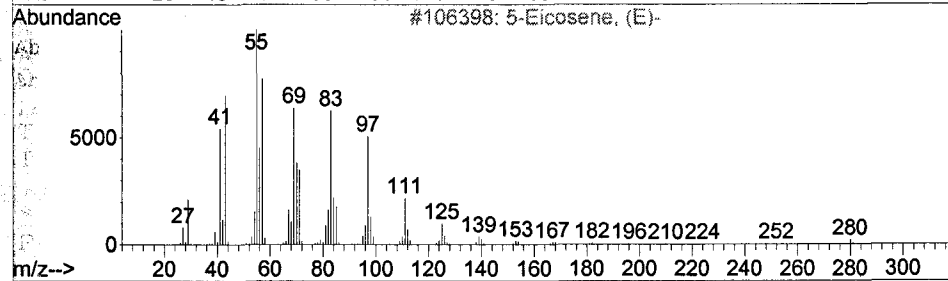
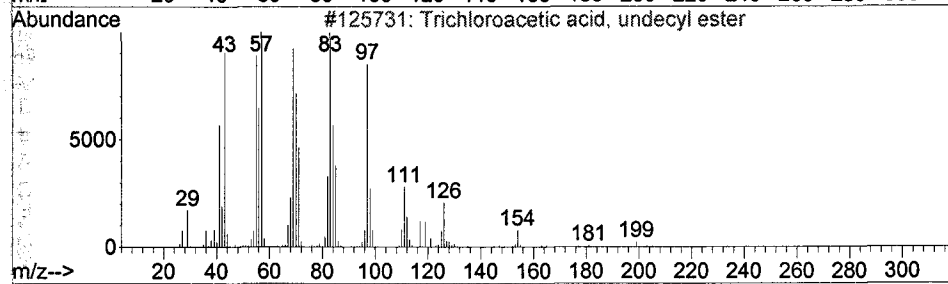
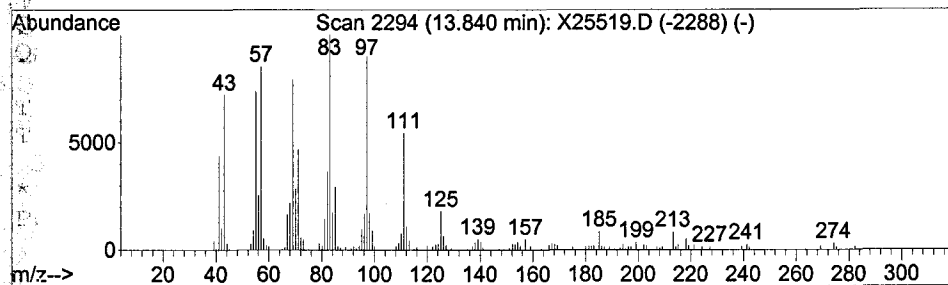
Quant Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M
 Quant Title : 8270 BNA Calibration with EPC

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 Trichloroacetic acid, undec... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
13.84	9.27 ng	978395	CI70 Chrysene-d12	4220620	13.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	80
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	62
3		1-Docosene	308	C22H44	001599-67-3	58
4		Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	52
5		1-Hentetracontanol	593	C41H84O	040710-42-7	45



Data Path : D:\DATA\080408\
 Data File : X25519.D
 Acq On : 5 Aug 2008 6:28
 Operator : AJ
 Sample : A8798805 AS8007826
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M
 Quant Title : 8270 BNA Calibration with EPC

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	|--Internal Standard--|			
					#	RT	Resp	Concl
Cyclohexadecane	13.28	4.1	ng	428153	5	13.38	4220620	40.0
Trichloroacetic a...	13.84	9.3	ng	978395	5	13.38	4220620	40.0

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798801Sample wt/vol: 30.26 (g/mL) G Lab File ID: W24911.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene		80	J
208-96-8-----	Acenaphthylene		150	J
98-86-2-----	Acetophenone		990	U
120-12-7-----	Anthracene		240	J
1912-24-9-----	Atrazine		990	U
100-52-7-----	Benzaldehyde		990	U
56-55-3-----	Benzo (a) anthracene		960	J
205-99-2-----	Benzo (b) fluoranthene		1500	
207-08-9-----	Benzo (k) fluoranthene		990	U
191-24-2-----	Benzo (ghi) perylene		530	J
50-32-8-----	Benzo (a) pyrene		840	J
92-52-4-----	Biphenyl		990	U
111-91-1-----	Bis (2-chloroethoxy) methane		990	U
111-44-4-----	Bis (2-chloroethyl) ether		990	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		990	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		990	U
101-55-3-----	4-Bromophenyl phenyl ether		990	U
85-68-7-----	Butyl benzyl phthalate		990	U
105-60-2-----	Caprolactam		990	U
106-47-8-----	4-Chloroaniline		990	U
59-50-7-----	4-Chloro-3-methylphenol		990	U
91-58-7-----	2-Chloronaphthalene		990	U
95-57-8-----	2-Chlorophenol		990	U
7005-72-3-----	4-Chlorophenyl phenyl ether		990	U
86-74-8-----	Carbazole		95	J
218-01-9-----	Chrysene		1000	B
53-70-3-----	Dibenzo (a, h) anthracene		160	J
132-64-9-----	Dibenzofuran		990	U
84-74-2-----	Di-n-butyl phthalate		990	U
91-94-1-----	3,3'-Dichlorobenzidine		990	U
120-83-2-----	2,4-Dichlorophenol		990	U
84-66-2-----	Diethyl phthalate		110	J

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798801Sample wt/vol: 30.26 (g/mL) G Lab File ID: W24911.RRLevel: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9	2,4-Dimethylphenol	990		U
131-11-3	Dimethyl phthalate	990		U
534-52-1	4,6-Dinitro-2-methylphenol	1900		U
51-28-5	2,4-Dinitrophenol	1900		U
121-14-2	2,4-Dinitrotoluene	990		U
606-20-2	2,6-Dinitrotoluene	990		U
117-84-0	Di-n-octyl phthalate	990		U
206-44-0	Fluoranthene	1700		
86-73-7	Fluorene	990		U
118-74-1	Hexachlorobenzene	990		U
87-68-3	Hexachlorobutadiene	990		U
77-47-4	Hexachlorocyclopentadiene	990		U
67-72-1	Hexachloroethane	990		U
193-39-5	Indeno (1,2,3-cd) pyrene	500		J
78-59-1	Isophorone	990		U
91-57-6	2-Methylnaphthalene	59		J
95-48-7	2-Methylphenol	990		U
106-44-5	4-Methylphenol	990		U
91-20-3	Naphthalene	990		U
88-74-4	2-Nitroaniline	1900		U
99-09-2	3-Nitroaniline	1900		U
100-01-6	4-Nitroaniline	1900		U
98-95-3	Nitrobenzene	990		U
88-75-5	2-Nitrophenol	990		U
100-02-7	4-Nitrophenol	1900		U
86-30-6	N-nitrosodiphenylamine	990		U
621-64-7	N-Nitroso-Di-n-propylamine	990		U
87-86-5	Pentachlorophenol	1900		U
85-01-8	Phenanthrene	1000		
108-95-2	Phenol	990		U
129-00-0	Pyrene	1500		
95-95-4	2,4,5-Trichlorophenol	990		U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801

Sample wt/vol: 30.26 (g/mL) G Lab File ID: W24911.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: 15 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
88-06-2-----	2,4,6-Trichlorophenol_____	990	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801

Sample wt/vol: 30.26 (g/mL) G Lab File ID: W24911.RR

Level: (low/med) LOW Date Samp/Recv: 07/01/2008 07/03/2008

% Moisture: 14.8 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

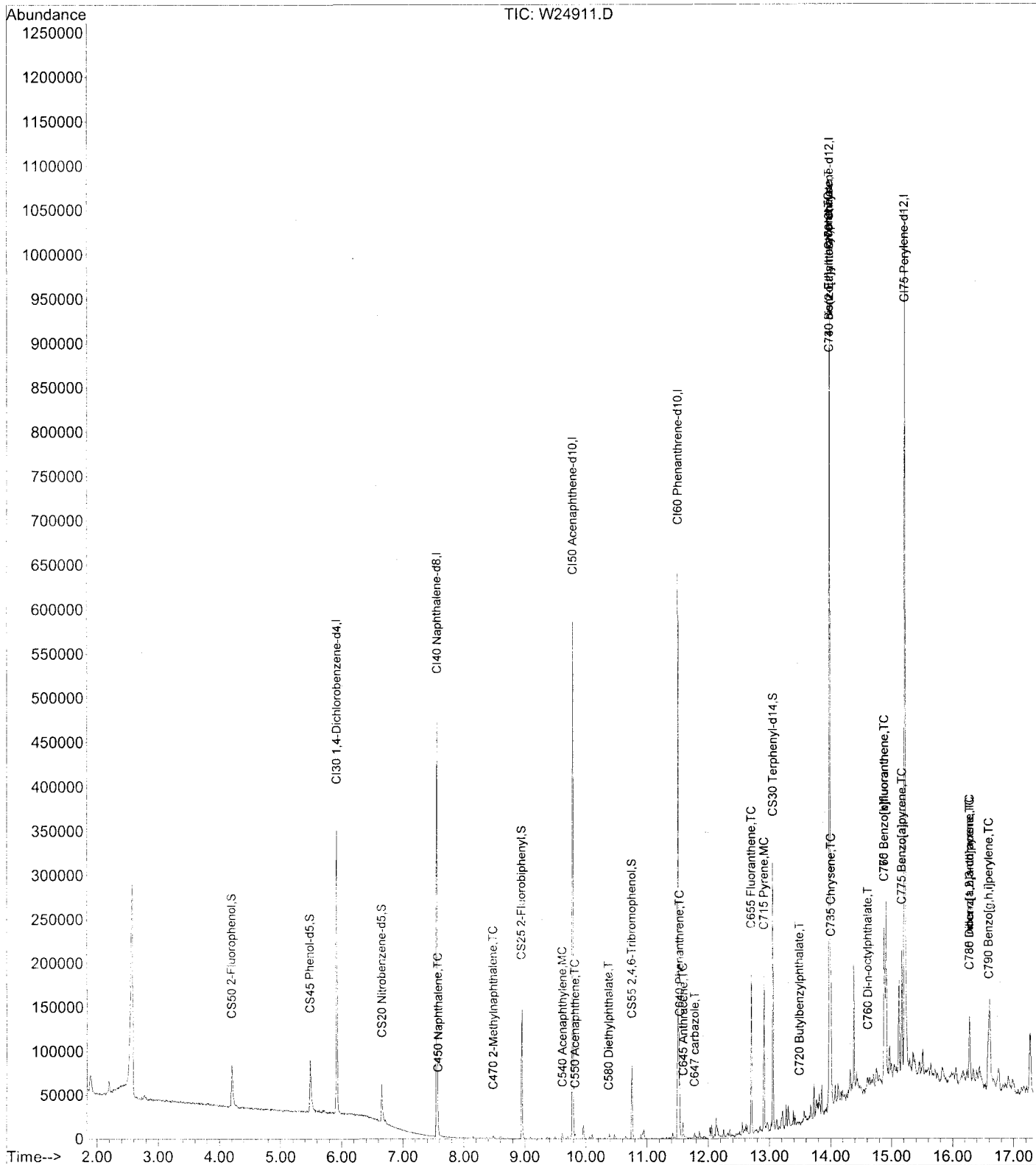
Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

Data File : C:\MSDCHEM\1\DATA\070808\W24911.D
 Acq On : 8 Jul 2008 8:14 pm
 Sample : A8798801 DF5 AS8007822
 Misc :
 MS Integration Params: rteint.p

Vial: 25
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 09 09:17:50 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070808\W24911.D
 Acq On : 8 Jul 2008 8:14 pm
 Sample : A8798801 DF5 AS8007822
 Misc :

Vial: 25
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 09 09:17:50 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24888.D (8 Jul 2008 11:23 am)

*SS
 Add 7/11/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	59274	40.00	ng	0.00	128.30%
20) CI40 Naphthalene-d8	7.56	136	251950	40.00	ng	0.00	125.46%
35) CI50 Acenaphthene-d10	9.78	164	139025	40.00	ng	0.00	124.94%
56) CI60 Phenanthrene-d10	11.50	188	242021	40.00	ng	0.00	126.56%
68) CI70 Chrysene-d12	13.98	240	290912	40.00	ng	0.00	130.97%
78) CI75 Perylene-d12	15.21	264	360610	40.00	ng	0.00	193.98%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.20	112	29526	17.08	ng	0.01	
Spiked Amount	150.000	Range 21 - 110	Recovery	=	11.39%#		
5) CS45 Phenol-d5	5.48	99	42444	16.34	ng	0.02	
Spiked Amount	150.000	Range 10 - 110	Recovery	=	10.89%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range 33 - 110	Recovery	=	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range 16 - 110	Recovery	=	0.00%#		
21) CS20 Nitrobenzene-d5	6.65	82	25269	11.38	ng	0.01	
Spiked Amount	100.000	Range 34 - 114	Recovery	=	11.38%#		
39) CS25 2-Fluorobiphenyl	8.95	172	62261	12.75	ng	0.00	
Spiked Amount	100.000	Range 43 - 116	Recovery	=	12.75%#		
59) CS55 2,4,6-Tribromophenol	10.75	330	11373	23.03	ng	0.00	
Spiked Amount	150.000	Range 10 - 123	Recovery	=	15.35%		
✓ 71) CS30 Terphenyl-d14	13.05	244	83497	12.32	ng	0.00	
Spiked Amount	100.000	Range 33 - 141	Recovery	=	12.32%#		

Target Compounds

					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.	
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.	
7) C315 Phenol	0.00	94	0	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D.	
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D.	
23) C415 Isophorone	0.00	82	0	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

m8/1/08

Data File : C:\MSDCHEM\1\DATA\070808\W24911.D
 Acq On : 8 Jul 2008 8:14 pm
 Sample : A8798801 DF5 AS8007822
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 09 09:17:50 2008

Vial: 25
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24888.D (8 Jul 2008 11:23 am)

*AEK
7/11/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	7.58	128	2120	0.30	ng		71
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	8.49	142	1380	0.30	ng	#	74
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	9.61	152	5076	0.76	ng		99
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	9.83	153	1611	0.41	ng	#	84
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	10.06	168	1135	Below	Cal	#	28
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	10.47	166	1527	Below	Cal	#	72
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	10.37	149	2709	0.56	ng	#	60
54) C620 1,2 diphenylhydrazi	0.00	77	0	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	11.53	178	36525	5.16	ng		97
64) C645 Anthracene	11.59	178	8910	1.25	ng		89
65) C647 carbazole	11.78	167	3486	0.49	ng		85
66) C650 Di-n-butylphthalate	12.12	149	863	N.D.			
67) C655 Fluoranthene	12.70	202	69705	8.58	ng		96
68) C715 Pyrene	12.91	202	67653	7.69	ng		96
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalate	13.49	149	1056	0.25	ng	#	44
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	13.97	228	45841	4.95	ng		92
75) C735 Chrysene	14.00	228	47489	5.42	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.97	149	8631	1.32	ng		92
77) C760 Di-n-octylphthalate	14.61	149	2138	0.20	ng		74
79) C765 Benzo[b]fluoranthene	14.88	252	106024	7.80	ng		94
80) C770 Benzo[k]fluoranthene	14.88	252	106024	8.21	ng		94
81) C775 Benzo[a]pyrene	15.16	252	55442	4.35	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.28	276	40971	2.61	ng		97
83) C785 Dibenz[a,h]anthracene	16.28	278	11475	0.84	ng		79
84) C790 Benzo[g,h,i]perylene	16.58	276	37155	2.75	ng		96

No MS 8/7/08

7/11/08

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\070808\W24911.D Vial: 25
 Acq On : 8 Jul 2008 20:14 Operator: AJ
 Sample : A8798801 DF5 AS8007822 Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 11 16:12:48 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

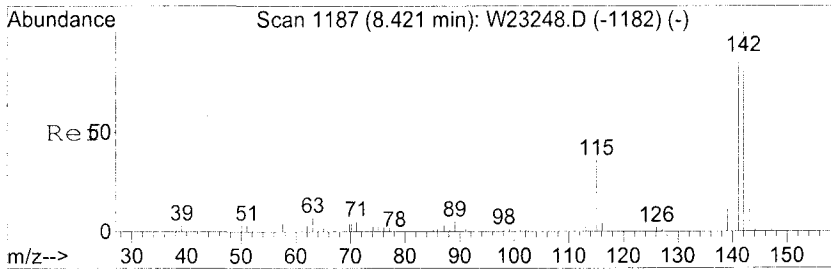
*SS
AS
7-16-08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	59274	40.00	ng	-0.07 121.56%
4) CI40 Naphthalene-d8	7.56	136	251950	40.00	ng	-0.06 129.38%
7) CI50 Acenaphthene-d8	9.78	164	139025	40.00	ng	-0.06 150.79%
10) CI60 Phenanthrene-d10	11.50	188	242021	40.00	ng	-0.05 156.73%
12) CI70 Chrysene-d12	13.98	240	290912	40.00	ng	-0.05 158.84%
13) CI75 Perylene-d12	15.21	264	360610	40.00	ng	-0.06 201.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	5.99	105	230	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	9.78	154	369	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

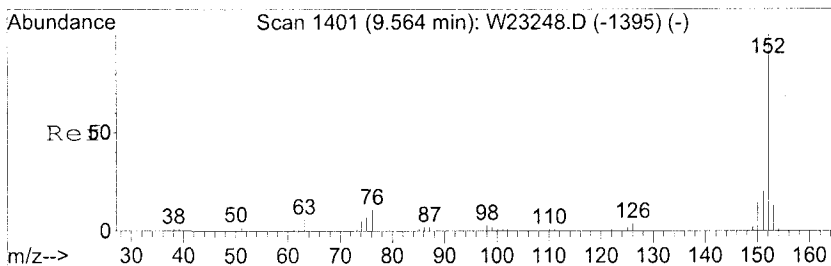
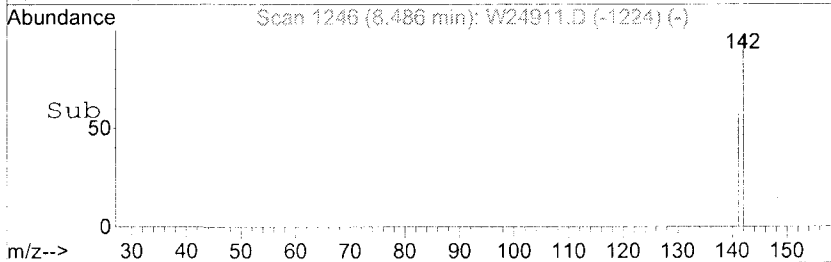
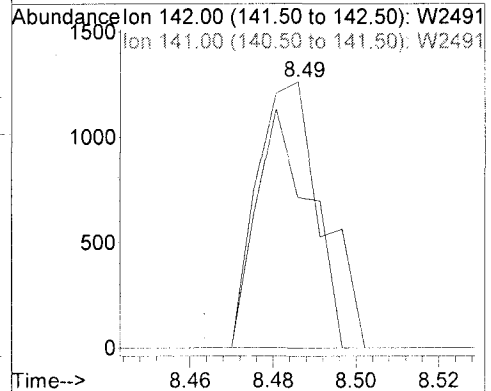
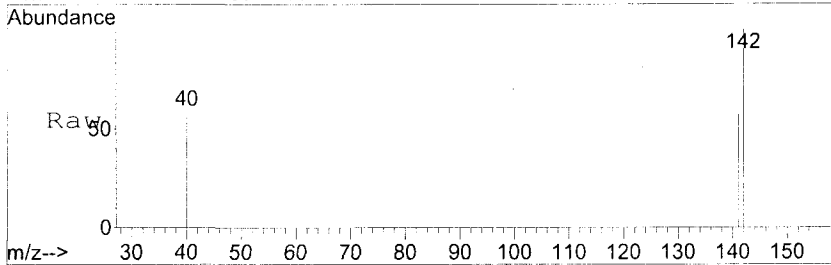
(#) = qualifier out of range (m) = manual integration (+) = signals summed

*m
8/11/08*



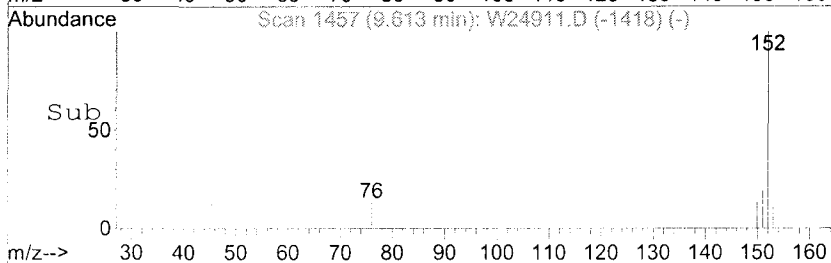
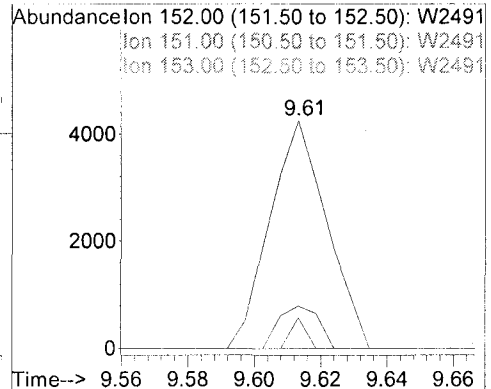
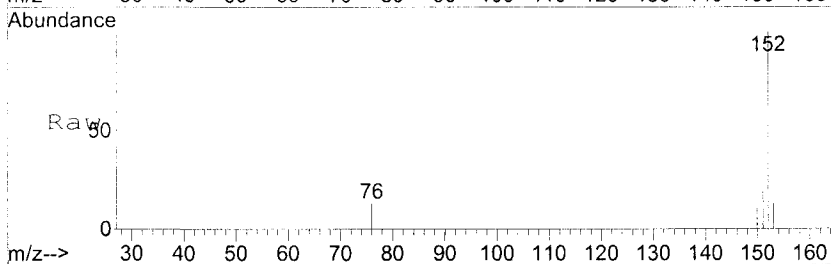
#34
C470 2-Methylnaphthalene
Concen: 0.30 ng
RT: 8.49 min Scan# 1246
Delta R.T. 0.02 min
Lab File: W24911.D
Acq: 8 Jul 2008 20:14

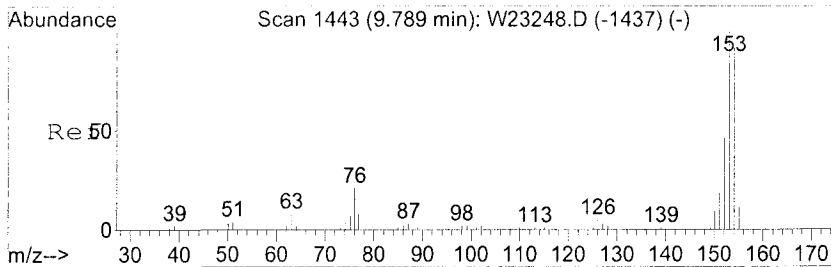
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1380		
141	56.8	59.8	99.8#	



#42
C540 Acenaphthylene
Concen: 0.76 ng
RT: 9.61 min Scan# 1457
Delta R.T. 0.01 min
Lab File: W24911.D
Acq: 8 Jul 2008 20:14

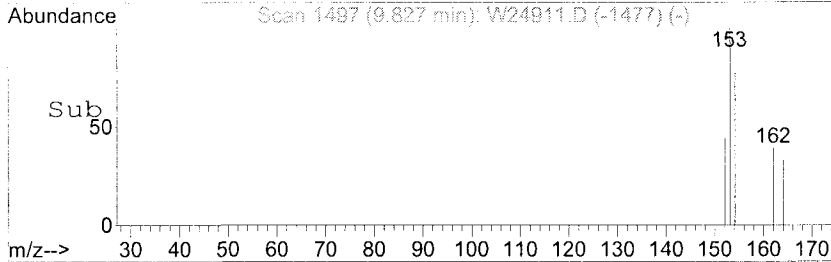
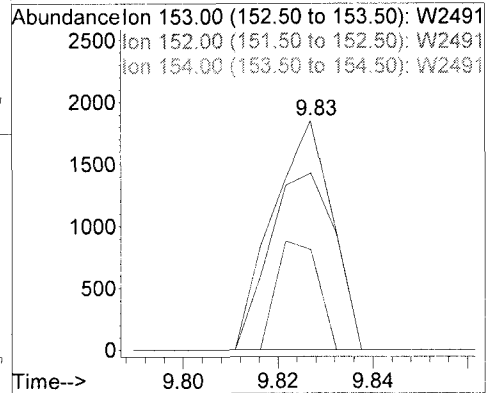
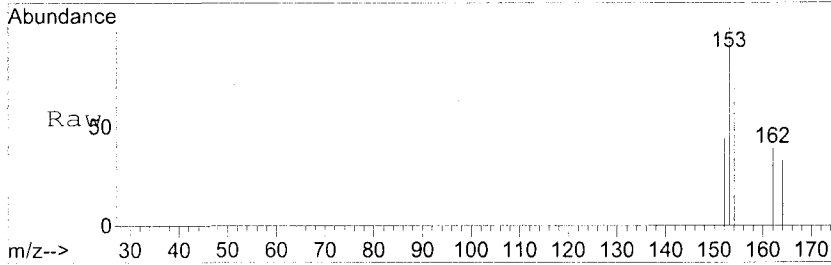
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	5076		
151	18.7	0.0	38.6	
153	13.5	0.0	32.3	





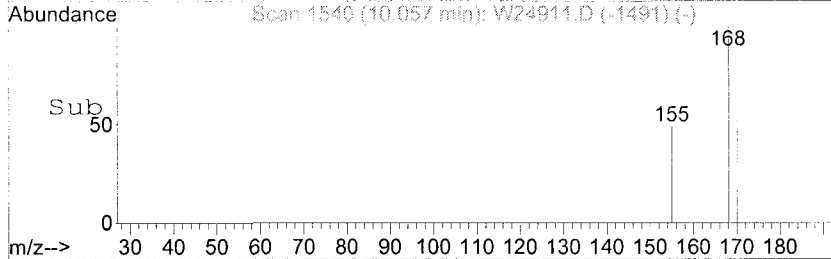
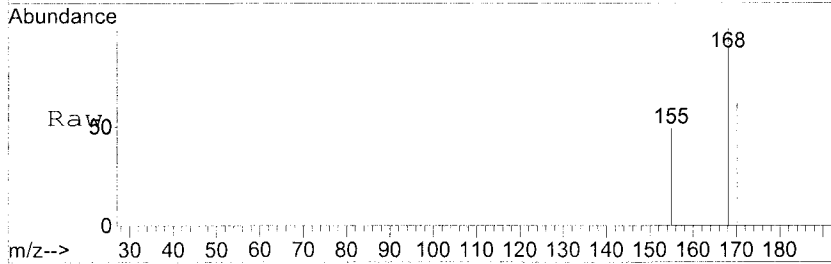
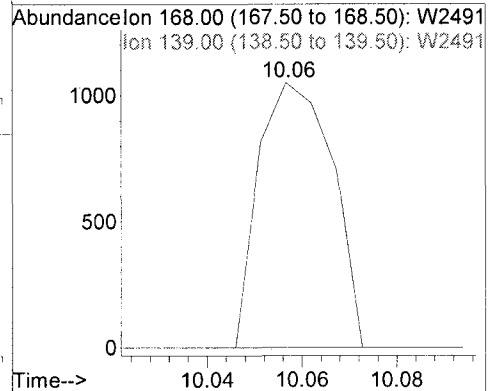
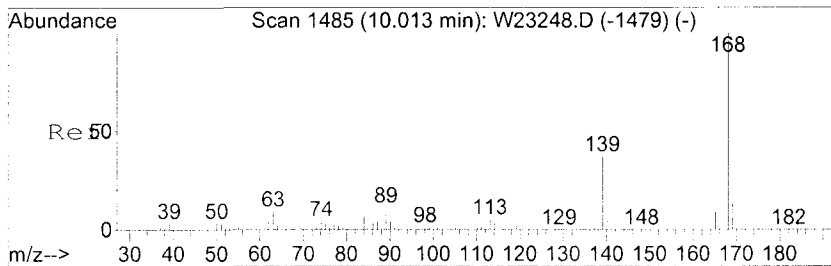
#45
C550 Acenaphthene
Concen: 0.41 ng
RT: 9.83 min Scan# 1497
Delta R.T. 0.01 min
Lab File: W24911.D
Acq: 8 Jul 2008 20:14

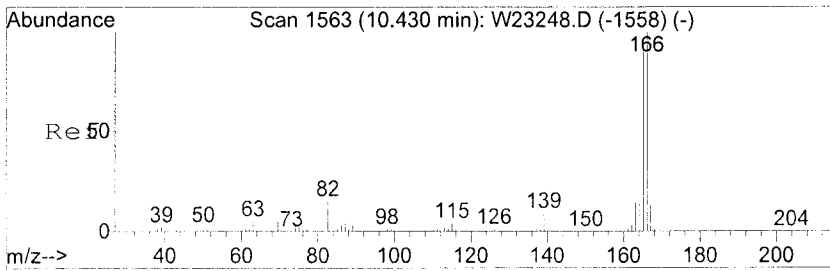
Tgt Ion	Resp	Lower	Upper
153	1611	100	100
152	43.9	27.9	67.9
154	77.1	77.9	117.9#



#48
C565 Dibenzofuran
Concen: Below Cal
RT: 10.06 min Scan# 1540
Delta R.T. 0.01 min
Lab File: W24911.D
Acq: 8 Jul 2008 20:14

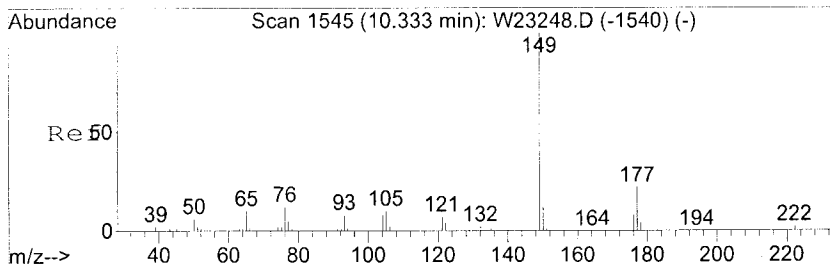
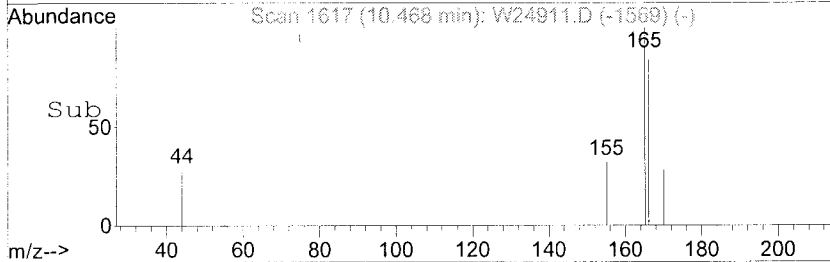
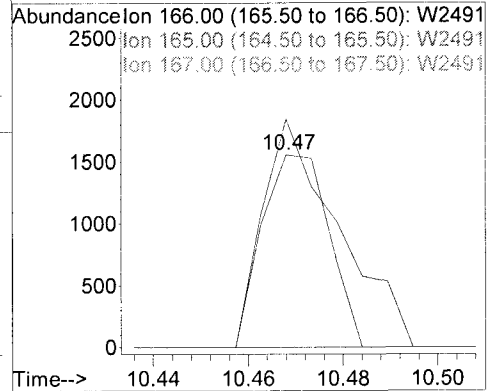
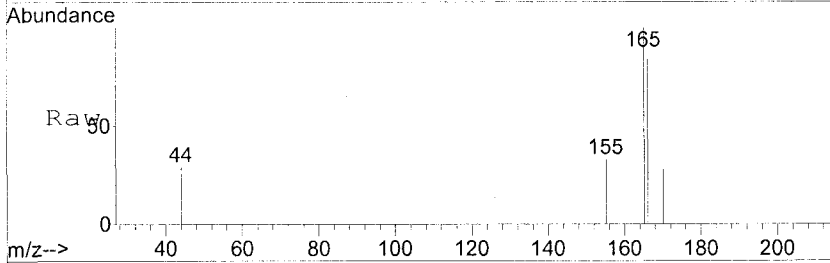
Tgt Ion	Resp	Lower	Upper
168	1135	100	100
139	0.0	29.7	69.7#





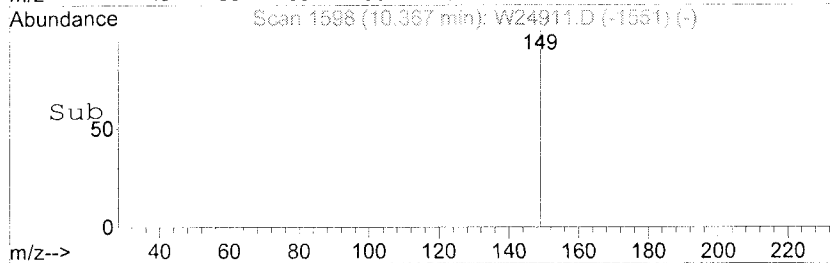
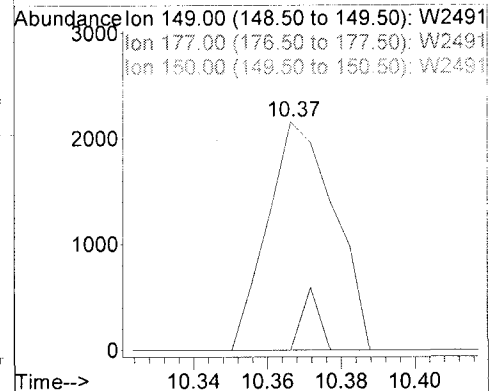
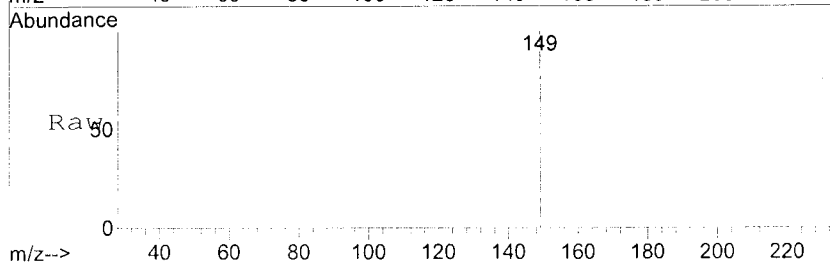
#51
 C590 Fluorene
 Concen: Below Cal
 RT: 10.47 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

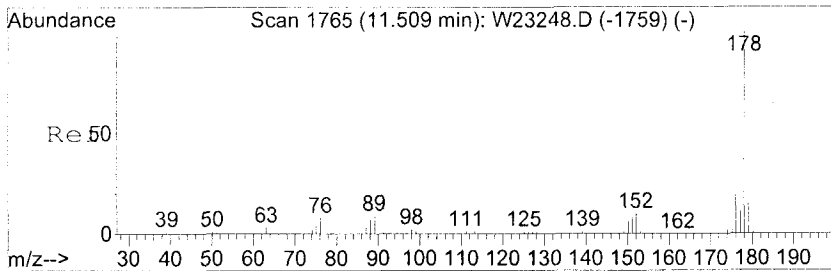
Tgt Ion	Ratio	Lower	Upper
166	100		
165	118.6	72.0	112.0#
167	0.0	0.0	32.5



#53
 C580 Diethylphthalate
 Concen: 0.56 ng
 RT: 10.37 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

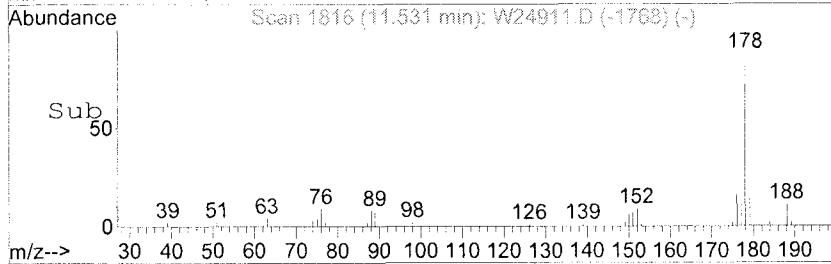
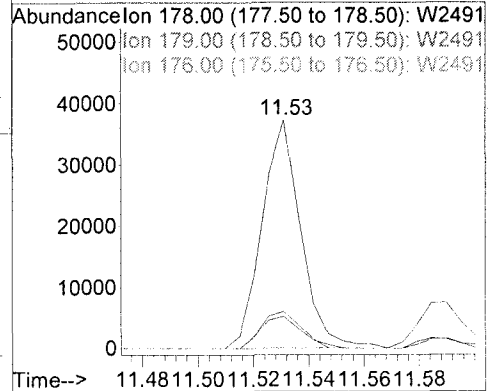
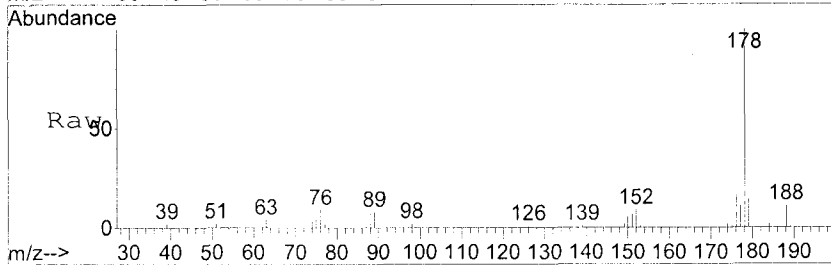
Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	1.2	41.2#
150	0.0	0.0	31.9





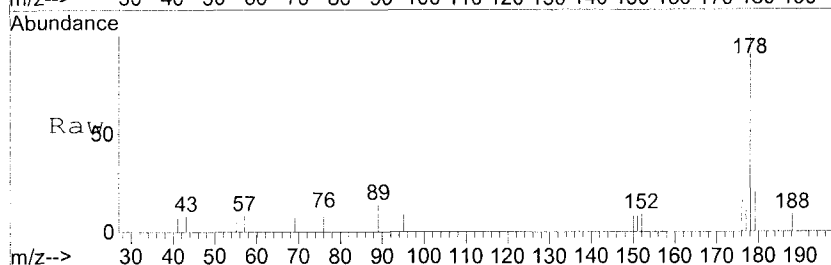
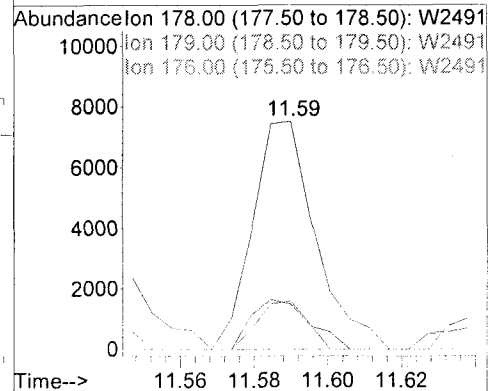
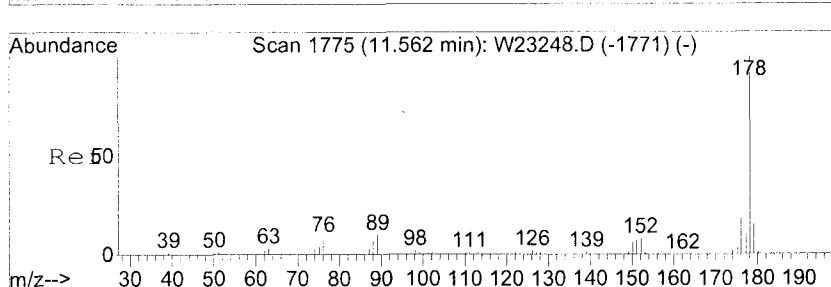
#63
 C640 Phenanthrene
 Concen: 5.16 ng
 RT: 11.53 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.1	0.0	34.3
176	16.1	0.0	38.0

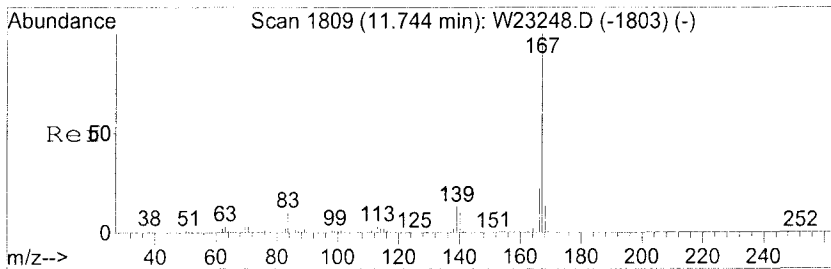


#64
 C645 Anthracene
 Concen: 1.25 ng
 RT: 11.59 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.8	0.0	34.5
176	21.0	0.0	37.1

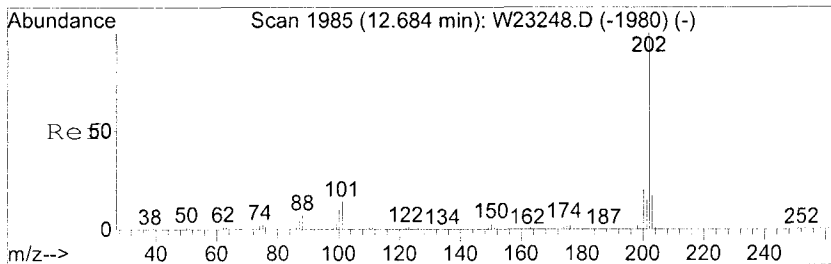
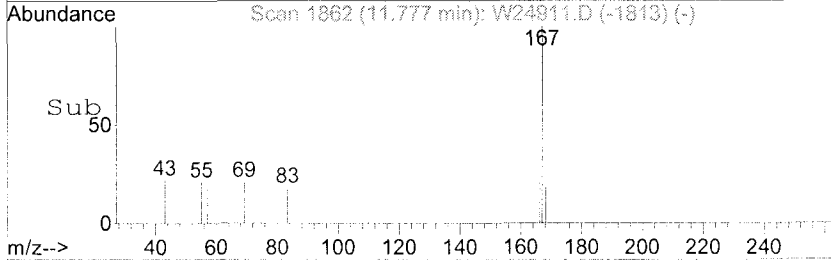
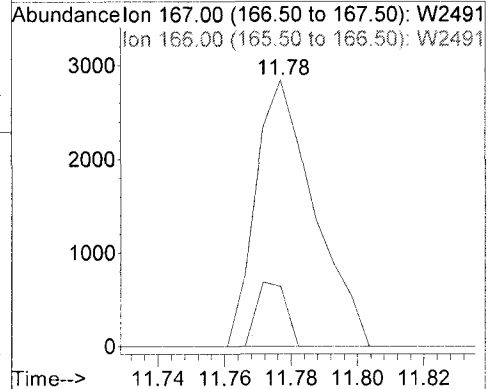
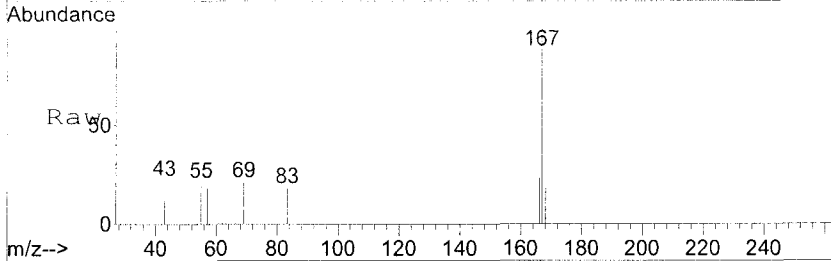


*See report
 MB
 7/11/08*



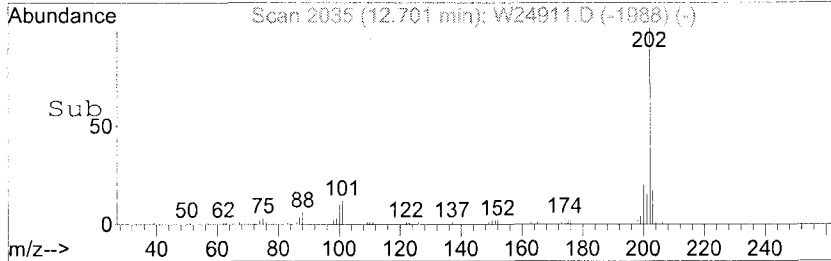
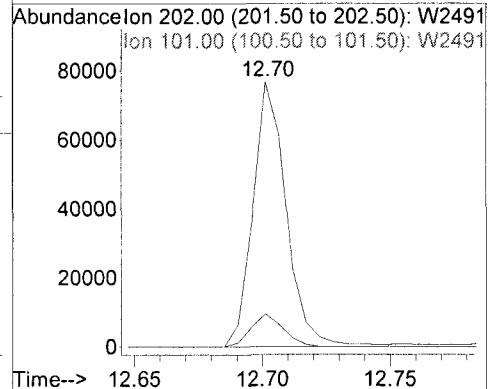
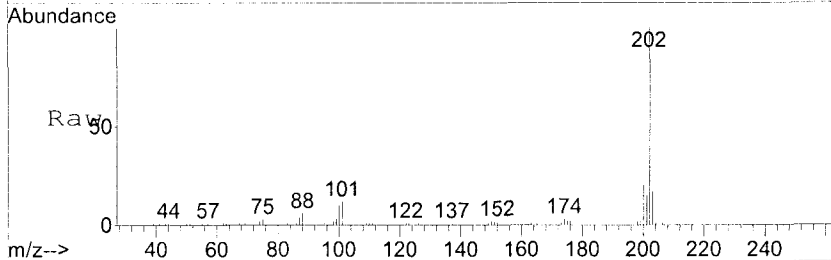
#65
C647 carbazole
Concen: 0.49 ng
RT: 11.78 min Scan# 1862
Delta R.T. 0.01 min
Lab File: W24911.D
Acq: 8 Jul 2008 20:14

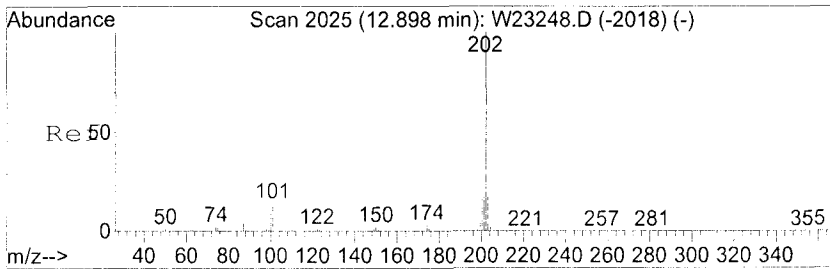
Tgt Ion	Resp	Lower	Upper
167	3486	100	
166	12.2	0.0	39.1



#67
C655 Fluoranthene
Concen: 8.58 ng
RT: 12.70 min Scan# 2035
Delta R.T. -0.00 min
Lab File: W24911.D
Acq: 8 Jul 2008 20:14

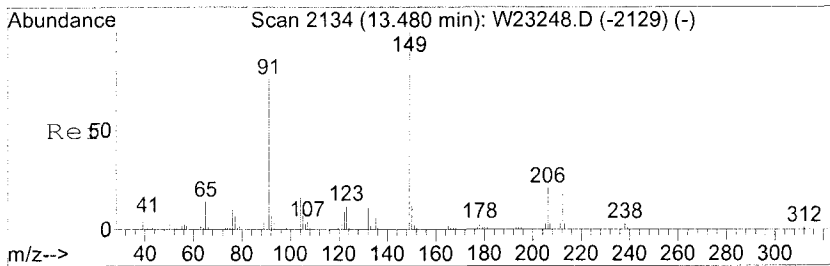
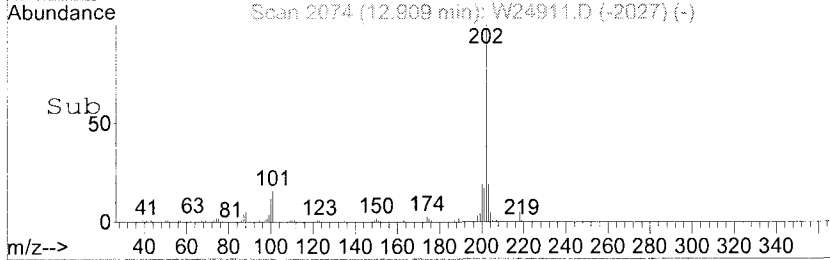
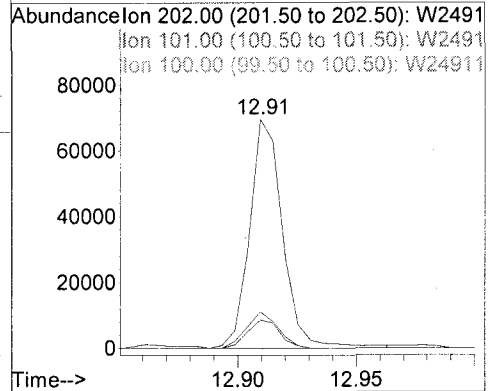
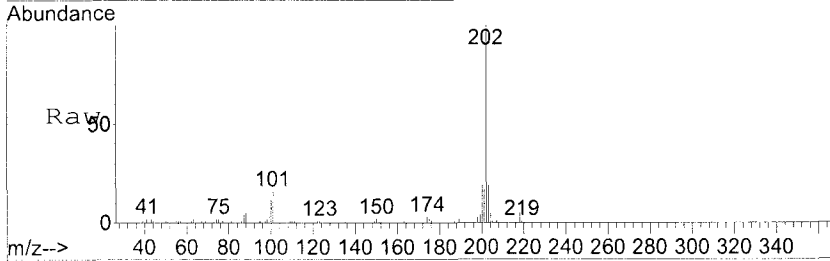
Tgt Ion	Resp	Lower	Upper
202	69705	100	
101	12.4	0.0	30.7





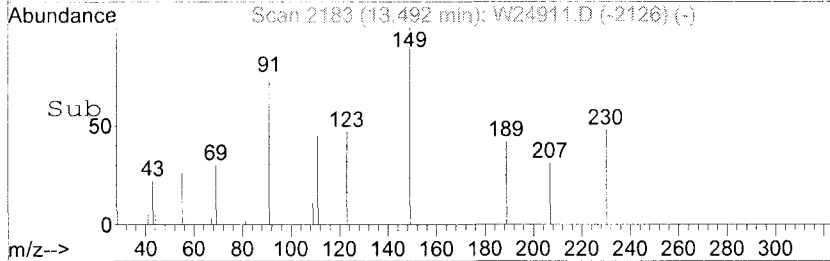
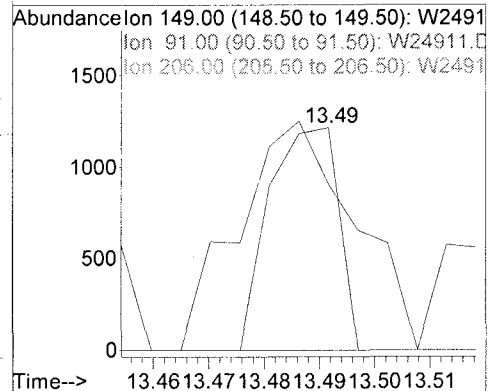
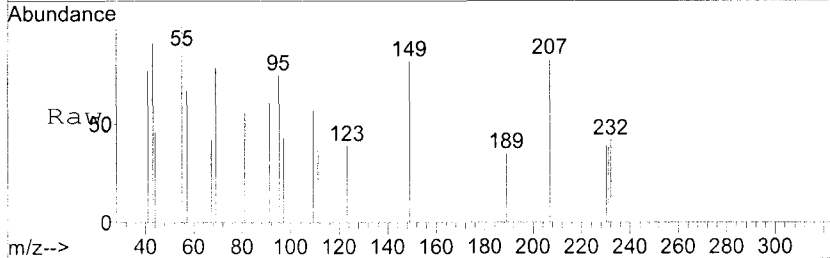
#69
 C715 Pyrene
 Concen: 7.69 ng
 RT: 12.91 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

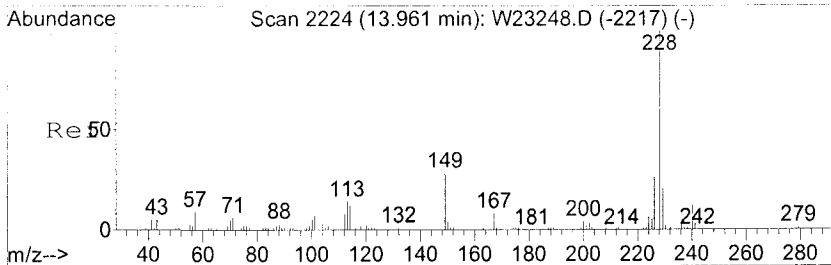
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	34.3
100	12.4	0.0	31.1



#72
 C720 Butylbenzylphthalate
 Concen: 0.25 ng
 RT: 13.49 min Scan# 2183
 Delta R.T. 0.01 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

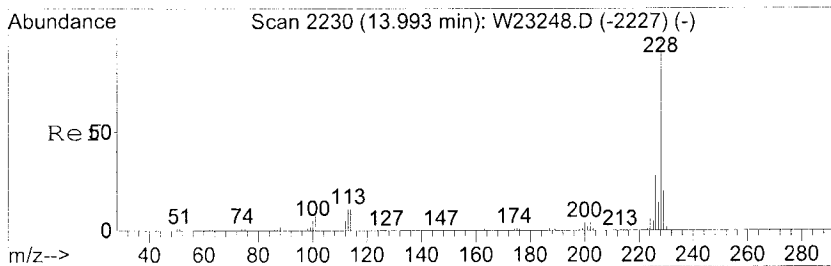
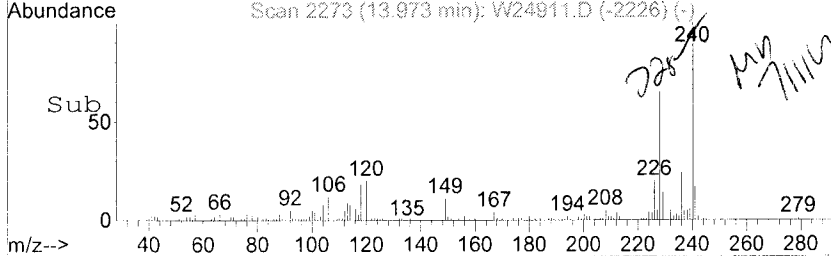
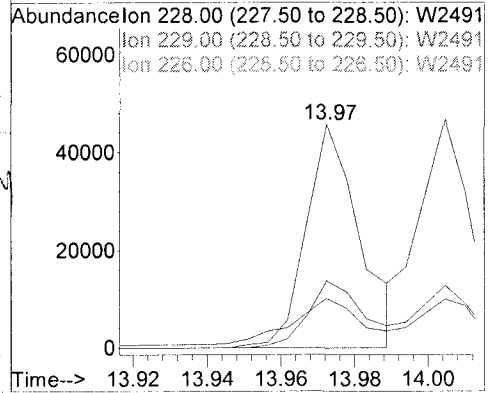
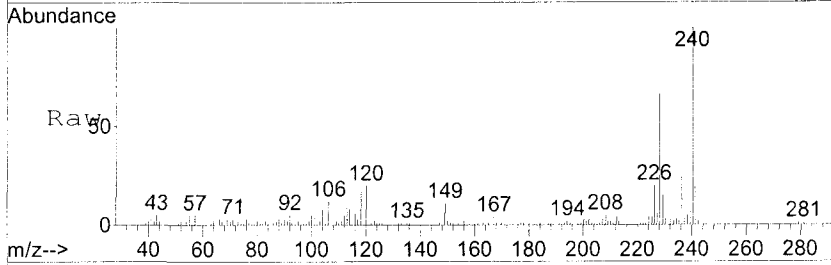
Tgt Ion	Ratio	Lower	Upper
149	100		
91	26.7	57.0	97.0#
206	0.0	2.7	42.7#





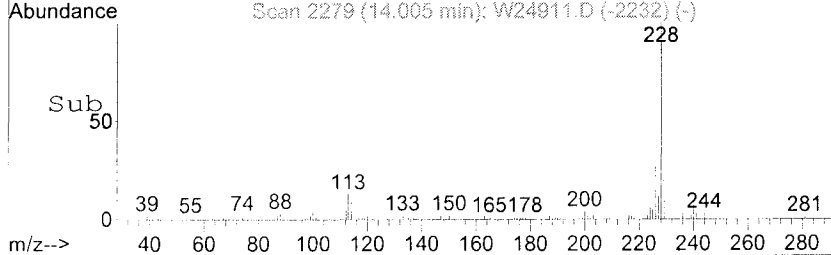
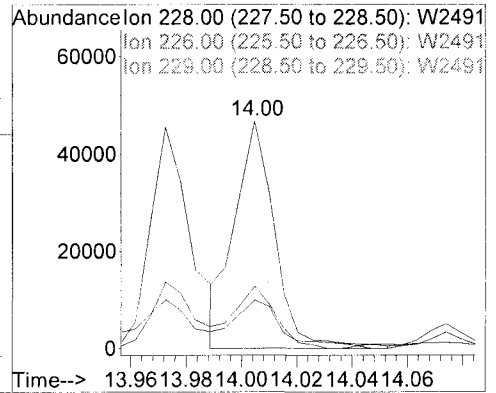
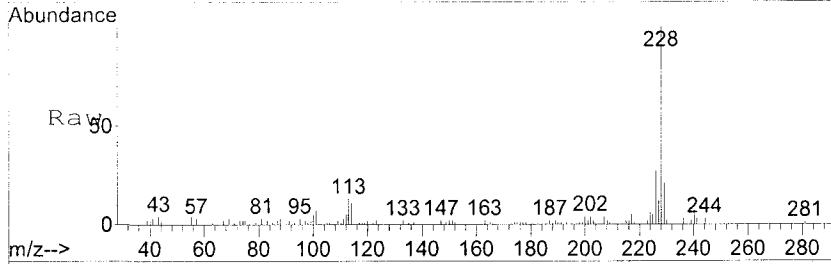
#74
 C730 Benzo[a]anthracene
 Concen: 4.95 ng
 RT: 13.97 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

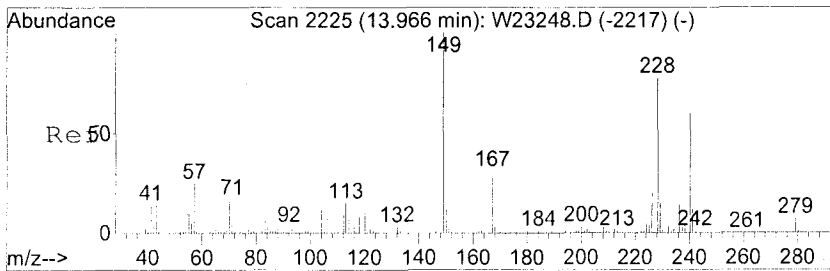
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	0.0	38.8
226	30.2	4.8	44.8



#75
 C735 Chrysene
 Concen: 5.42 ng
 RT: 14.00 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

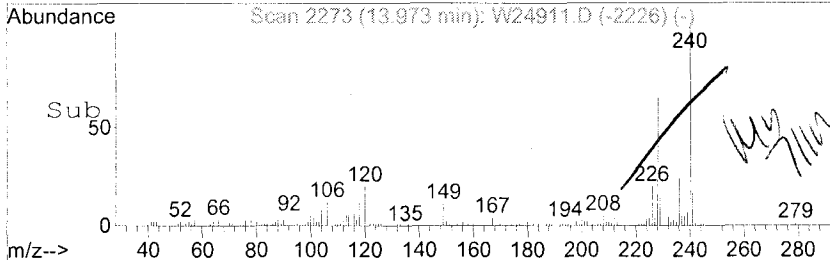
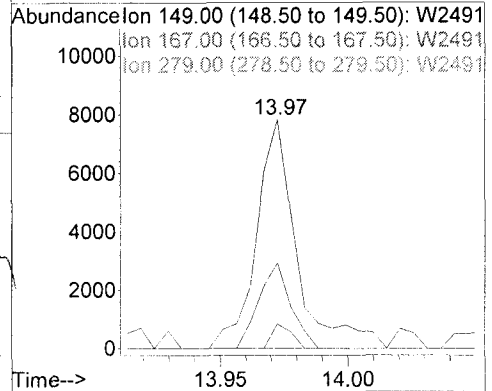
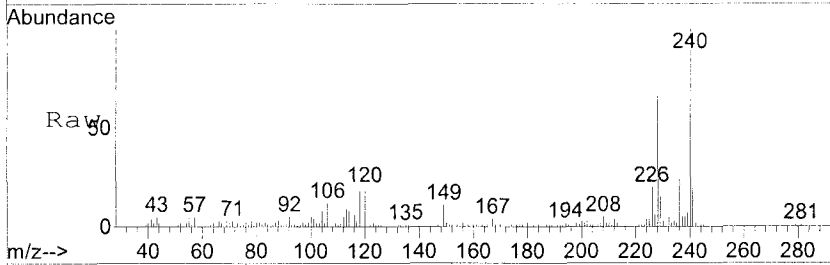
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	7.1	47.1
229	19.4	0.0	38.8





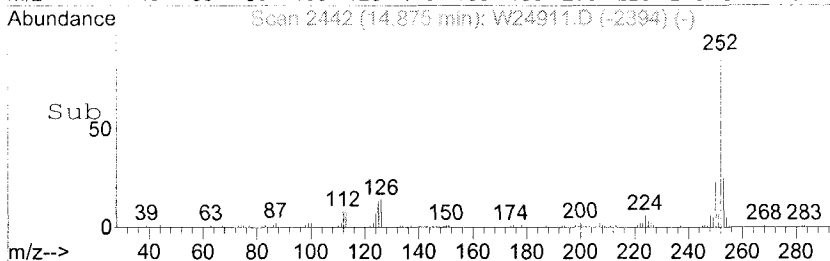
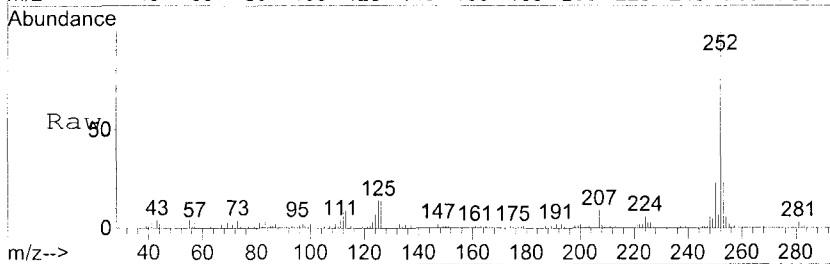
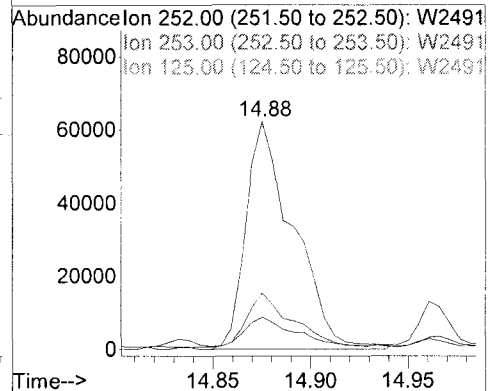
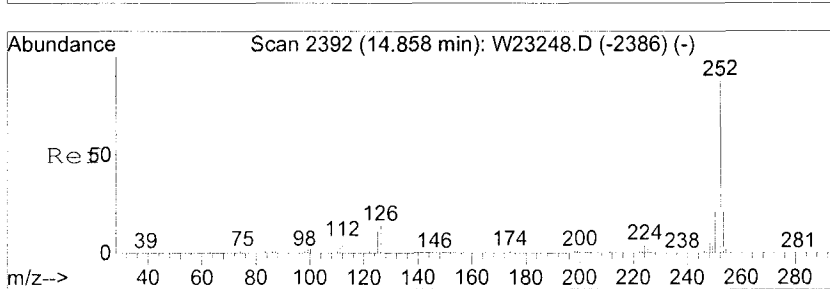
#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 1.32 ng
 RT: 13.97 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

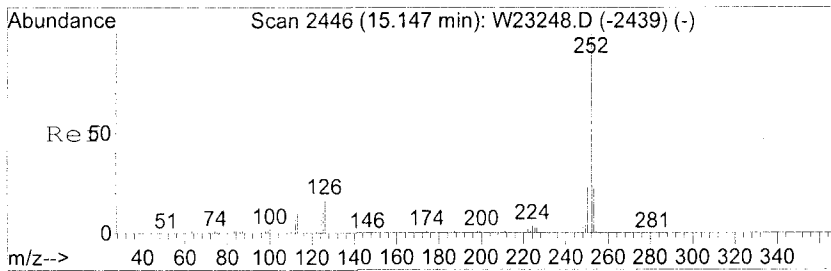
Tgt Ion	Ratio	Lower	Upper
149	100		
167	37.5	13.1	53.1
279	10.7	0.0	27.5



#79
 C765 Benzo[b]fluoranthene
 Concen: 7.80 ng
 RT: 14.88 min Scan# 2442
 Delta R.T. 0.01 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

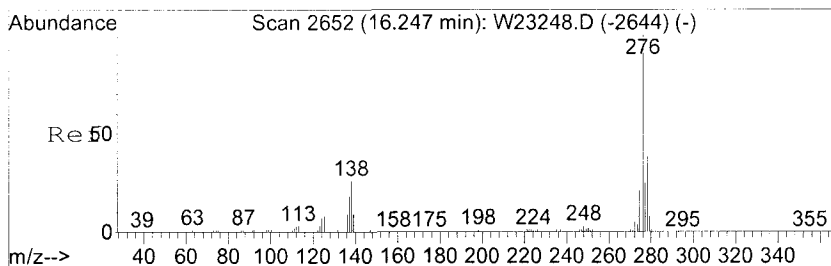
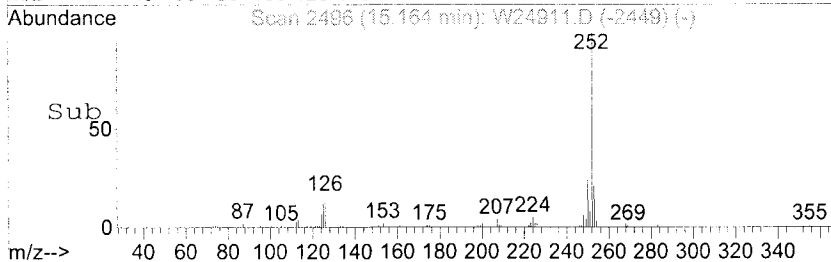
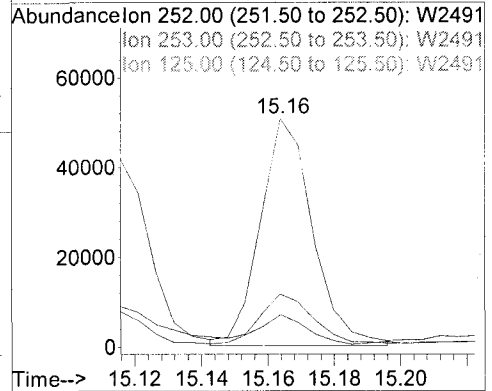
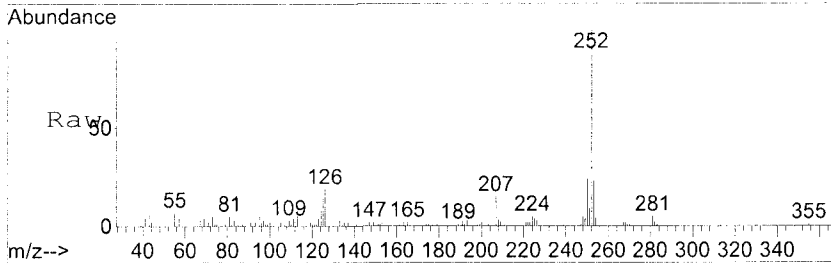
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.8	40.8
125	12.9	0.0	31.2





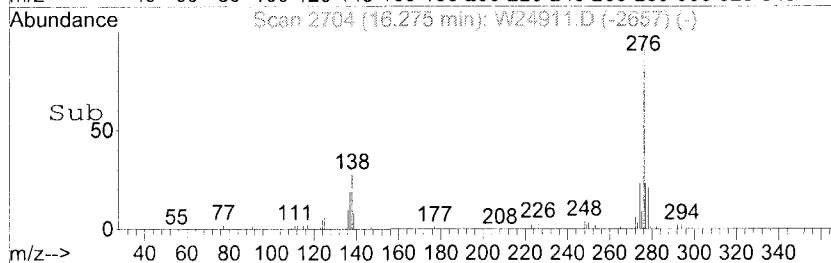
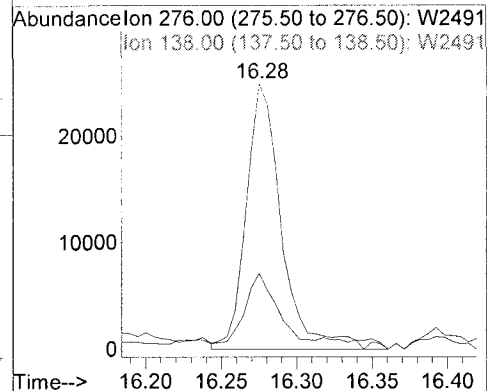
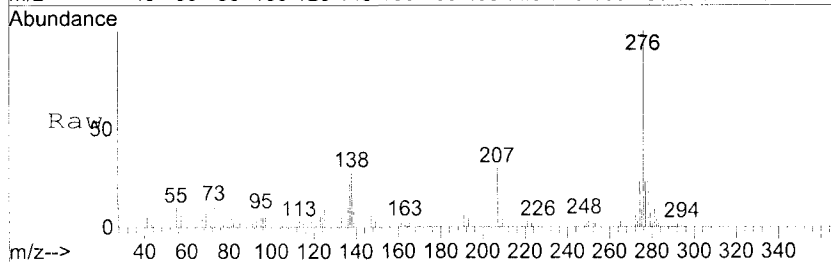
#81
C775 Benzo[a]pyrene
Concen: 4.35 ng
RT: 15.16 min Scan# 2496
Delta R.T. -0.00 min
Lab File: W24911.D
Acq: 8 Jul 2008 20:14

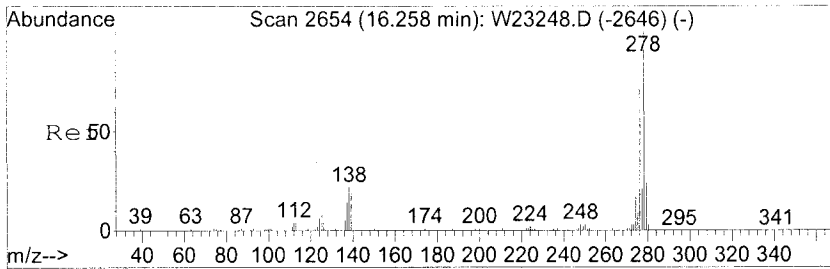
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	55442		
253	22.0		0.9	40.9
125	13.0		0.0	33.4



#82
C780 Indeno[1,2,3-cd]pyrene
Concen: 2.61 ng
RT: 16.28 min Scan# 2704
Delta R.T. -0.00 min
Lab File: W24911.D
Acq: 8 Jul 2008 20:14

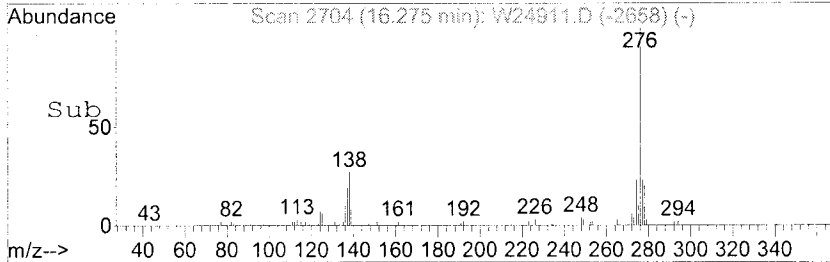
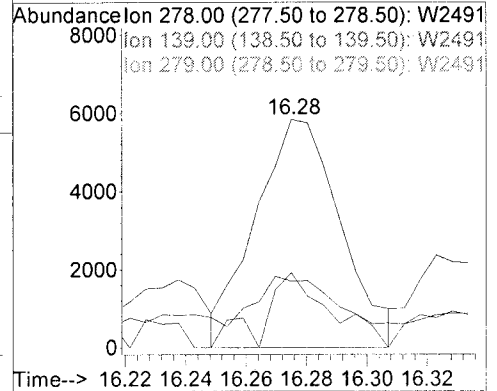
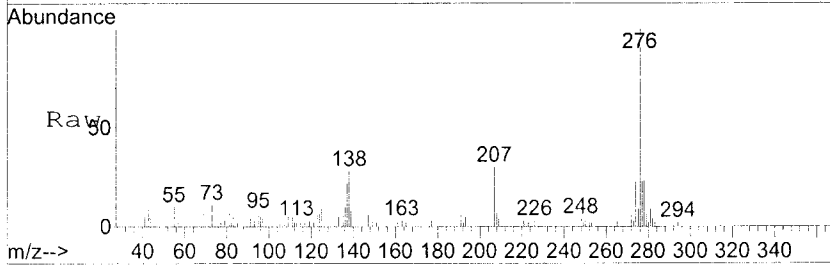
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	40971		
138	28.4		10.1	50.1





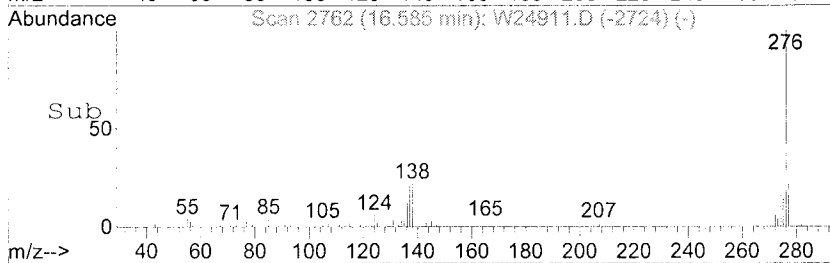
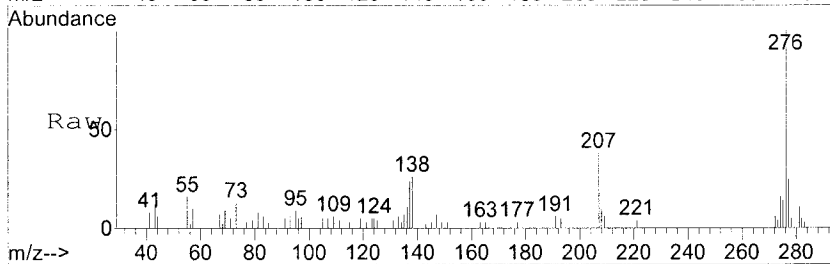
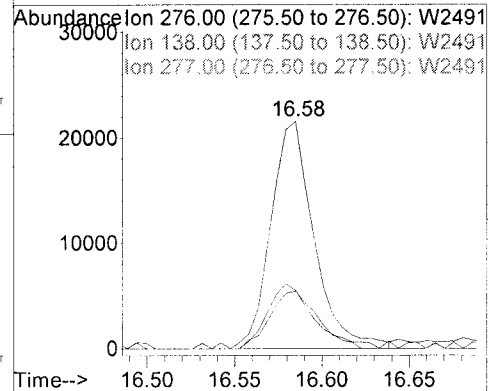
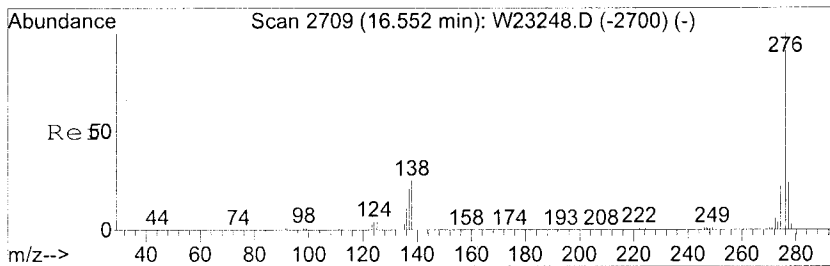
#83
 C785 Dibenz[a,h]anthracene
 Concen: 0.84 ng
 RT: 16.28 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.7	0.0	39.0
279	21.6	2.5	42.5



#84
 C790 Benzo[g,h,i]perylene
 Concen: 2.75 ng
 RT: 16.58 min Scan# 2762
 Delta R.T. 0.01 min
 Lab File: W24911.D
 Acq: 8 Jul 2008 20:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	7.8	47.8
277	25.1	3.7	43.7



Data File : C:\MSDCHEM\1\DATA\070808\W24911.D
 Acq On : 8 Jul 2008 20:14
 Sample : A8798801 DF5 AS8007822
 Misc :
 MS Integration Params: LSCINT.P

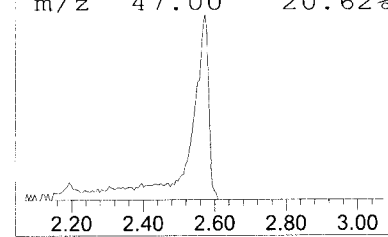
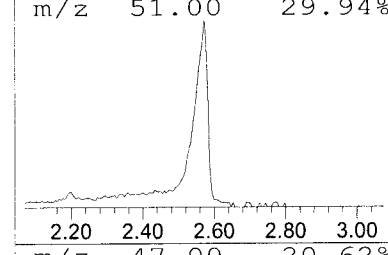
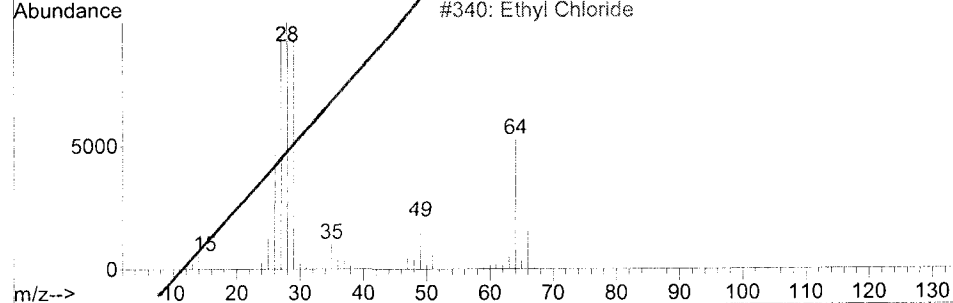
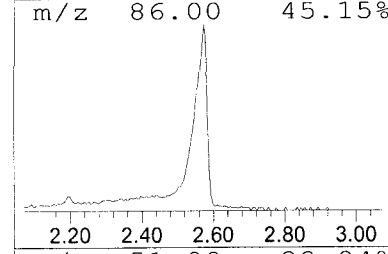
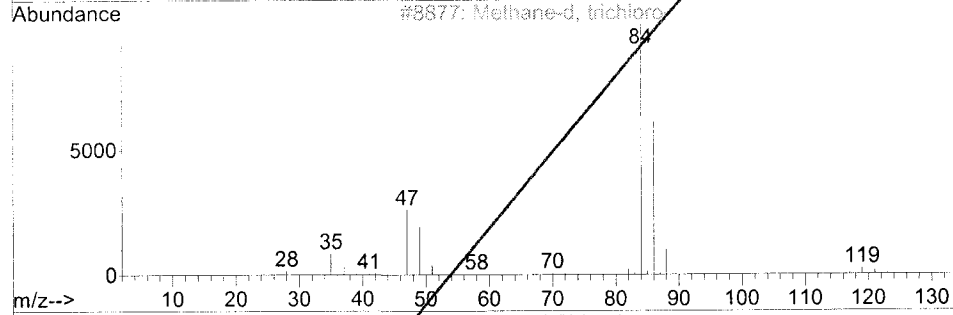
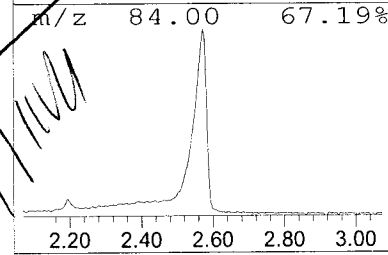
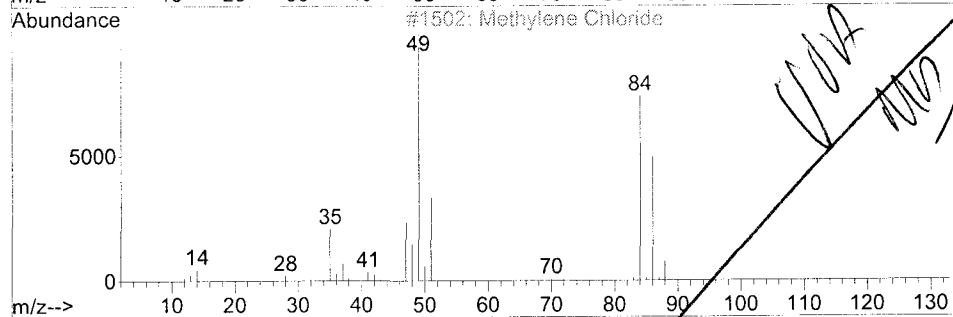
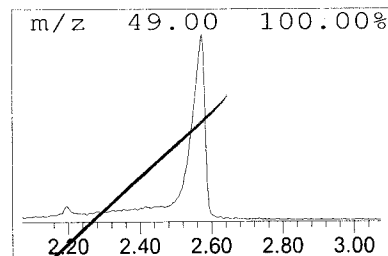
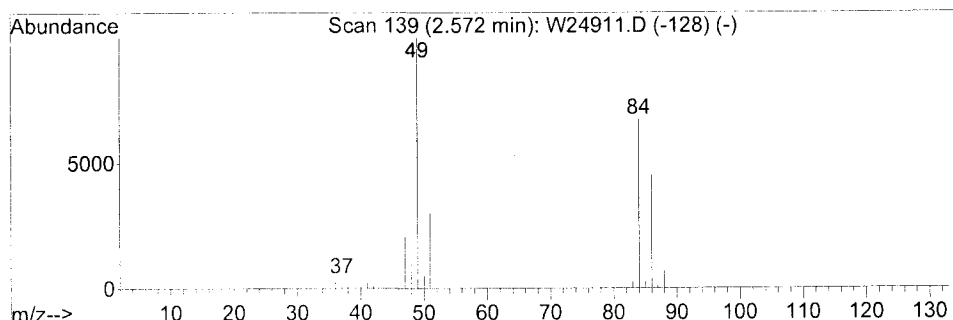
Vial: 25
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Methylene Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.57	63.31 ng	598566	CI30 1,4-Dichloro	378208	5.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methylene Chloride	84	CH2Cl2	000075-09-2	94
2		Methane-d, trichloro-	119	CDCl3	000865-49-6	10
3		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4		Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5		Boron trifluoride	68	BF3	007637-07-2	1



Data File : C:\MSDCHEM\1\DATA\070808\W24911.D

Vial: 25

Acq On : 8 Jul 2008 20:14

Operator: AJ

Sample : A8798801 DF5 AS8007822

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Concl
Methylene Chloride	2.57	63.3	ng	598566	1	5.92	378208	40.0

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802Sample wt/vol: 30.04 (g/mL) G Lab File ID: W24991.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

83-32-9-----	Acenaphthene		76	J
208-96-8-----	Acenaphthylene		650	J
98-86-2-----	Acetophenone		840	U
120-12-7-----	Anthracene		560	J
1912-24-9-----	Atrazine		840	U
100-52-7-----	Benzaldehyde		840	U
56-55-3-----	Benzo (a) anthracene		2100	
205-99-2-----	Benzo (b) fluoranthene		4000	
207-08-9-----	Benzo (k) fluoranthene		1100	
191-24-2-----	Benzo (ghi) perylene		1500	
50-32-8-----	Benzo (a) pyrene		2400	
92-52-4-----	Biphenyl		840	U
111-91-1-----	Bis (2-chloroethoxy) methane		840	U
111-44-4-----	Bis (2-chloroethyl) ether		840	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		840	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		1100	
101-55-3-----	4-Bromophenyl phenyl ether		840	U
85-68-7-----	Butyl benzyl phthalate		230	J
105-60-2-----	Caprolactam		840	U
106-47-8-----	4-Chloroaniline		840	U
59-50-7-----	4-Chloro-3-methylphenol		840	U
91-58-7-----	2-Chloronaphthalene		840	U
95-57-8-----	2-Chlorophenol		840	U
7005-72-3-----	4-Chlorophenyl phenyl ether		840	U
86-74-8-----	Carbazole		180	J
218-01-9-----	Chrysene		2900	B
53-70-3-----	Dibenzo (a, h) anthracene		510	J
132-64-9-----	Dibenzofuran		170	J
84-74-2-----	Di-n-butyl phthalate		840	U
91-94-1-----	3,3'-Dichlorobenzidine		840	U
120-83-2-----	2,4-Dichlorophenol		840	U
84-66-2-----	Diethyl phthalate		840	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802

Sample wt/vol: 30.04 (g/mL) G Lab File ID: W24991.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

105-67-9	2,4-Dimethylphenol	840	U
131-11-3	Dimethyl phthalate	840	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
51-28-5	2,4-Dinitrophenol	1600	U
121-14-2	2,4-Dinitrotoluene	840	U
606-20-2	2,6-Dinitrotoluene	840	U
117-84-0	Di-n-octyl phthalate	840	U
206-44-0	Fluoranthene	3300	
86-73-7	Fluorene	87	J
118-74-1	Hexachlorobenzene	840	U
87-68-3	Hexachlorobutadiene	840	U
77-47-4	Hexachlorocyclopentadiene	840	U
67-72-1	Hexachloroethane	840	U
193-39-5	Indeno (1,2,3-cd) pyrene	1400	
78-59-1	Isophorone	840	U
91-57-6	2-Methylnaphthalene	350	J
95-48-7	2-Methylphenol	840	U
106-44-5	4-Methylphenol	840	U
91-20-3	Naphthalene	270	J
88-74-4	2-Nitroaniline	1600	U
99-09-2	3-Nitroaniline	1600	U
100-01-6	4-Nitroaniline	1600	U
98-95-3	Nitrobenzene	840	U
88-75-5	2-Nitrophenol	840	U
100-02-7	4-Nitrophenol	1600	U
86-30-6	N-nitrosodiphenylamine	840	U
621-64-7	N-Nitroso-Di-n-propylamine	840	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	1200	
108-95-2	Phenol	840	U
129-00-0	Pyrene	2900	
95-95-4	2,4,5-Trichlorophenol	840	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802

Sample wt/vol: 30.04 (g/mL) G Lab File ID: W24991.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol		840	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802Sample wt/vol: 30.04 (g/mL) G Lab File ID: W24991.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 19.4 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1

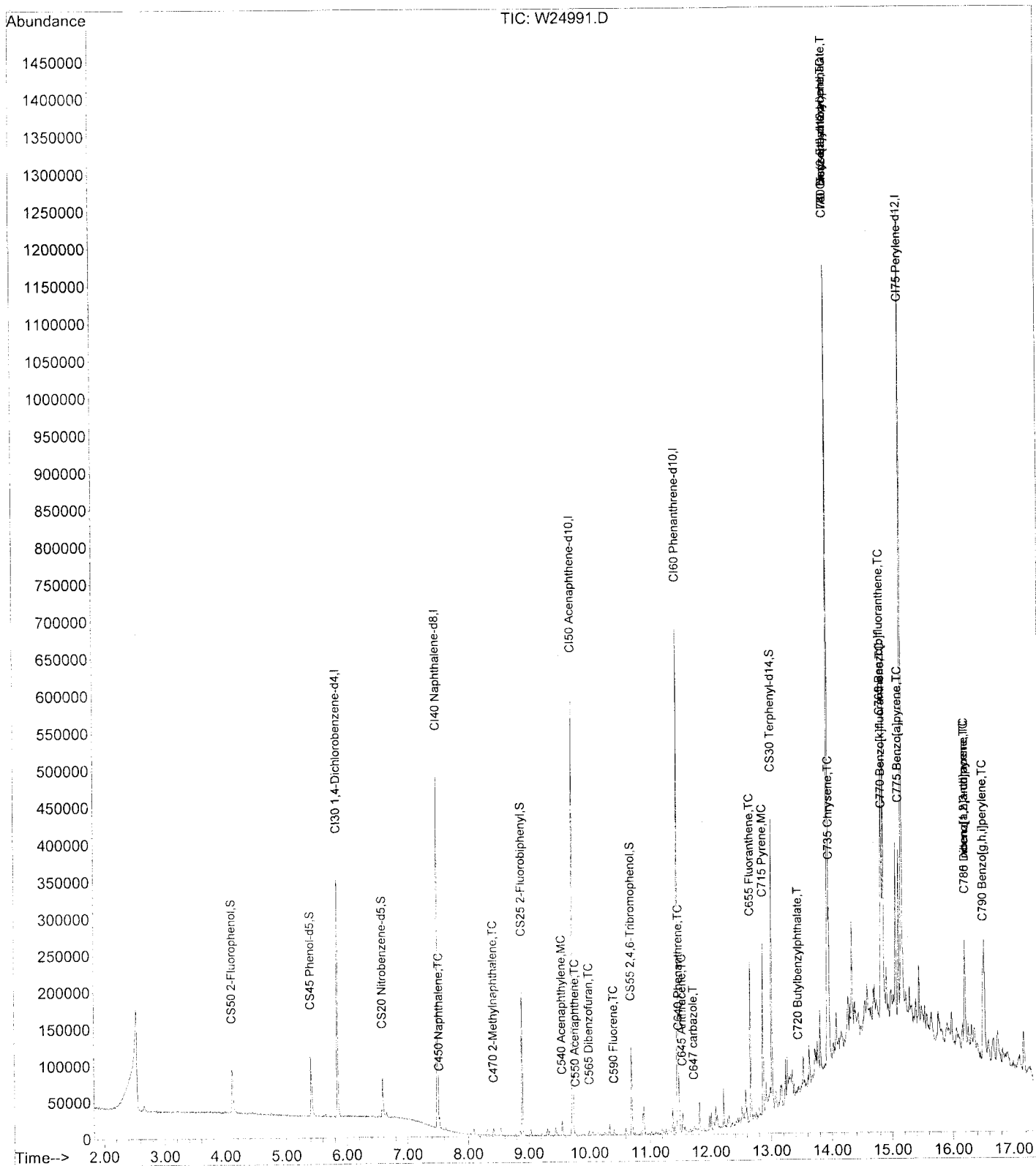
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 629-78-7	HEPTADECANE	14.34	1500	JN

Data File : C:\MSDCHEM\1\DATA\071108\W24991.D
 Acq On : 11 Jul 2008 18:09
 Sample : A8798802 DF4 AS80007823
 Misc :
 MS Integration Params: rteint.p

Vial: 17
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 14 15:45:03 2008 Results File: A8I-516(7-11).RES
 Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\071108\W24991.D
 Acq On : 11 Jul 2008 18:09
 Sample : A8798802 DF4 AS80007823
 Misc :

Vial: 17
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 14 15:45:03 2008

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071108\W24976.D (11 Jul 2008 11:28)

(SIB)
JW 7/14/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.84	152	58603	80.00	ng	0.00 130.23%
20) CI40 Naphthalene-d8	7.49	136	246473	80.00	ng	0.00 128.47%
35) CI50 Acenaphthene-d10	9.73	164	140636	80.00	ng	0.00 131.99%
56) CI60 Phenanthrene-d10	11.46	188	260946	80.00	ng	0.00 142.10%
68) CI70 Chrysene-d12	13.94	240	320027	80.00	ng	0.00 149.10%
78) CI75 Perylene-d12	15.16	264	363040	80.00	ng	0.00 190.56%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.11	112	32717	41.75	ng	0.02
Spiked Amount 150.000	Range 21 - 110		Recovery =			27.83%
5) CS45 Phenol-d5	5.40	99	48608	37.69	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =			25.13%
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =			0.00%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =			0.00%#
21) CS20 Nitrobenzene-d5	6.58	82	27141	23.97	ng	0.01
Spiked Amount 100.000	Range 34 - 114		Recovery =			23.97%#
39) CS25 2-Fluorobiphenyl	8.89	172	71716	29.94	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =			29.94%#
59) CS55 2,4,6-Tribromophenol	10.70	330	14225	49.17	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =			32.78%
71) CS30 Terphenyl-d14	13.01	244	98622	26.20	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =			26.20%#

Target Compounds

					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.	
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.	
7) C315 Phenol	0.00	94	0	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D.	
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D.	
23) C415 Isophorone	0.00	82	0	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

8/7/08

Data File : C:\MSDCHEM\1\DATA\071108\W24991.D
 Acq On : 11 Jul 2008 18:09
 Sample : A8798802 DF4 AS80007823
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 14 15:45:03 2008

Vial: 17
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071108\W24976.D (11 Jul 2008 11:28)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Dev (Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	7.52	128	5583	1.63	ng		98
31) C455 4-Chloroaniline	0.00	127	0	N.D.	d		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	8.42	142	4797	2.11	ng		97
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	9.55	152	13357	3.93	ng		96
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	9.77	153	1001	0.46	ng	#	52
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	9.99	168	3003	1.01	ng		74
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	10.41	166	1285	0.53	ng		84
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	0.00	149	0	N.D.			
54) C620 1,2 diphenylhydrazin	0.00	77	0	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	10.60	169	170	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	11.48	178	28425	7.42	ng		94
64) C645 Anthracene	11.54	178	13293	3.38	ng		95
65) C647 carbazole	11.72	167	4151	1.12	ng		93
66) C650 Di-n-butylphthalate	12.08	149	809	N.D.			
67) C655 Fluoranthene	12.66	202	83905	19.78	ng		99
68) C715 Pyrene	12.87	202	85669	17.75	ng		98
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalate	13.44	149	3124	1.40	ng	#	72
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.	d		
74) C730 Benzo[a]anthracene	13.93	228	63390	12.96	ng		90
75) C735 Chrysene	13.96	228	82552	17.39	ng		96
76) C740 bis(2-Ethylhexyl)phth	13.93	149	23398	6.96	ng		97
77) C760 Di-n-octylphthalate	0.00	149	0	N.D.	d		
78) C765 Benzo[b]fluoranthene	14.82	252	158116m	24.01	ng		97
79) C770 Benzo[k]fluoranthene	14.84	252	41658m	6.81	ng		97
80) C775 Benzo[a]pyrene	15.11	252	81298	14.23	ng		97
81) C780 Indeno[1,2,3-cd]pyren	16.21	276	68947	8.47	ng		94
82) C785 Dibenz[a,h]anthracene	16.21	278	21710	3.07	ng		88
84) C790 Benzo[g,h,i]perylene	16.50	276	63412	9.29	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\071108\W24991.D Vial: 17
 Acq On : 11 Jul 2008 18:09 Operator: AJ
 Sample : A8798802 DF4 AS80007823 Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 16 12:16:00 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Wed Jul 16 12:08:16 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24889.D (8 Jul 2008 11:46)

*SS
AD
7-16-08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.84	152	58603	40.00	ng	-0.07 91.25%
4) CI40 Naphthalene-d8	7.49	136	246473	40.00	ng	-0.06 104.25%
7) CI50 Acenaphthene-d8	9.73	164	140636	40.00	ng	-0.06 113.63%
10) CI60 Phenanthrene-d10	11.46	188	260946	40.00	ng	-0.05 136.23%
12) CI70 Chrysene-d12	13.94	240	320027	40.00	ng	-0.04 157.04%
13) CI75 Perylene-d12	15.16	264	363040	40.00	ng	-0.05 188.78%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	5.92	105	562	0.21	ng	# 15
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	9.02	154	603	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

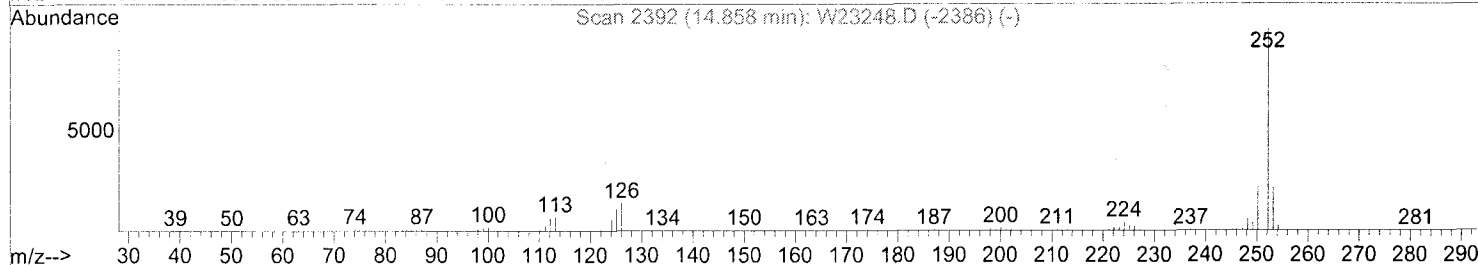
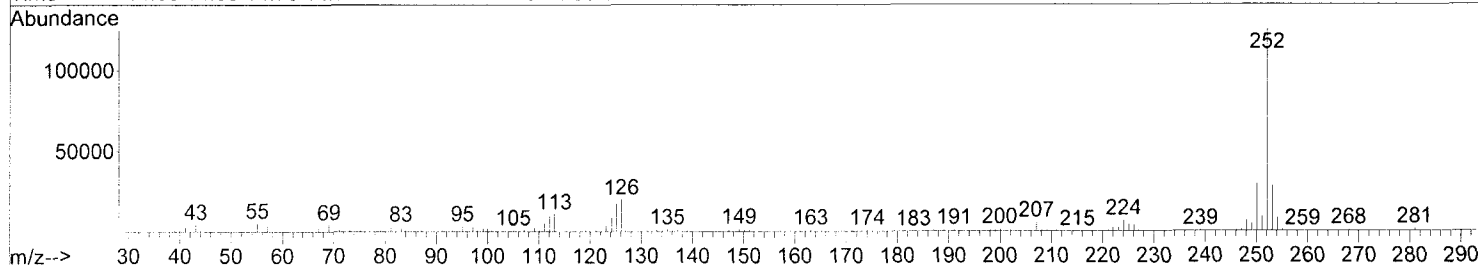
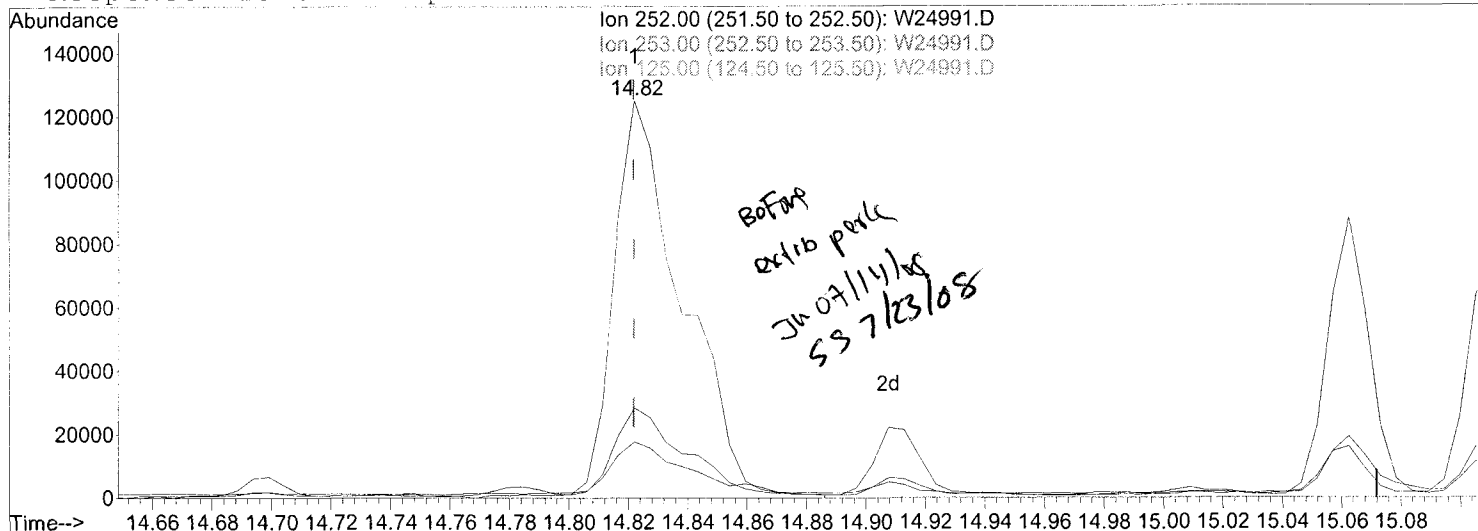
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m 7/16/08

Data File : C:\MSDCHEM\1\DATA\071108\W24991.D
 Acq On : 11 Jul 2008 18:09
 Sample : A8798802 DF4 AS80007823
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 14 15:29:41 2008

Vial: 17
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Multiple Level Calibration



TIC: W24991.D

(79) C765 Benzo[b]fluoranthene (TC)

14.82min (+0.000) 30.61ng

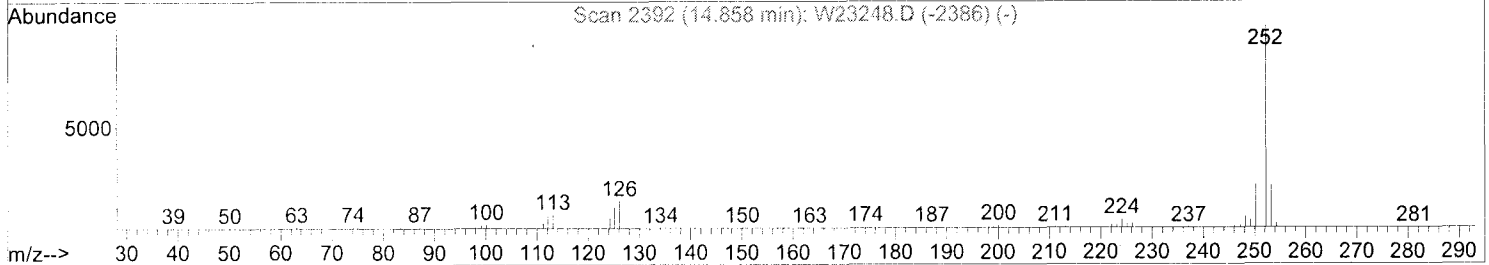
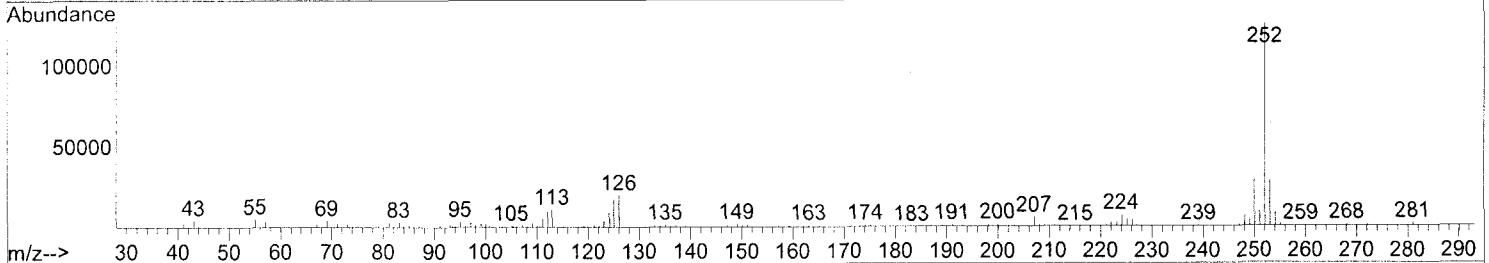
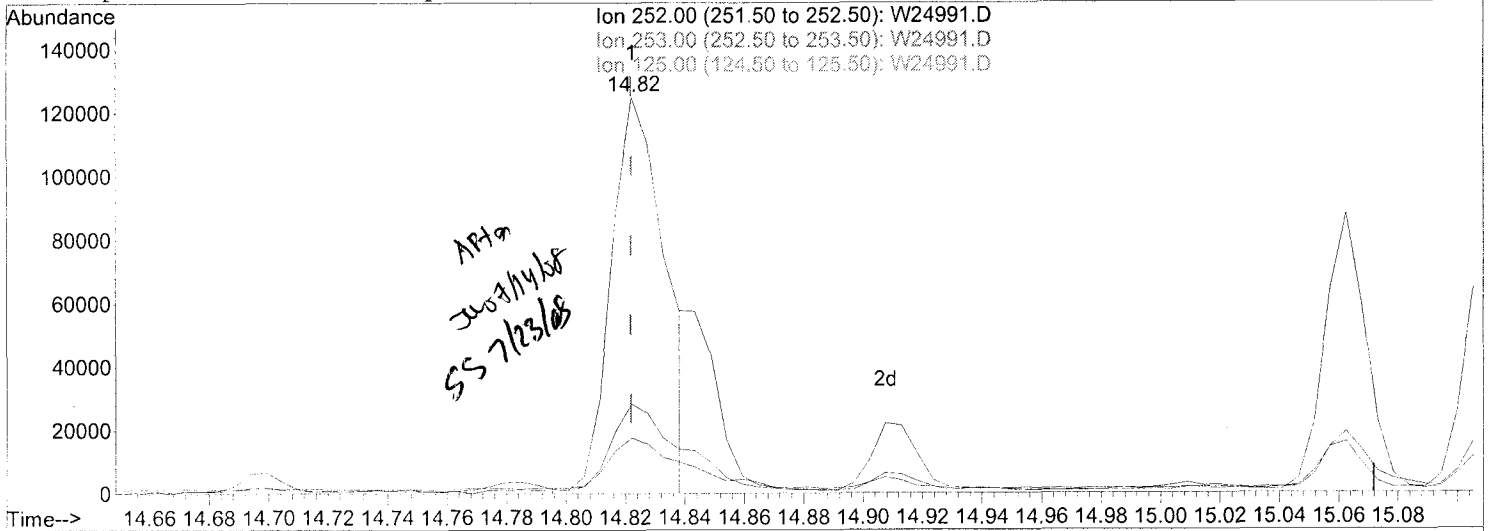
response 201544

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	21.80
125.00	11.20	12.80
0.00	0.00	0.00

Data File : C:\MSDCHEM\1\DATA\071108\W24991.D
 Acq On : 11 Jul 2008 18:09
 Sample : A8798802 DF4 AS80007823
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 14 15:29:41 2008

Vial: 17
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Multiple Level Calibration



TIC: W24991.D

(79) C765 Benzo[b]fluoranthene (TC)

14.82min (+0.000) 24.01ng m

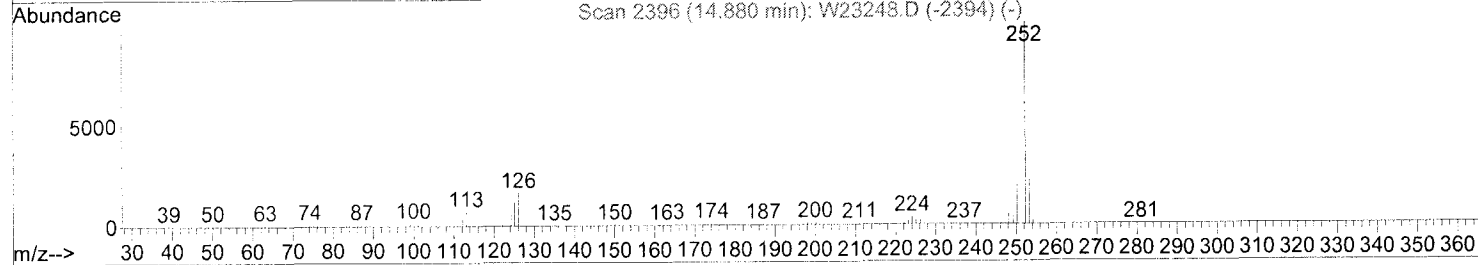
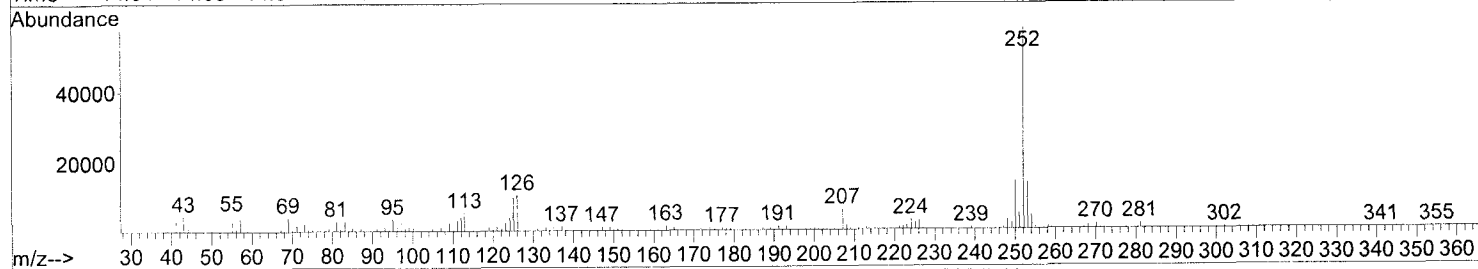
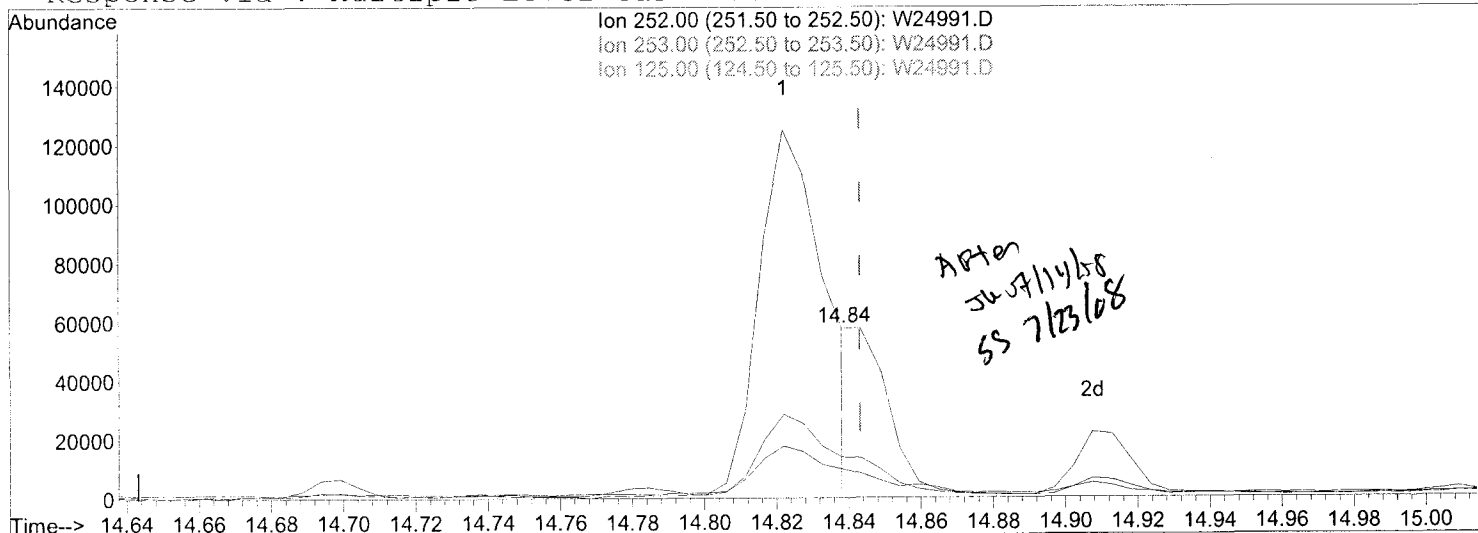
response 158116

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	22.63
125.00	11.20	14.05
0.00	0.00	0.00

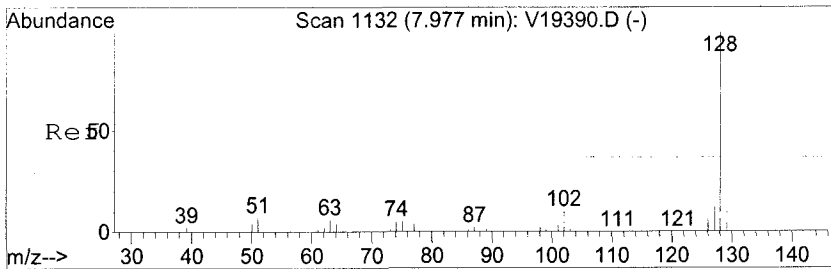
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Acq On : 11 Jul 2008 18:09
Sample : A8798802 DF4 AS80007823
Misc :
MS Integration Params: rteint.p
Quant Time: Jul 14 15:29:41 2008

Vial: 17
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jul 14 15:29:14 2008
Response via : Multiple Level Calibration

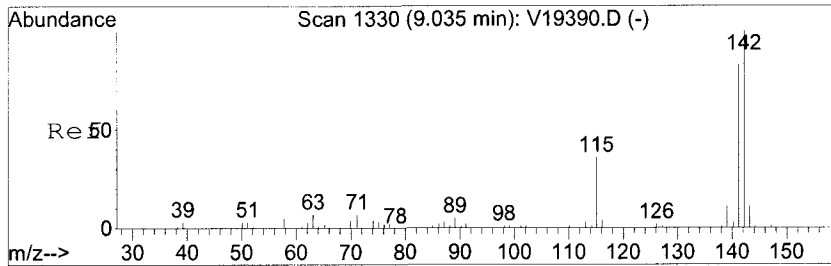
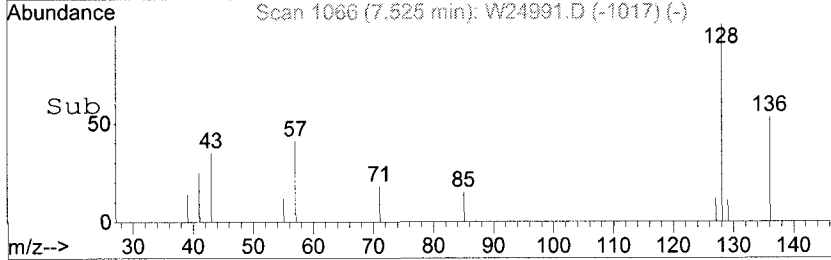
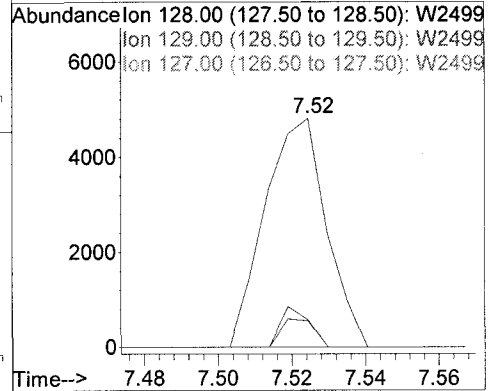
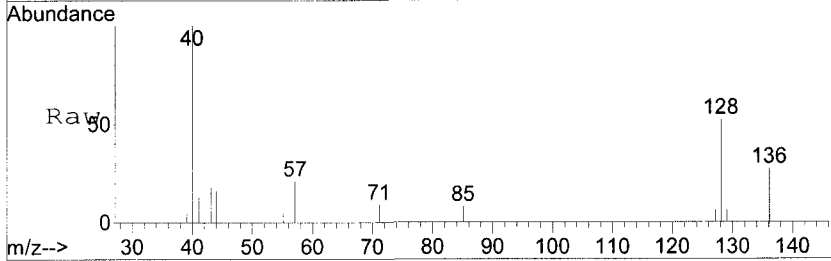


TIC: W24991.D
(80) C770 Benzo[k]fluoranthene (TC)
14.84min (-0.005) 6.81ng m
response 41658
Table with 3 columns: Ion, Exp%, Act%
Rows: 252.00, 253.00, 125.00, 0.00



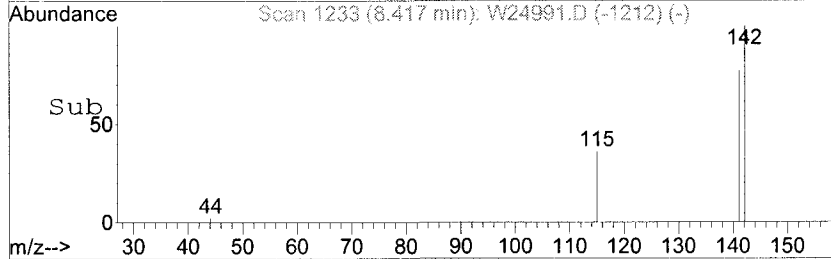
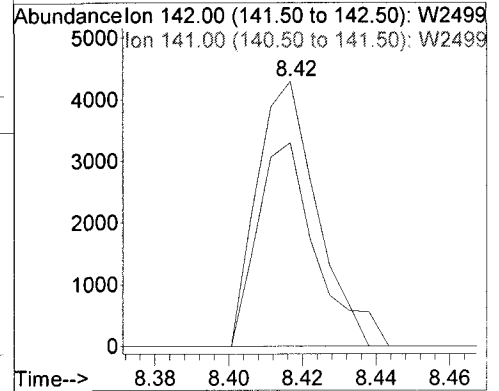
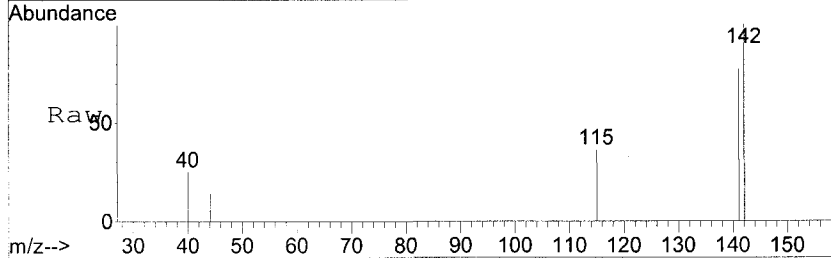
#30
 C450 Naphthalene
 Concen: 1.63 ng
 RT: 7.52 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

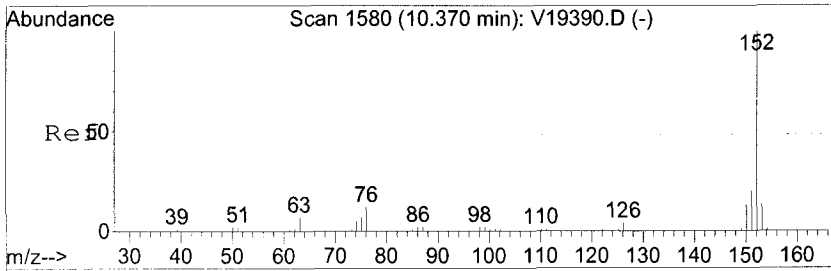
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	0.0	30.1
127	11.9	0.0	31.5



#34
 C470 2-Methylnaphthalene
 Concen: 2.11 ng
 RT: 8.42 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

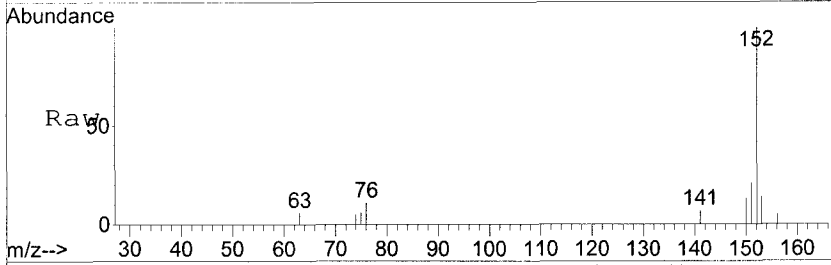
Tgt Ion	Ratio	Lower	Upper
142	100		
141	76.8	59.8	99.8



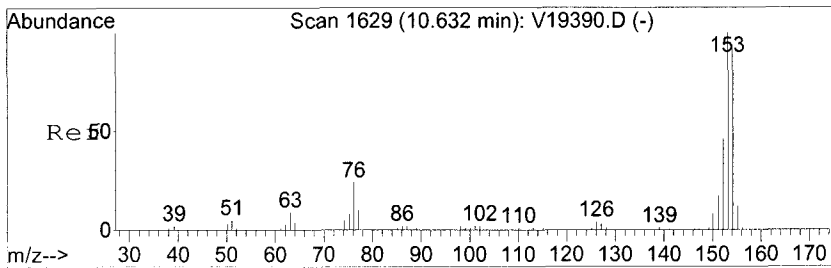
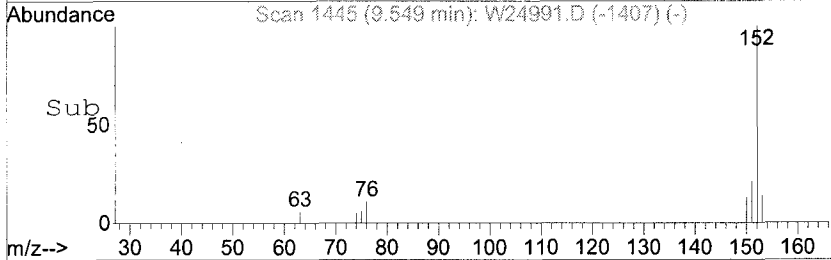
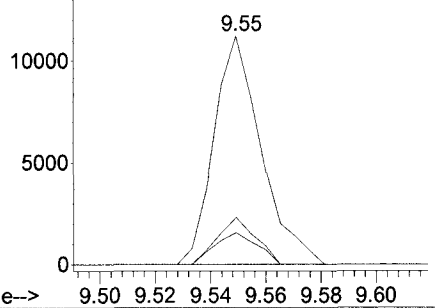


#42
 C540 Acenaphthylene
 Concen: 3.93 ng
 RT: 9.55 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	13357		
151	20.6		0.0	38.6
153	13.9		0.0	32.3

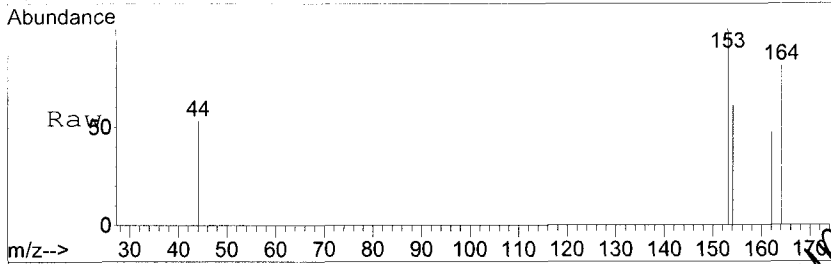


Abundance Ion 152.00 (151.50 to 152.50): W2499
 Ion 151.00 (150.50 to 151.50): W2499
 Ion 153.00 (152.50 to 153.50): W2499

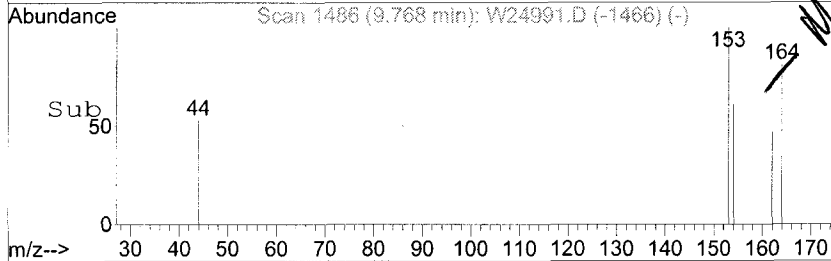
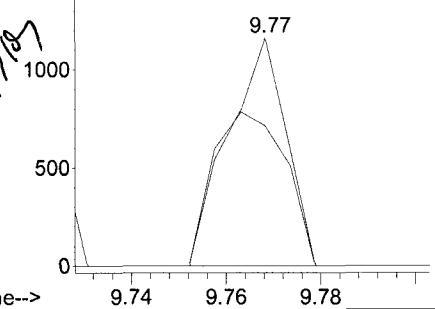


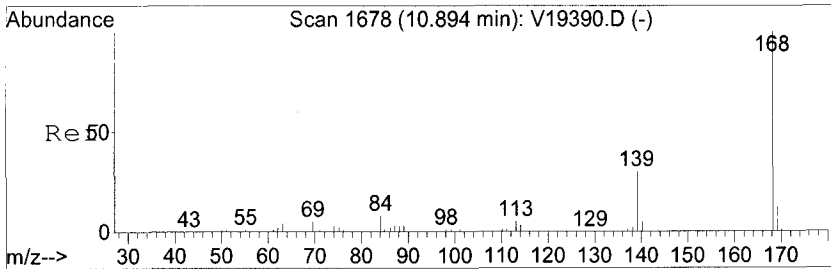
#45
 C550 Acenaphthene
 Concen: 0.46 ng
 RT: 9.77 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1001		
152	0.0		27.9	67.9#
154	61.5		77.9	117.9#



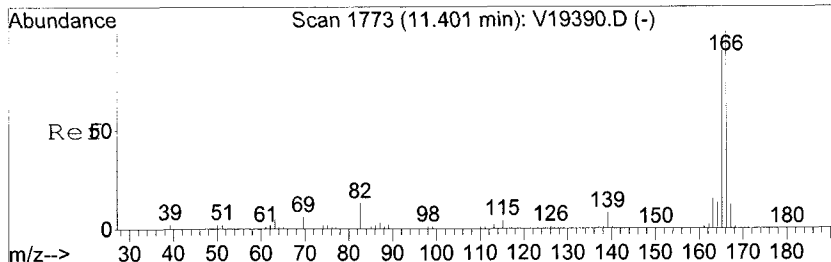
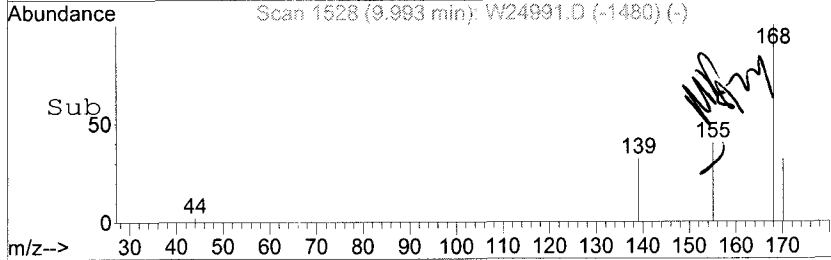
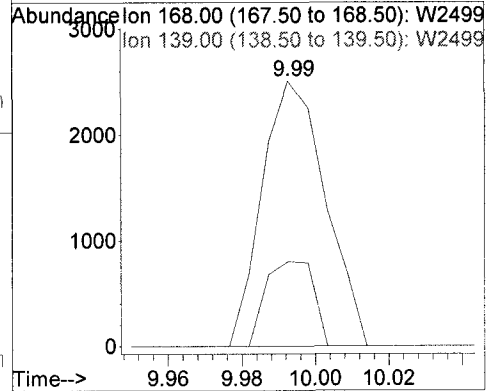
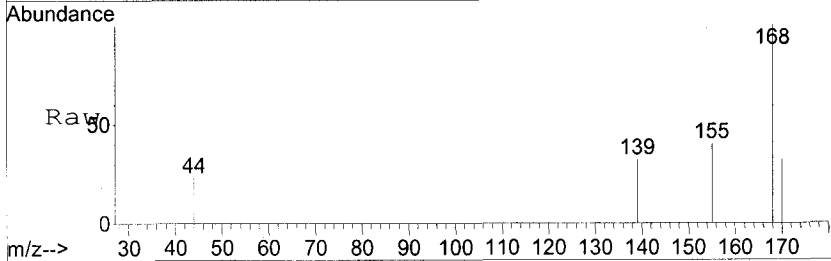
Abundance Ion 153.00 (152.50 to 153.50): W2499
 Ion 152.00 (151.50 to 152.50): W2499
 Ion 154.00 (153.50 to 154.50): W2499





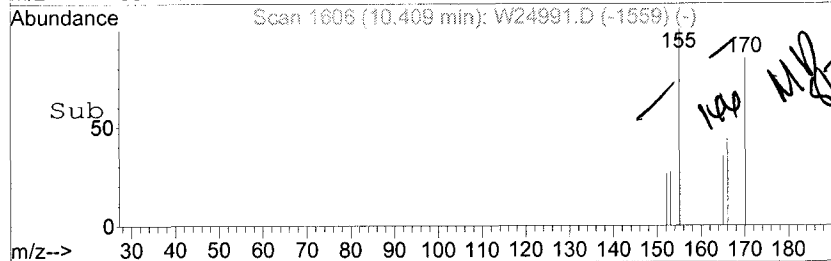
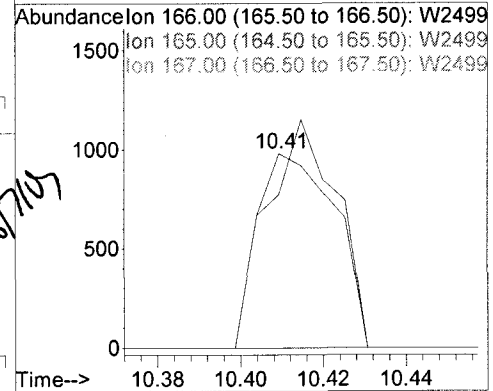
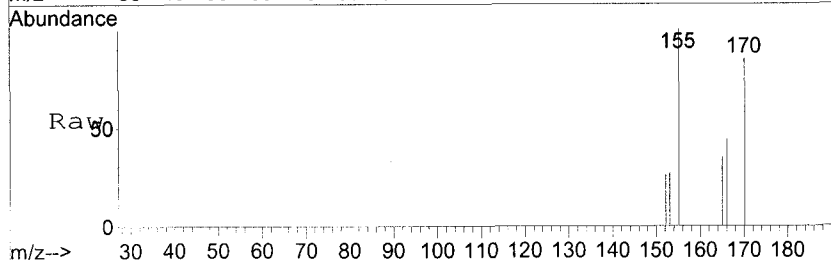
#48
 C565 Dibenzofuran
 Concen: 1.01 ng
 RT: 9.99 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

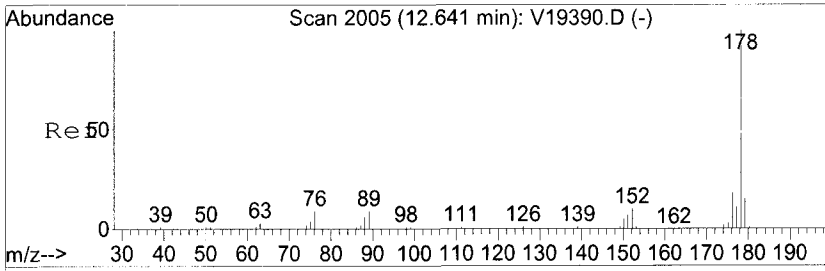
Tgt Ion:	168	Resp:	3003
Ion Ratio	Lower	Upper	
168	100		
139	32.0	29.7	69.7



#51
 C590 Fluorene
 Concen: 0.53 ng
 RT: 10.41 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

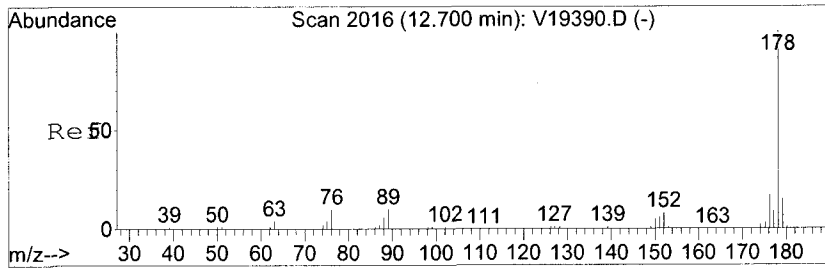
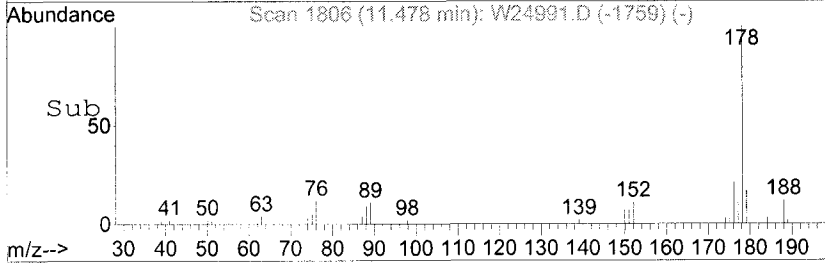
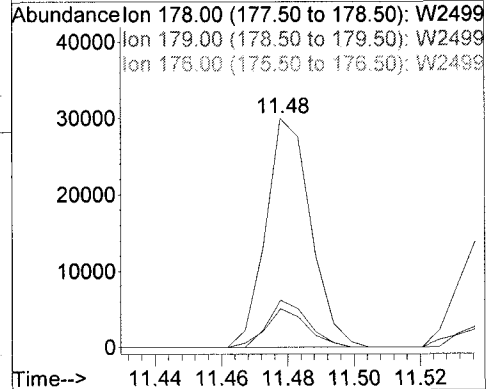
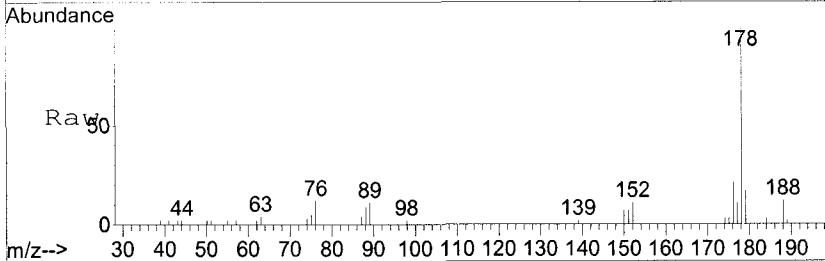
Tgt Ion:	166	Resp:	1285
Ion Ratio	Lower	Upper	
166	100		
165	78.8	72.0	112.0
167	0.0	0.0	32.5





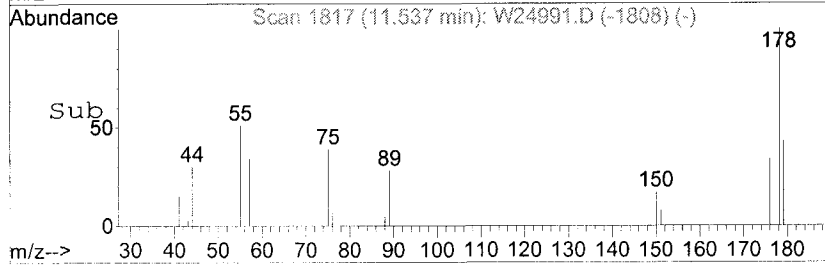
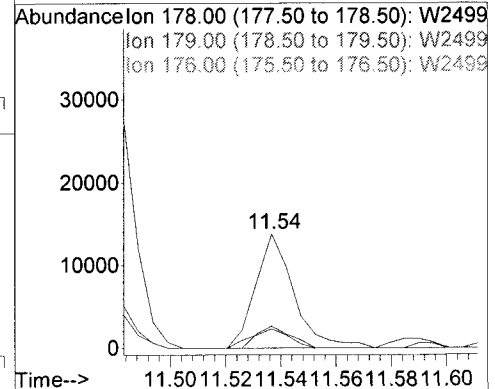
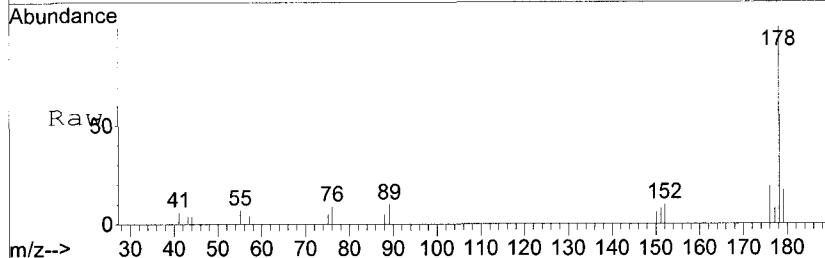
#63
C640 Phenanthrene
Concen: 7.42 ng
RT: 11.48 min Scan# 1806
Delta R.T. 0.00 min
Lab File: W24991.D
Acq: 11 Jul 2008 18:09

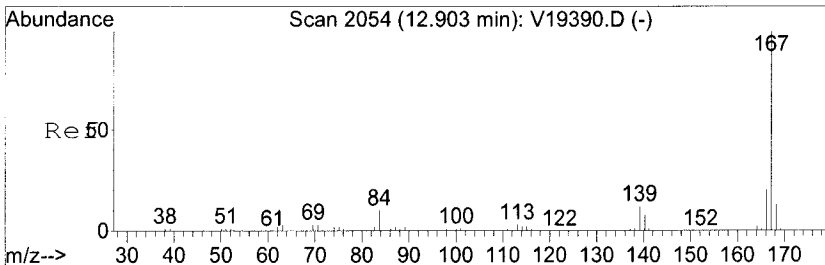
Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	0.0	34.3
176	20.7	0.0	38.0



#64
C645 Anthracene
Concen: 3.38 ng
RT: 11.54 min Scan# 1817
Delta R.T. 0.00 min
Lab File: W24991.D
Acq: 11 Jul 2008 18:09

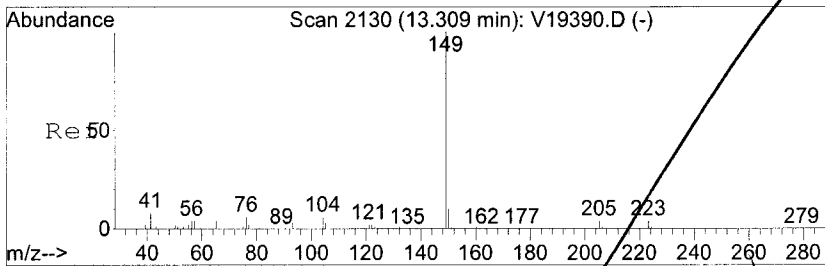
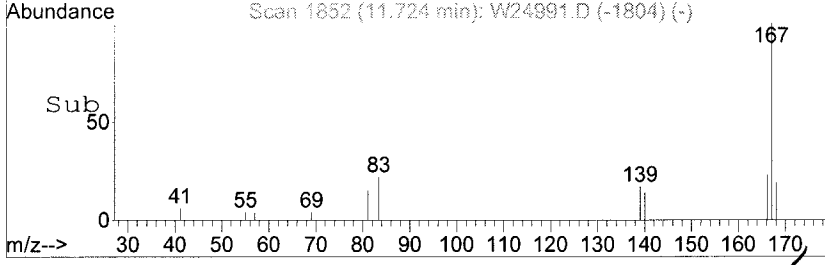
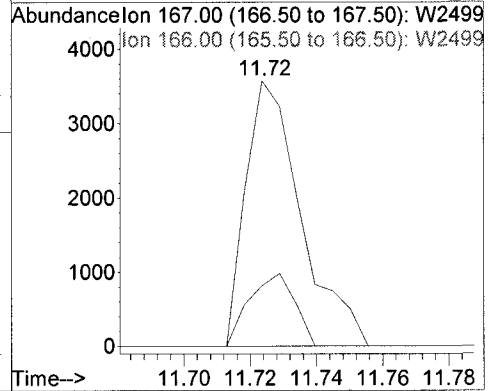
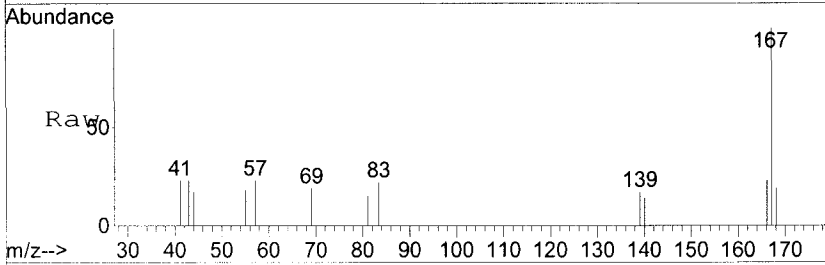
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	0.0	34.5
176	19.2	0.0	37.1





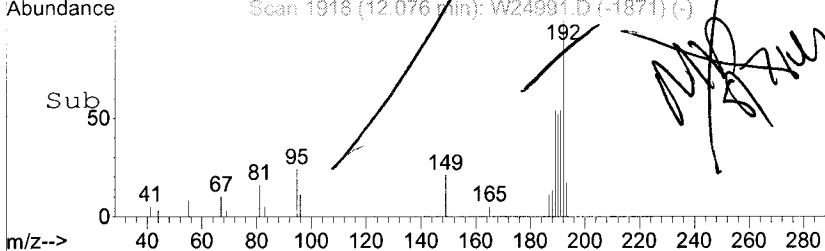
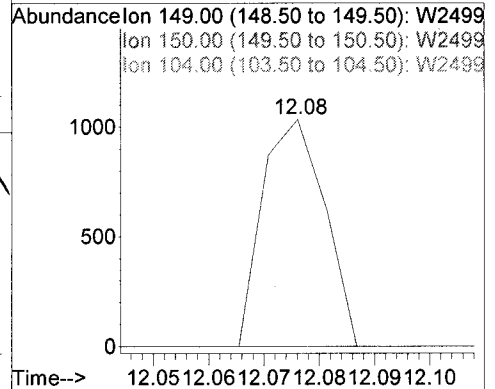
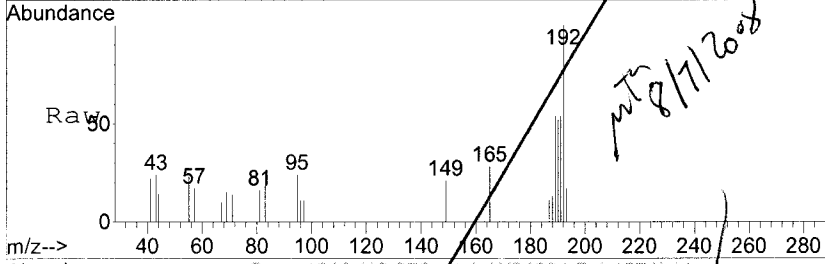
#65
 C647 carbazole
 Concen: 1.12 ng
 RT: 11.72 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

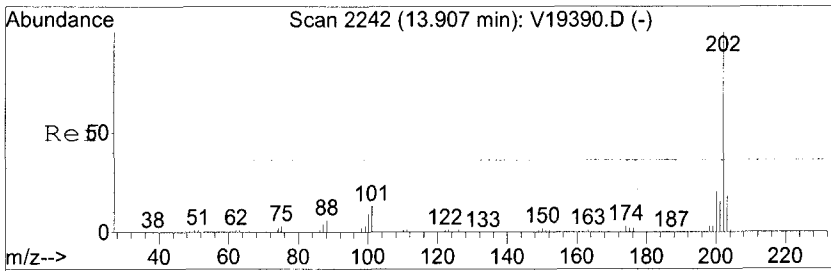
Tgt Ion: 167 Resp: 4151
 Ion Ratio Lower Upper
 167 100
 166 22.5 0.0 39.1



#66
 C650 Di-n-butylphthalate
 Concen: 0.19 ng
 RT: 12.08 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

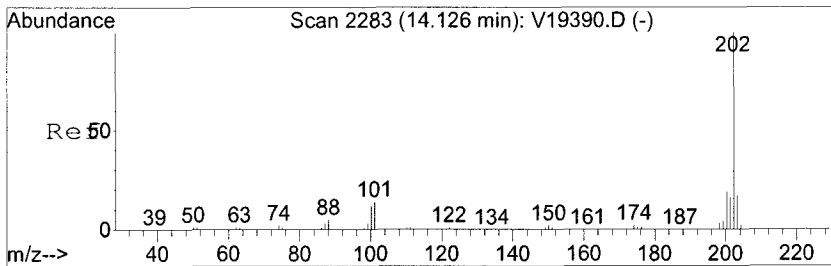
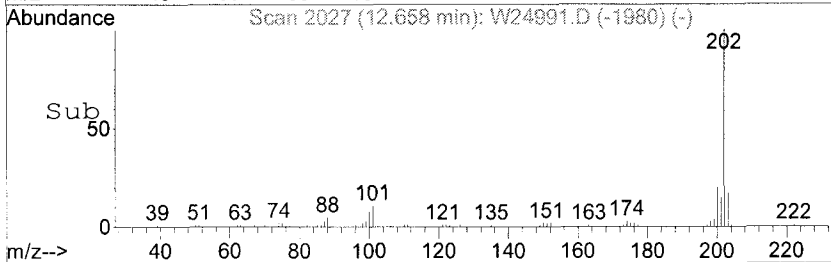
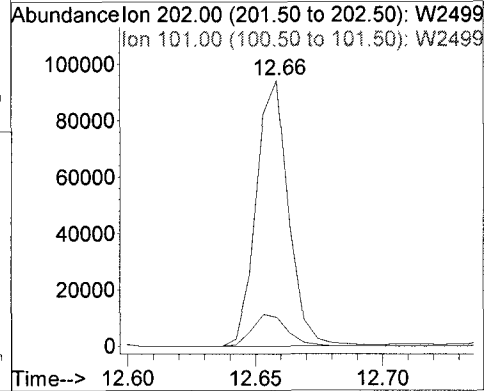
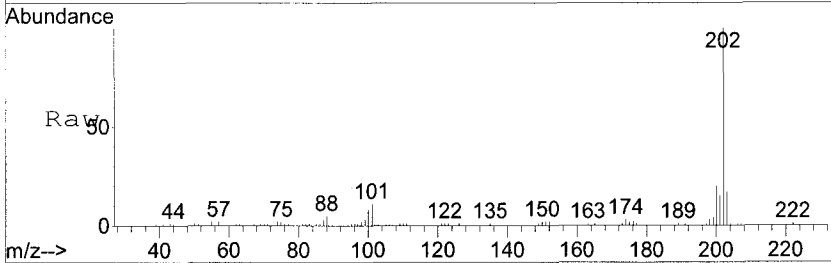
Tgt Ion: 149 Resp: 809
 Ion Ratio Lower Upper
 149 100
 150 0.0 0.0 28.5
 104 0.0 0.0 25.2





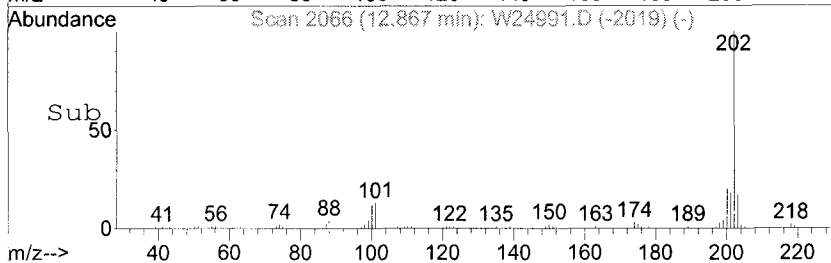
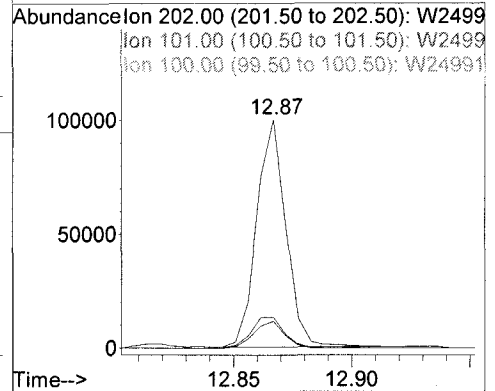
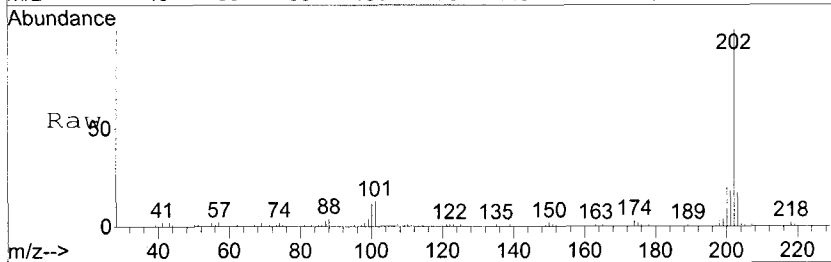
#67
C655 Fluoranthene
Concen: 19.78 ng
RT: 12.66 min Scan# 2027
Delta R.T. 0.00 min
Lab File: W24991.D
Acq: 11 Jul 2008 18:09

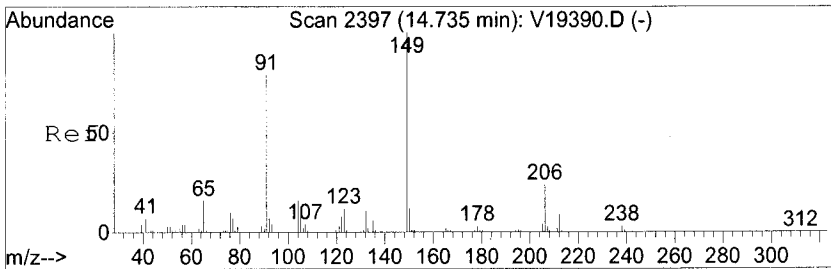
Tgt Ion	Resp	Lower	Upper
202	83905	100	100
101	10.9	0.0	30.7



#69
C715 Pyrene
Concen: 17.75 ng
RT: 12.87 min Scan# 2066
Delta R.T. 0.00 min
Lab File: W24991.D
Acq: 11 Jul 2008 18:09

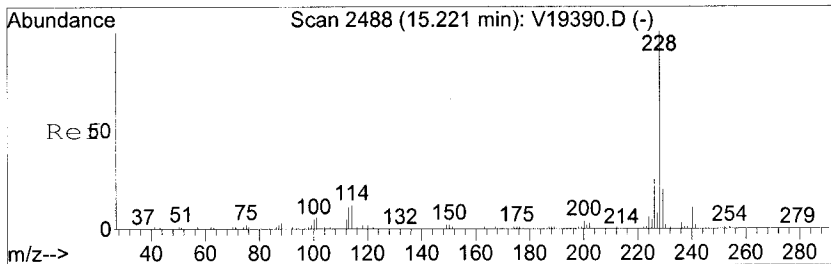
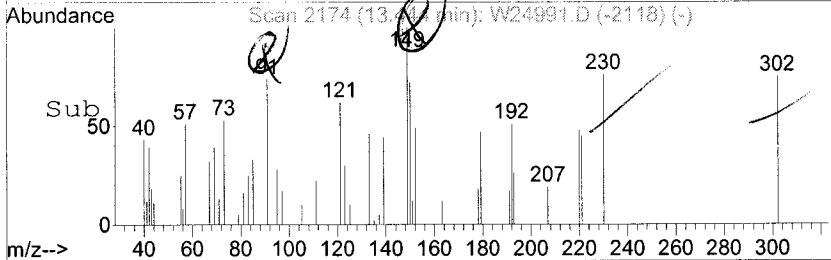
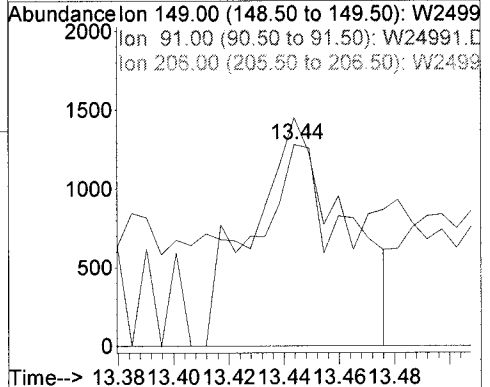
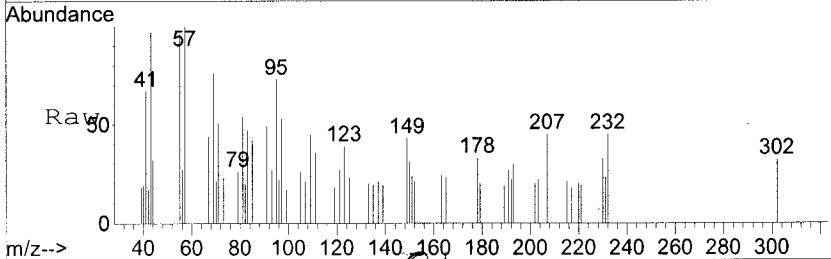
Tgt Ion	Resp	Lower	Upper
202	85669	100	100
101	13.5	0.0	34.3
100	11.8	0.0	31.1





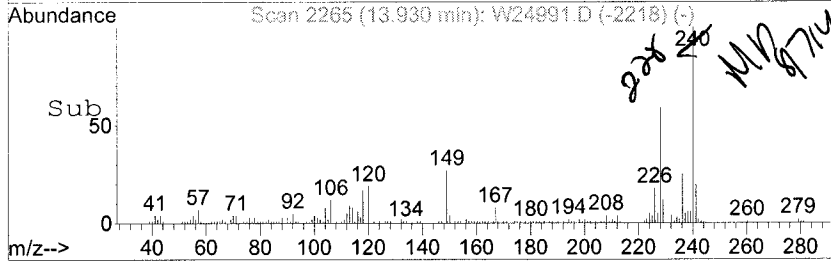
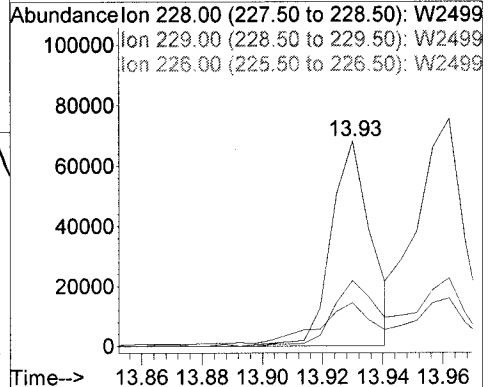
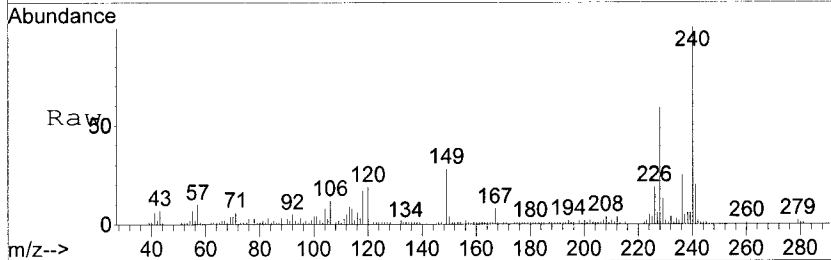
#72
 C720 Butylbenzylphthalate
 Concen: 1.40 ng
 RT: 13.44 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

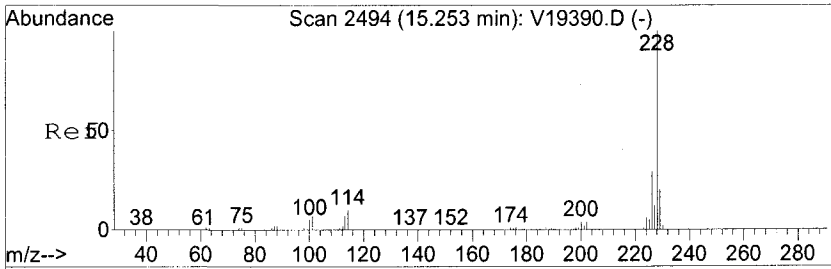
Tgt Ion:	149	Resp:	3124
Ion Ratio	Lower	Upper	
149	100		
91	57.4	57.0	97.0
206	0.0	2.7	42.7#



#74
 C730 Benzo[a]anthracene
 Concen: 12.96 ng
 RT: 13.93 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

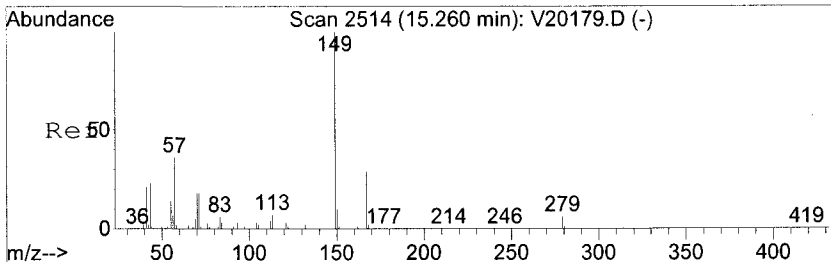
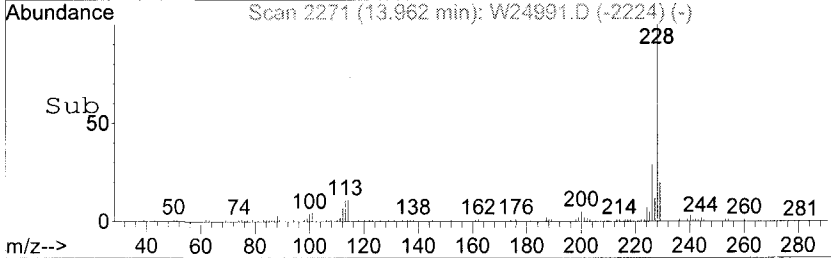
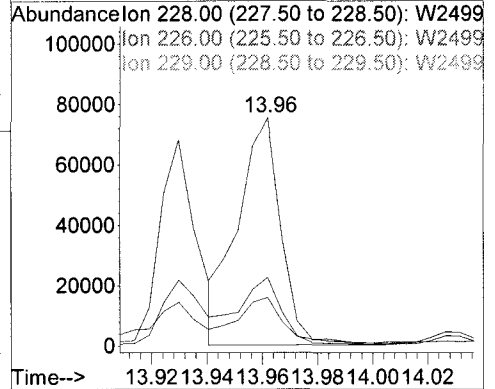
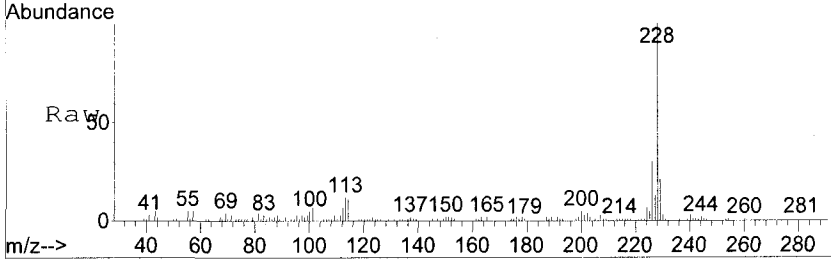
Tgt Ion:	228	Resp:	63390
Ion Ratio	Lower	Upper	
228	100		
229	20.1	0.0	38.8
226	32.1	4.8	44.8





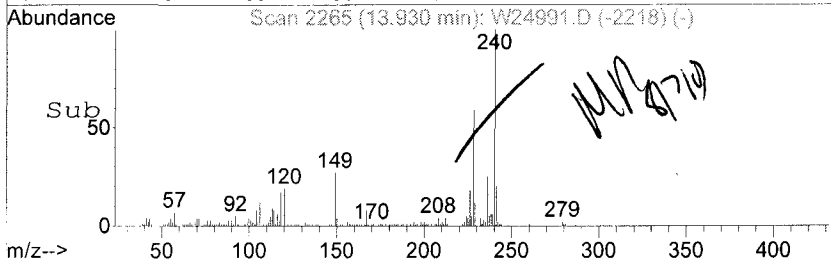
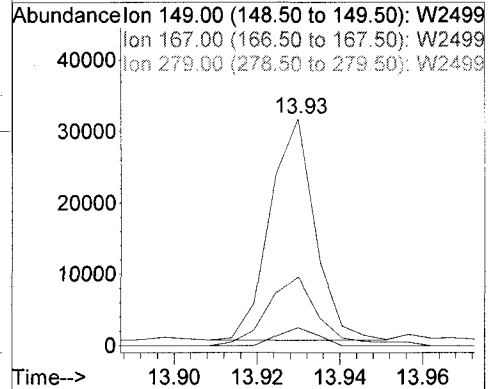
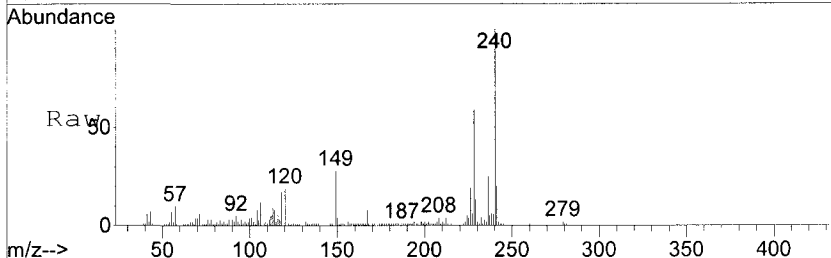
#75
 C735 Chrysene
 Concen: 17.39 ng
 RT: 13.96 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

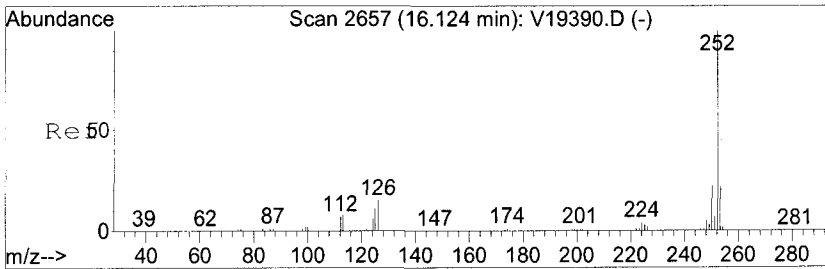
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	7.1	47.1
229	19.7	0.0	38.8



#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 6.96 ng
 RT: 13.93 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

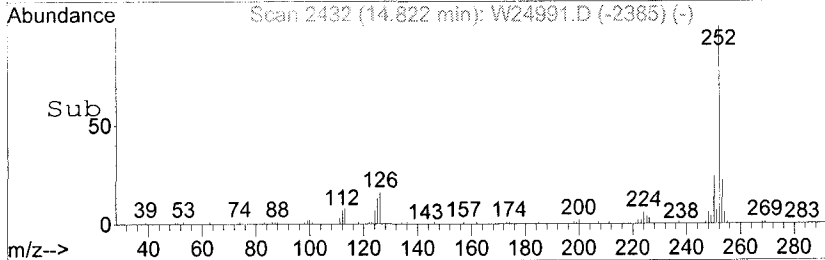
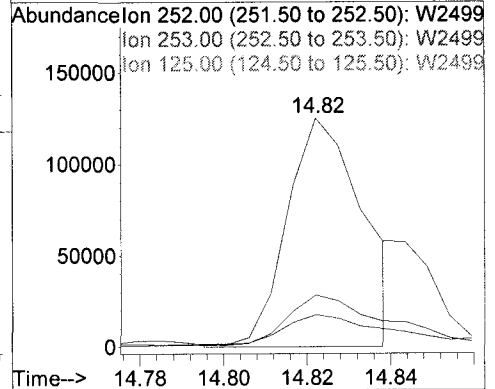
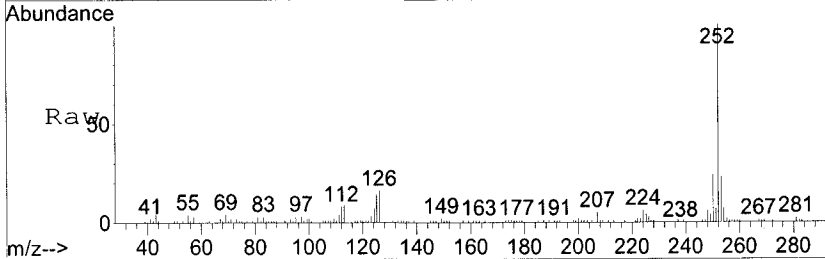
Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	13.1	53.1
279	8.3	0.0	27.5





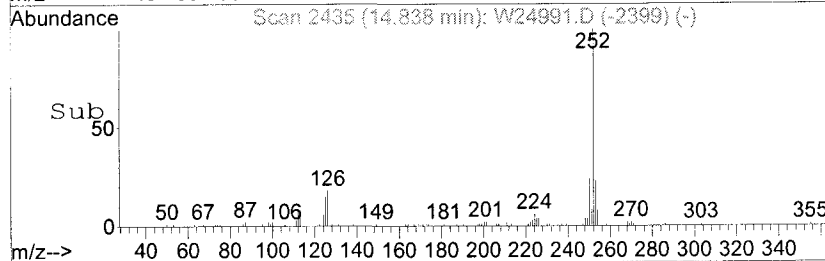
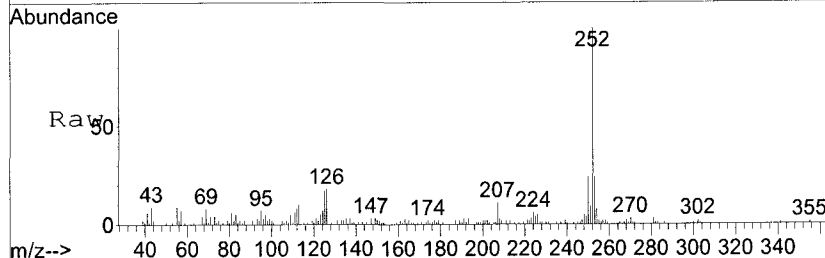
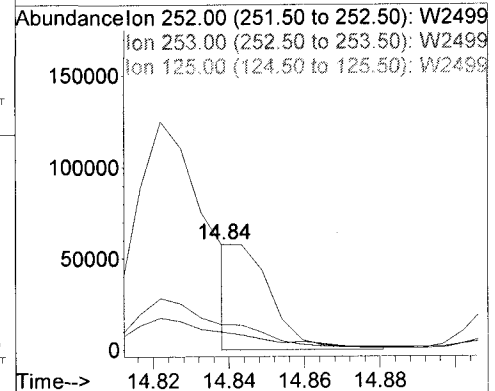
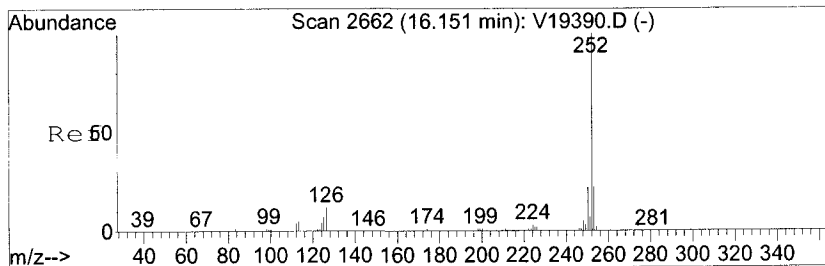
#79
 C765 Benzo[b]fluoranthene
 Concen: 24.01 ng m
 RT: 14.82 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

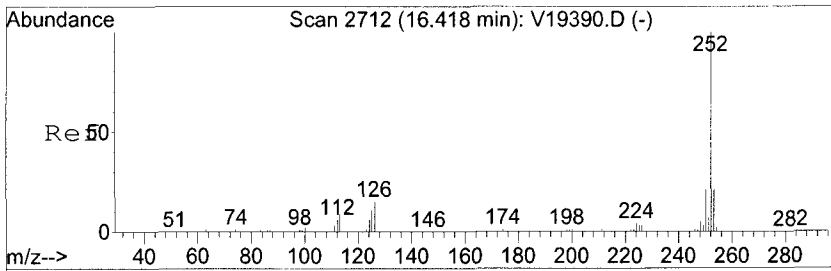
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.8	40.8
125	14.1	0.0	31.2



#80
 C770 Benzo[k]fluoranthene
 Concen: 6.81 ng m
 RT: 14.84 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

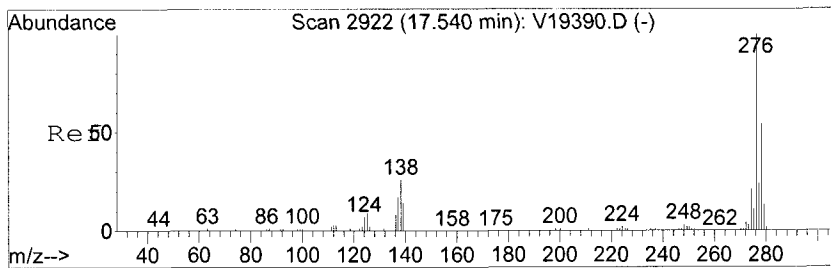
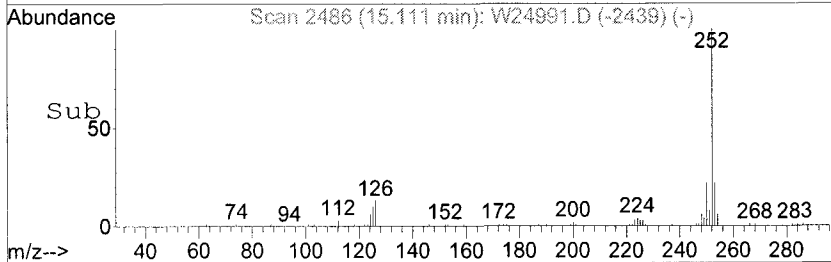
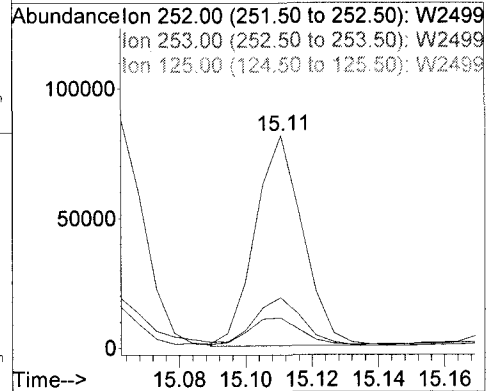
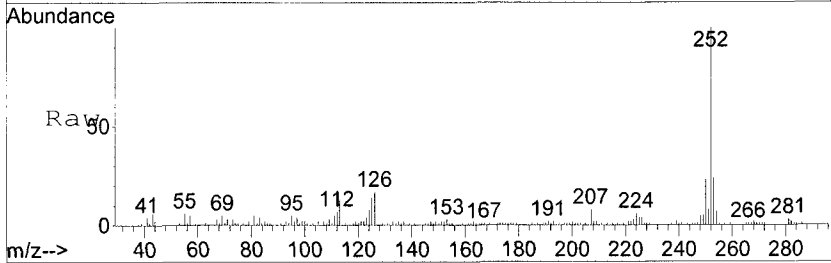
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.9	40.9
125	17.1	0.0	31.0





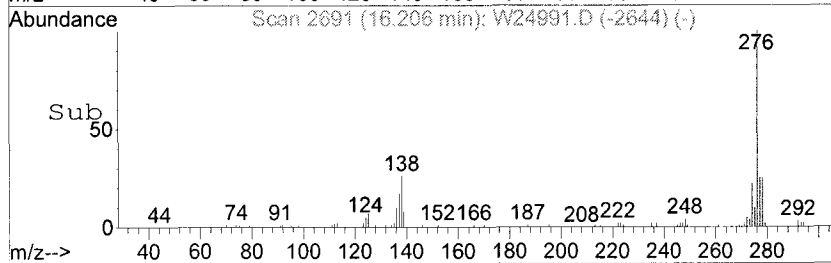
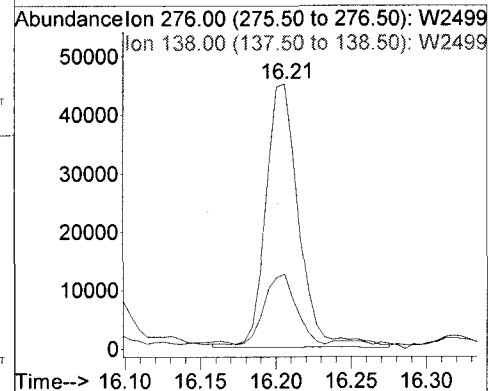
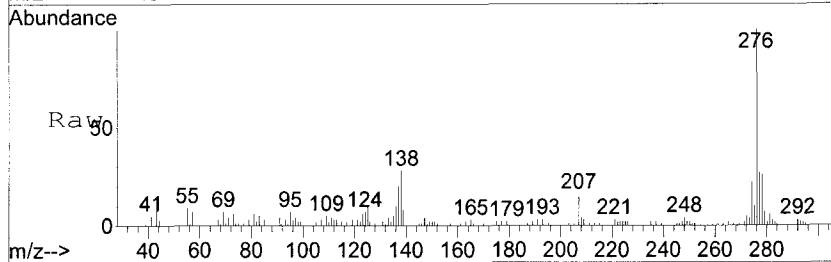
#81
 C775 Benzo[a]pyrene
 Concen: 14.23 ng
 RT: 15.11 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

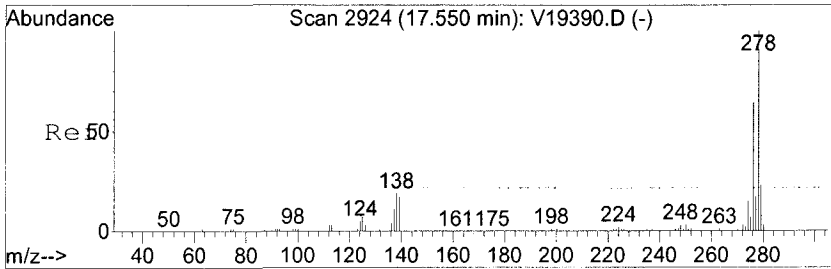
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.9	40.9
125	12.9	0.0	33.4



#82
 C780 Indeno[1,2,3-cd]pyrene
 Concen: 8.47 ng
 RT: 16.21 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: W24991.D
 Acq: 11 Jul 2008 18:09

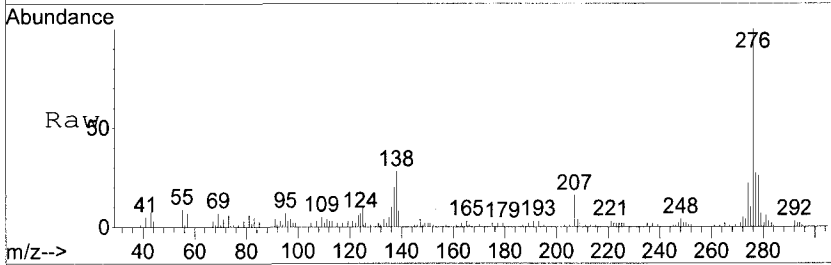
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	10.1	50.1



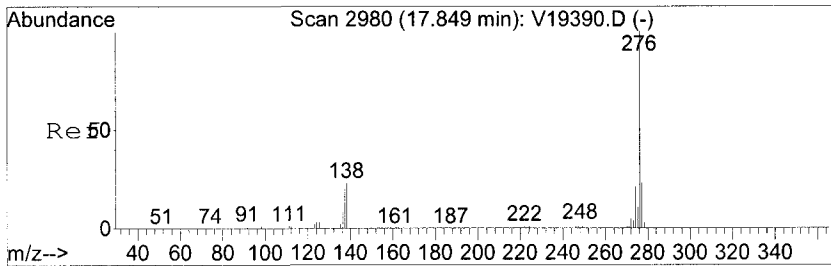
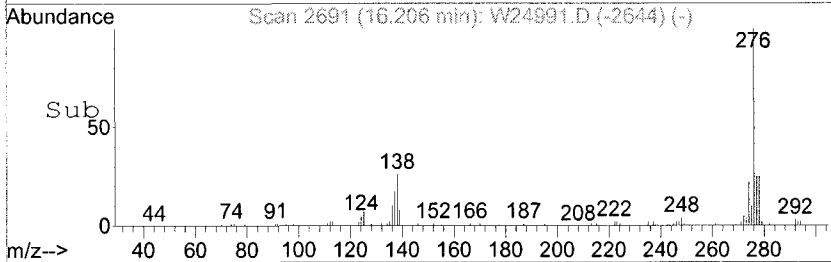
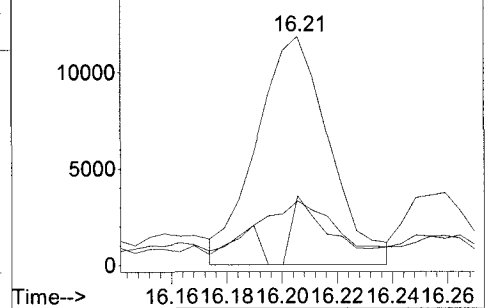


#83
C785 Dibenz[a,h]anthracene
Concen: 3.07 ng
RT: 16.21 min Scan# 2691
Delta R.T. 0.00 min
Lab File: W24991.D
Acq: 11 Jul 2008 18:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.6	0.0	39.0
279	24.3	2.5	42.5

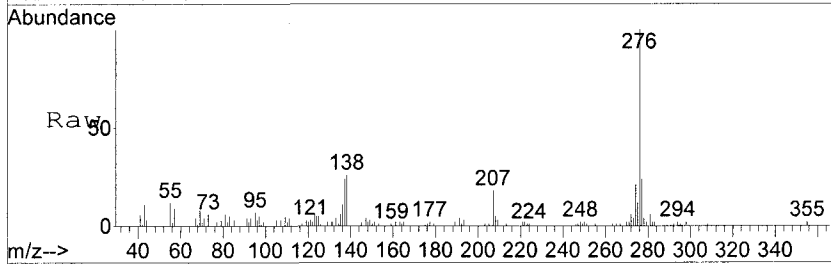


Abundance Ion 278.00 (277.50 to 278.50): W2499
Ion 139.00 (138.50 to 139.50): W2499
Ion 279.00 (278.50 to 279.50): W2499

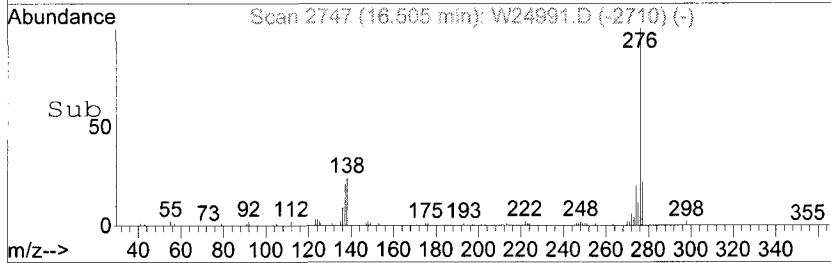
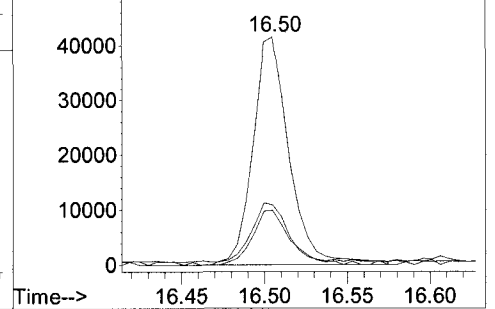


#84
C790 Benzo[g,h,i]perylene
Concen: 9.29 ng
RT: 16.50 min Scan# 2747
Delta R.T. 0.00 min
Lab File: W24991.D
Acq: 11 Jul 2008 18:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	7.8	47.8
277	23.7	3.7	43.7



Abundance Ion 276.00 (275.50 to 276.50): W2499
Ion 138.00 (137.50 to 138.50): W2499
Ion 277.00 (276.50 to 277.50): W2499



Data File : C:\MSDCHEM\1\DATA\071108\W24991.D
 Acq On : 11 Jul 2008 18:09
 Sample : A8798802 DF4 AS80007823
 Misc :
 MS Integration Params: LSCINT.P

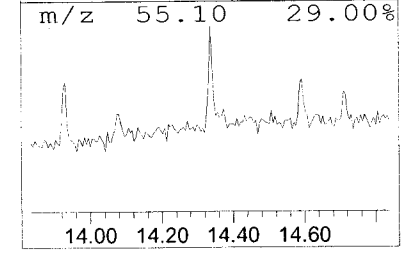
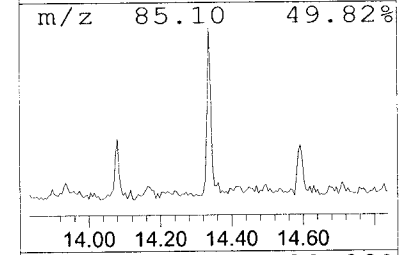
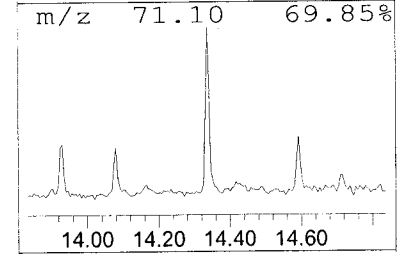
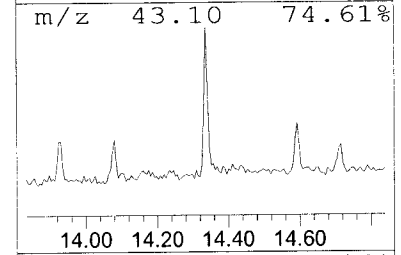
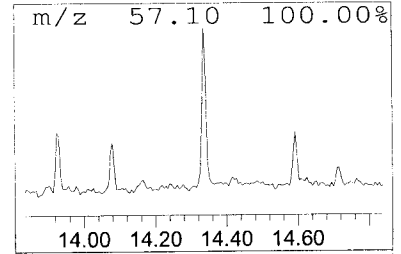
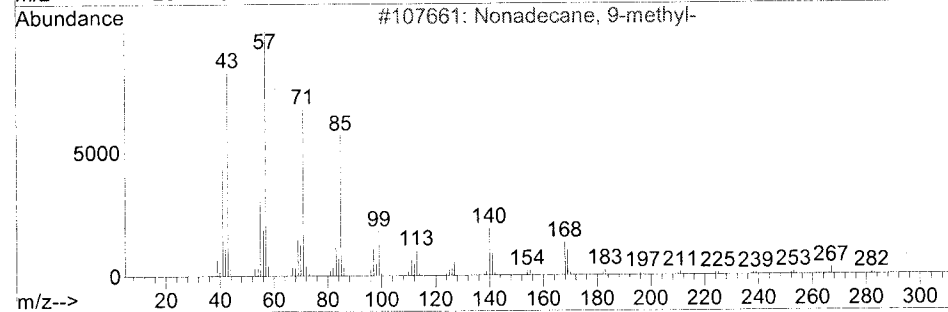
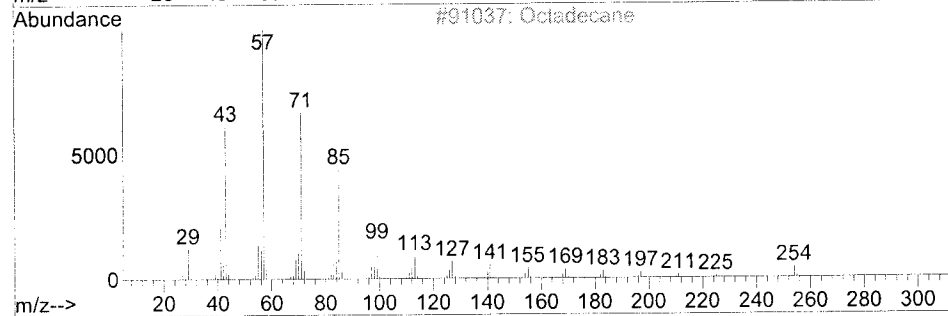
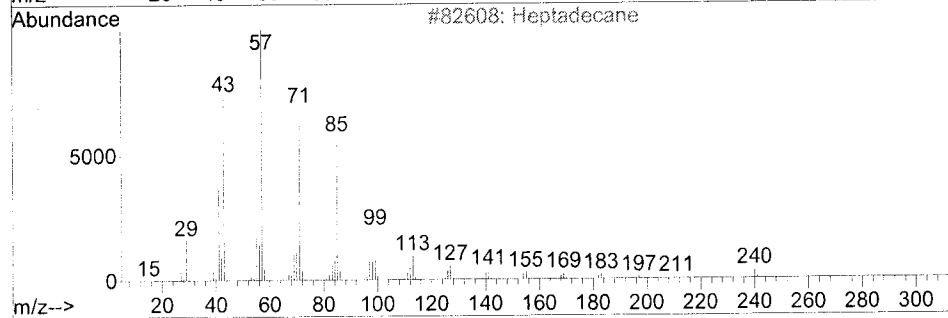
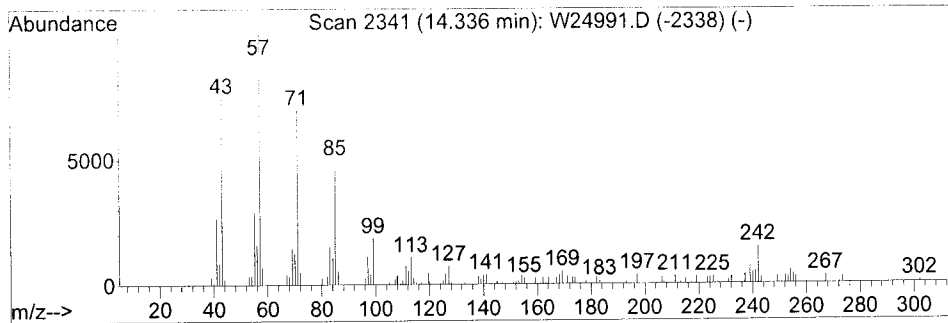
Vial: 17
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.34	9.05 ng	134799	CI70 Chrysene-d12	1191620	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Octadecane	254	C18H38	000593-45-3	90
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	74
4		10-Methylnonadecane	282	C20H42	056862-62-5	74
5		Hexadecane	226	C16H34	000544-76-3	74



Data File : C:\MSDCHEM\1\DATA\071108\W24991.D
 Acq On : 11 Jul 2008 18:09
 Sample : A8798802 DF4 AS80007823
 Misc :
 MS Integration Params: LSCINT.P

Vial: 17
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

TIC Top Hit name	RT	EstConc	Units	Response	#	|--Internal Standard--|		
						RT	Resp	Concl
Heptadecane	14.34	9.0	ng	134799	5	13.94	1191620	80.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802RISample wt/vol: 30.04 (g/mL) G Lab File ID: X25517.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

83-32-9-----	Acenaphthene		840	U
208-96-8-----	Acenaphthylene		270	J
98-86-2-----	Acetophenone		840	U
120-12-7-----	Anthracene		230	J
1912-24-9-----	Atrazine		840	U
100-52-7-----	Benzaldehyde		840	U
56-55-3-----	Benzo (a) anthracene		780	J
205-99-2-----	Benzo (b) fluoranthene		1700	
207-08-9-----	Benzo (k) fluoranthene		570	J
191-24-2-----	Benzo (ghi) perylene		560	J
50-32-8-----	Benzo (a) pyrene		1000	
92-52-4-----	Biphenyl		840	U
111-91-1-----	Bis (2-chloroethoxy) methane		840	U
111-44-4-----	Bis (2-chloroethyl) ether		840	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		840	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		460	J
101-55-3-----	4-Bromophenyl phenyl ether		840	U
85-68-7-----	Butyl benzyl phthalate		840	U
105-60-2-----	Caprolactam		840	U
106-47-8-----	4-Chloroaniline		840	U
59-50-7-----	4-Chloro-3-methylphenol		840	U
91-58-7-----	2-Chloronaphthalene		840	U
95-57-8-----	2-Chlorophenol		840	U
7005-72-3-----	4-Chlorophenyl phenyl ether		840	U
86-74-8-----	Carbazole		92	J
218-01-9-----	Chrysene		1200	B
53-70-3-----	Dibenzo (a, h) anthracene		140	J
132-64-9-----	Dibenzofuran		86	J
84-74-2-----	Di-n-butyl phthalate		840	U
91-94-1-----	3,3'-Dichlorobenzidine		840	U
120-83-2-----	2,4-Dichlorophenol		840	U
84-66-2-----	Diethyl phthalate		840	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802RISample wt/vol: 30.04 (g/mL) G Lab File ID: X25517.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9	2,4-Dimethylphenol	840		U
131-11-3	Dimethyl phthalate	840		U
534-52-1	4,6-Dinitro-2-methylphenol	1600		U
51-28-5	2,4-Dinitrophenol	1600		U
121-14-2	2,4-Dinitrotoluene	840		U
606-20-2	2,6-Dinitrotoluene	840		U
117-84-0	Di-n-octyl phthalate	840		U
206-44-0	Fluoranthene	1400		
86-73-7	Fluorene	36		J
118-74-1	Hexachlorobenzene	840		U
87-68-3	Hexachlorobutadiene	840		U
77-47-4	Hexachlorocyclopentadiene	840		U
67-72-1	Hexachloroethane	840		U
193-39-5	Indeno (1,2,3-cd) pyrene	560		J
78-59-1	Isophorone	840		U
91-57-6	2-Methylnaphthalene	120		BJ
95-48-7	2-Methylphenol	840		U
106-44-5	4-Methylphenol	840		U
91-20-3	Naphthalene	57		J
88-74-4	2-Nitroaniline	1600		U
99-09-2	3-Nitroaniline	1600		U
100-01-6	4-Nitroaniline	1600		U
98-95-3	Nitrobenzene	840		U
88-75-5	2-Nitrophenol	840		U
100-02-7	4-Nitrophenol	1600		U
86-30-6	N-nitrosodiphenylamine	840		U
621-64-7	N-Nitroso-Di-n-propylamine	840		U
87-86-5	Pentachlorophenol	1600		U
85-01-8	Phenanthrene	560		J
108-95-2	Phenol	840		U
129-00-0	Pyrene	1100		
95-95-4	2,4,5-Trichlorophenol	840		U

LABELIA ASSOCIATES
 LABELIA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802RI

Sample wt/vol: 30.04 (g/mL) G Lab File ID: X25517.RR

Level: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008

% Moisture: 19 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 4.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

88-06-2-----	2,4,6-Trichlorophenol	840	U
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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802RISample wt/vol: 30.04 (g/mL) G Lab File ID: X25517.RRLevel: (low/med) LOW Date Samp/Recv: 06/26/2008 07/03/2008% Moisture: 19.4 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 4.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKANE	14.33	1800	J

MS App
+TIC

Data File : D:\DATA\080408\X25517.D
Acq On : 5 Aug 2008 5:42
Sample : A8798802 DF4 AS8007823
Misc :
MS Integration Params: *RI* rteint.p

Vial: 54
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 05 17:10:35 2008 Results File: A8I0548.RES

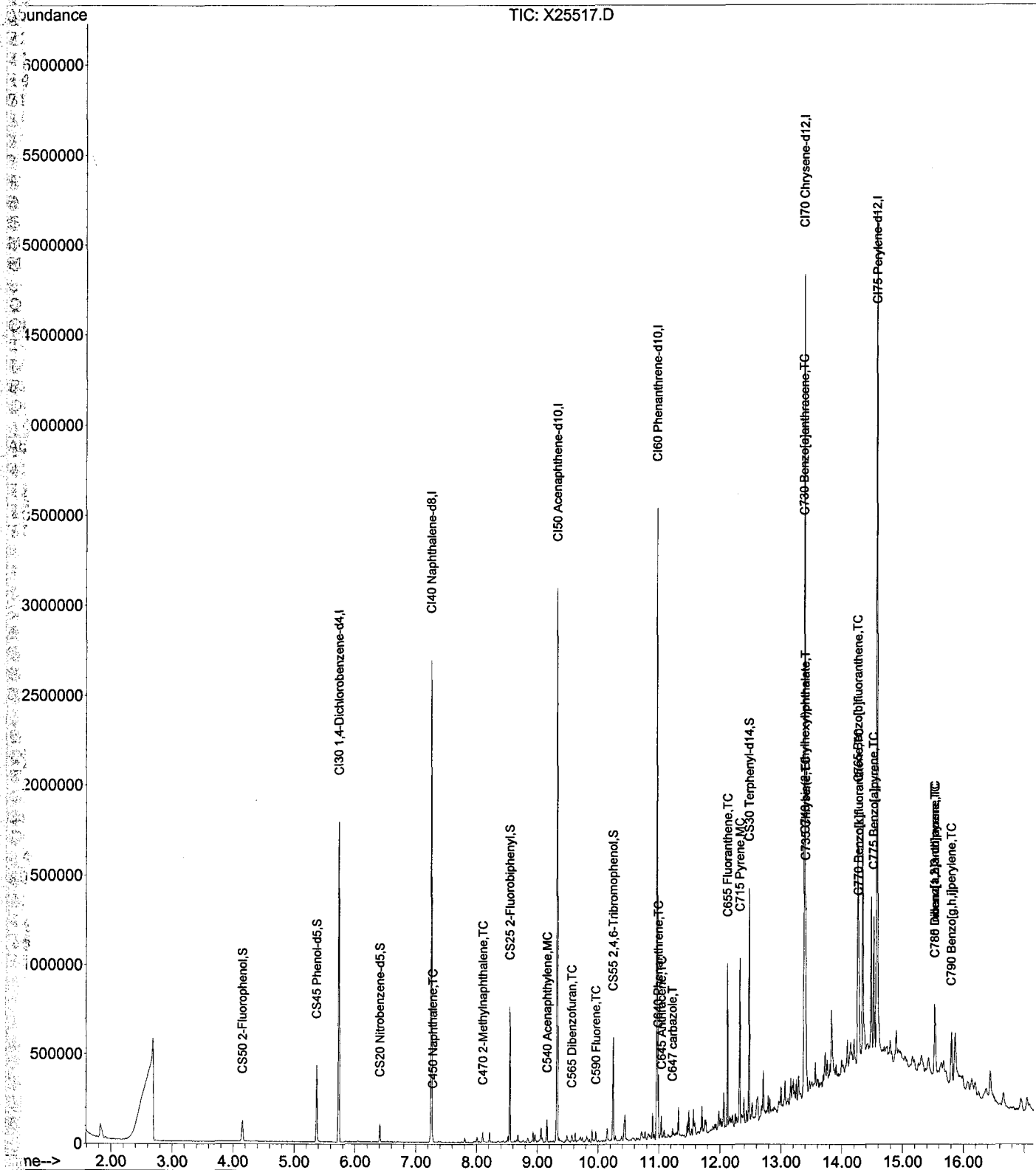
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Tue Aug 05 09:59:01 2008

Response via : Initial Calibration

DataAcq Meth : 8270BP



Data File : D:\DATA\080408\X25517.D
 Acq On : 5 Aug 2008 5:42
 Sample : A8798802 DF4 AS8007823
 Misc :

Vial: 54
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 17:10:35 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	293502	40.00	ng	0.00 74.97%
20) CI40 Naphthalene-d8	7.25	136	1165140	40.00	ng	0.00 78.85%
35) CI50 Acenaphthene-d10	9.32	164	639105	40.00	ng	0.00 83.03%
36) CI60 Phenanthrene-d10	10.96	188	1160090	40.00	ng	0.00 81.80%
48) CI70 Chrysene-d12	13.38	240	1355440	40.00	ng	0.00 96.19%
78) CI75 Perylene-d12	14.57	264	1677562	40.00	ng	0.00 93.46%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.16	112	54390	4.54	ng	0.01
Spiked Amount	150.000	Range	21 - 110	Recovery	=	3.03%#
5) CS45 Phenol-d5	5.37	99	173578	10.60	ng	0.00
Spiked Amount	150.000	Range	10 - 110	Recovery	=	7.07%#
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	6.41	82	32691	2.44	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	2.44%#
39) CS25 2-Fluorobiphenyl	8.54	172	227501	10.16	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	10.16%#
59) CS55 2,4,6-Tribromophenol	10.24	330	54591	19.42	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	12.95%
71) CS30 Terphenyl-d14	12.47	244	315060	9.87	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	9.87%#

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
14) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.		
87) C315 Phenol	5.39	94	176	N.D.		
3) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
9) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
27) C375 Hexachloroethane	0.00	117	0	N.D.		
8) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
89) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	6.25	77	162	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	7.25	122	217	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
25) C425 2,4-Dimethylphenol	7.08	107	379	N.D.		
27) C435 bis(2-Chloroethoxy)	7.26	93	344	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

m 8/11/08

Data File : D:\DATA\080408\X25517.D
 Acq On : 5 Aug 2008 5:42
 Sample : A8798802 DF4 AS8007823
 Misc :

Vial: 54
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Integration Params: rteint.p
 Quant Time: Aug 05 17:10:35 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

Handwritten: S, AJ, 85-08

Internal Standards	R.T.	Q Ion	Response	Conc	Units	Dev (Min) Rcv (Ar)
9) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.		
0) C450 Naphthalene	7.28	128	11234	0.35	ng	92
1) C455 4-Chloroaniline	7.39	127	2072	N.D.		
2) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
3) C465 4-Chloro-3-methylph	0.00	107	0	N.D.		
4) C470 2-Methylnaphthalene	8.10	142	14735	0.71	ng	93
6) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
7) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
8) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
0) C525 2-Chloronaphthalene	0.00	162	0	N.D.		
1) C530 2-Nitroaniline	10.24	65	1038	N.D.		
2) C540 Acenaphthylene	9.16	152	52079	1.64	ng	97
3) C535 Dimethylphthalate	8.99	163	1330	N.D.		
4) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
5) C550 Acenaphthene	9.36	153	2723	N.D.		
5) C545 3-Nitroaniline	0.00	138	0	N.D.		
7) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
3) C565 Dibenzofuran	9.56	168	14377	0.52	ng	92
9) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	d	
0) C560 4-Nitrophenol	0.00	109	0	N.D.	d	
1) C590 Fluorene	9.97	166	4930	0.22	ng	82
2) C585 4-Chlorophenyl-phen	9.62	204	218	N.D.		
3) C580 Diethylphthalate	9.69	149	1132	N.D.		
4) C620 1,2-diphenylhydrazin	10.17	77	253	N.D.		
5) C595 4-Nitroaniline	0.00	138	0	N.D.		
7) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
8) C615 n-Nitrosodiphenylam	10.11	169	2057	N.D.		
0) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
1) C630 Hexachlorobenzene	0.00	284	0	N.D.		
2) C635 Pentachlorophenol	0.00	266	0	N.D.		
3) C640 Phenanthrene	10.99	178	103441	3.40	ng	98
4) C645 Anthracene	11.04	178	43586	1.40	ng	99
5) C647 carbazole	11.22	167	17606	0.56	ng	90
6) C650 Di-n-butylphthalate	11.64	149	172	N.D.		
7) C655 Fluoranthene	12.12	202	286275	8.36	ng	97
8) C715 Pyrene	12.32	202	295177	6.56	ng	93
0) C710 benzidine	0.00	184	0	N.D.	d	
2) C720 Butylbenzylphthalat	0.00	149	0	N.D.		
3) C725 3,3'-Dichlorobenzid	13.60	252	905	N.D.		
4) C730 Benzo[a]anthracene	13.37	228	191640	4.71	ng	89
5) C735 Chrysene	13.40	228	303958	7.49	ng	99
6) C740 bis(2-Ethylhexyl)phth	13.40	149	76677	2.79	ng	91
7) C760 Di-n-octylphthalate	0.00	149	0	N.D.	d	
9) C765 Benzo[b]fluoranthene	14.26	252	550464m	10.45	ng	98
0) C770 Benzo[k]fluoranthene	14.27	252	203365m	3.47	ng	99
1) C775 Benzo[a]pyrene	14.52	252	291561	6.09	ng	95
2) C780 Indeno[1,2,3-cd]pyren	15.52	276	200809	3.39	ng	95
3) C785 Dibenz[a,h]anthracene	15.53	278	43037	0.87	ng	99
4) C790 Benzo[g,h,i]perylene	15.80	276	178806	3.40	ng	95

Handwritten signature: m...

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\080408\X25517.D
 Acq On : 5 Aug 2008 5:42
 Sample : A8798802 DF4 AS8007823
 Misc :

Vial: 54
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 17:51:36 2008

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Tue Aug 05 17:50:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

Handwritten: 512
 5/20/08 5/10/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	293502	40.00	ng	0.00 118.18%
4) CI40 Naphthalene-d8	7.25	136	1165140	40.00	ng	0.00 130.83%
7) CI50 Acenaphthene-d8	9.32	164	639105	40.00	ng	0.00 150.33%
10) CI60 Phenanthrene-d10	10.96	188	1160090	40.00	ng	0.00 187.08%
12) CI70 Chrysene-d12	13.38	240	1355440	40.00	ng	0.00 213.18%
13) CI75 Perylene-d12	14.57	264	1677562	40.00	ng	0.00 218.46%
Target Compounds						Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	7.81	113	635	4.86	ng	# 72
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.66	154	3154	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

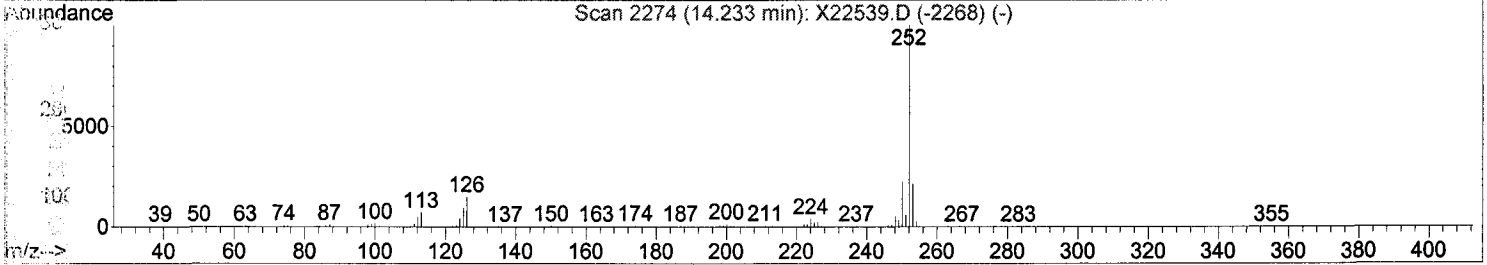
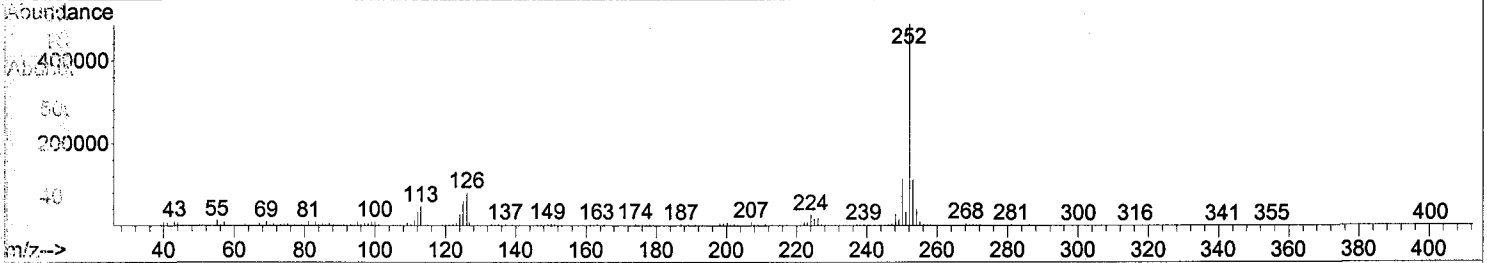
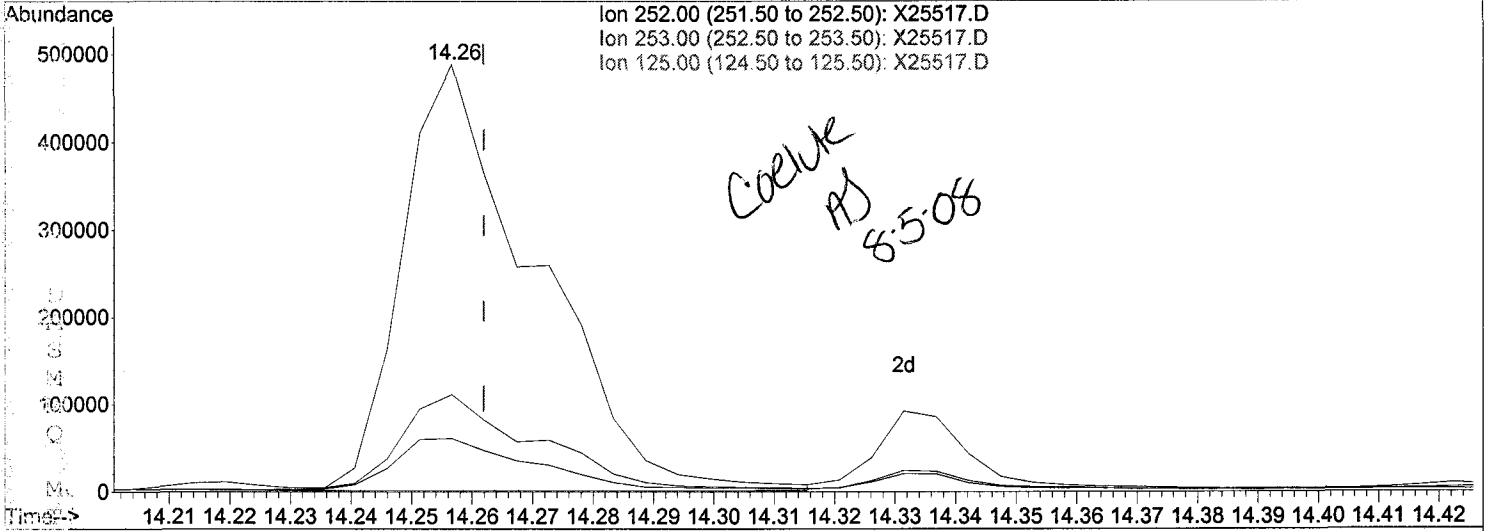
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Handwritten signature: m/8/08

Data File : D:\DATA\080408\X25517.D
Acq On : 5 Aug 2008 5:42
Sample : A8798802 DF4 AS8007823
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 05 10:03:36 2008

Vial: 54
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25517.D

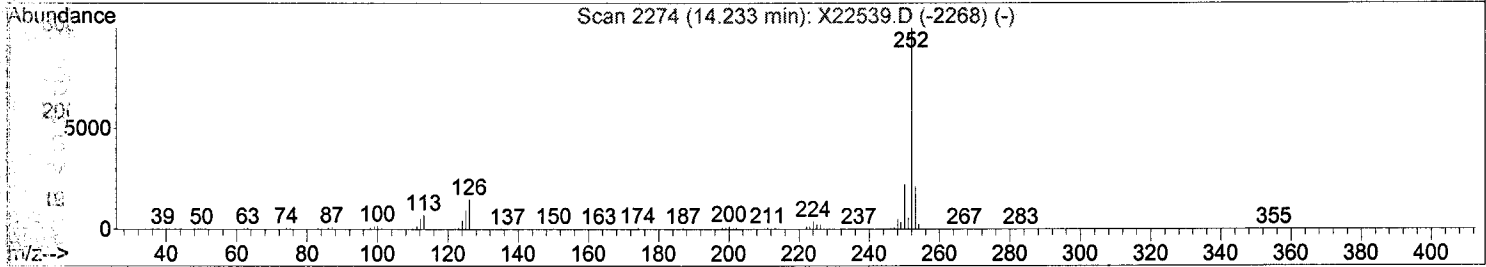
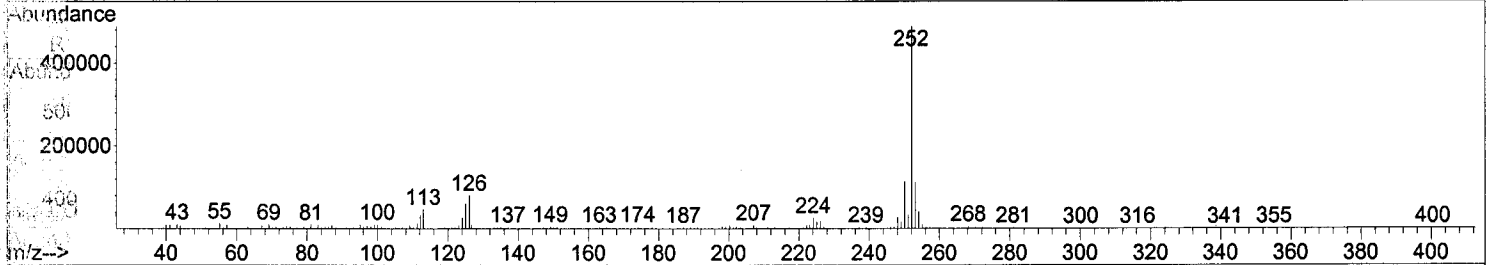
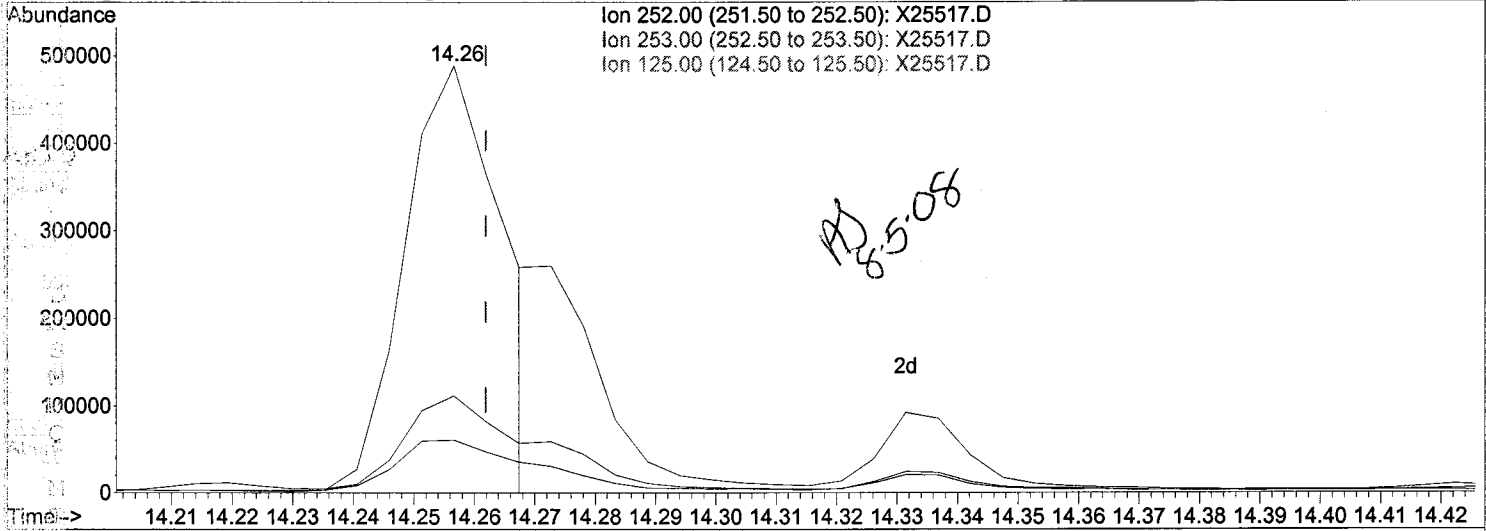
Time	Abund	(79) C765 Benzo[b]fluoranthene (TC)
14.26min (-0.005)	14.15ng	
	response 745399	
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	22.05
125.00	11.00	11.86
0.00	0.00	0.00

Handwritten signature: *RAJ 8/6/08*

Data File : D:\DATA\080408\X25517.D
Acq On : 5 Aug 2008 5:42
Sample : A8798802 DF4 AS8007823
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 05 10:03:36 2008

Vial: 54
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25517.D

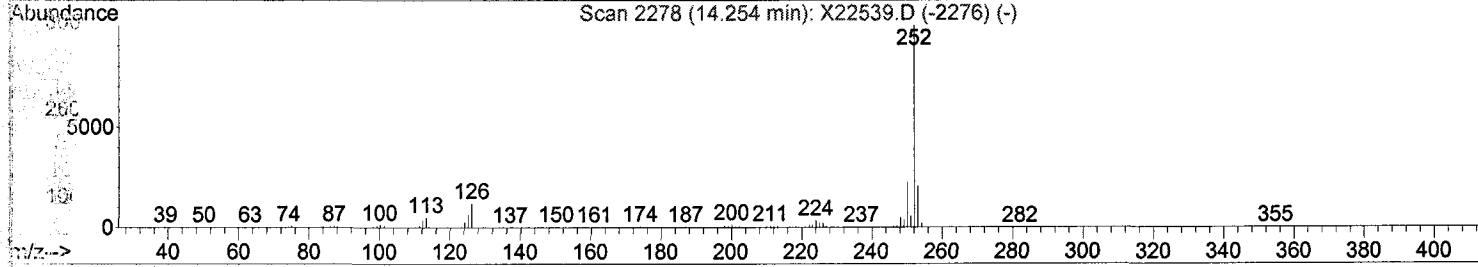
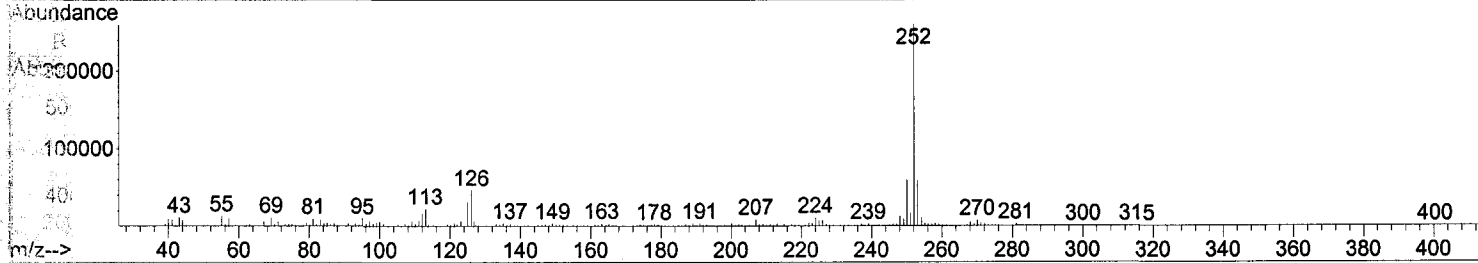
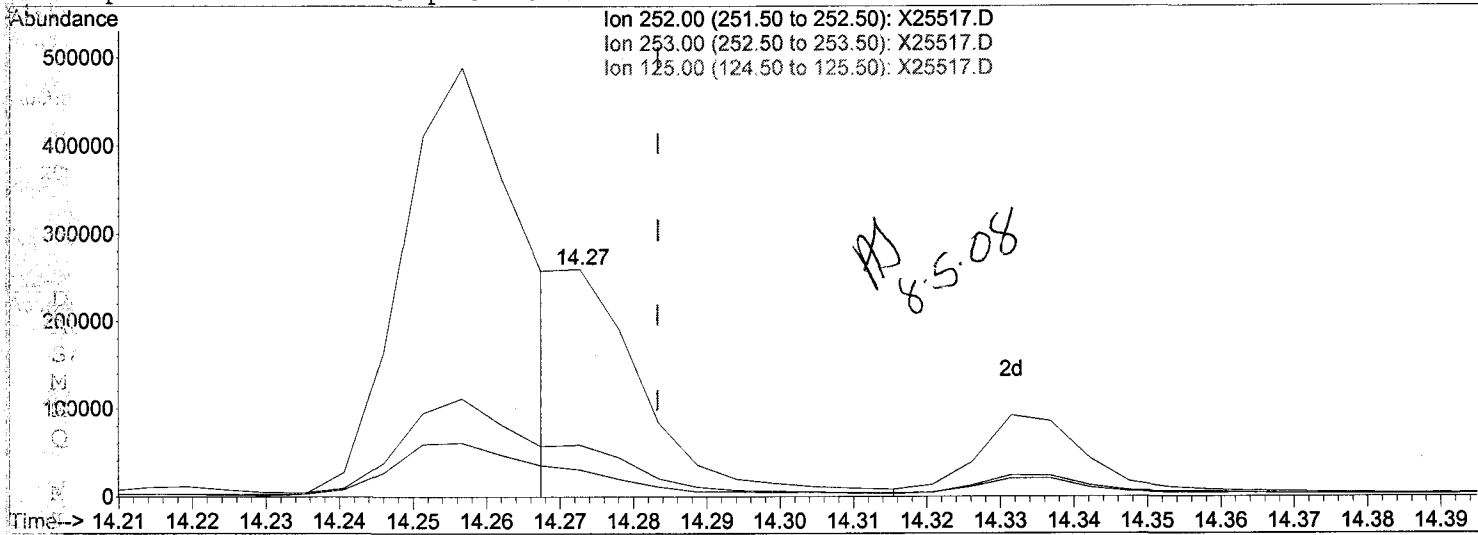
Time	Abundance	(79) C765 Benzo[b]fluoranthene (TC)
14.26min (-0.005)	10.45ng m	
	response 550464	
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	22.85
125.00	11.00	12.46
0.00	0.00	0.00

Handwritten note: 'AJ 8/5/08' in the bottom right corner of the table area.

Data File : D:\DATA\080408\X25517.D
Acq On : 5 Aug 2008 5:42
Sample : A8798802 DF4 AS8007823
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 05 10:03:36 2008

Vial: 54
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

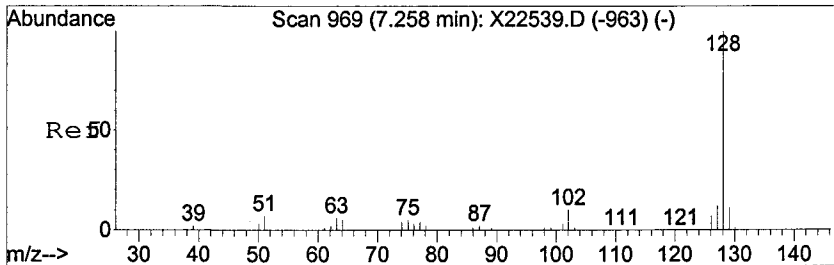
Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25517.D

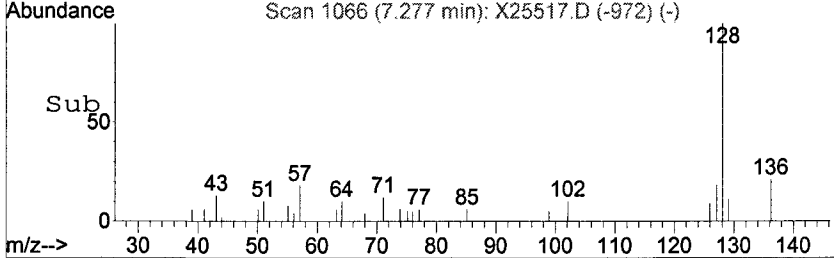
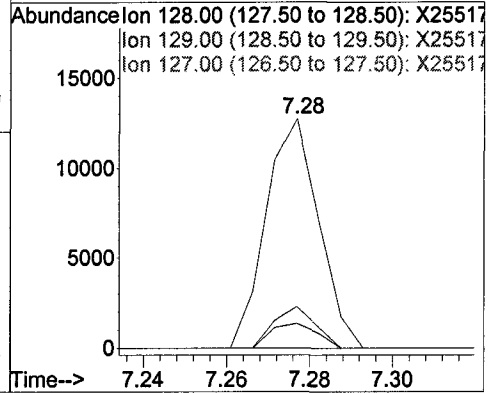
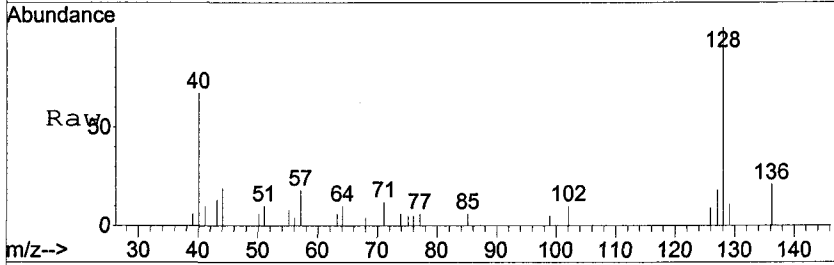
Time	Abund
(80) C770 Benzo[k]fluoranthene (TC)	
14.27min (-0.011) 3.47ng m	
response 203365	
Ion	Exp% Act%
252.00	100 100
253.00	21.50 22.72
125.00	11.50 11.83
0.00	0.00 0.00

Handwritten signature 'AJ 8/5/08' is present in the bottom right corner of the table area.



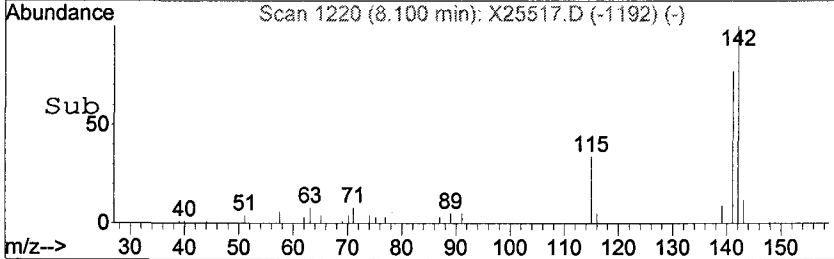
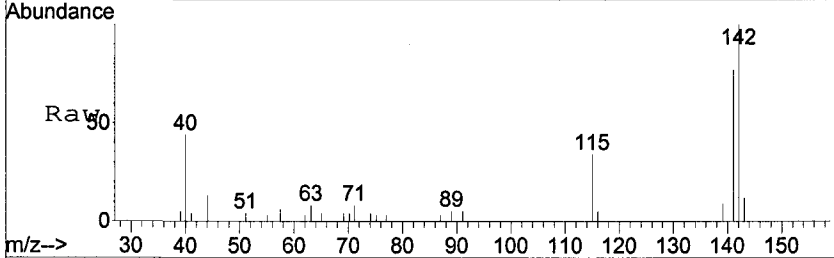
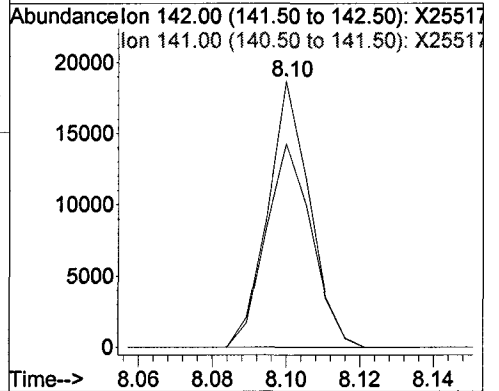
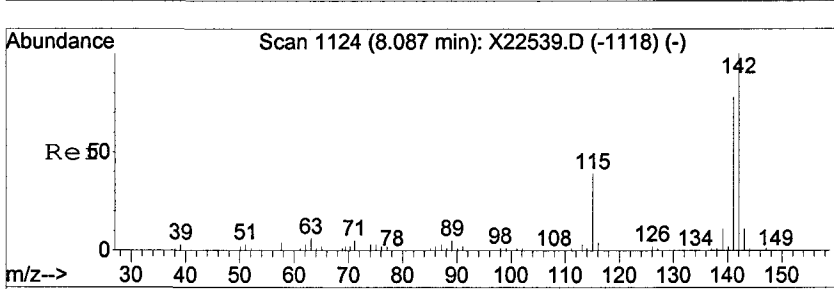
#30
 C450 Naphthalene
 Concen: 0.35 ng
 RT: 7.28 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

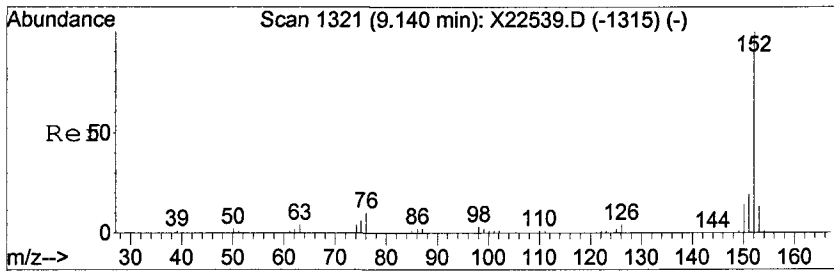
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	0.0	31.0
127	18.1	0.0	32.6



#34
 C470 2-Methylnaphthalene
 Concen: 0.71 ng
 RT: 8.10 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

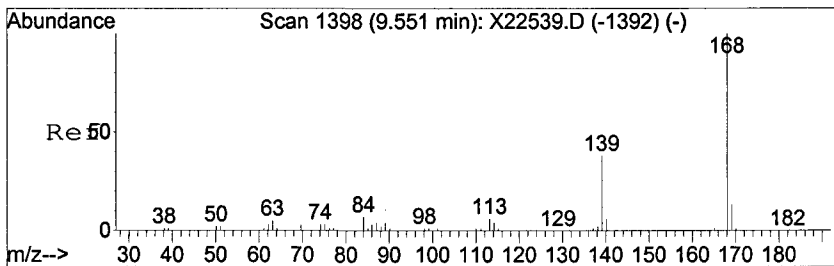
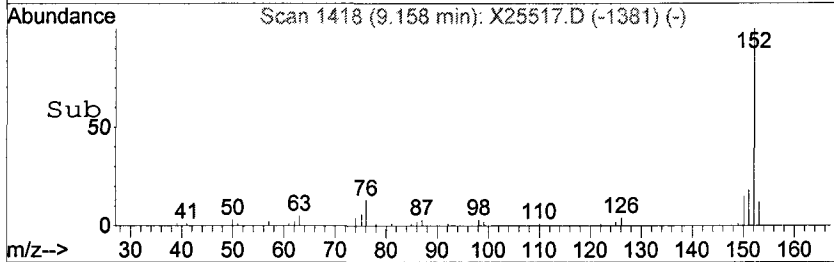
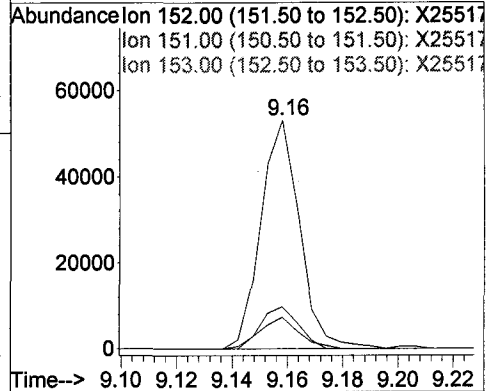
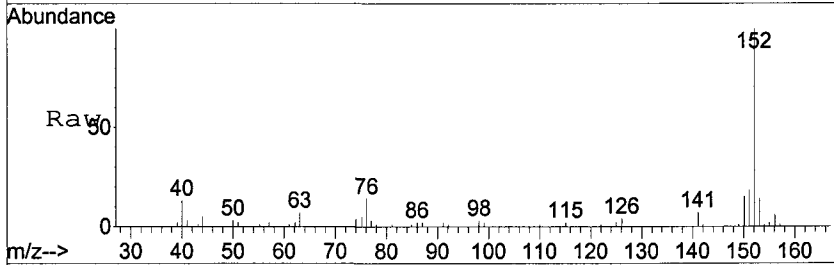
Tgt Ion	Ratio	Lower	Upper
142	100		
141	76.6	63.2	103.2





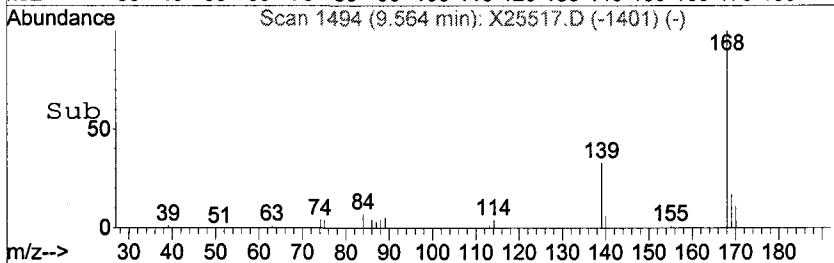
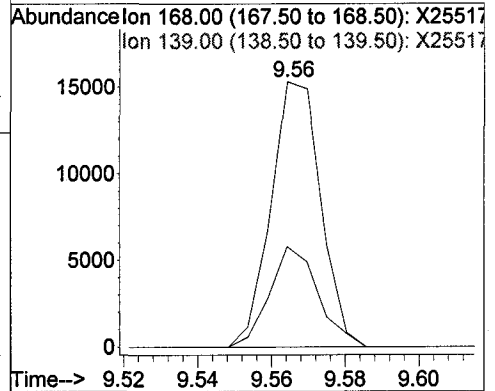
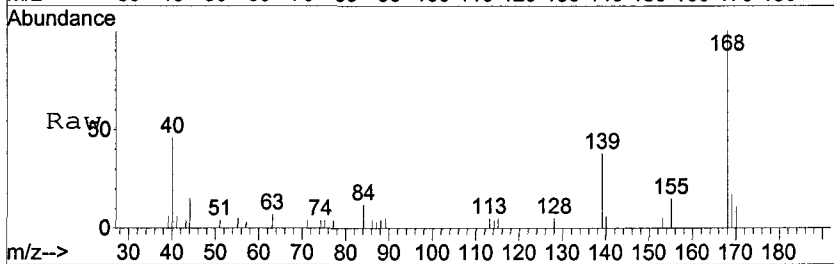
#42
 C540 Acenaphthylene
 Concen: 1.64 ng
 RT: 9.16 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

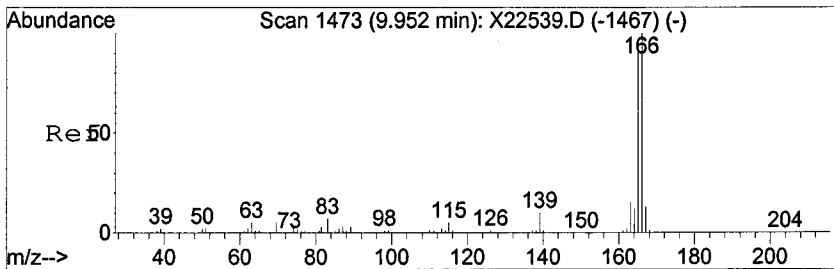
Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.5	0.0	37.5
153	13.9	0.0	32.4



#48
 C565 Dibenzofuran
 Concen: 0.52 ng
 RT: 9.56 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

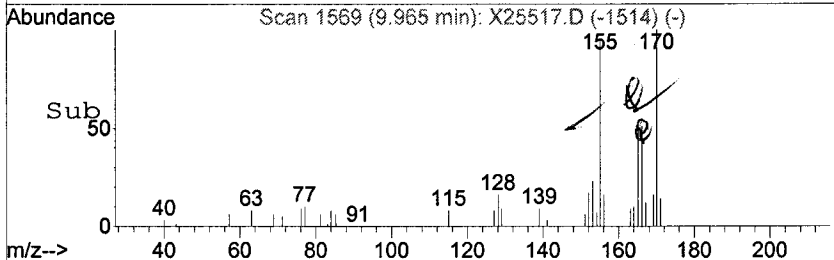
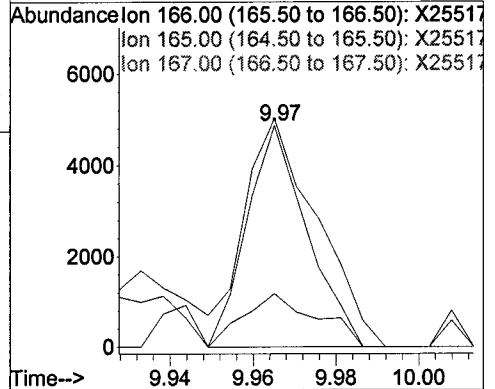
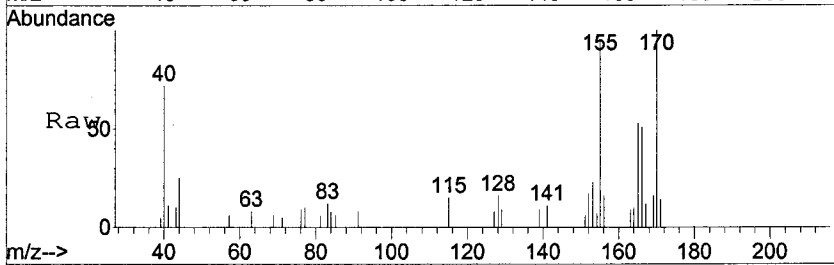
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	13.4	53.4





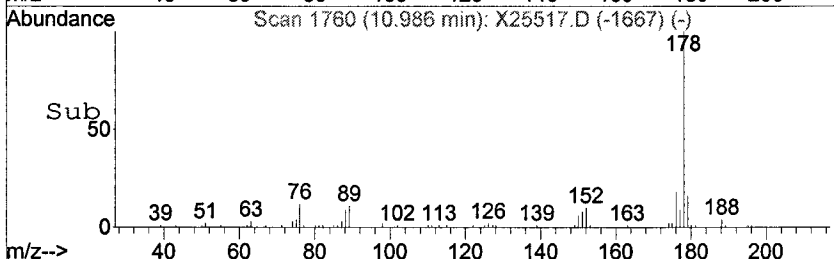
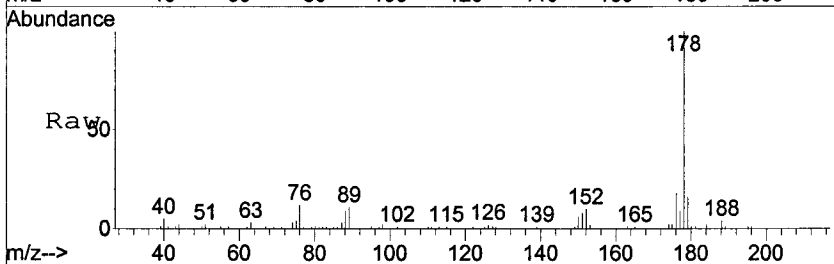
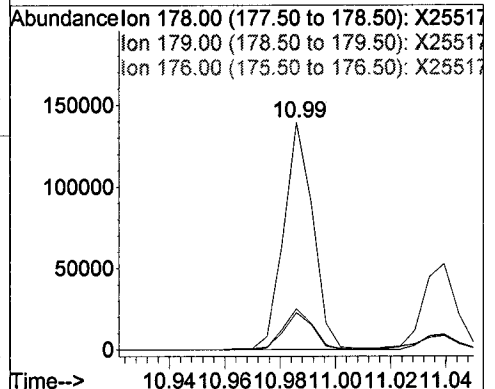
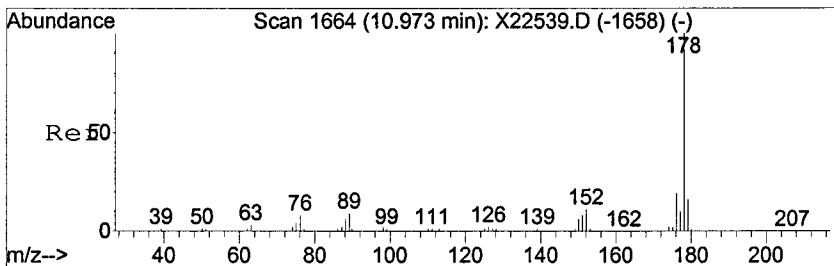
#51
 C590 Fluorene
 Concen: 0.22 ng
 RT: 9.97 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

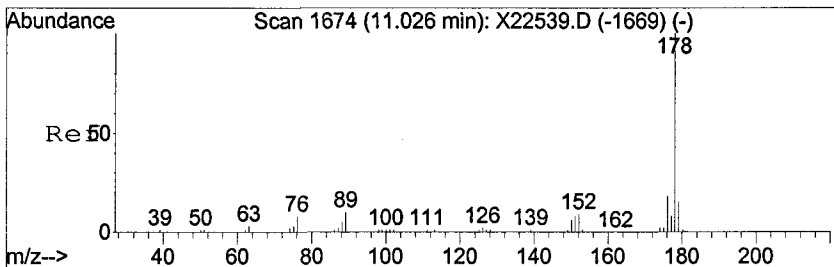
Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.3	67.6	107.6
167	24.3	0.0	33.3



#63
 C640 Phenanthrene
 Concen: 3.40 ng
 RT: 10.99 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

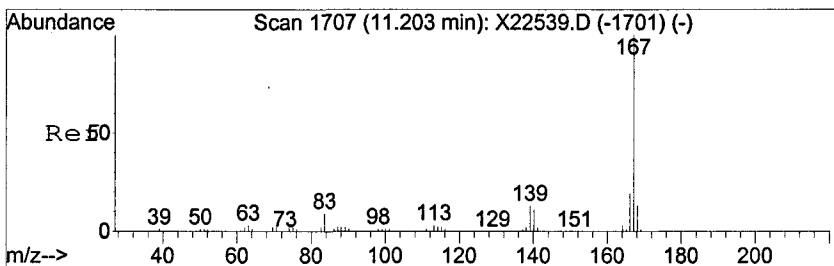
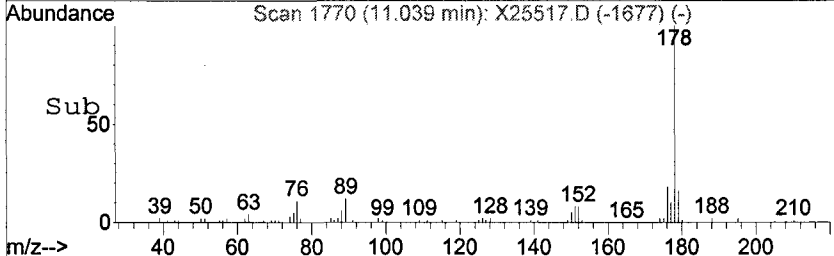
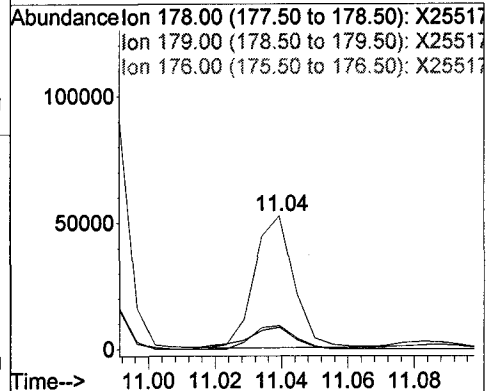
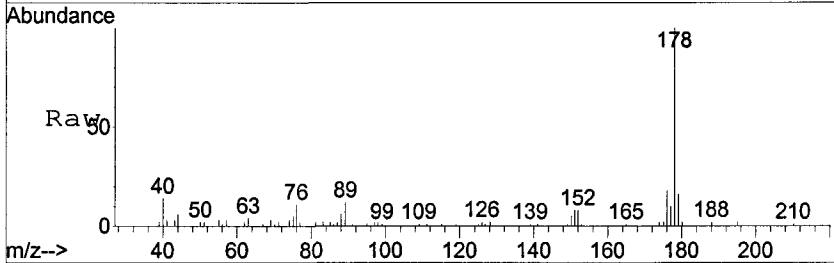
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	0.0	35.2
176	18.0	0.0	38.7





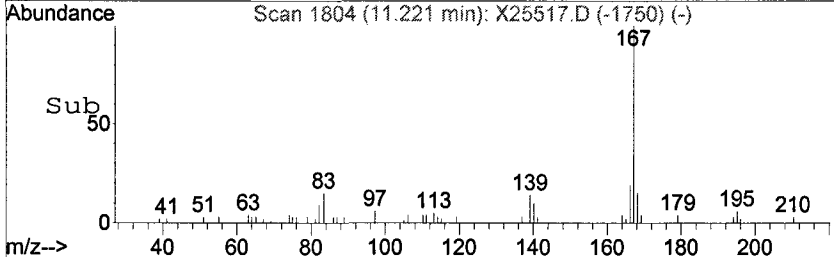
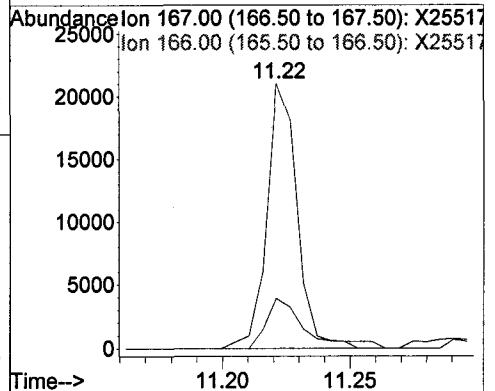
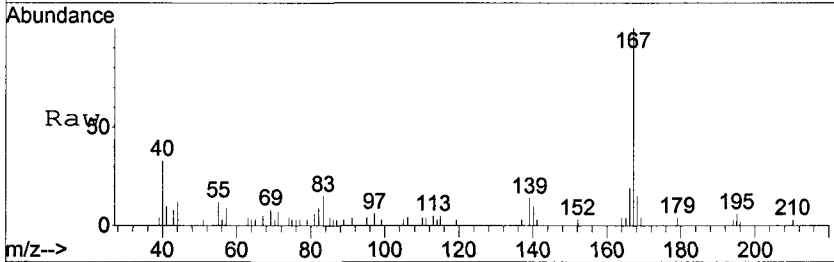
#64
C645 Anthracene
Concen: 1.40 ng
RT: 11.04 min Scan# 1770
Delta R.T. -0.01 min
Lab File: X25517.D
Acq: 5 Aug 2008 5:42

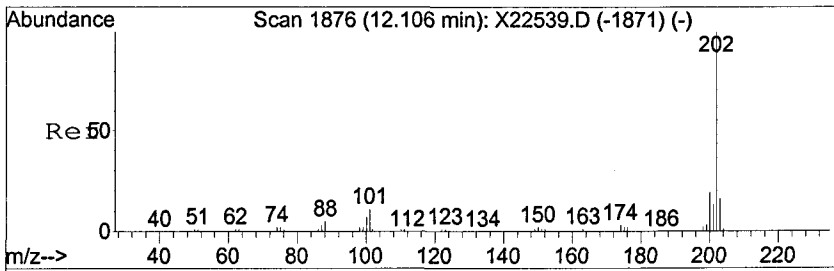
Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.9	0.0	35.2
176	18.0	0.0	38.0



#65
C647 carbazole
Concen: 0.56 ng
RT: 11.22 min Scan# 1804
Delta R.T. -0.01 min
Lab File: X25517.D
Acq: 5 Aug 2008 5:42

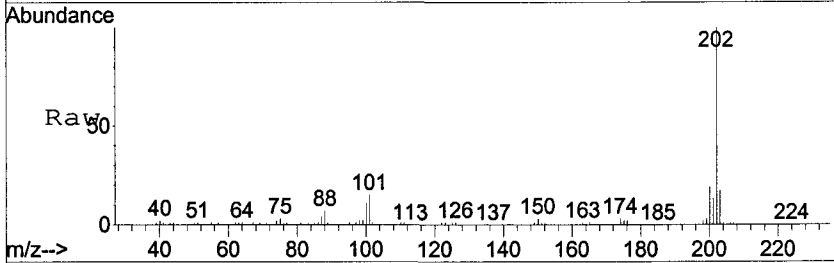
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	0.0	37.5



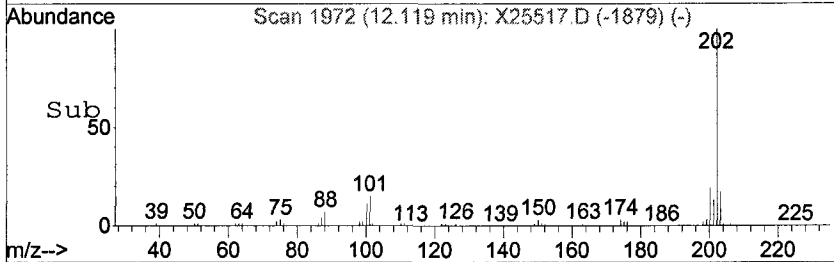
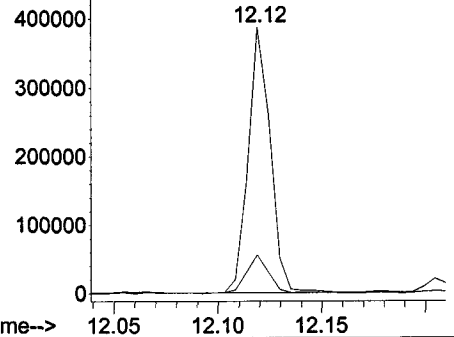


#67
 C655 Fluoranthene
 Concen: 8.36 ng
 RT: 12.12 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

Tgt Ion: 202 Resp: 286275
 Ion Ratio Lower Upper
 202 100
 101 14.5 0.0 35.8

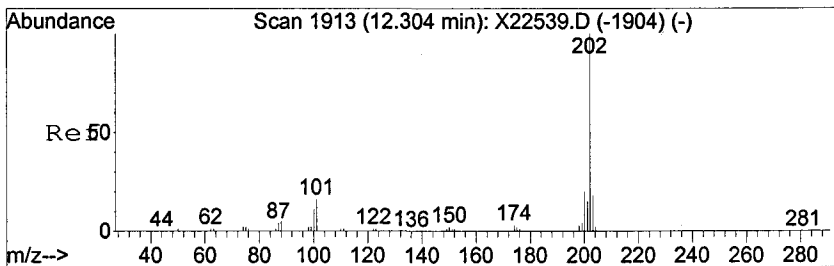


Abundance Ion 202.00 (201.50 to 202.50): X25517
 Ion 101.00 (100.50 to 101.50): X25517

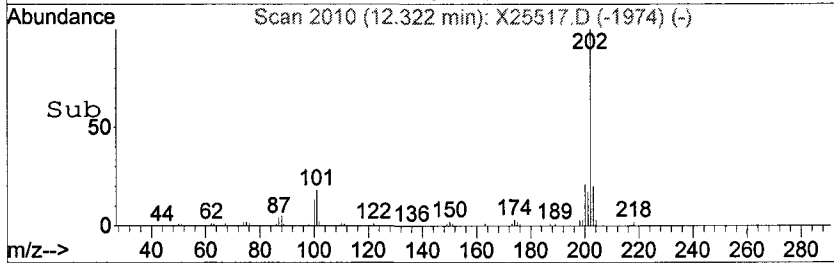
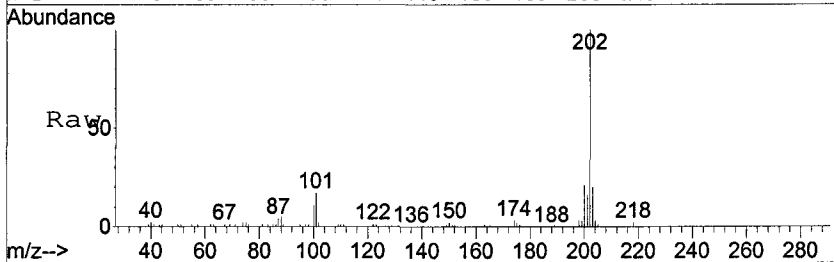
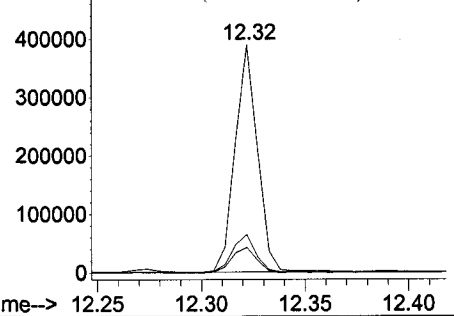


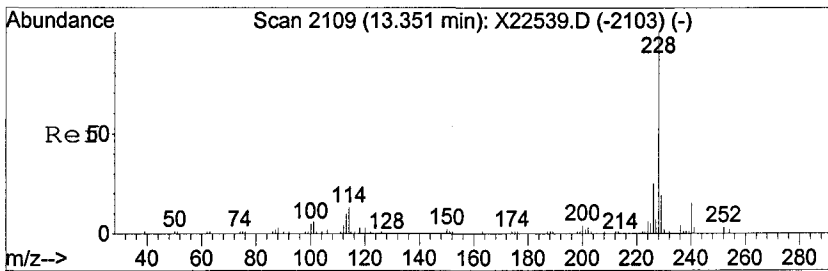
#69
 C715 Pyrene
 Concen: 6.56 ng
 RT: 12.32 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

Tgt Ion: 202 Resp: 295177
 Ion Ratio Lower Upper
 202 100
 101 16.5 0.0 39.0
 100 11.1 0.0 34.4



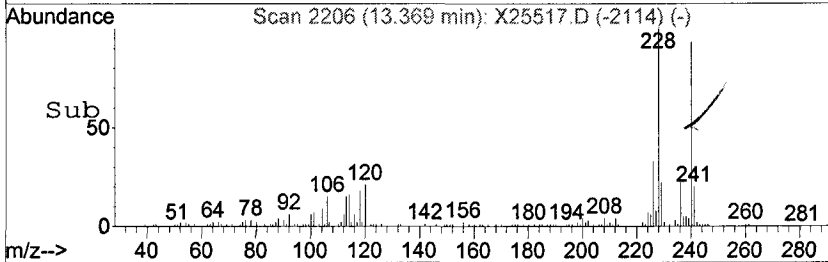
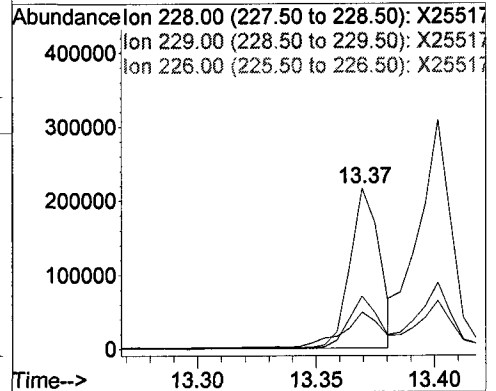
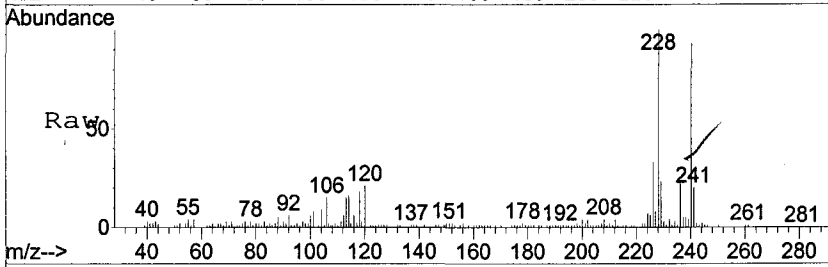
Abundance Ion 202.00 (201.50 to 202.50): X25517
 Ion 101.00 (100.50 to 101.50): X25517
 Ion 100.00 (99.50 to 100.50): X25517





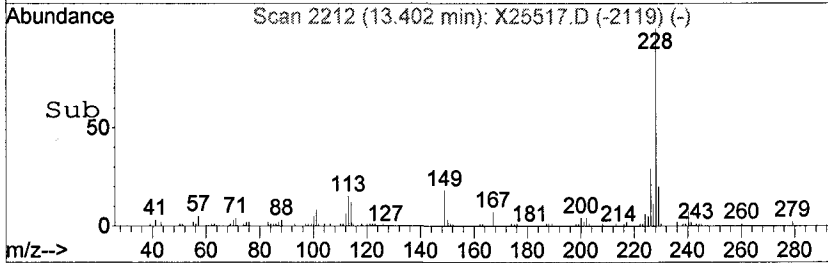
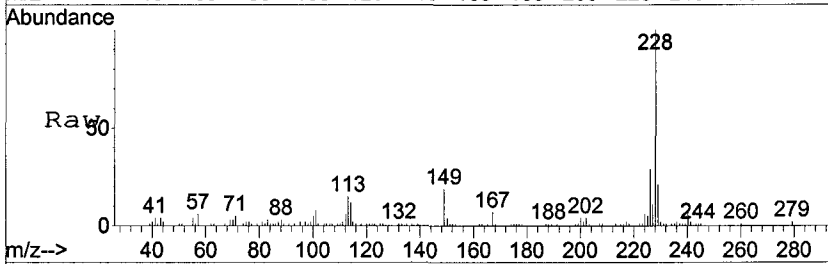
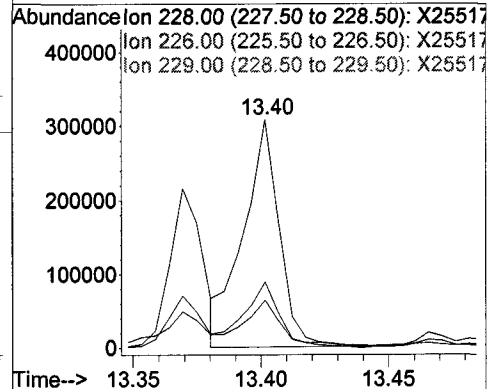
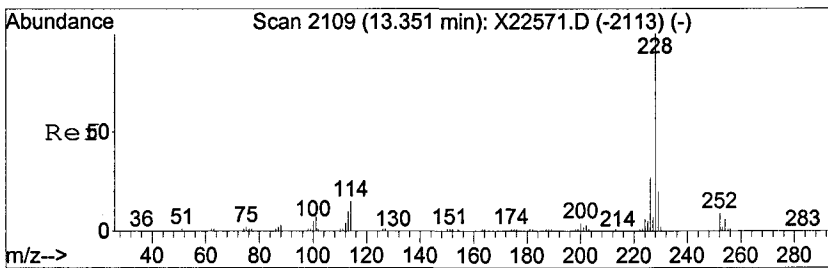
#74
 C730 Benzo[a]anthracene
 Concen: 4.71 ng
 RT: 13.37 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

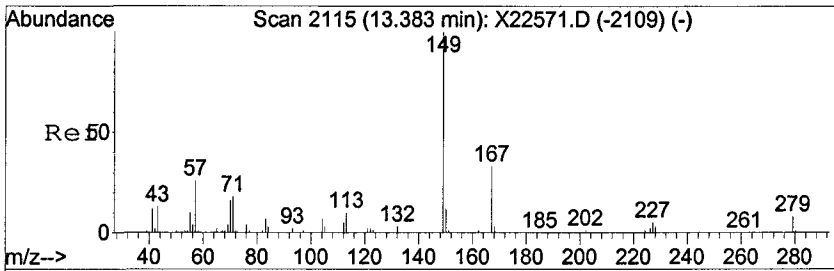
Tgt Ion	Resp	Lower	Upper
228	191640		
229	21.9	0.0	39.2
226	32.6	5.5	45.5



#75
 C735 Chrysene
 Concen: 7.49 ng
 RT: 13.40 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

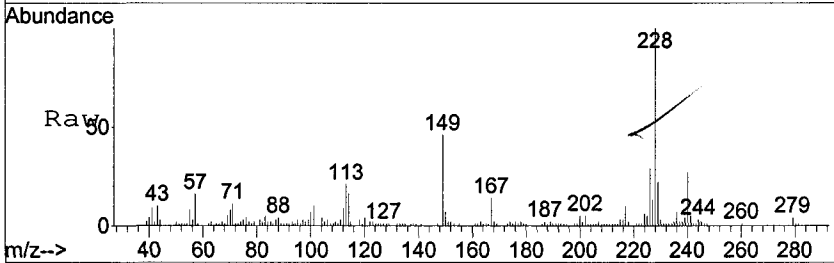
Tgt Ion	Resp	Lower	Upper
228	303958		
226	28.7	8.5	48.5
229	19.9	0.0	39.5



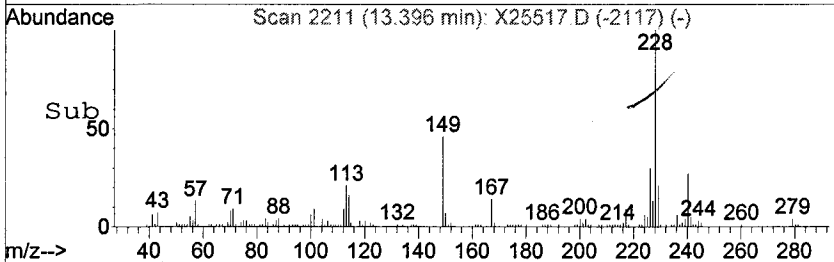
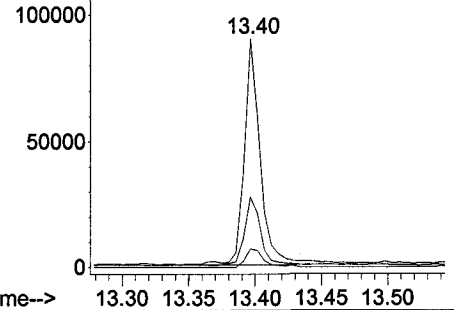


#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 2.79 ng
 RT: 13.40 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

Tgt Ion	Resp	Lower	Upper
149	76677	100	
167	30.5	16.2	56.2
279	8.3	0.0	31.4

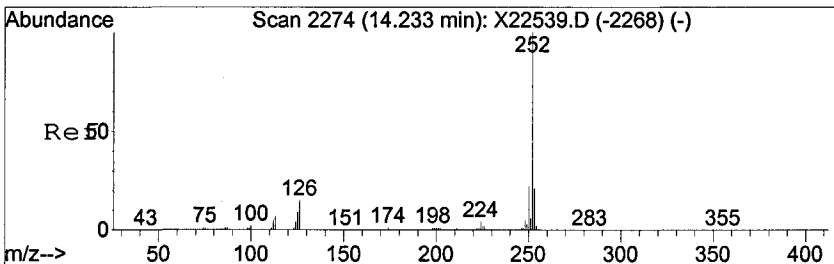


Abundance Ion 149.00 (148.50 to 149.50): X25517
 Ion 167.00 (166.50 to 167.50): X25517
 Ion 279.00 (278.50 to 279.50): X25517

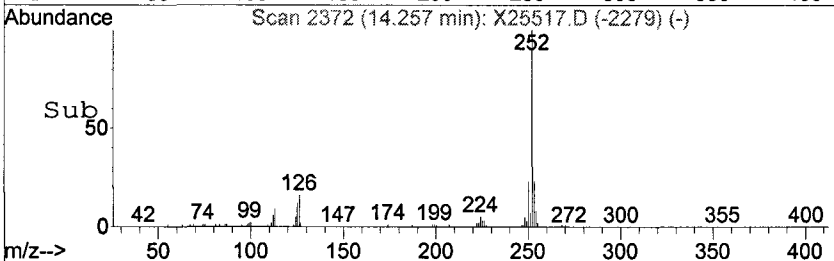
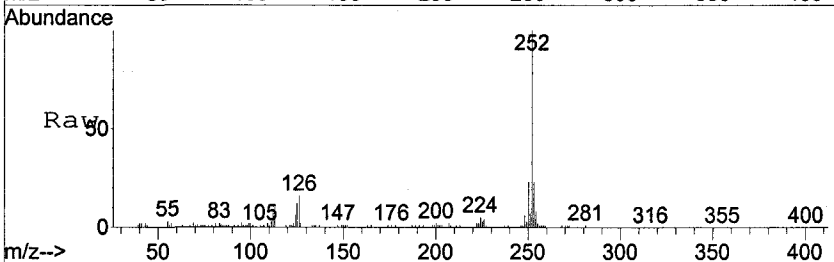
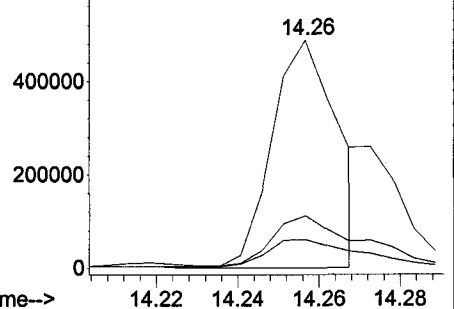


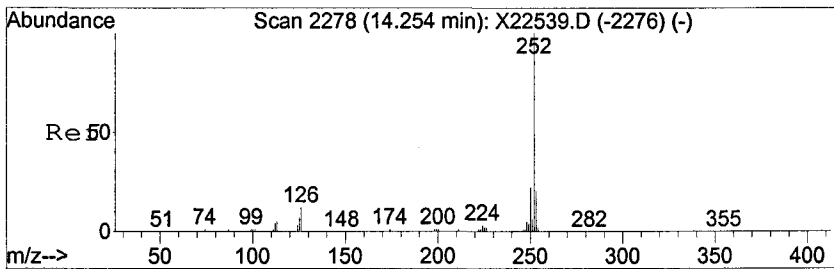
#79
 C765 Benzo[b]fluoranthene
 Concen: 10.45 ng m
 RT: 14.26 min Scan# 2372
 Delta R.T. -0.01 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

Tgt Ion	Resp	Lower	Upper
252	550464	100	
253	22.8	1.1	41.1
125	12.5	0.0	31.0



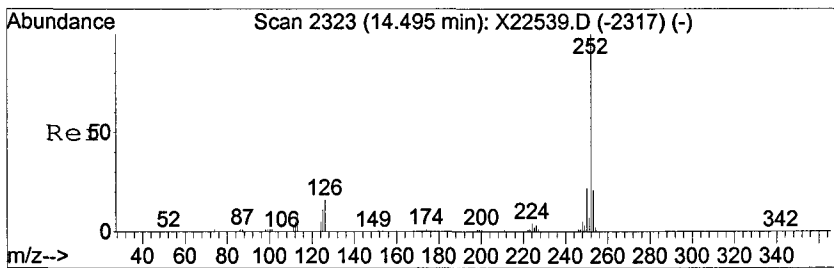
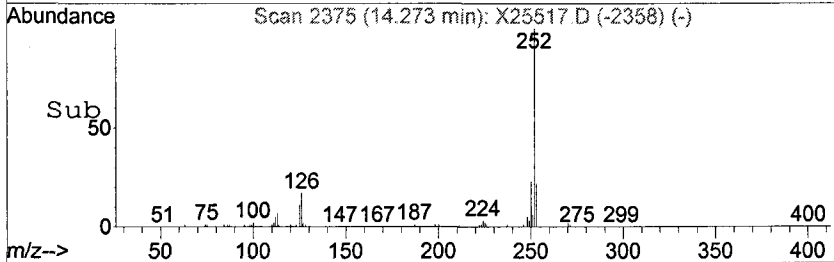
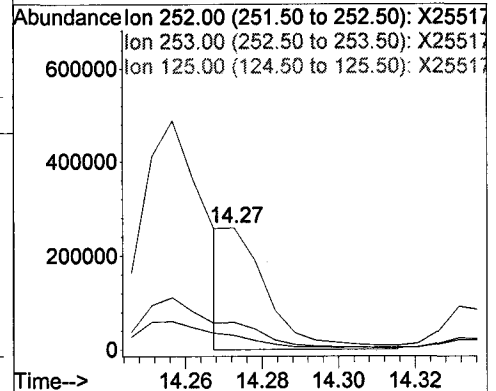
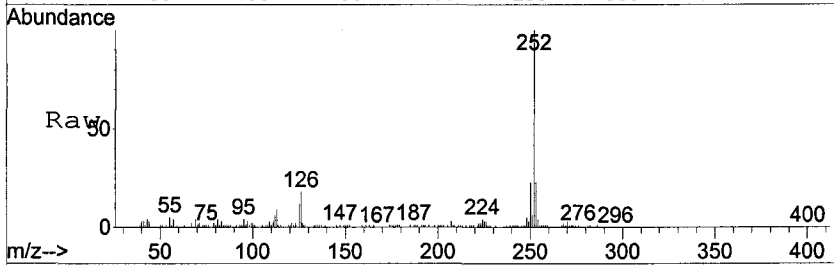
Abundance Ion 252.00 (251.50 to 252.50): X25517
 Ion 253.00 (252.50 to 253.50): X25517
 Ion 125.00 (124.50 to 125.50): X25517





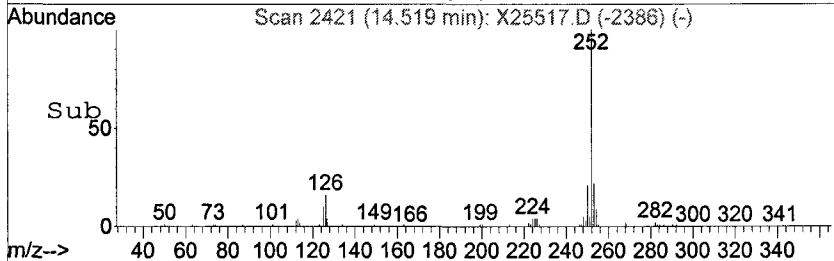
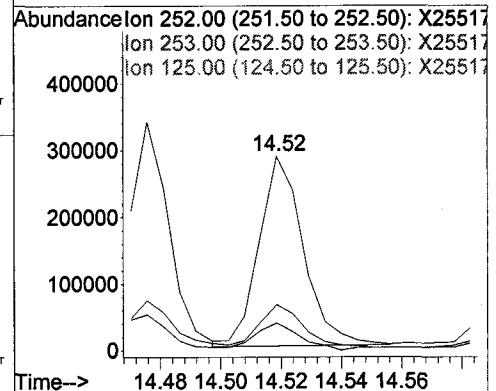
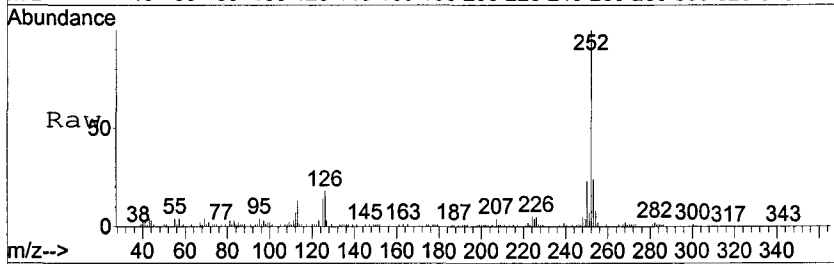
#80
 C770 Benzo[k]fluoranthene
 Concen: 3.47 ng m
 RT: 14.27 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

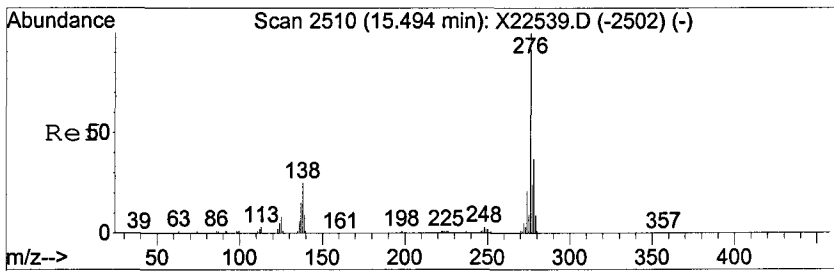
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	1.5	41.5
125	11.8	0.0	31.5



#81
 C775 Benzo[a]pyrene
 Concen: 6.09 ng
 RT: 14.52 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

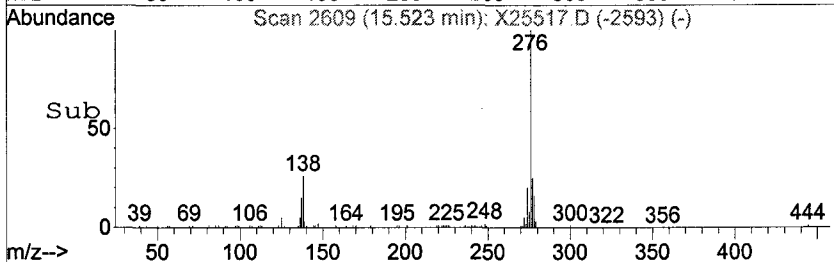
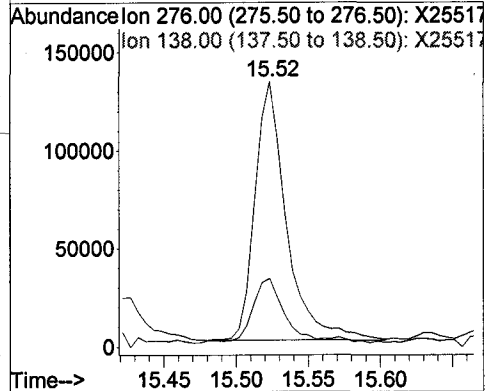
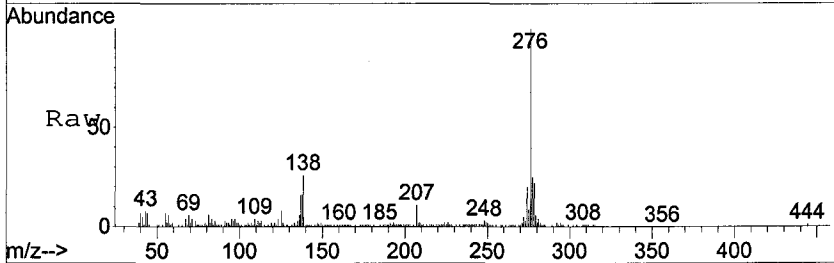
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	1.4	41.4
125	13.1	0.0	29.7





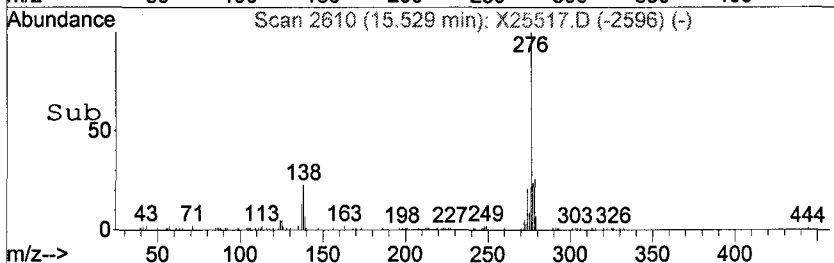
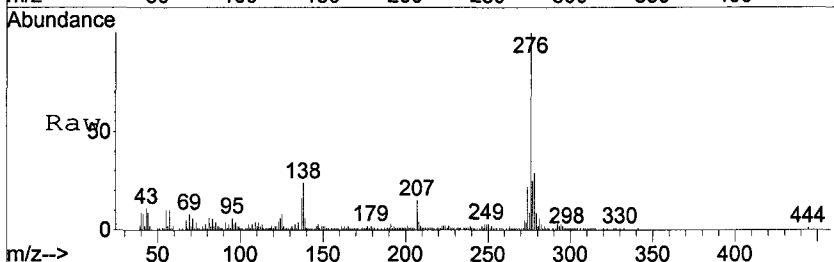
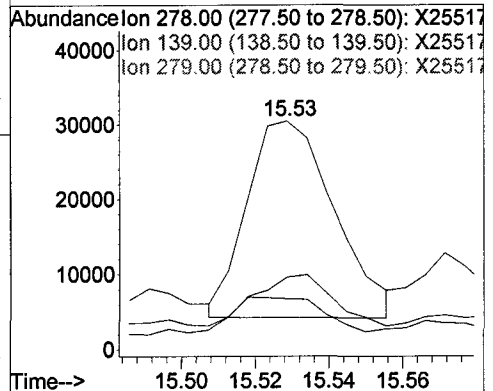
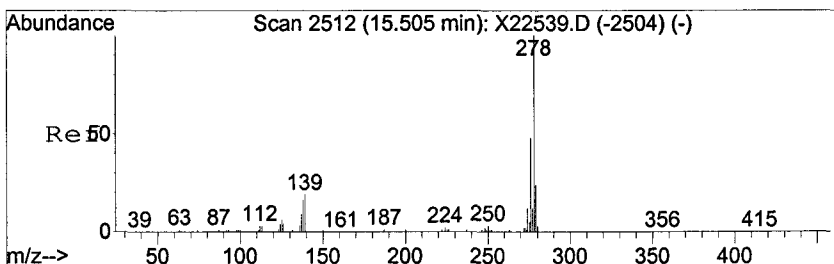
#82
 C780 Indeno[1,2,3-cd]pyrene
 Concen: 3.39 ng
 RT: 15.52 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

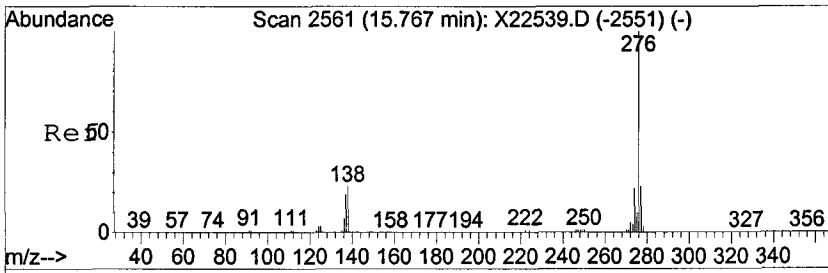
Tgt Ion: 276	Resp: 200809
Ion Ratio Lower	Upper
276 100	
138 24.7	7.2 47.2



#83
 C785 Dibenz[a,h]anthracene
 Concen: 0.87 ng
 RT: 15.53 min Scan# 2610
 Delta R.T. -0.03 min
 Lab File: X25517.D
 Acq: 5 Aug 2008 5:42

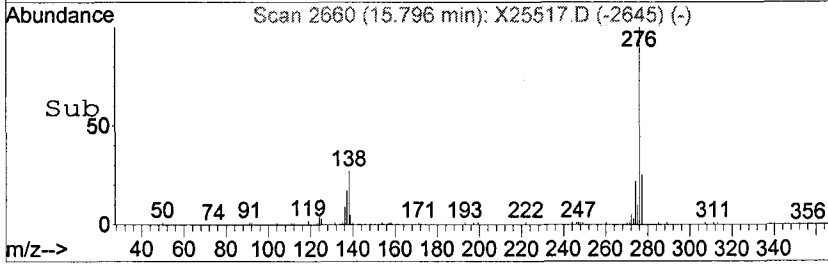
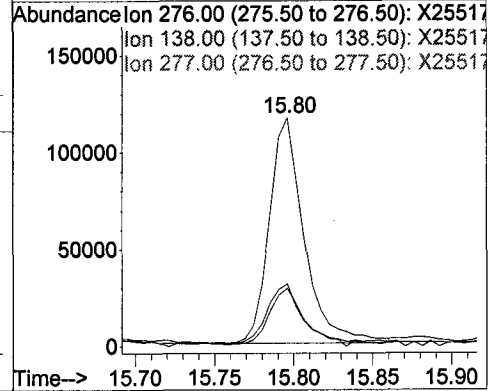
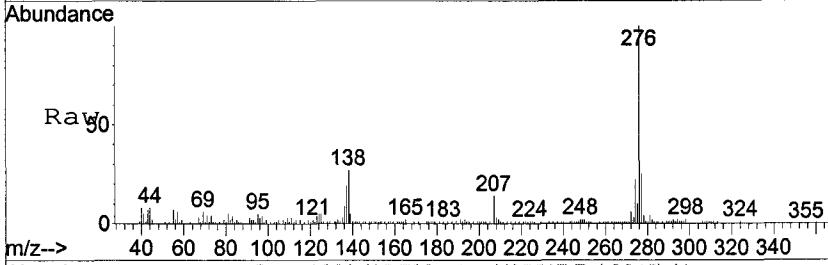
Tgt Ion: 278	Resp: 43037
Ion Ratio Lower	Upper
278 100	
139 17.0	0.0 36.6
279 26.4	6.6 46.6





#84
C790 Benzo[g,h,i]perylene
Concen: 3.40 ng
RT: 15.80 min Scan# 2660
Delta R.T. -0.02 min
Lab File: X25517.D
Acq: 5 Aug 2008 5:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	178806		
138	26.1		3.0	43.0
277	24.4		2.2	42.2



Data Path : D:\DATA\080408\
 Data File : X25517.D
 Acq On : 5 Aug 2008 5:42
 Operator : AJ
 Sample : A8798802 DF4 AS8007823
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

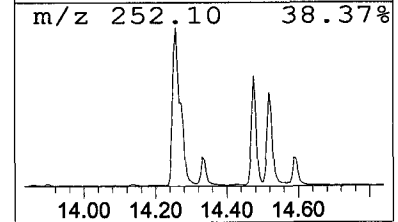
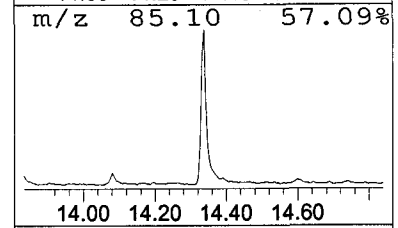
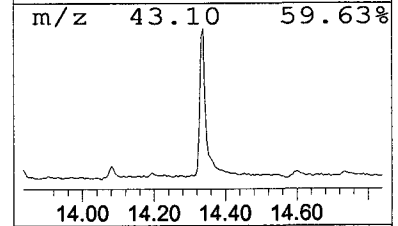
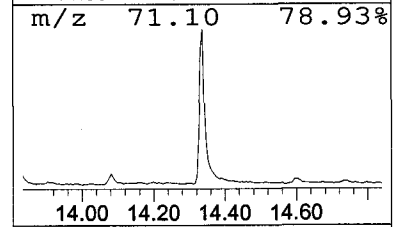
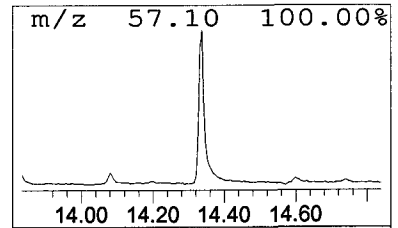
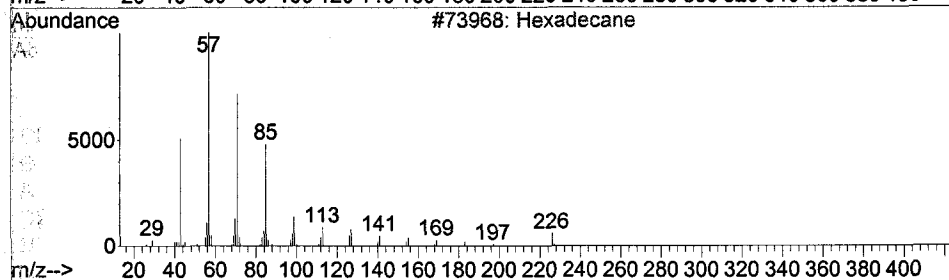
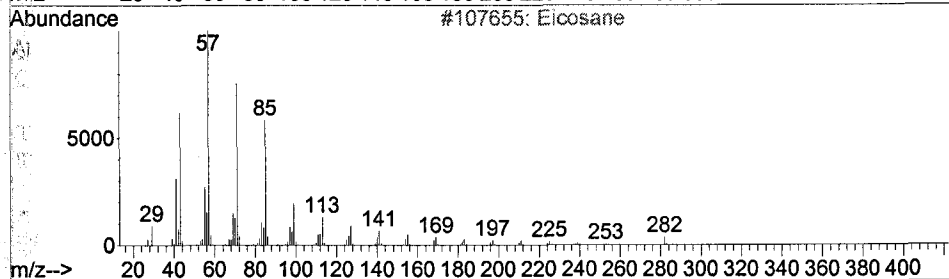
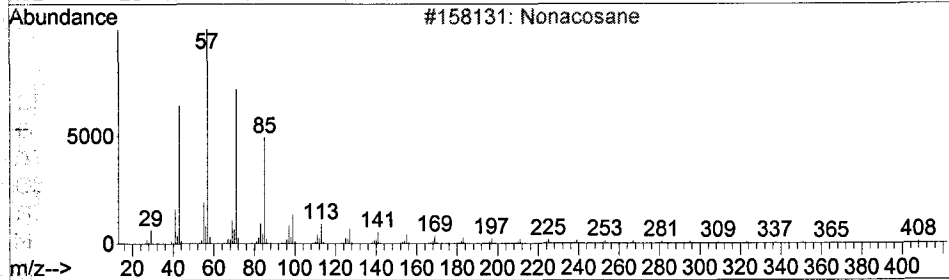
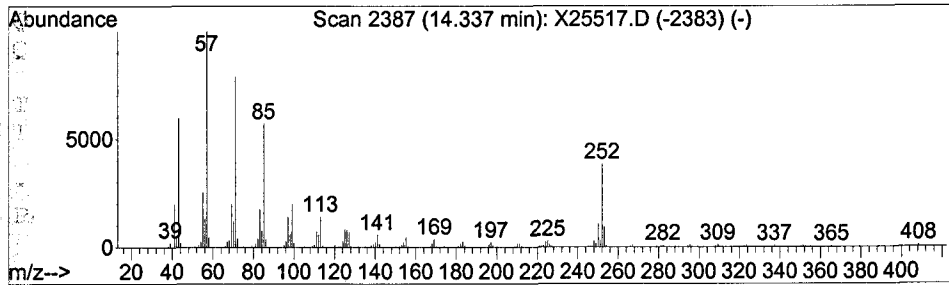
Quant Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M
 Quant Title : 8270 BNA Calibration with EPC

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 1 Nonacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.34	10.61 ng	1455110	CI75 Perylene-d12	5487320	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	96
2		Eicosane	282	C20H42	000112-95-8	96
3		Hexadecane	226	C16H34	000544-76-3	93
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	76
5		Heneicosane	296	C21H44	000629-94-7	76



Data Path : D:\DATA\080408\
 Data File : X25517.D
 Acq On : 5 Aug 2008 5:42
 Operator : AJ
 Sample : A8798802 DF4 AS8007823
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M
 Quant Title : 8270 BNA Calibration with EPC

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Nonacosane	14.34	10.6 ng		1455110	6	14.57	5487320	40.0

Nona

Standards

LABELLA ASSOCIATES
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 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica LaboratContract: _____ Lab Sample ID: A8I0000469-1Lab Code: RECNV

Case No.: _____

SAS No.: _____

SDG No: 7595Instrument ID: HP5973WCalibration Dates(s): 06/23/2008 06/23/2008Calibration Times: 09:20 11:15

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	* 1.731	1.890	2.031	2.028	1.961	2.239	1.9800	8.500*
Bis(2-chloroethyl) ether	1.421	1.531	1.543	1.458	1.447	1.598	1.4990	4.600
2-Chlorophenol	1.417	1.523	1.597	1.569	1.526	1.737	1.5610	6.800
2-Methylphenol	1.189	1.292	1.353	1.330	1.293	1.501	1.3260	7.700
2,2'-Oxybis(1-Chloropropane	1.831	1.914	1.916	1.885	1.801	2.054	1.9000	4.600
4-Methylphenol	1.251	1.351	1.461	1.465	1.451	1.669	1.4410	9.700
N-Nitroso-Di-n-propylamine	# 0.897	1.018	1.075	1.062	1.026	1.165	1.0400	8.400#
Hexachloroethane	0.710	0.692	0.682	0.667	0.640	0.734	0.6870	4.800
Nitrobenzene	0.323	0.362	0.373	0.374	0.351	0.391	0.3620	6.400
Isophorone	0.592	0.658	0.698	0.680	0.638	0.703	0.6610	6.300
2-Nitrophenol	* 0.143	0.177	0.194	0.199	0.188	0.211	0.1850	12.700*
2,4-Dimethylphenol	0.288	0.315	0.348	0.360	0.347	0.400	0.3430	11.200
Bis(2-chloroethoxy) methane	0.359	0.398	0.423	0.414	0.391	0.434	0.4030	6.600
2,4-Dichlorophenol	* 0.262	0.298	0.311	0.313	0.298	0.335	0.3030	8.000*
Naphthalene	1.094	1.081	1.124	1.101	1.045	1.177	1.1040	4.000
4-Chloroaniline	0.343	0.415	0.453	0.449	0.416	0.463	0.4230	10.400
Hexachlorobutadiene	* 0.193	0.185	0.194	0.191	0.179	0.205	0.1910	4.500*
4-Chloro-3-methylphenol	* 0.229	0.279	0.297	0.296	0.278	0.300	0.2800	9.600*
2-Methylnaphthalene	0.673	0.702	0.746	0.734	0.695	0.793	0.7240	5.900
Hexachlorocyclopentadiene	# 0.125	0.210	0.282	0.307	0.350	0.480	0.2920	41.600#
2,4,6-Trichlorophenol	* 0.294	0.331	0.362	0.365	0.378	0.496	0.3710	18.400*
2,4,5-Trichlorophenol	0.301	0.348	0.393	0.397	0.400	0.501	0.3900	17.100
2-Chloronaphthalene	1.113	1.165	1.204	1.221	1.231	1.638	1.2620	15.000
2-Nitroaniline	0.180	0.242	0.271	0.246	0.310	0.434	0.2810	30.800
Dimethyl phthalate	1.220	1.248	1.324	1.315	1.338	1.767	1.3690	14.700
Acenaphthylene	1.739	1.789	1.876	1.883	1.904	2.395	1.9310	12.200
2,6-Dinitrotoluene	0.232	0.261	0.295	0.299	0.304	0.408	0.3000	19.900
3-Nitroaniline	0.228	0.295	0.333	0.342	0.358	0.465	0.3370	23.200
Acenaphthene	* 1.126	1.119	1.177	1.162	1.067	1.122	1.1290	3.400*
2,4-Dinitrophenol	# 0.010	0.047	0.089	0.103	0.132	0.193	0.0960	67.200#
4-Nitrophenol	# 0.067	0.110	0.155	0.164	0.186	0.250	0.1550	40.600#
Dibenzofuran	1.232	1.138	1.153	0.975	1.370	2.032	1.3170	28.400
2,4-Dinitrotoluene	0.287	0.365	0.409	0.419	0.422	0.561	0.4100	21.800
Diethyl phthalate	1.272	1.255	1.340	1.326	1.349	1.783	1.3880	14.200
4-Chlorophenyl phenyl ether	0.606	0.622	0.652	0.640	0.687	0.932	0.6900	17.700
Fluorene	1.266	1.293	1.371	1.369	1.478	2.010	1.4640	19.000
4-Nitroaniline	0.172	0.278	0.338	0.351	0.374	0.487	0.3340	31.400

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000469-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Intrument ID: HP5973W Calibration Dates(s): 06/23/2008 06/23/2008

Calibration Times: 09:20 11:15

Lab File ID: RRF5 = <u>W24537.RR</u> RRF20 = <u>W24538.RR</u> RRF50 = <u>W24539.RR</u> RRF80 = <u>W24540.RR</u> RRF120 = <u>W24541.RR</u> RRF160 = <u>W24542.RR</u>								
COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
4,6-Dinitro-2-methylphenol	0.054	0.074	0.108	0.117	0.123	0.143	0.1030	32.200
N-nitrosodiphenylamine	* 0.514	0.534	0.571	0.567	0.541	0.618	0.5570	6.600*
4-Bromophenyl phenyl ether	0.195	0.218	0.227	0.225	0.212	0.248	0.2210	8.000
Hexachlorobenzene	0.240	0.230	0.243	0.244	0.227	0.258	0.2400	4.700
Pentachlorophenol	* 0.049	0.069	0.100	0.111	0.120	0.139	0.0980	34.200*
Phenanthrene	1.104	1.136	1.177	1.178	1.135	1.289	1.1700	5.600
Anthracene	1.041	1.122	1.202	1.205	1.175	1.344	1.1820	8.500
Di-n-butyl phthalate	1.229	1.355	1.466	1.445	1.383	1.580	1.4100	8.400
Fluoranthene	* 1.192	1.269	1.373	1.368	1.328	1.528	1.3430	8.400*
Pyrene	1.159	1.168	1.261	1.206	1.150	1.310	1.2090	5.300
Butyl benzyl phthalate	0.534	0.561	0.622	0.594	0.566	0.639	0.5860	6.800
3,3'-Dichlorobenzidine	0.359	0.423	0.465	0.460	0.449	0.525	0.4470	12.200
Benzo (a) anthracene	1.206	1.200	1.329	1.303	1.232	1.373	1.2740	5.600
Chrysene	1.195	1.195	1.203	1.179	1.162	1.299	1.2050	4.000
Bis(2-ethylhexyl) phthalate	0.856	0.856	0.937	0.917	0.872	0.976	0.9020	5.400
Di-n-octyl phthalate	* 1.311	1.385	1.533	1.490	1.405	1.610	1.4560	7.500*
Benzo (b) fluoranthene	1.364	1.359	1.586	1.521	1.476	1.745	1.5080	9.700
Benzo (k) fluoranthene	1.347	1.442	1.389	1.485	1.435	1.497	1.4320	4.000
Benzo (a) pyrene	* 1.271	1.337	1.422	1.447	1.411	1.593	1.4130	7.700*
Indeno (1,2,3-cd) pyrene	1.514	1.571	1.701	1.794	1.814	2.068	1.7440	11.400
Dibenzo (a,h) anthracene	1.333	1.358	1.476	1.566	1.593	1.807	1.5220	11.500
Benzo (ghi) perylene	1.359	1.382	1.460	1.504	1.519	1.782	1.5010	10.100
Carbazole	1.046	1.131	1.214	1.196	1.158	1.315	1.1770	7.600
=====								
Nitrobenzene-D5	0.304	0.344	0.371	0.370	0.346	0.381	0.3530	7.900
2-Fluorobiphenyl	1.250	1.292	1.350	1.358	1.368	1.814	1.4050	14.600
p-Terphenyl-d14	0.876	0.895	0.951	0.924	0.906	1.042	0.9320	6.400
Phenol-D5	1.541	1.692	1.776	1.783	1.744	1.981	1.7530	8.100
2-Fluorophenol	0.885	1.343	1.404	1.398	1.349	1.550	1.3210	17.200
2,4,6-Tribromophenol	0.066	0.083	0.095	0.095	0.095	0.110	0.0910	16.400

Comments:

Response Factor Report Instrumen

Method Path : C:\MSDCHEM\1\METHODS\8270\
 Method File : A810469.M
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response Via : Initial Calibration

T-1796
 I-469
 C-1522

Calibration Files
 5 =W24537.D 20 =W24538.D 50 =W24539.D
 80 =W24540.D 120 =W24541.D 160 =W24542.D

Compound	5	20	50	80	120	160	Avg	%RSD
-----ISTD-----								
1) I CI30 1,4-Dichlorobenz								
2) T C705 n-nitrosodidim	0.700	0.865	0.861	0.887	0.879	1.009	0.867	11.37
3) S CS50 2-Fluorophenol	0.885	1.343	1.403	1.398	1.349	1.550		
							L M= 1.514 R=0.992	
							B= -0.147	
4) TC C325 bis(2-Chloroet	1.421	1.531	1.542	1.458	1.447	1.598	1.499	4.56
5) S CS45 Phenol-d5	1.541	1.692	1.776	1.783	1.744	1.981	1.753	8.15
6) S CS70 2-chlorophenol	1.377	1.420	1.526	1.514	1.473	1.669	1.496	6.79
7) MC C315 Phenol	1.731	1.890	2.031	2.028	1.961	2.239	1.980	8.52
8) MC C330 2-Chlorophenol	1.417	1.522	1.597	1.569	1.526	1.737	1.561	6.76
9) T C320 aniline	1.994	2.127	2.143	2.143	1.976	2.280	2.111	5.32
10) TC C335 1,3-Dichlorobe	1.529	1.692	1.738	1.678	1.594	1.816	1.675	6.09
11) MC C340 1,4-Dichlorobe	1.680	1.741	1.803	1.722	1.653	1.853	1.742	4.32
12) S CS75 1,2-dichlorobe	0.938	0.934	0.997	0.959	0.902	1.035	0.961	4.99
13) TC C350 1,2-Dichlorobe	1.624	1.651	1.700	1.639	1.584	1.830	1.671	5.17
14) T C345 Benzyl alcohol	0.770	0.934	1.014	1.038	1.034	1.200	0.998	14.18
15) T C360 bis(2-chlorois	1.831	1.914	1.916	1.885	1.801	2.054	1.900	4.64
16) TC C355 2-Methylphenol	1.189	1.292	1.353	1.330	1.293	1.501	1.326	7.71
17) TC C375 Hexachloroetha	0.710	0.692	0.682	0.667	0.640	0.734	0.687	4.77
18) MC C370 N-Nitroso-di-n	0.896	1.018	1.075	1.062	1.026	1.165	1.040	8.43
19) TC C365 4-Methylphenol	1.251	1.351	1.461	1.465	1.451	1.669	1.441	9.68
-----ISTD-----								
20) I CI40 Naphthalene-d8								
21) S CS20 Nitrobenzene-d	0.304	0.344	0.371	0.370	0.346	0.381	0.353	7.91
22) TC C410 Nitrobenzene	0.323	0.362	0.373	0.374	0.351	0.391	0.362	6.44
23) TC C415 Isophorone	0.592	0.658	0.698	0.680	0.638	0.703	0.661	6.31
24) T C430 benzoic acid	0.111	0.128	0.149	0.137	0.161	0.197		
							Q A= 0.011 R=0.995	
							B= 0.049	
							C= 0.154	
25) TC C420 2-Nitrophenol	0.143	0.177	0.194	0.199	0.188	0.211	0.185	12.71
26) TC C425 2,4-Dimethylph	0.288	0.315	0.348	0.359	0.347	0.400	0.343	11.24
27) TC C435 bis(2-Chloroet	0.359	0.398	0.423	0.414	0.391	0.434	0.403	6.63
28) TC C440 2,4-Dichloroph	0.262	0.298	0.311	0.313	0.298	0.334	0.303	7.98
29) MC C445 1,2,4-Trichlor	0.309	0.327	0.333	0.325	0.308	0.350	0.325	4.83
30) TC C450 Naphthalene	1.094	1.081	1.124	1.101	1.045	1.177	1.104	4.03
31) T C455 4-Chloroanilin	0.343	0.415	0.453	0.449	0.416	0.463	0.423	10.38
32) T C460 Hexachlorobuta	0.193	0.185	0.194	0.191	0.179	0.205	0.191	4.53
33) MC C465 4-Chloro-3-met	0.229	0.279	0.297	0.296	0.278	0.300	0.280	9.57
34) TC C470 2-Methylnaphth	0.673	0.702	0.746	0.734	0.695	0.793	0.724	5.93
-----ISTD-----								
35) I CI50 Acenaphthene-d10								
36) T C510 Hexachlorocycl	0.125	0.210	0.282	0.307	0.350	0.480		
							Q A= 0.087 R=0.993	
							B= 0.110	
							C= 0.035	
37) TC C515 2,4,6-Trichlor	0.294	0.331	0.362	0.365	0.378	0.496		
							Q A= 0.069 R=0.991	
							B= 0.194	
							C= 0.053	
38) TC C520 2,4,5-Trichlor	0.301	0.348	0.393	0.397	0.400	0.501		
							Q A= 0.055 R=0.993	
							B= 0.259	
							C= 0.038	
39) S CS25 2-Fluorobiphen	1.250	1.292	1.350	1.358	1.368	1.814	1.405	14.60
40) TC C525 2-Chloronaphth	1.113	1.165	1.204	1.221	1.231	1.638		

Response Factor Report Instrumen

Method Path : C:\MSDCHEM\1\METHODS\8270\
 Method File : A8I0469.M
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response Via : Initial Calibration

Calibration Files

5 =W24537.D 20 =W24538.D 50 =W24539.D
 80 =W24540.D 120 =W24541.D 160 =W24542.D

Sample ID	Compound	0.180	0.242	0.271	0.246	0.310	0.434	Q	A=	R=	
41) T	C530 2-Nitroaniline	0.180	0.242	0.271	0.246	0.310	0.434	Q	0.229	0.989	
									0.621		
									0.212		
									0.087	0.989	
									0.058		
									0.066		
42) MC	C540 Acenaphthylene	1.739	1.789	1.876	1.883	1.904	2.395	1.931	12.21		
43) T	C535 Dimethylphthal	1.220	1.248	1.324	1.315	1.338	1.767	1.369	14.66		
44) TC	C542 2,6-Dinitrotol	0.232	0.261	0.295	0.299	0.304	0.408	Q	0.058	0.989	
									0.152		
									0.045		
45) TC	C550 Acenaphthene	1.126	1.119	1.177	1.162	1.067	1.122	1.129	3.42		
46) T	C545 3-Nitroaniline	0.228	0.295	0.333	0.342	0.358	0.465	Q	0.064	0.993	
									0.189		
									0.040		
47) T	C555 2,4-Dinitrophe	0.010	0.046	0.088	0.103	0.132	0.193	Q	0.045	0.994	
									0.007		
									0.013		
48) TC	C565 Dibenzofuran	1.232	1.138	1.153	0.975	1.370	2.032	Q	0.491	0.986	
									-0.104		
									0.453		
49) MC	C570 2,4-Dinitrotol	0.287	0.365	0.409	0.419	0.422	0.561	Q	0.076	0.989	
									0.225		
									0.055		
50) M	C560 4-Nitrophenol	0.067	0.110	0.155	0.164	0.186	0.250	Q	0.043	0.993	
									0.069		
									0.016		
51) TC	C590 Fluorene	1.266	1.293	1.370	1.369	1.478	2.010	Q	0.331	0.990	
									0.557		
									0.280		
52) TC	C585 4-Chlorophenyl	0.606	0.622	0.652	0.640	0.687	0.932	Q	0.150	0.989	
									0.271		
									0.135		
53) T	C580 Diethylphthala	1.272	1.255	1.340	1.326	1.349	1.783	1.388	14.22		
54) T	C620 1,2 diphenylhy	1.220	1.316	1.383	1.371	1.391	1.842	Q	0.251	0.989	
									0.725		
									0.235		
55) T	C595 4-Nitroaniline	0.172	0.278	0.338	0.351	0.374	0.487	Q	0.069	0.993	
									0.193		
									0.031		
56) I	CI60 Phenanthrene-d10	-----ISTD-----									
57) T	C610 4,6-Dinitro-2-	0.054	0.074	0.108	0.117	0.123	0.143	L	0.146	0.990	
									-0.042		
58) T	C615 n-Nitrosodiphe	0.514	0.534	0.571	0.567	0.541	0.618	0.557	6.56		
59) S	CS55 2,4,6-Tribromo	0.066	0.083	0.095	0.095	0.095	0.110	L	0.108	0.990	

Response Factor Report Instrumen

Method Path : C:\MSDCHEM\1\METHODS\8270\
 Method File : A8I0469.M
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response Via : Initial Calibration

Calibration Files

5 =W24537.D 20 =W24538.D 50 =W24539.D
 80 =W24540.D 120 =W24541.D 160 =W24542.D

B= -0.016											
60)	TC	C625	4-Bromophenyl-	0.195	0.218	0.227	0.225	0.212	0.248	0.221	7.98
61)	TC	C630	Hexachlorobenz	0.240	0.230	0.243	0.244	0.226	0.258	0.240	4.74
62)	MC	C635	Pentachlorophe	0.049	0.069	0.100	0.111	0.120	0.139	-----	
										L	M= 0.143 R=0.989
B= -0.045											
63)	TC	C640	Phenanthrene	1.104	1.135	1.177	1.177	1.135	1.289	1.170	5.57
64)	TC	C645	Anthracene	1.041	1.122	1.202	1.205	1.175	1.344	1.182	8.52
65)	T	C647	carbazole	1.046	1.131	1.214	1.196	1.158	1.314	1.177	7.63
66)	T	C650	Di-n-butylphth	1.229	1.355	1.465	1.445	1.383	1.580	1.410	8.38
67)	TC	C655	Fluoranthene	1.192	1.269	1.373	1.368	1.328	1.528	1.343	8.45
-----ISTD-----											
68)	I	CI70	Chrysene-d12								
69)	MC	C715	Pyrene	1.159	1.168	1.261	1.206	1.150	1.310	1.209	5.32
70)	T	C710	benzidine	0.212	0.335	0.356	0.398	0.356	0.456	-----	
										Q	A= 0.042 R=0.988
B= 0.268											
C= 0.023											
71)	S	CS30	Terphenyl-d14	0.876	0.895	0.951	0.924	0.906	1.042	0.932	6.40
72)	T	C720	Butylbenzylpht	0.534	0.561	0.622	0.594	0.566	0.639	0.586	6.81
73)	T	C725	3,3'-Dichlorob	0.359	0.423	0.465	0.460	0.449	0.525	0.447	12.22
74)	TC	C730	Benzo[a]anthra	1.206	1.200	1.329	1.303	1.232	1.373	1.274	5.60
75)	TC	C735	Chrysene	1.195	1.195	1.203	1.179	1.162	1.298	1.205	3.98
76)	T	C740	bis(2-Ethylhex	0.856	0.856	0.937	0.917	0.872	0.976	0.902	5.44
77)	T	C760	Di-n-octylphth	1.311	1.385	1.533	1.490	1.405	1.610	1.456	7.51
-----ISTD-----											
78)	I	CI75	Perylene-d12								
79)	TC	C765	Benzo[b]fluora	1.364	1.358	1.586	1.521	1.476	1.745	1.508	9.67
80)	TC	C770	Benzo[k]fluora	1.347	1.442	1.389	1.485	1.435	1.497	1.432	3.97
81)	TC	C775	Benzo[a]pyrene	1.271	1.337	1.422	1.447	1.411	1.593	1.414	7.71
82)	TC	C780	Indeno[1,2,3-c	1.514	1.571	1.701	1.794	1.814	2.068	1.744	11.38
83)	TC	C785	Dibenz[a,h]ant	1.333	1.358	1.475	1.566	1.593	1.807	1.522	11.49
84)	TC	C790	Benzo[g,h,i]pe	1.359	1.382	1.460	1.504	1.519	1.782	1.501	10.11

 Total Average %RSD 7.80

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

A8I0469.M

Mon Jun 23 14:49:00 2008

Date: 08/06/2008

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Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-16ONG

Fraction: MB

No of Points: 6

Default Min. RRF: 0.0500

QC Approver: PM

CCC Conc: 50.00

QC Date: 02/20/2008

Comments:

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2 Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2 Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4 Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8 2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1 1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7 1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6 Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1 1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7 2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1 2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP 3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4 Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8 Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0 2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0 Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2 Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9 Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644 3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1 a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5 Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0 p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1 9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1 1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0 (z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7 N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1 1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1 Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3 Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1 Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5 2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9 2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0 Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1 Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2 2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1 1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3 Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8 4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3 Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7 4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6 2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4 Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2 2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4 2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7 2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4 2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
310	131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzdine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylphthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008

ICC Profile

Page: 5

Time: 15:05:48

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892 60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893 99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894 56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895 608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896 82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897 62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898 122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899 101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900 298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901 85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902 23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903 110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904 108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905 94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906 03689-24-5	Sulfotep	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907 CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908 297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909 1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910 78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911 115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912 98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913 94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914 2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915 611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916 102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917 620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918 104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919 98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920 106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921 371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922 100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923 106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924 126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925 74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926 2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927 140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928 52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929 109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930 C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931 127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932 100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933 1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934 126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940 112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990 95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991 86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993 933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994 109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995 545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996 50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997 DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008

ICC Profile

Page: 6

Time: 15:05:48

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

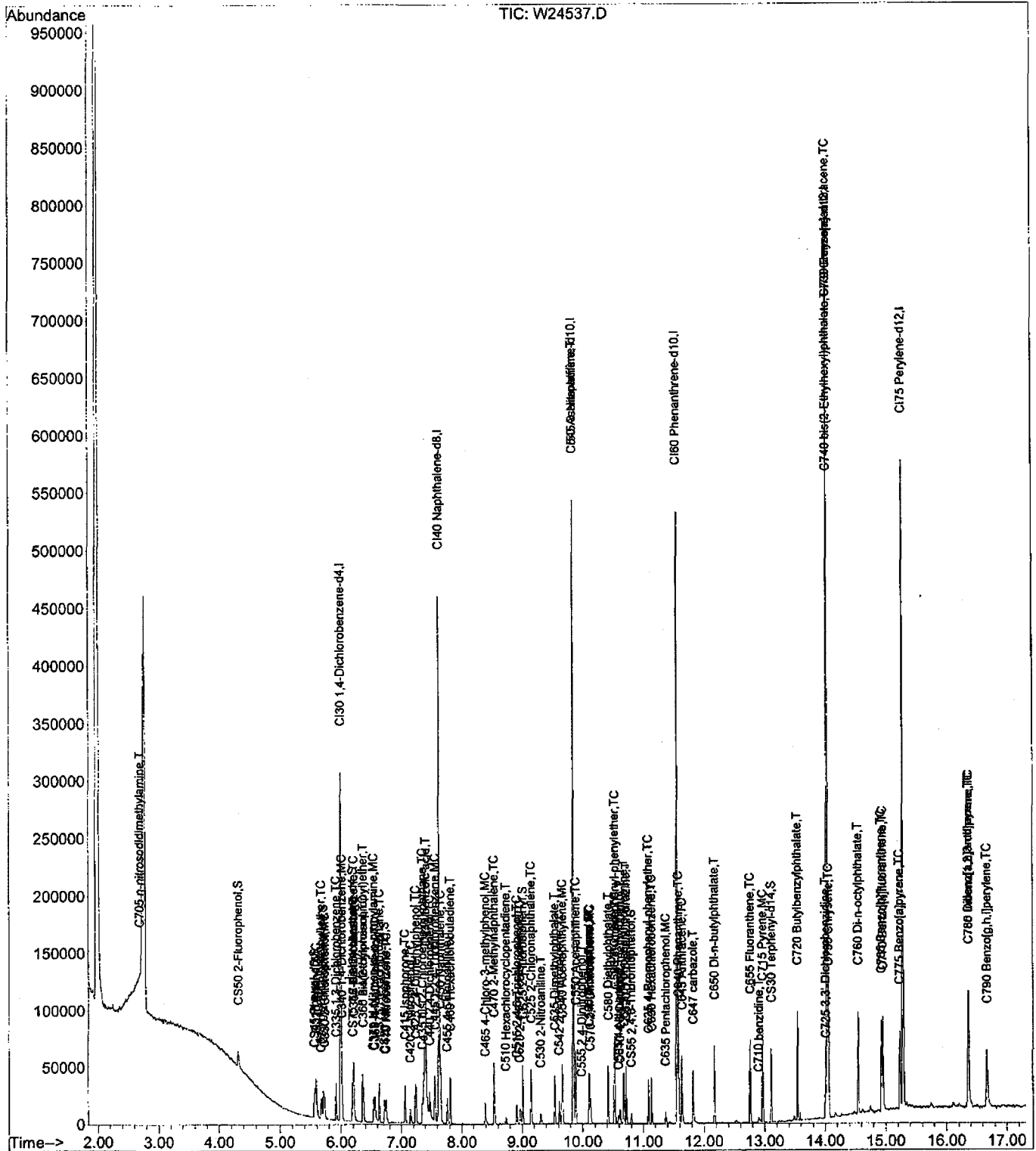
Seg	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7 Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24537.D
Acq On : 23 Jun 2008 9:20 am
Sample : SSTD005
Misc : 8270(4-9-08)
MS Integration Params: rteint.p

Vial: 2
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 23 13:58:33 2008 Results File: A8I0395.RES
Quant Method : C:\MSDCHEM\1...\A8I0395.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:38:46 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24537.D
 Acq On : 23 Jun 2008 9:20 am
 Sample : SSTD005
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:58:33 2008

Vial: 2
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0395.RES

Quant Method : C:\MSDCHEM\1...\A8I0395.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:38:46 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\061108\W24174.D (11 Jun 2008 11:57 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.99	152	55891	40.00	ng	0.00 117.69%
20) CI40 Naphthalene-d8	7.62	136	233076	40.00	ng	-0.07 120.84%
35) CI50 Acenaphthene-d10	9.84	164	129700	40.00	ng	-0.10 103.28%
56) CI60 Phenanthrene-d10	11.56	188	217093	40.00	ng	-0.13 99.39%
68) CI70 Chrysene-d12	14.03	240	239292	40.00	ng	-0.14 117.30%
78) CI75 Perylene-d12	15.28	264	218305	40.00	ng	-0.08 126.64%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.31	112	6181	3.60	ng	0.16
Spiked Amount 150.000	Range 21 - 110		Recovery =	2.40%#		
5) CS45 Phenol-d5	5.56	99	10768	4.77	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	3.18%#		
6) CS70 2-chlorophenol-d4	5.71	132	9619	5.37	ng	0.01
Spiked Amount 150.000	Range 33 - 110		Recovery =	3.58%#		
12) CS75 1,2-dichlorobenzene-d	6.19	152	6556	5.55	ng	-0.02
Spiked Amount 100.000	Range 16 - 110		Recovery =	5.55%#		
21) CS20 Nitrobenzene-d5	6.72	82	8866	4.31	ng	-0.04
Spiked Amount 100.000	Range 34 - 114		Recovery =	4.31%#		
39) CS25 2-Fluorobiphenyl	9.01	172	20269	5.45	ng	-0.10
Spiked Amount 100.000	Range 43 - 116		Recovery =	5.45%#		
59) CS55 2,4,6-Tribromophenol	10.80	330	1788	7.55	ng	-0.12
Spiked Amount 150.000	Range 10 - 123		Recovery =	5.03%#		
71) CS30 Terphenyl-d14	13.11	244	26206	6.11	ng	-0.15
Spiked Amount 100.000	Range 33 - 141		Recovery =	6.11%#		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.68	74	4890m	4.26	ng	# 0
4) C325 bis(2-Chloroethyl)eth	5.68	93	9925	5.12	ng	84
7) C315 Phenol	5.58	94	12096	4.50	ng	92
8) C330 2-Chlorophenol	5.73	128	9900	4.98	ng	85
9) C320 aniline	5.59	93	13928	5.00	ng	# 51
10) C335 1,3-Dichlorobenzene	5.92	146	10681	5.02	ng	97
11) C340 1,4-Dichlorobenzene	6.02	146	11736	5.40	ng	91
13) C350 1,2-Dichlorobenzene	6.20	146	11349	5.41	ng	98
14) C345 Benzyl alcohol	6.21	108	5378	4.21	ng	# 82
15) C360 bis(2-chloroisopropyl	6.37	45	12791	5.03	ng	49
16) C355 2-Methylphenol	6.35	108	8309	4.82	ng	92
17) C375 Hexachloroethane	6.63	117	4958	5.71	ng	85
18) C370 N-Nitroso-di-n-propyl	6.54	70	6263	4.60	ng	87
19) C365 4-Methylphenol	6.56	108	8737	4.58	ng	97
22) C410 Nitrobenzene	6.74	77	9423	4.28	ng	85
23) C415 Isophorone	7.06	82	17259	4.37	ng	92
24) C430 benzoic acid	7.41	122	64451	53.20	ng	100
25) C420 2-Nitrophenol	7.16	139	4165	4.12	ng	# 79
26) C425 2,4-Dimethylphenol	7.24	107	8390	4.15	ng	93
27) C435 bis(2-Chloroethoxy)me	7.35	93	10469	4.51	ng	94
28) C440 2,4-Dichlorophenol	7.47	162	7625	4.55	ng	93

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24537.D
 Acq On : 23 Jun 2008 9:20 am
 Sample : SSTD005
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:58:33 2008

Vial: 2
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0395.RES

Quant Method : C:\MSDCHEM\1...\A8I0395.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:38:46 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\061108\W24174.D (11 Jun 2008 11:57 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.56	180	9009	5.05	ng	98
30) C450 Naphthalene	7.65	128	31875	5.36	ng	96
31) C455 4-Chloroaniline	7.75	127	9994	4.14	ng	99
32) C460 Hexachlorobutadiene	7.81	225	5620	5.78	ng	94
33) C465 4-Chloro-3-methylphen	8.39	107	6660	3.84	ng	83
34) C470 2-Methylnaphthalene	8.53	142	19614	5.01	ng	98
36) C510 Hexachlorocyclopentad	8.73	237	2026	10.61	ng	83
37) C515 2,4,6-Trichlorophenol	8.91	196	4769	4.77	ng	92
38) C520 2,4,5-Trichlorophenol	8.97	196	4873	4.44	ng	98
40) C525 2-Chloronaphthalene	9.15	162	18046	5.54	ng	93
41) C530 2-Nitroaniline	9.31	65	2925	2.76	ng	87
42) C540 Acenaphthylene	9.67	152	28200	5.35	ng	99
43) C535 Dimethylphthalate	9.54	163	19778	5.27	ng	96
44) C542 2,6-Dinitrotoluene	9.61	165	3767	7.63	ng	91
45) C550 Acenaphthene	9.89	153	18252	5.39	ng	93
46) C545 3-Nitroaniline	9.84	138	3690	7.20	ng	# 69
47) C555 2,4-Dinitrophenol	9.98	184	330	13.11	ng	# 10
48) C565 Dibenzofuran	10.11	168	19967	4.07	ng	94
49) C570 2,4-Dinitrotoluene	10.13	165	4646	4.01	ng	# 1
50) C560 4-Nitrophenol	10.10	109	2174	10.74	ng	# 1
51) C590 Fluorene	10.52	166	20522	5.19	ng	99
52) C585 4-Chlorophenyl-phenyl	10.53	204	9830	5.18	ng	94
53) C580 Diethylphthalate	10.42	149	20620	5.37	ng	97
54) C620 1,2 diphenylhydrazine	10.71	77	19783	4.49	ng	92
55) C595 4-Nitroaniline	10.59	138	2794	6.49	ng	83
57) C610 4,6-Dinitro-2-methylp	10.61	198	2909	11.33	ng	100
58) C615 n-Nitrosodiphenylamin	10.68	169	13946	4.99	ng	97
60) C625 4-Bromophenyl-phenyle	11.09	248	5289	5.34	ng	94
61) C630 Hexachlorobenzene	11.14	284	6522	5.91	ng	85
62) C635 Pentachlorophenol	11.37	266	2659	15.60	ng	86
63) C640 Phenanthrene	11.58	178	29947	5.39	ng	99
64) C645 Anthracene	11.64	178	28254	5.13	ng	93
65) C647 carbazole	11.82	167	28378	5.34	ng	99
66) C650 Di-n-butylphthalate	12.17	149	33345	5.49	ng	98
67) C655 Fluoranthene	12.75	202	32341	5.46	ng	99
69) C715 Pyrene	12.96	202	34655	4.93	ng	98
70) C710 benzidine	12.90	184	6342	2.46	ng	72
72) C720 Butylbenzylphthalate	13.53	149	15968	5.05	ng	93
73) C725 3,3'-Dichlorobenzidin	14.00	252	10736	4.71	ng	98
74) C730 Benzo[a]anthracene	14.03	228	36065	5.71	ng	96
75) C735 Chrysene	14.06	228	35734	5.81	ng	97
76) C740 bis(2-Ethylhexyl)phth	14.02	149	25606	5.50	ng	98
77) C760 Di-n-octylphthalate	14.54	149	39200	5.59	ng	99
79) C765 Benzo[b]fluoranthene	14.93	252	37215m	5.35	ng	96
80) C770 Benzo[k]fluoranthene	14.96	252	36752	5.44	ng	96
81) C775 Benzo[a]pyrene	15.23	252	34687	5.33	ng	97
82) C780 Indeno[1,2,3-cd]pyren	16.36	276	41326	5.17	ng	96
83) C785 Dibenz[a,h]anthracene	16.37	278	36372	5.20	ng	99
84) C790 Benzo[g,h,i]perylene	16.67	276	37080	5.42	ng	94

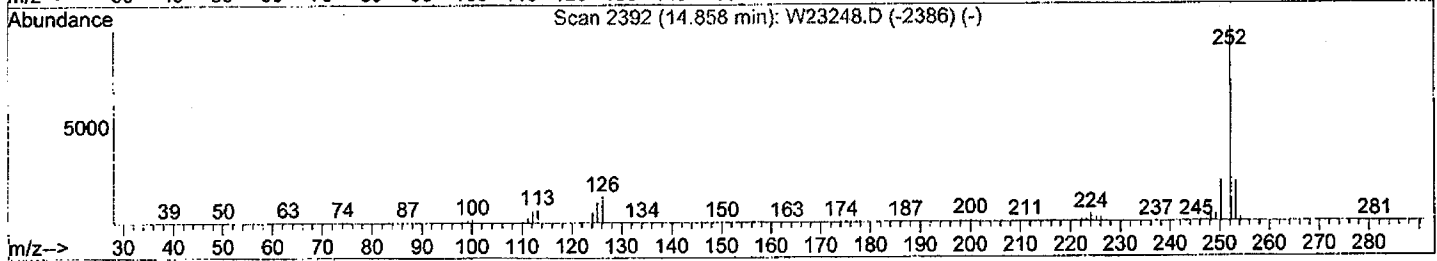
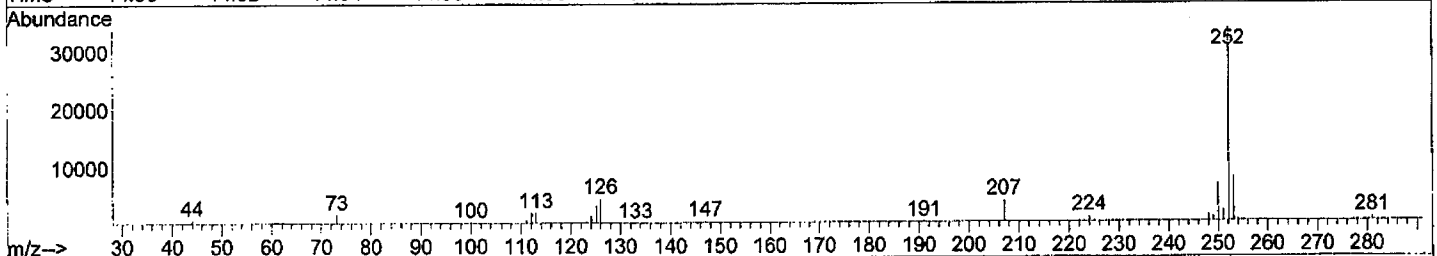
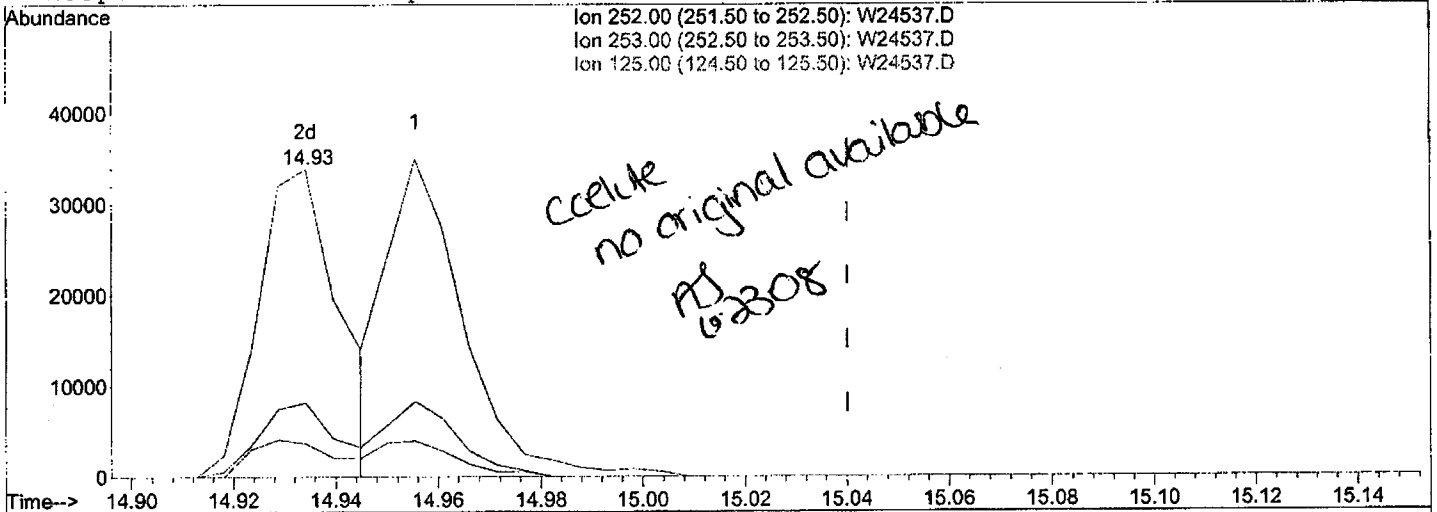
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24537.D
Acq On : 23 Jun 2008 9:20 am
Sample : SST005
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:39:45 2008

Vial: 2
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0395.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:38:46 2008
Response via : Multiple Level Calibration



TIC: W24537.D

(79) C765 Benzo[b]fluoranthene (TC)

14.93min (-0.106) 5.35ng m

response 37215

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	24.10
125.00	11.20	10.79
0.00	0.00	0.00

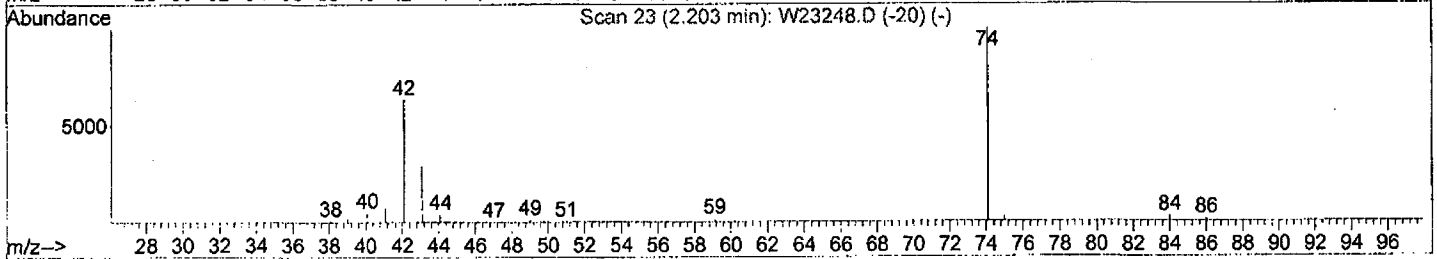
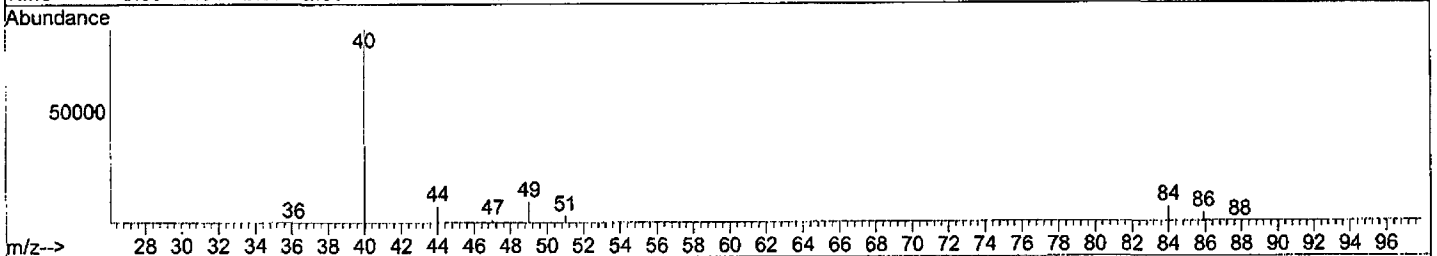
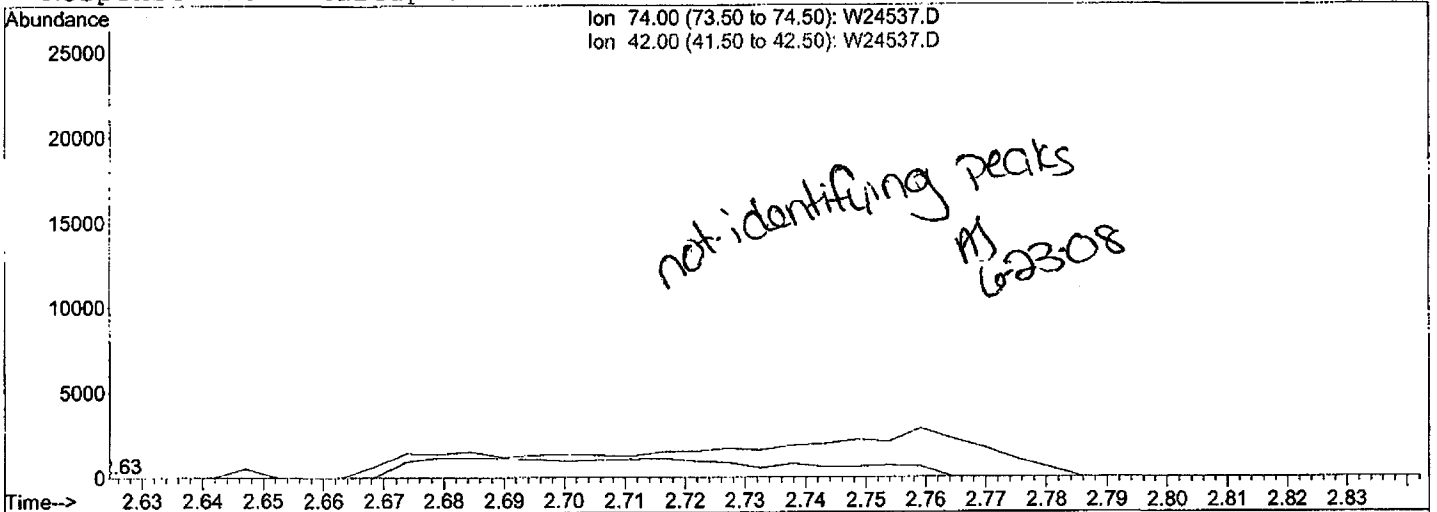
Handwritten signatures: MJP, 6/23/08

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24537.D
Acq On : 23 Jun 2008 9:20 am
Sample : SSTD005
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:42:09 2008

Vial: 2
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24537.D

(2) C705 n-nitrosodimethylamine (T)

2.63min (+0.402) 0.00ng m

response 0

Ion	Exp%	Act%
74.00	100	0.00
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

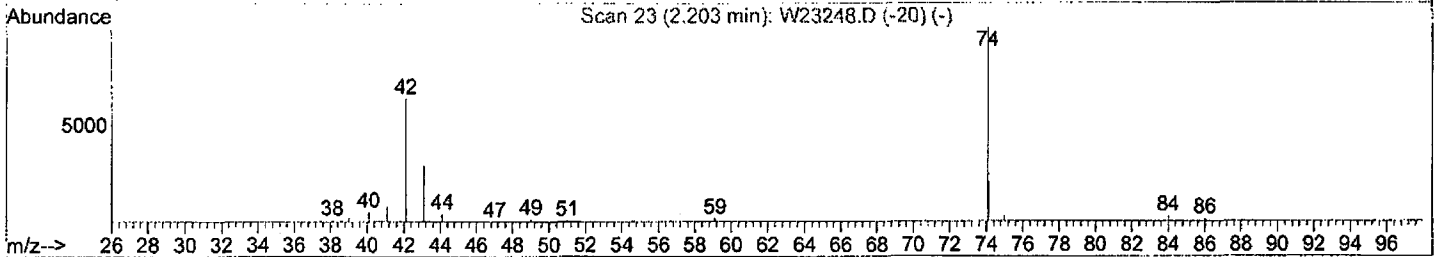
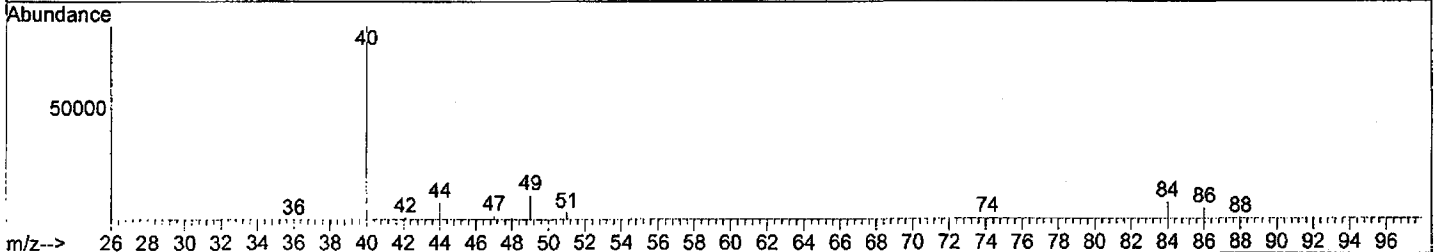
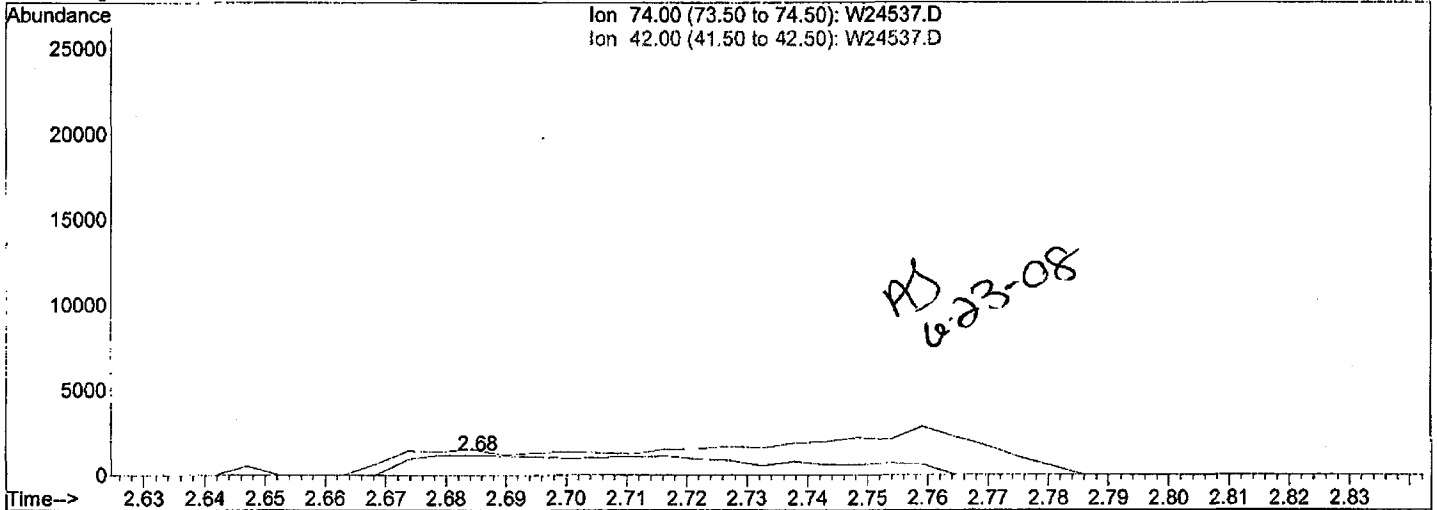
Handwritten signature

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24537.D
Acq On : 23 Jun 2008 9:20 am
Sample : SST005
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:42:09 2008

Vial: 2
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24537.D

(2) C705 n-nitrosodimethylamine (T)

2.68min (+0.460) 4.26ng m

response 4890

Ion	Exp%	Act%
74.00	100	100
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

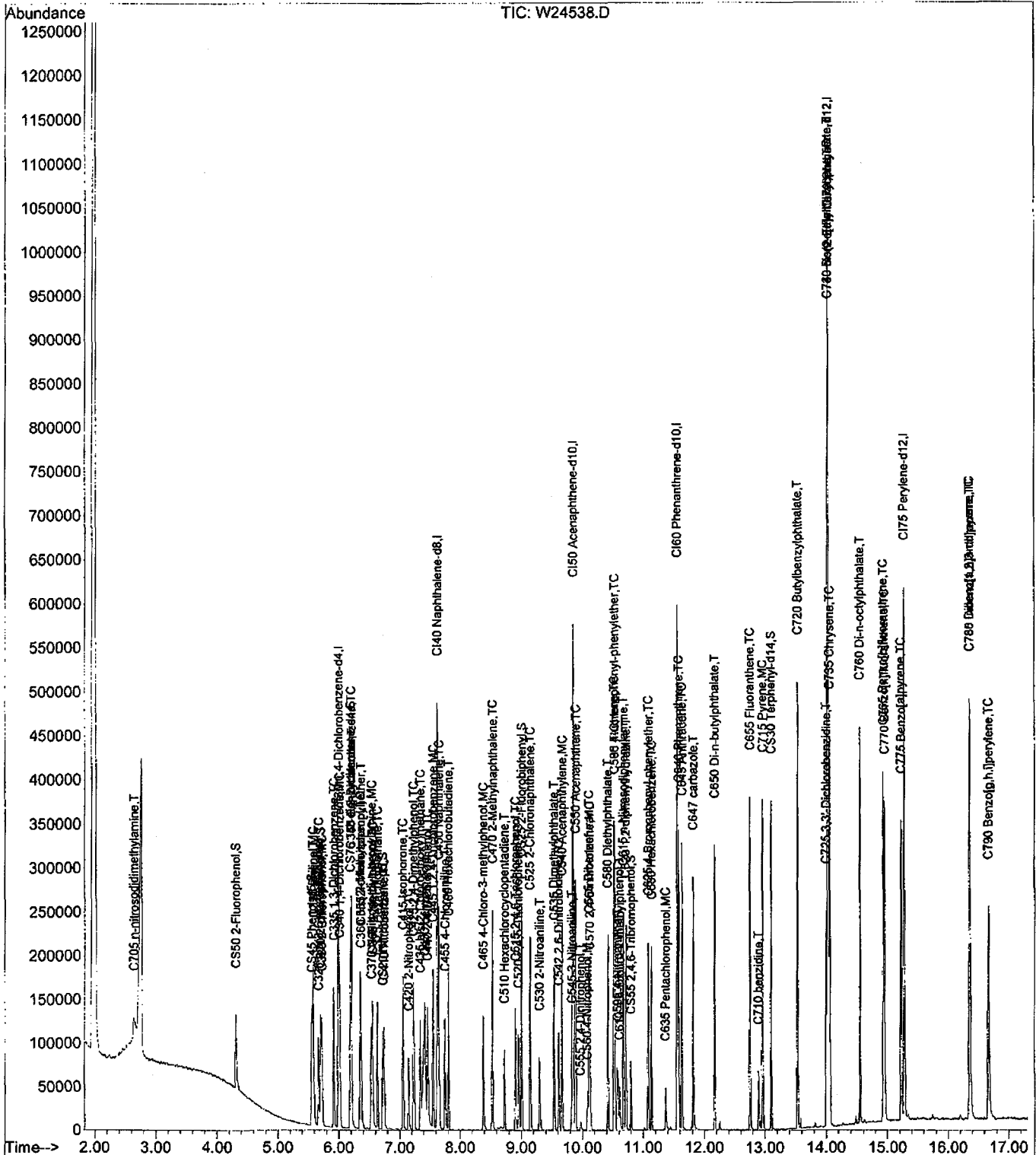
Handwritten signature and date: WJG 6/23/08

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24538.D
Acq On : 23 Jun 2008 9:43 am
Sample : SSTD020
Misc : 8270(4-9-08)
MS Integration Params: rteint.p

Vial: 3
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 23 13:59:14 2008 Results File: A8I0469.RES
Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:47:13 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24538.D
 Acq On : 23 Jun 2008 9:43 am
 Sample : SSTD020
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:59:14 2008

Vial: 3
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:47:13 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\062308\W24537.D (23 Jun 2008 9:20 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	6.00	152	56796	40.00	ng	0.00 101.62%
20) CI40 Naphthalene-d8	7.62	136	239075	40.00	ng	0.00 102.57%
35) CI50 Acenaphthene-d10	9.84	164	138044	40.00	ng	0.00 106.43%
56) CI60 Phenanthrene-d10	11.55	188	227641	40.00	ng	0.00 104.86%
68) CI70 Chrysene-d12	14.03	240	258273	40.00	ng	0.00 107.93%
78) CI75 Perylene-d12	15.28	264	223152	40.00	ng	0.00 102.22%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.31	112	38135	21.86	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	14.57%#
5) CS45 Phenol-d5	5.56	99	48049	20.94	ng	0.00
Spiked Amount	150.000	Range	10 - 110	Recovery	=	13.96%
6) CS70 2-chlorophenol-d4	5.70	132	40313	22.14	ng	0.00
Spiked Amount	150.000	Range	33 - 110	Recovery	=	14.76%#
12) CS75 1,2-dichlorobenzene-d	6.19	152	26524	22.11	ng	0.00
Spiked Amount	100.000	Range	16 - 110	Recovery	=	22.11%
21) CS20 Nitrobenzene-d5	6.72	82	41065	19.46	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	19.46%#
39) CS25 2-Fluorobiphenyl	9.00	172	89185	22.54	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	22.54%#
59) CS55 2,4,6-Tribromophenol	10.80	330	9459	20.64	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	13.76%
71) CS30 Terphenyl-d14	13.10	244	115517	24.96	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	24.96%#

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.64	74	24568m	21.05	ng	# 0
4) C325 bis(2-Chloroethyl)eth	5.67	93	43473	22.08	ng	85
7) C315 Phenol	5.57	94	53684	19.65	ng	93
8) C330 2-Chlorophenol	5.72	128	43235	21.42	ng	83
9) C320 aniline	5.58	93	60411	21.32	ng	# 43
10) C335 1,3-Dichlorobenzene	5.92	146	48046	22.22	ng	99
11) C340 1,4-Dichlorobenzene	6.02	146	49447	22.38	ng	97
13) C350 1,2-Dichlorobenzene	6.21	146	46889	21.99	ng	98
14) C345 Benzyl alcohol	6.20	108	26529	20.43	ng	90
15) C360 bis(2-chloroisopropyl	6.37	45	54341	21.02	ng	68
16) C355 2-Methylphenol	6.35	108	36683	20.95	ng	96
17) C375 Hexachloroethane	6.63	117	19643	22.26	ng	95
18) C370 N-Nitroso-di-n-propyl	6.54	70	28898	20.88	ng	87
19) C365 4-Methylphenol	6.55	108	38368	19.81	ng	95
22) C410 Nitrobenzene	6.74	77	43221	19.13	ng	85
23) C415 Isophorone	7.05	82	78603	19.39	ng	93
24) C430 benzoic acid	7.42	122	91557	73.68	ng	95
25) C420 2-Nitrophenol	7.15	139	21168	20.40	ng	78
26) C425 2,4-Dimethylphenol	7.23	107	37626	18.16	ng	91
27) C435 bis(2-Chloroethoxy)me	7.34	93	47566	19.98	ng	96
28) C440 2,4-Dichlorophenol	7.46	162	35603	20.72	ng	91

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24538.D
 Acq On : 23 Jun 2008 9:43 am
 Sample : SST020
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:59:14 2008

Vial: 3
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:47:13 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\062308\W24537.D (23 Jun 2008 9:20 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.56	180	39032	21.33	ng	98
30) C450 Naphthalene	7.65	128	129203	21.18	ng	97
31) C455 4-Chloroaniline	7.75	127	49561	20.00	ng	99
32) C460 Hexachlorobutadiene	7.81	225	22155	22.21	ng	98
33) C465 4-Chloro-3-methylphen	8.38	107	33299	18.72	ng	92
34) C470 2-Methylnaphthalene	8.53	142	83957	20.90	ng	93
36) C510 Hexachlorocyclopentad	8.73	237	14479	22.13	ng	99
37) C515 2,4,6-Trichlorophenol	8.90	196	22813	21.46	ng	98
38) C520 2,4,5-Trichlorophenol	8.96	196	24042	20.60	ng	99
40) C525 2-Chloronaphthalene	9.15	162	80429	23.19	ng	92
41) C530 2-Nitroaniline	9.30	65	16700	14.80	ng	# 70
42) C540 Acenaphthylene	9.67	152	123507	22.01	ng	99
43) C535 Dimethylphthalate	9.54	163	86170	21.56	ng	98
44) C542 2,6-Dinitrotoluene	9.61	165	18019	21.62	ng	91
45) C550 Acenaphthene	9.89	153	77206	21.44	ng	99
46) C545 3-Nitroaniline	9.82	138	20362	21.33	ng	# 78
47) C555 2,4-Dinitrophenol	9.97	184	3209	17.39	ng	# 74
48) C565 Dibenzofuran	10.10	168	78564	15.05	ng	86
49) C570 2,4-Dinitrotoluene	10.12	165	25216	20.45	ng	# 1
50) C560 4-Nitrophenol	10.08	109	7585	18.31	ng	87
51) C590 Fluorene	10.52	166	89229	21.20	ng	99
52) C585 4-Chlorophenyl-phenyl	10.53	204	42902	21.26	ng	96
53) C580 Diethylphthalate	10.41	149	86652	21.19	ng	100
54) C620 1,2 diphenylhydrazine	10.71	77	90841	19.35	ng	94
55) C595 4-Nitroaniline	10.58	138	19195	20.03	ng	94
57) C610 4,6-Dinitro-2-methylp	10.61	198	8377	17.85	ng	100
58) C615 n-Nitrosodiphenylamin	10.67	169	60752	20.74	ng	95
60) C625 4-Bromophenyl-phenyle	11.08	248	24816	23.89	ng	91
61) C630 Hexachlorobenzene	11.14	284	26148	22.58	ng	99
62) C635 Pentachlorophenol	11.37	266	7830	22.33	ng	96
63) C640 Phenanthrene	11.58	178	129243	22.17	ng	97
64) C645 Anthracene	11.63	178	127757	22.11	ng	97
65) C647 carbazole	11.81	167	128772	23.12	ng	99
66) C650 Di-n-butylphthalate	12.17	149	154223	24.20	ng	99
67) C655 Fluoranthene	12.75	202	144385	23.25	ng	94
69) C715 Pyrene	12.96	202	150849	19.86	ng	94
70) C710 benzidine	12.89	184	43277	15.53	ng	97
72) C720 Butylbenzylphthalate	13.53	149	72389	21.23	ng	95
73) C725 3,3'-Dichlorobenzidin	14.00	252	54627	22.21	ng	99
74) C730 Benzo[a]anthracene	14.02	228	154948	22.74	ng	98
75) C735 Chrysene	14.05	228	154305	23.26	ng	98
76) C740 bis(2-Ethylhexyl)phth	14.02	149	110519	21.99	ng	97
77) C760 Di-n-octylphthalate	14.54	149	178809	23.61	ng	99
79) C765 Benzo[b]fluoranthene	14.93	252	151575	21.31	ng	98
80) C770 Benzo[k]fluoranthene	14.95	252	160891	23.31	ng	96
81) C775 Benzo[a]pyrene	15.23	252	149216	22.44	ng	98
82) C780 Indeno[1,2,3-cd]pyren	16.36	276	175295	21.46	ng	99
83) C785 Dibenz[a,h]anthracene	16.36	278	151492	21.20	ng	97
84) C790 Benzo[g,h,i]perylene	16.67	276	154237	22.04	ng	98

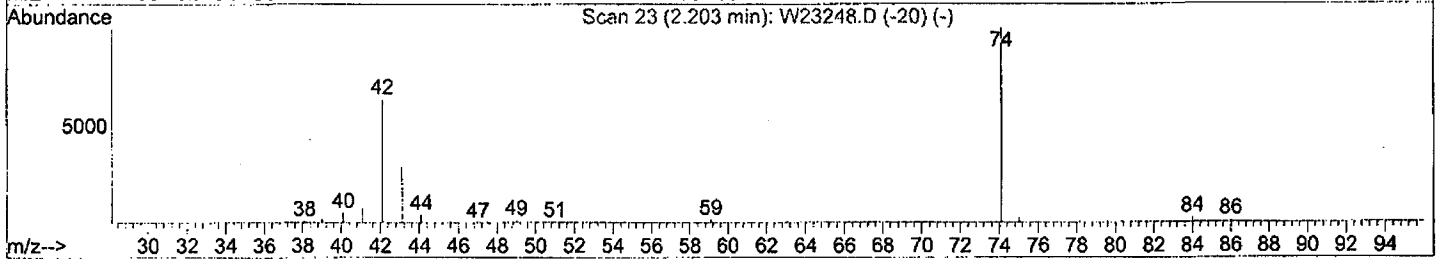
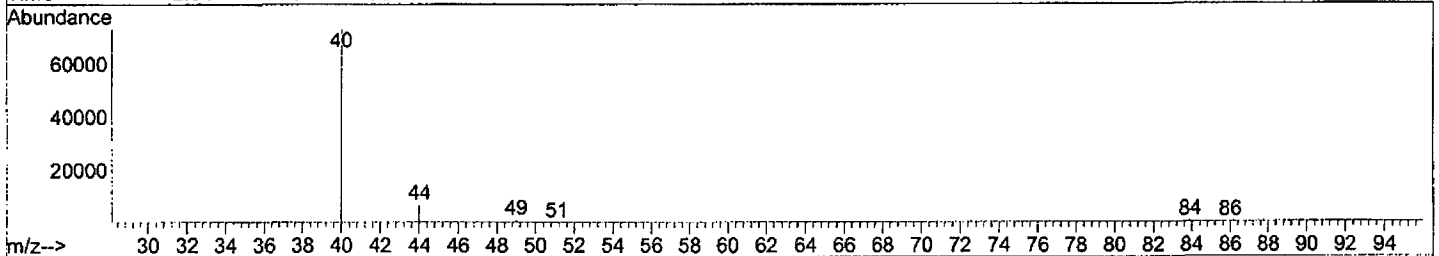
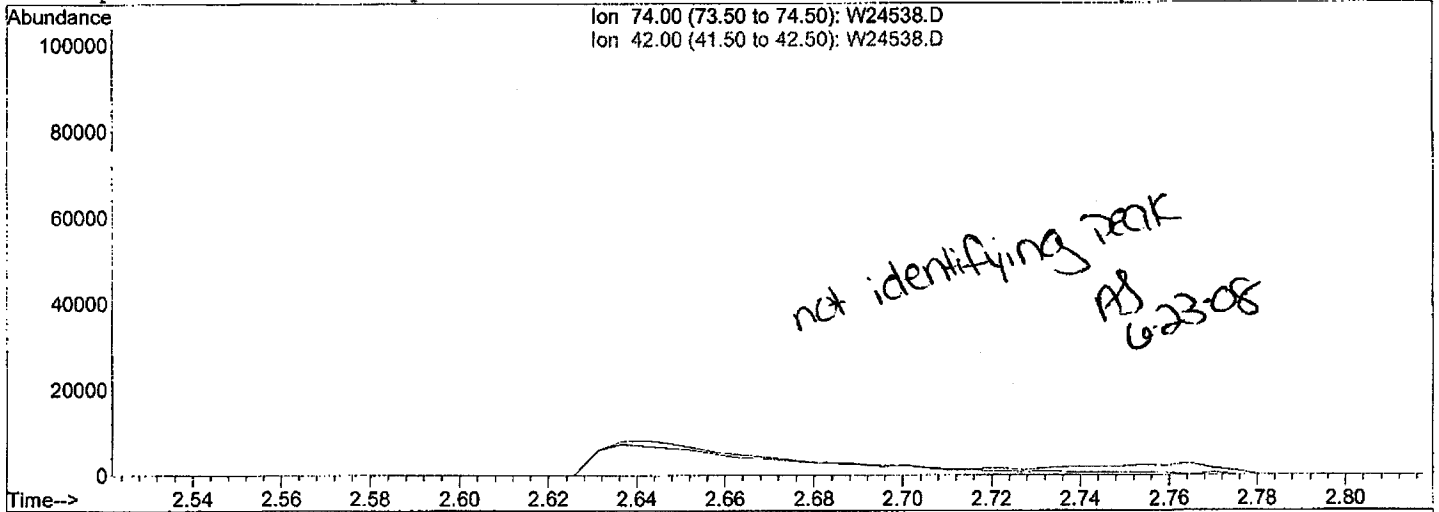
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24538.D
Acq On : 23 Jun 2008 9:43 am
Sample : SSTD020
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:47:22 2008

Vial: 3
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24538.D

(2) C705 n-nitrosodimethylamine (T)

2.22min (-2.224) 0.00ng

response 0

Ion	Exp%	Act%
74.00	100	0.00
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

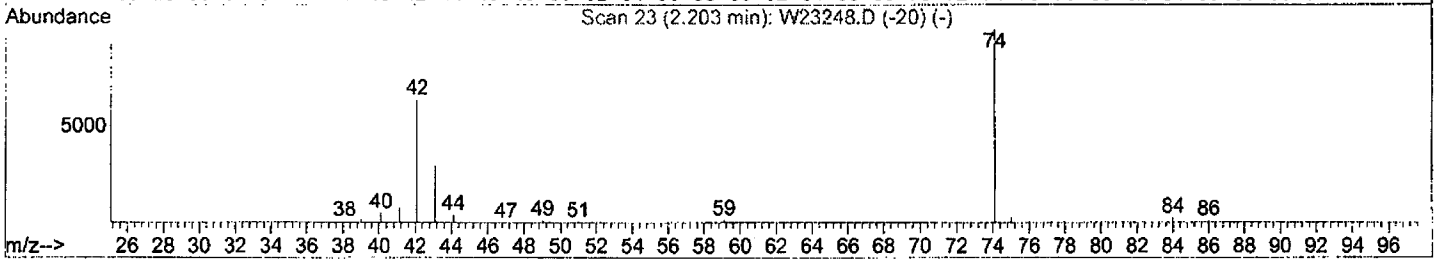
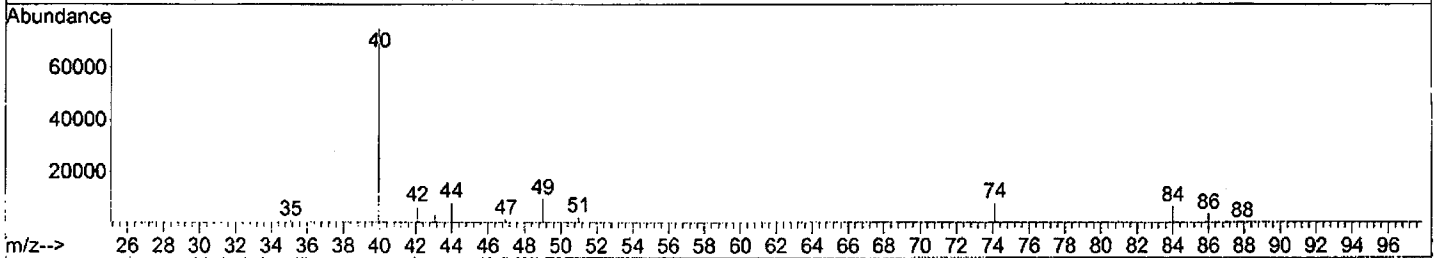
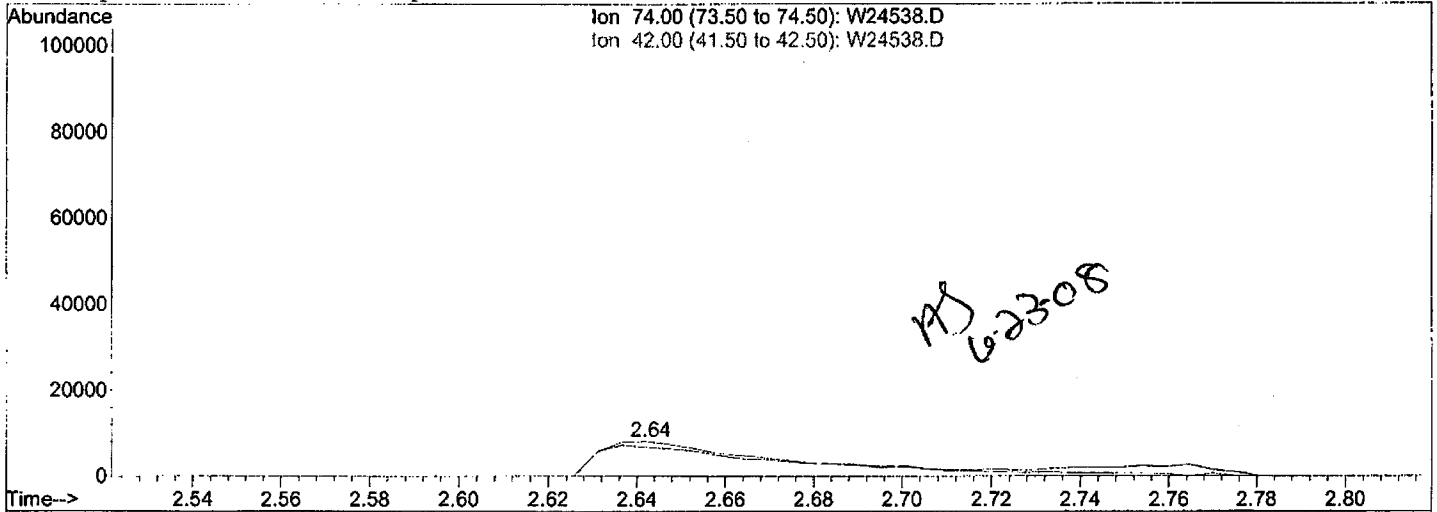
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Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24538.D
Acq On : 23 Jun 2008 9:43 am
Sample : SSTD020
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:47:22 2008

Vial: 3
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24538.D

(2) C705 n-nitrosodimethylamine (T)

2.64min (+0.418) 21.05ng m

response 24568

Ion	Exp%	Act%
74.00	100	100
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

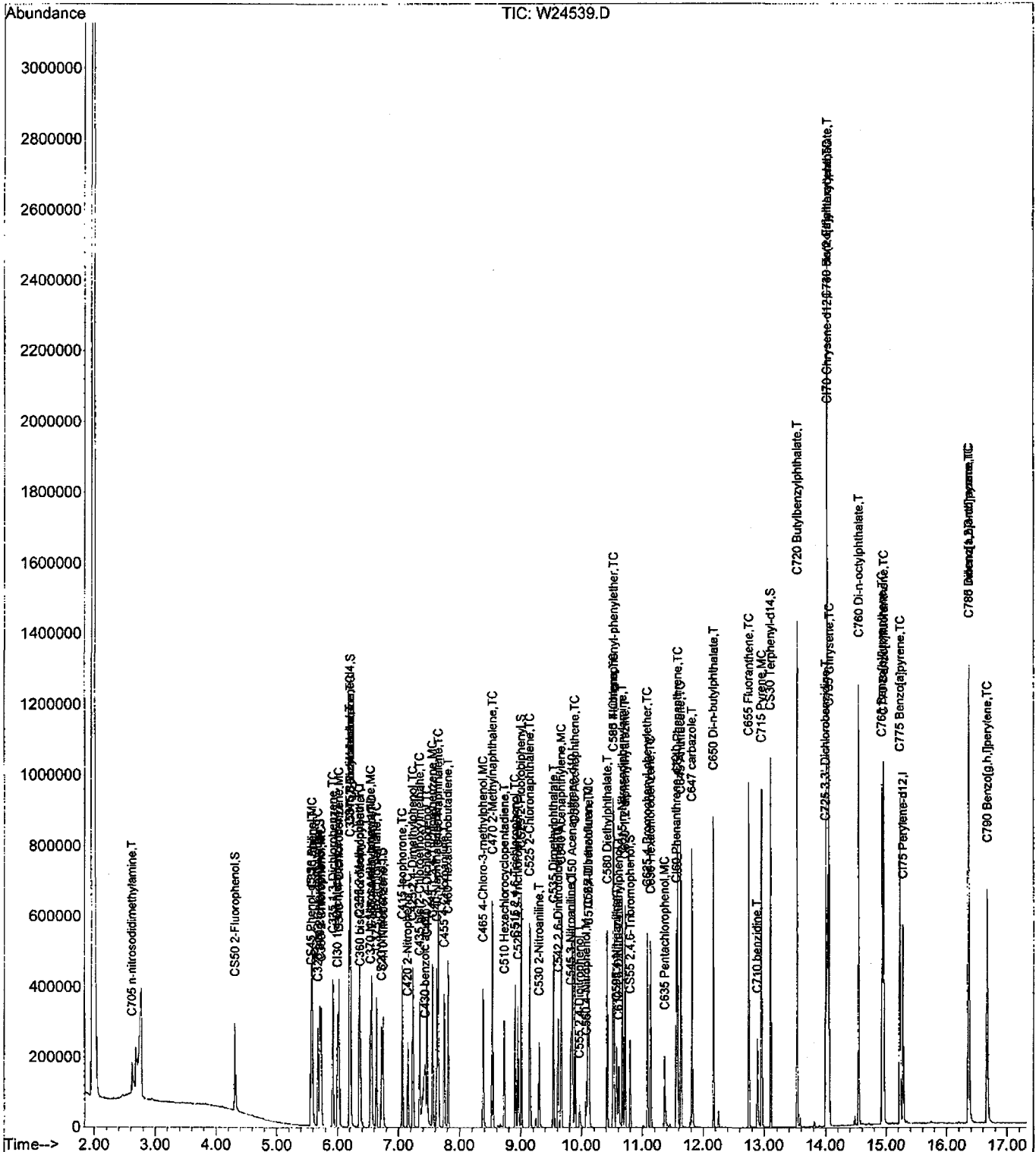
Handwritten signature/initials

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24539.D
Acq On : 23 Jun 2008 10:06 am
Sample : SSTD050
Misc : 8270(4-9-08)
MS Integration Params: rteint.p

Vial: 4
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 23 13:59:37 2008 Results File: A8I0469.RES
Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:47:13 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24539.D
 Acq On : 23 Jun 2008 10:06 am
 Sample : SSTD050
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:59:37 2008

Vial: 4
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:47:13 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\062308\W24537.D (23 Jun 2008 9:20 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.99	152	55604	40.00	ng	0.00 99.49%
20) CI40 Naphthalene-d8	7.62	136	228555	40.00	ng	0.00 98.06%
35) CI50 Acenaphthene-d10	9.84	164	132099	40.00	ng	0.00 101.85%
56) CI60 Phenanthrene-d10	11.56	188	218446	40.00	ng	0.00 100.62%
68) CI70 Chrysene-d12	14.03	240	249913	40.00	ng	0.00 104.44%
78) CI75 Perylene-d12	15.28	264	217318	40.00	ng	0.00 99.55%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.30	112	97548	57.11	ng	-0.01
Spiked Amount 150.000	Range	21 - 110	Recovery =	38.07%		
5) CS45 Phenol-d5	5.55	99	123415	54.93	ng	-0.01
Spiked Amount 150.000	Range	10 - 110	Recovery =	36.62%		
6) CS70 2-chlorophenol-d4	5.70	132	106049	59.50	ng	0.00
Spiked Amount 150.000	Range	33 - 110	Recovery =	39.67%		
12) CS75 1,2-dichlorobenzene-d	6.19	152	69282	58.98	ng	0.00
Spiked Amount 100.000	Range	16 - 110	Recovery =	58.98%		
21) CS20 Nitrobenzene-d5	6.71	82	105877	52.48	ng	0.00
Spiked Amount 100.000	Range	34 - 114	Recovery =	52.48%		
39) CS25 2-Fluorobiphenyl	9.00	172	222927	58.89	ng	0.00
Spiked Amount 100.000	Range	43 - 116	Recovery =	58.89%		
59) CS55 2,4,6-Tribromophenol	10.80	330	25879	50.87	ng	0.00
Spiked Amount 150.000	Range	10 - 123	Recovery =	33.91%		
71) CS30 Terphenyl-d14	13.10	244	296939	66.31	ng	0.00
Spiked Amount 100.000	Range	33 - 141	Recovery =	66.31%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.61	74	59876m	52.41	ng	# 0
4) C325 bis(2-Chloroethyl)eth	5.67	93	107208	55.61	ng	86
7) C315 Phenol	5.57	94	141154	52.77	ng	92
8) C330 2-Chlorophenol	5.72	128	111004	56.17	ng	85
9) C320 aniline	5.58	93	148977	53.71	ng	# 37
10) C335 1,3-Dichlorobenzene	5.92	146	120827	57.08	ng	96
11) C340 1,4-Dichlorobenzene	6.01	146	125331	57.95	ng	99
13) C350 1,2-Dichlorobenzene	6.20	146	118130	56.58	ng	98
14) C345 Benzyl alcohol	6.19	108	70490	55.44	ng	90
15) C360 bis(2-chloroisopropyl	6.37	45	133155	52.61	ng	77
16) C355 2-Methylphenol	6.35	108	94039	54.86	ng	97
17) C375 Hexachloroethane	6.63	117	47396	54.86	ng	98
18) C370 N-Nitroso-di-n-propyl	6.54	70	74697	55.13	ng	87
19) C365 4-Methylphenol	6.55	108	101545	53.54	ng	97
22) C410 Nitrobenzene	6.74	77	106452	49.29	ng	85
23) C415 Isophorone	7.05	82	199387	51.44	ng	93
24) C430 benzoic acid	7.43	122	127306	107.17	ng	92
25) C420 2-Nitrophenol	7.15	139	55502	55.95	ng	83
26) C425 2,4-Dimethylphenol	7.23	107	99526	50.25	ng	84
27) C435 bis(2-Chloroethoxy)me	7.34	93	120936	53.13	ng	97
28) C440 2,4-Dichlorophenol	7.46	162	88869	54.09	ng	96

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24539.D
 Acq On : 23 Jun 2008 10:06 am
 Sample : SSTD050
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:59:37 2008

Vial: 4
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:47:13 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\062308\W24537.D (23 Jun 2008 9:20 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.56	180	95258	54.46	ng		98
30) C450 Naphthalene	7.65	128	320995	55.03	ng		97
31) C455 4-Chloroaniline	7.74	127	129285	54.56	ng		99
32) C460 Hexachlorobutadiene	7.81	225	55355	58.05	ng		99
33) C465 4-Chloro-3-methylphen	8.38	107	84810	49.86	ng		89
34) C470 2-Methylnaphthalene	8.53	142	213020	55.48	ng		91
36) C510 Hexachlorocyclopentad	8.73	237	46512	54.04	ng		99
37) C515 2,4,6-Trichlorophenol	8.90	196	59699	58.67	ng		98
38) C520 2,4,5-Trichlorophenol	8.95	196	64899	58.12	ng		99
40) C525 2-Chloronaphthalene	9.15	162	198744	59.89	ng		94
41) C530 2-Nitroaniline	9.30	65	44714	41.42	ng	#	77
42) C540 Acenaphthylene	9.67	152	309843	57.71	ng		96
43) C535 Dimethylphthalate	9.54	163	218558	57.14	ng		99
44) C542 2,6-Dinitrotoluene	9.61	165	48754	54.49	ng		86
45) C550 Acenaphthene	9.89	153	194376	56.41	ng		95
46) C545 3-Nitroaniline	9.82	138	55046	53.29	ng	#	83
47) C555 2,4-Dinitrophenol	9.96	184	14611	35.42	ng	#	83
48) C565 Dibenzofuran	10.10	168	190446	38.13	ng		82
49) C570 2,4-Dinitrotoluene	10.12	165	67507	57.21	ng	#	1
50) C560 4-Nitrophenol	10.07	109	25612	45.87	ng	#	79
51) C590 Fluorene	10.52	166	226298	56.20	ng		98
52) C585 4-Chlorophenyl-phenyl	10.53	204	107662	55.74	ng		99
53) C580 Diethylphthalate	10.42	149	221326	56.57	ng		98
54) C620 1,2 diphenylhydrazine	10.71	77	228407	50.84	ng		96
55) C595 4-Nitroaniline	10.57	138	55818	52.71	ng		84
57) C610 4,6-Dinitro-2-methylp	10.61	198	29389	45.09	ng		100
58) C615 n-Nitrosodiphenylamin	10.67	169	155989	55.50	ng		95
60) C625 4-Bromophenyl-phenyle	11.08	248	62034	62.23	ng		96
61) C630 Hexachlorobenzene	11.14	284	66281	59.65	ng		98
62) C635 Pentachlorophenol	11.37	266	27299	49.86	ng		96
63) C640 Phenanthrene	11.58	178	321265	57.43	ng		97
64) C645 Anthracene	11.63	178	328110	59.18	ng		99
65) C647 carbazole	11.81	167	331374	61.99	ng		96
66) C650 Di-n-butylphthalate	12.17	149	400158	65.42	ng		99
67) C655 Fluoranthene	12.75	202	374839	62.91	ng		94
69) C715 Pyrene	12.96	202	393868	53.60	ng		98
70) C710 benzidine	12.89	184	111254	41.25	ng		99
72) C720 Butylbenzylphthalate	13.53	149	194329	58.89	ng		95
73) C725 3,3'-Dichlorobenzidin	14.00	252	145236	61.03	ng		98
74) C730 Benzo[a]anthracene	14.02	228	415055	62.95	ng		99
75) C735 Chrysene	14.06	228	375874	58.54	ng		98
76) C740 bis(2-Ethylhexyl)phth	14.02	149	292657	60.18	ng		99
77) C760 Di-n-octylphthalate	14.54	149	479007	65.37	ng		100
79) C765 Benzo[b]fluoranthene	14.93	252	430708	62.18	ng		97
80) C770 Benzo[k]fluoranthene	14.96	252	377215	56.12	ng		99
81) C775 Benzo[a]pyrene	15.23	252	386212	59.64	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.36	276	462187	58.09	ng		100
83) C785 Dibenz[a,h]anthracene	16.37	278	400811	57.60	ng		99
84) C790 Benzo[g,h,i]perylene	16.67	276	396661	58.21	ng		97

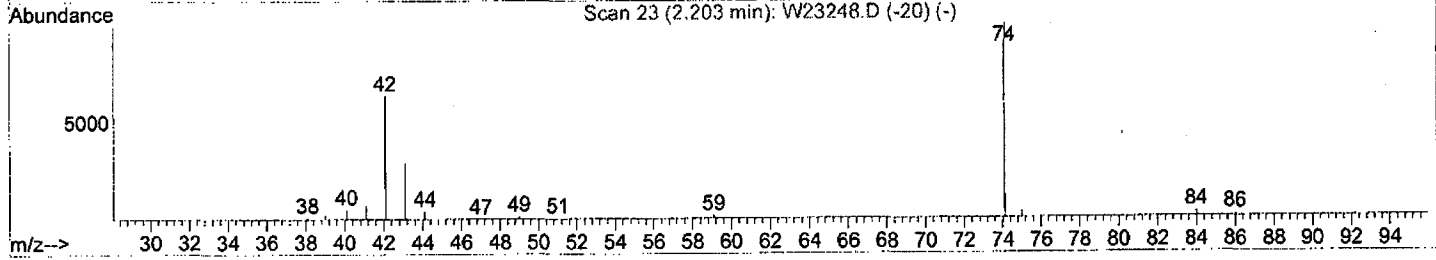
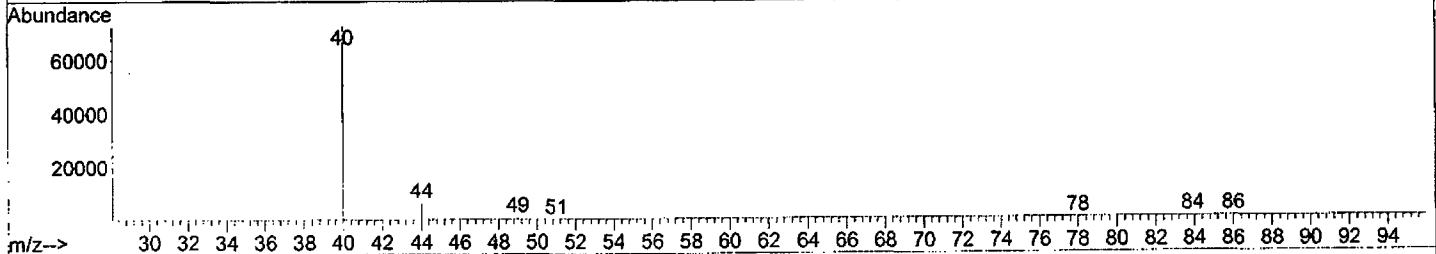
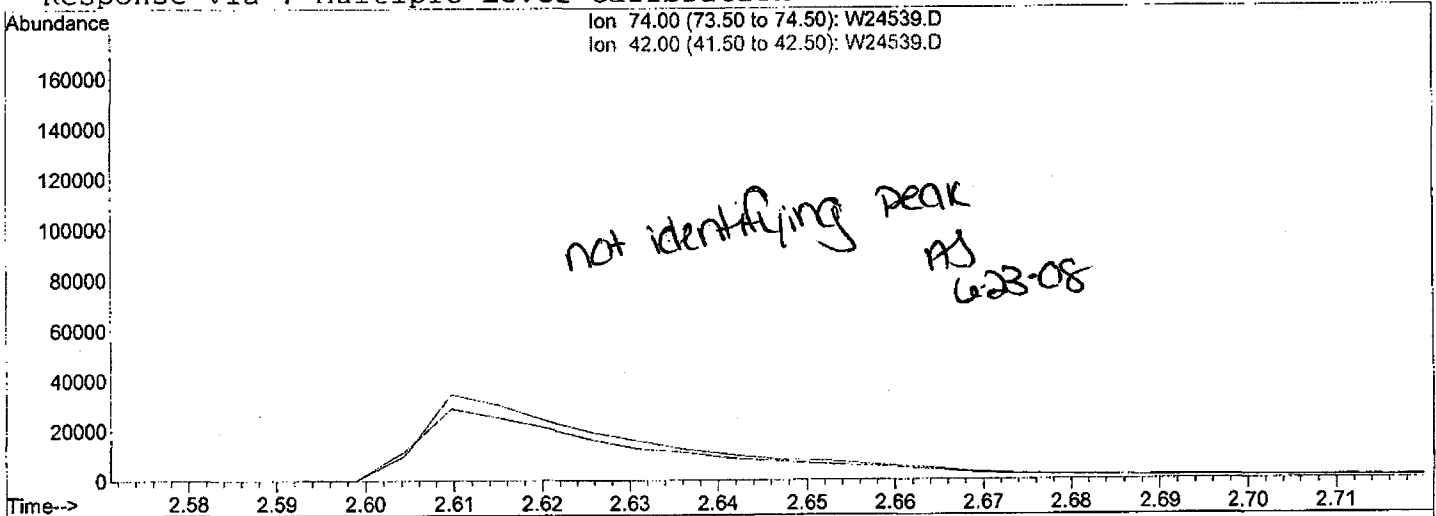
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24539.D
Acq On : 23 Jun 2008 10:06 am
Sample : SSTD050
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:47:58 2008

Vial: 4
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24539.D

(2) C705 n-nitrosodimethylamine (T)

2.22min (-2.224) 0.00ng

response 0

Ion	Exp%	Act%
74.00	100	0.00
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

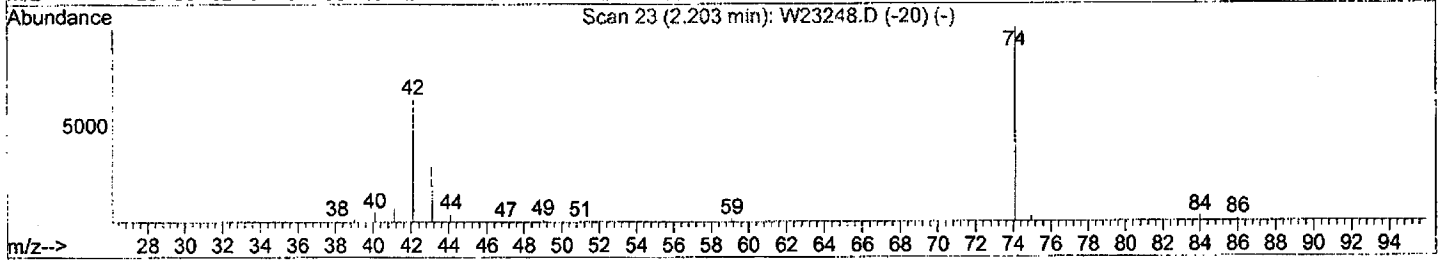
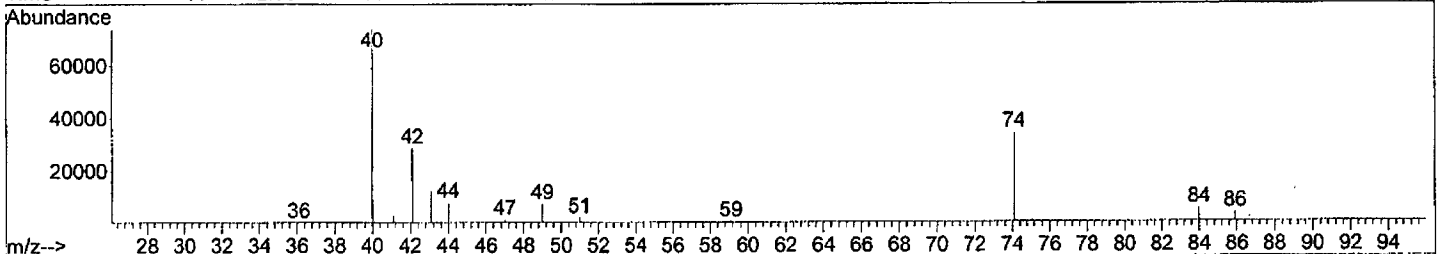
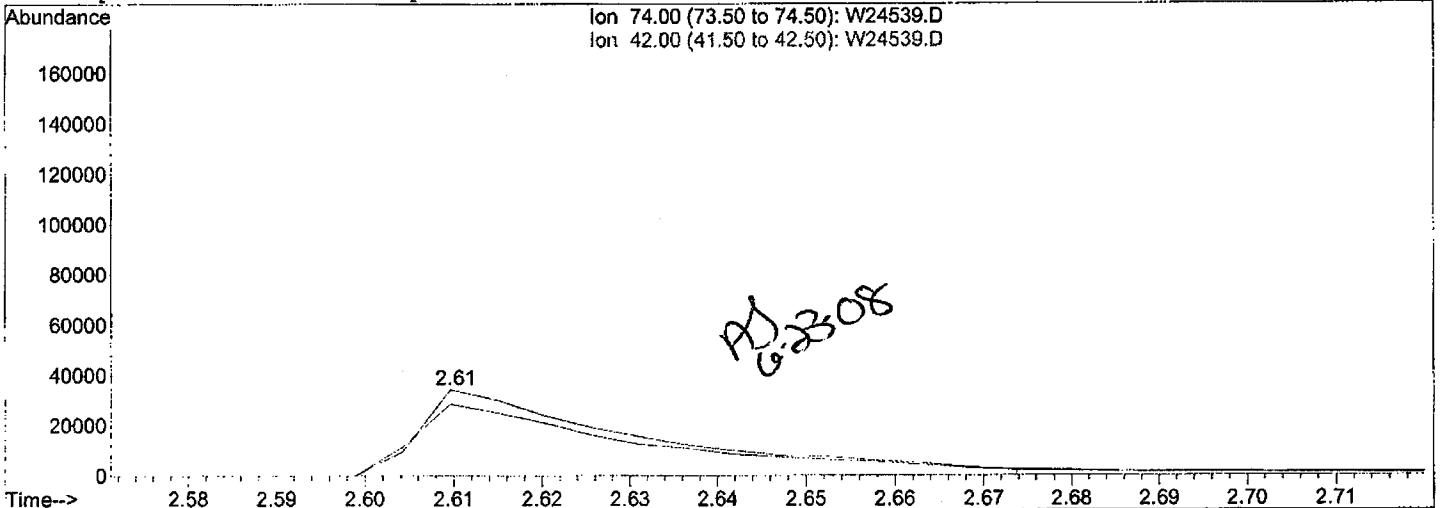
AJ
6/23/08

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24539.D
 Acq On : 23 Jun 2008 10:06 am
 Sample : SSTD050
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:47:58 2008

Vial: 4
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:50:33 2008
 Response via : Multiple Level Calibration



TIC: W24539.D

(2) C705 n-nitrosodimethylamine (T)

2.61min (+0.385) 52.41ng m

response 59876

Ion	Exp%	Act%
74.00	100	100
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

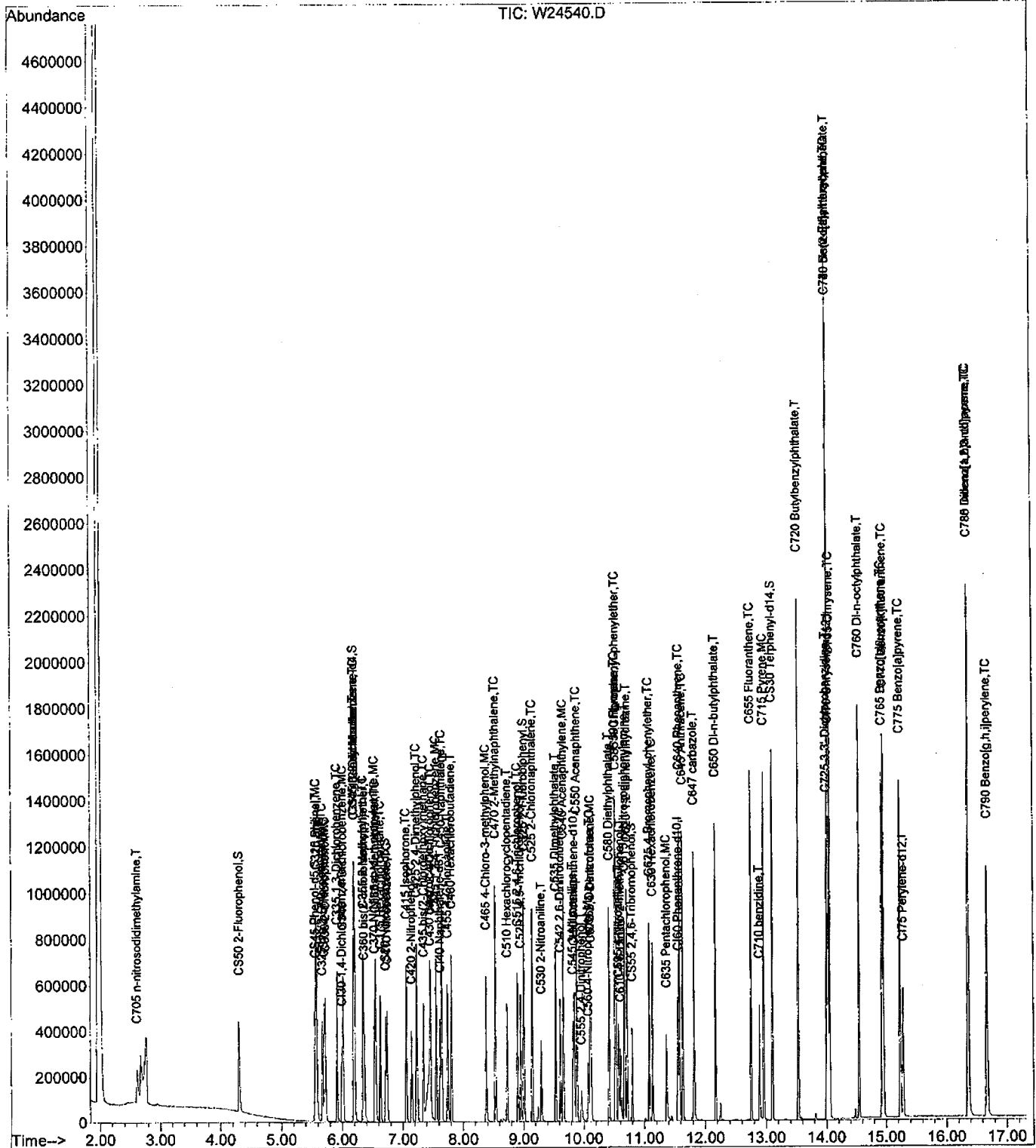
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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24540.D
Acq On : 23 Jun 2008 10:29 am
Sample : SSTD080
Misc : 8270(4-9-08)
MS Integration Params: rteint.p

Vial: 5
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 23 13:59:54 2008 Results File: A8I0469.RES
Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:47:13 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24540.D
 Acq On : 23 Jun 2008 10:29 am
 Sample : SSTD080
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:59:54 2008

Vial: 5
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:47:13 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\062308\W24537.D (23 Jun 2008 9:20 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
						Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.99	152	54414	40.00	ng	0.00 97.36%
20) CI40 Naphthalene-d8	7.62	136	223722	40.00	ng	0.00 95.99%
35) CI50 Acenaphthene-d10	9.84	164	127063	40.00	ng	0.00 97.97%
56) CI60 Phenanthrene-d10	11.56	188	212272	40.00	ng	0.00 97.78%
68) CI70 Chrysene-d12	14.04	240	249974	40.00	ng	0.00 104.46%
78) CI75 Perylene-d12	15.28	264	211514	40.00	ng	0.00 96.89%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.30	112	152135	91.02	ng	-0.01
Spiked Amount 150.000	Range 21 - 110		Recovery =			60.68%
5) CS45 Phenol-d5	5.56	99	194052	88.25	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =			58.83%
6) CS70 2-chlorophenol-d4	5.70	132	164796	94.48	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =			62.99%
12) CS75 1,2-dichlorobenzene-d	6.19	152	104381	90.81	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =			90.81%
21) CS20 Nitrobenzene-d5	6.72	82	165404	83.76	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =			83.76%
39) CS25 2-Fluorobiphenyl	9.01	172	345107	94.78	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =			94.78%
59) CS55 2,4,6-Tribromophenol	10.80	330	40479	79.25	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =			52.83%
71) CS30 Terphenyl-d14	13.10	244	461940	103.13	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =			103.13%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.60	74	96523m	86.34	ng	# 0
4) C325 bis(2-Chloroethyl)eth	5.67	93	158634	84.08	ng	87
7) C315 Phenol	5.57	94	220666	84.30	ng	94
8) C330 2-Chlorophenol	5.72	128	170765	88.30	ng	85
9) C320 aniline	5.58	93	233233	85.92	ng	# 38
10) C335 1,3-Dichlorobenzene	5.92	146	182610	88.16	ng	98
11) C340 1,4-Dichlorobenzene	6.02	146	187421	88.55	ng	98
13) C350 1,2-Dichlorobenzene	6.20	146	178339	87.29	ng	97
14) C345 Benzyl alcohol	6.19	108	112929	90.76	ng	89
15) C360 bis(2-chloroisopropyl	6.37	45	205137	82.83	ng	79
16) C355 2-Methylphenol	6.35	108	144766	86.30	ng	94
17) C375 Hexachloroethane	6.63	117	72626	85.90	ng	95
18) C370 N-Nitroso-di-n-propyl	6.54	70	115529	87.12	ng	92
19) C365 4-Methylphenol	6.55	108	159472	85.93	ng	94
22) C410 Nitrobenzene	6.74	77	167307	79.15	ng	87
23) C415 Isophorone	7.05	82	304253	80.18	ng	93
24) C430 benzoic acid	7.45	122	184489	158.66	ng	93
25) C420 2-Nitrophenol	7.15	139	88996	91.66	ng	84
26) C425 2,4-Dimethylphenol	7.23	107	160853	82.96	ng	90
27) C435 bis(2-Chloroethoxy)me	7.35	93	185178	83.11	ng	96
28) C440 2,4-Dichlorophenol	7.46	162	140124	87.13	ng	96

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24540.D
 Acq On : 23 Jun 2008 10:29 am
 Sample : SSTD080
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:59:54 2008

Vial: 5
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:47:13 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\062308\W24537.D (23 Jun 2008 9:20 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.56	180	145345	84.89	ng		97
30) C450 Naphthalene	7.65	128	492502	86.26	ng		97
31) C455 4-Chloroaniline	7.74	127	200814	86.58	ng		100
32) C460 Hexachlorobutadiene	7.81	225	85417	91.51	ng		99
33) C465 4-Chloro-3-methylphen	8.38	107	132307	79.47	ng		87
34) C470 2-Methylnaphthalene	8.53	142	328552	87.41	ng		94
36) C510 Hexachlorocyclopentad	8.73	237	77919	87.75	ng		98
37) C515 2,4,6-Trichlorophenol	8.90	196	92713	94.73	ng		95
38) C520 2,4,5-Trichlorophenol	8.95	196	100843	93.89	ng		99
40) C525 2-Chloronaphthalene	9.15	162	310162	97.16	ng		95
41) C530 2-Nitroaniline	9.30	65	62625	60.31	ng	#	75
42) C540 Acenaphthylene	9.67	152	478542	92.67	ng		99
43) C535 Dimethylphthalate	9.54	163	334235	90.84	ng		100
44) C542 2,6-Dinitrotoluene	9.61	165	75949	86.00	ng		89
45) C550 Acenaphthene	9.89	153	295193	89.06	ng		94
46) C545 3-Nitroaniline	9.82	138	86830	84.94	ng		85
47) C555 2,4-Dinitrophenol	9.96	184	26173	55.11	ng	#	80
48) C565 Dibenzofuran	10.10	168	247771	51.57	ng		84
49) C570 2,4-Dinitrotoluene	10.12	165	106368	93.72	ng	#	1
50) C560 4-Nitrophenol	10.07	109	41586	72.33	ng	#	82
51) C590 Fluorene	10.52	166	347916	89.82	ng		99
52) C585 4-Chlorophenyl-phenyl	10.53	204	162688	87.57	ng		97
53) C580 Diethylphthalate	10.42	149	336866	89.51	ng		99
54) C620 1,2 diphenylhydrazine	10.71	77	348421	80.63	ng		94
55) C595 4-Nitroaniline	10.57	138	89310	85.02	ng		86
57) C610 4,6-Dinitro-2-methylp	10.61	198	49778	72.95	ng		100
58) C615 n-Nitrosodiphenylamin	10.68	169	240671	88.12	ng		95
60) C625 4-Bromophenyl-phenyle	11.08	248	95376	98.47	ng		95
61) C630 Hexachlorobenzene	11.14	284	103709	96.06	ng		89
62) C635 Pentachlorophenol	11.37	266	47154	79.40	ng		98
63) C640 Phenanthrene	11.58	178	499899	91.96	ng		98
64) C645 Anthracene	11.63	178	511747	94.98	ng		98
65) C647 carbazole	11.81	167	507820	97.76	ng		97
66) C650 Di-n-butylphthalate	12.17	149	613639	103.24	ng		99
67) C655 Fluoranthene	12.75	202	580650	100.29	ng		94
69) C715 Pyrene	12.96	202	603123	82.05	ng		98
70) C710 benzidine	12.89	184	199214	73.85	ng		100
72) C720 Butylbenzylphthalate	13.53	149	296810	89.92	ng		99
73) C725 3,3'-Dichlorobenzidin	14.00	252	229927	96.59	ng		100
74) C730 Benzo[a]anthracene	14.03	228	651285	98.76	ng		98
75) C735 Chrysene	14.06	228	589628	91.81	ng		97
76) C740 bis(2-Ethylhexyl)phth	14.02	149	458577	94.28	ng		100
77) C760 Di-n-octylphthalate	14.54	149	744866	101.62	ng		99
79) C765 Benzo[b]fluoranthene	14.93	252	643535	95.45	ng		99
80) C770 Benzo[k]fluoranthene	14.96	252	628070	96.00	ng		97
81) C775 Benzo[a]pyrene	15.23	252	611954	97.10	ng		99
82) C780 Indeno[1,2,3-cd]pyren	16.37	276	758921	98.01	ng		99
83) C785 Dibenz[a,h]anthracene	16.37	278	662406	97.80	ng		97
84) C790 Benzo[g,h,i]perylene	16.68	276	636187	95.92	ng		97

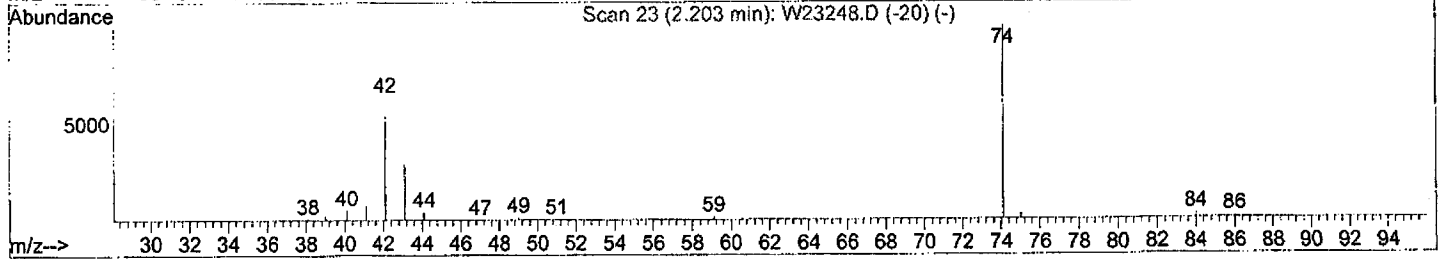
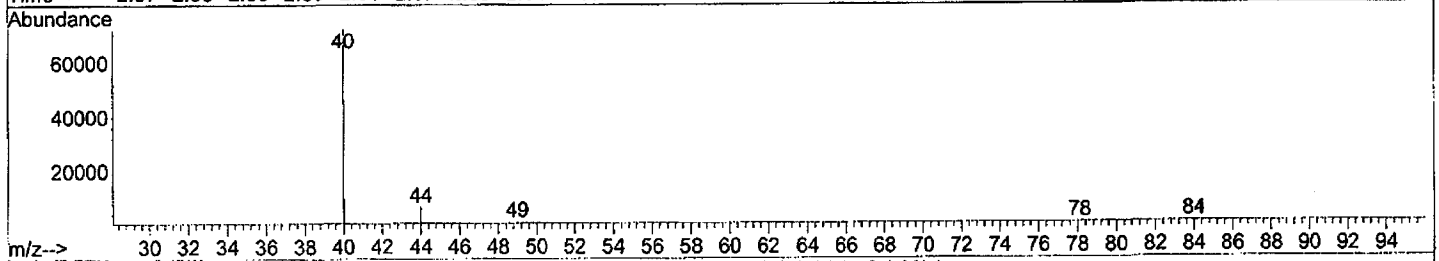
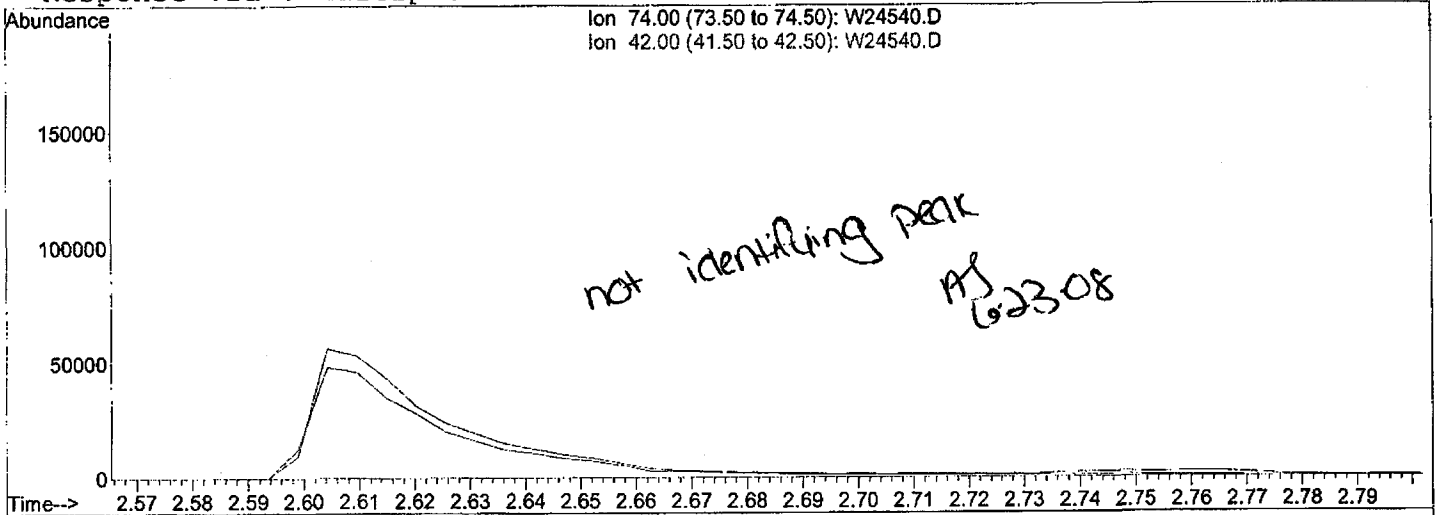
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24540.D
Acq On : 23 Jun 2008 10:29 am
Sample : SSTD080
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:48:24 2008

Vial: 5
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24540.D

(2) C705 n-nitrosodimethylamine (T)

2.22min (-2.224) 0.00ng

response 0

Ion	Exp%	Act%
74.00	100	0.00
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

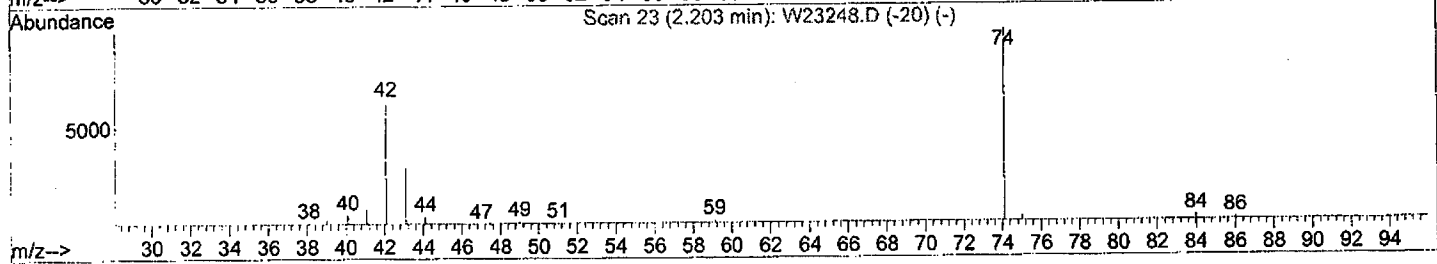
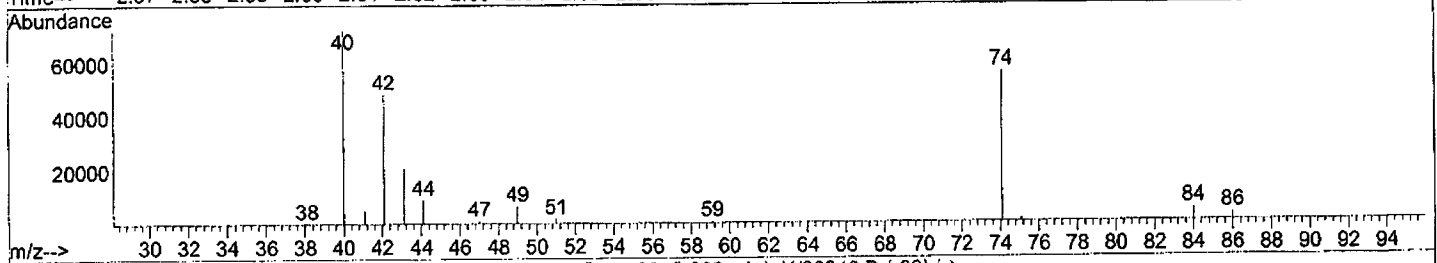
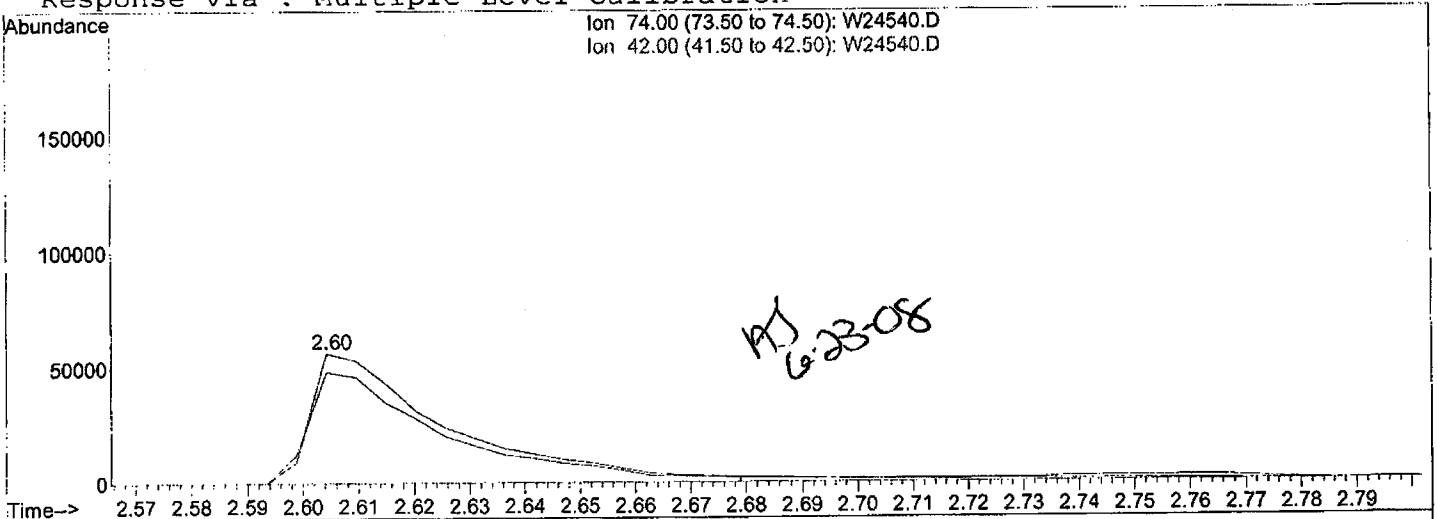
Handwritten signature and date: 6/23/08

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24540.D
Acq On : 23 Jun 2008 10:29 am
Sample : SSTD080
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:48:24 2008

Vial: 5
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24540.D

(2) C705 n-nitrosodimethylamine (T)

2.60min (+0.380) 86.34ng m

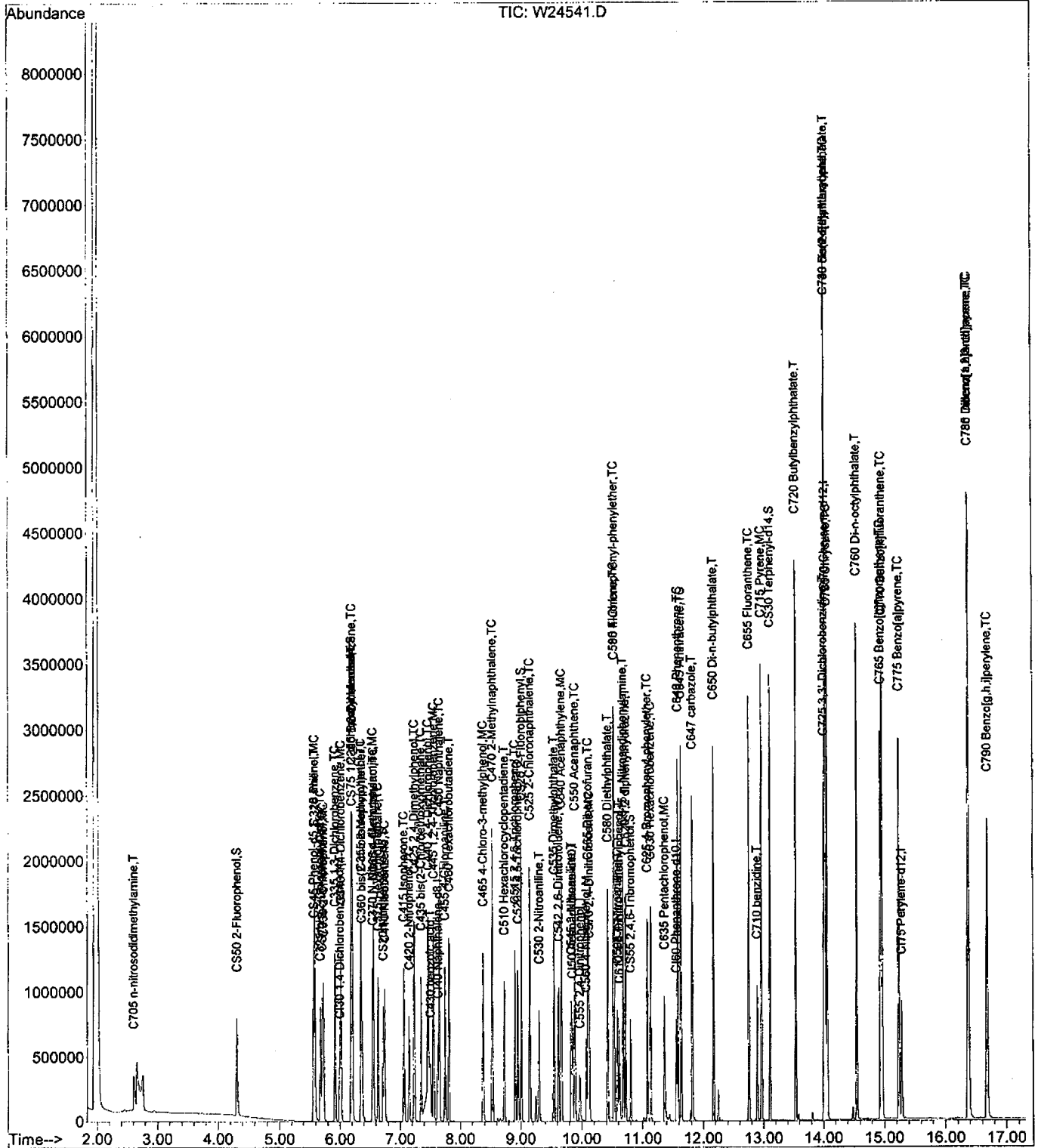
response 96523

Ion	Exp%	Act%
74.00	100	100
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : C:\MSDCHEM\1\DATA\062308\W24541.D
Acq On : 23 Jun 2008 10:52 am
Sample : SSTD120
Misc : 8270(4-9-08)
MS Integration Params: rteint.p

Vial: 6
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 23 14:00:09 2008 Results File: A8I0469.RES
Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:47:13 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24541.D
 Acq On : 23 Jun 2008 10:52 am
 Sample : SSTD120
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 14:00:09 2008

Vial: 6
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:47:13 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\062308\W24537.D (23 Jun 2008 9:20 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	6.00	152	74885	40.00	ng	0.00	133.98%
20) CI40 Naphthalene-d8	7.63	136	315327	40.00	ng	0.00	135.29%
35) CI50 Acenaphthene-d10	9.84	164	165429	40.00	ng	0.00	127.55%
56) CI60 Phenanthrene-d10	11.56	188	297419	40.00	ng	0.00	137.00%
68) CI70 Chrysene-d12	14.04	240	365862	40.00	ng	0.00	152.89%
78) CI75 Perylene-d12	15.28	264	310799	40.00	ng	0.00	142.37%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.31	112	303065	131.75	ng	0.00	
Spiked Amount 150.000	Range 21	- 110	Recovery =	87.83%			
5) CS45 Phenol-d5	5.56	99	391847	129.49	ng	0.00	
Spiked Amount 150.000	Range 10	- 110	Recovery =	86.33%			
6) CS70 2-chlorophenol-d4	5.71	132	330921	137.85	ng	0.00	
Spiked Amount 150.000	Range 33	- 110	Recovery =	91.90%			
12) CS75 1,2-dichlorobenzene-d	6.19	152	202636	128.09	ng	0.00	
Spiked Amount 100.000	Range 16	- 110	Recovery =	128.09%#			
21) CS20 Nitrobenzene-d5	6.72	82	327499	117.66	ng	0.00	
Spiked Amount 100.000	Range 34	- 114	Recovery =	117.66%#			
39) CS25 2-Fluorobiphenyl	9.01	172	678946	143.22	ng	0.00	
Spiked Amount 100.000	Range 43	- 116	Recovery =	143.22%#			
59) CS55 2,4,6-Tribromophenol	10.80	330	84871	116.46	ng	0.00	
Spiked Amount 150.000	Range 10	- 123	Recovery =	77.64%			
71) CS30 Terphenyl-d14	13.11	244	994182	151.65	ng	0.00	
Spiked Amount 100.000	Range 33	- 141	Recovery =	151.65%#			

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue	#
2) C705 n-nitrosodidimethylam	2.60	74	197378m	128.29	ng		0
4) C325 bis(2-Chloroethyl)eth	5.68	93	324971	125.16	ng		85
7) C315 Phenol	5.58	94	440566	122.30	ng		92
8) C330 2-Chlorophenol	5.73	128	342762	128.79	ng		86
9) C320 aniline	5.58	93	443958	118.85	ng		31
10) C335 1,3-Dichlorobenzene	5.92	146	358120	125.63	ng		97
11) C340 1,4-Dichlorobenzene	6.02	146	371244	127.45	ng		97
13) C350 1,2-Dichlorobenzene	6.21	146	355897	126.58	ng		98
14) C345 Benzyl alcohol	6.20	108	232256	135.64	ng		88
15) C360 bis(2-chloroisopropyl	6.37	45	404697	118.73	ng		74
16) C355 2-Methylphenol	6.35	108	290422	125.81	ng		96
17) C375 Hexachloroethane	6.63	117	143687	123.50	ng		92
18) C370 N-Nitroso-di-n-propyl	6.54	70	230507	126.31	ng		91
19) C365 4-Methylphenol	6.56	108	325992	127.63	ng		96
22) C410 Nitrobenzene	6.74	77	332200	111.50	ng		87
23) C415 Isophorone	7.06	82	603477	112.84	ng		95
24) C430 benzoic acid	7.50	122	457776	279.32	ng		94
25) C420 2-Nitrophenol	7.15	139	177876	129.98	ng		82
26) C425 2,4-Dimethylphenol	7.24	107	328575	120.24	ng		91
27) C435 bis(2-Chloroethoxy)me	7.35	93	369567	117.67	ng		98
28) C440 2,4-Dichlorophenol	7.47	162	281995	124.40	ng		94

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24541.D
 Acq On : 23 Jun 2008 10:52 am
 Sample : SSTD120
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 14:00:09 2008

Vial: 6
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:47:13 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\062308\W24537.D (23 Jun 2008 9:20 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.56	180	291109	120.63	ng		99
30) C450 Naphthalene	7.65	128	988461	122.83	ng		97
31) C455 4-Chloroaniline	7.74	127	393622	120.41	ng		99
32) C460 Hexachlorobutadiene	7.81	225	169188	128.59	ng		97
33) C465 4-Chloro-3-methylphen	8.38	107	262726	111.96	ng		89
34) C470 2-Methylnaphthalene	8.53	142	657530	124.12	ng		94
36) C510 Hexachlorocyclopentad	8.73	237	173570	144.04	ng		99
37) C515 2,4,6-Trichlorophenol	8.90	196	187713	147.32	ng		97
38) C520 2,4,5-Trichlorophenol	8.95	196	198517	141.97	ng		99
40) C525 2-Chloronaphthalene	9.15	162	610809	146.97	ng		96
41) C530 2-Nitroaniline	9.30	65	153898	113.84	ng	#	76
42) C540 Acenaphthylene	9.67	152	944766	140.52	ng		97
43) C535 Dimethylphthalate	9.54	163	664078	138.63	ng		99
44) C542 2,6-Dinitrotoluene	9.62	165	150780	129.23	ng		90
45) C550 Acenaphthene	9.89	153	529377	122.67	ng		98
46) C545 3-Nitroaniline	9.83	138	177788	131.39	ng	#	82
47) C555 2,4-Dinitrophenol	9.97	184	65560	94.40	ng	#	78
48) C565 Dibenzofuran	10.10	168	680048	108.72	ng		81
49) C570 2,4-Dinitrotoluene	10.13	165	209280	141.63	ng	#	1
50) C560 4-Nitrophenol	10.07	109	92213	117.98	ng		86
51) C590 Fluorene	10.52	166	733471	145.45	ng		99
52) C585 4-Chlorophenyl-phenyl	10.53	204	340897	140.94	ng		94
53) C580 Diethylphthalate	10.43	149	669555	136.66	ng		98
54) C620 1,2 diphenylhydrazine	10.72	77	690505	122.74	ng		94
55) C595 4-Nitroaniline	10.59	138	185678	133.38	ng		87
57) C610 4,6-Dinitro-2-methylp	10.61	198	109334	110.04	ng		100
58) C615 n-Nitrosodiphenylamin	10.68	169	482338	126.04	ng		97
60) C625 4-Bromophenyl-phenyle	11.09	248	189116	139.35	ng	#	89
61) C630 Hexachlorobenzene	11.14	284	202078	133.58	ng		95
62) C635 Pentachlorophenol	11.37	266	106950	121.17	ng		97
63) C640 Phenanthrene	11.58	178	1012740	132.96	ng		99
64) C645 Anthracene	11.64	178	1048625	138.91	ng		98
65) C647 carbazole	11.82	167	1033593	142.01	ng		97
66) C650 Di-n-butylphthalate	12.17	149	1234385	148.23	ng		99
67) C655 Fluoranthene	12.75	202	1184793	146.05	ng		95
69) C715 Pyrene	12.96	202	1261994	117.31	ng		97
70) C710 benzidine	12.89	184	391191	99.08	ng		100
72) C720 Butylbenzylphthalate	13.54	149	620926	128.53	ng		90
73) C725 3,3'-Dichlorobenzidin	14.00	252	492351	141.32	ng		97
74) C730 Benzo[a]anthracene	14.03	228	1352652	140.14	ng		98
75) C735 Chrysene	14.06	228	1274954	135.64	ng		97
76) C740 bis(2-Ethylhexyl)phth	14.02	149	957552	134.51	ng		99
77) C760 Di-n-octylphthalate	14.55	149	1542259	143.76	ng		100
79) C765 Benzo[b]fluoranthene	14.94	252	1375899	138.89	ng		99
80) C770 Benzo[k]fluoranthene	14.97	252	1338161	139.20	ng		98
81) C775 Benzo[a]pyrene	15.24	252	1315923	142.10	ng		97
82) C780 Indeno[1,2,3-cd]pyren	16.38	276	1691761	148.68	ng		89
83) C785 Dibenz[a,h]anthracene	16.38	278	1484872	149.20	ng		98
84) C790 Benzo[g,h,i]perylene	16.69	276	1416225	145.31	ng		98

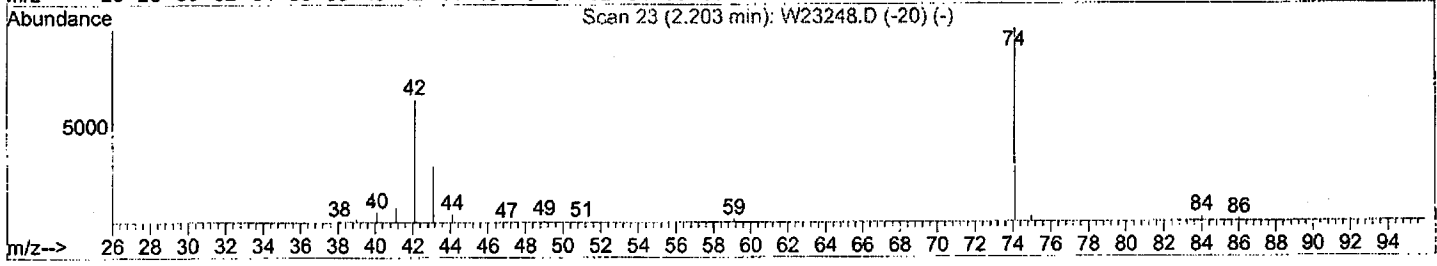
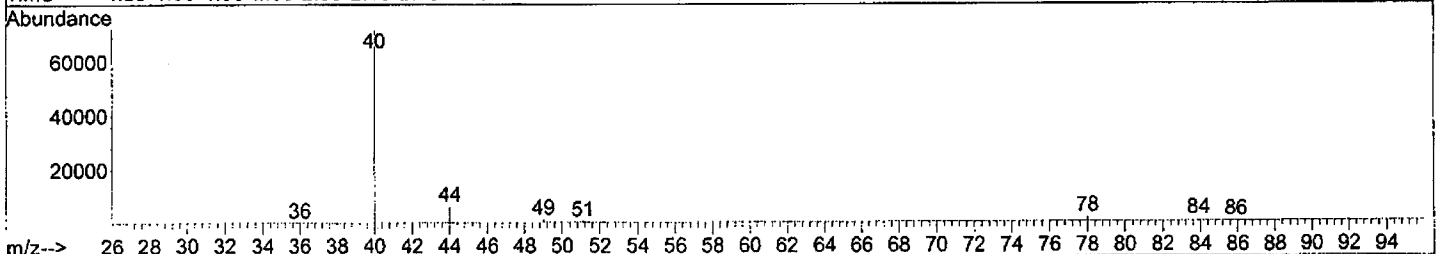
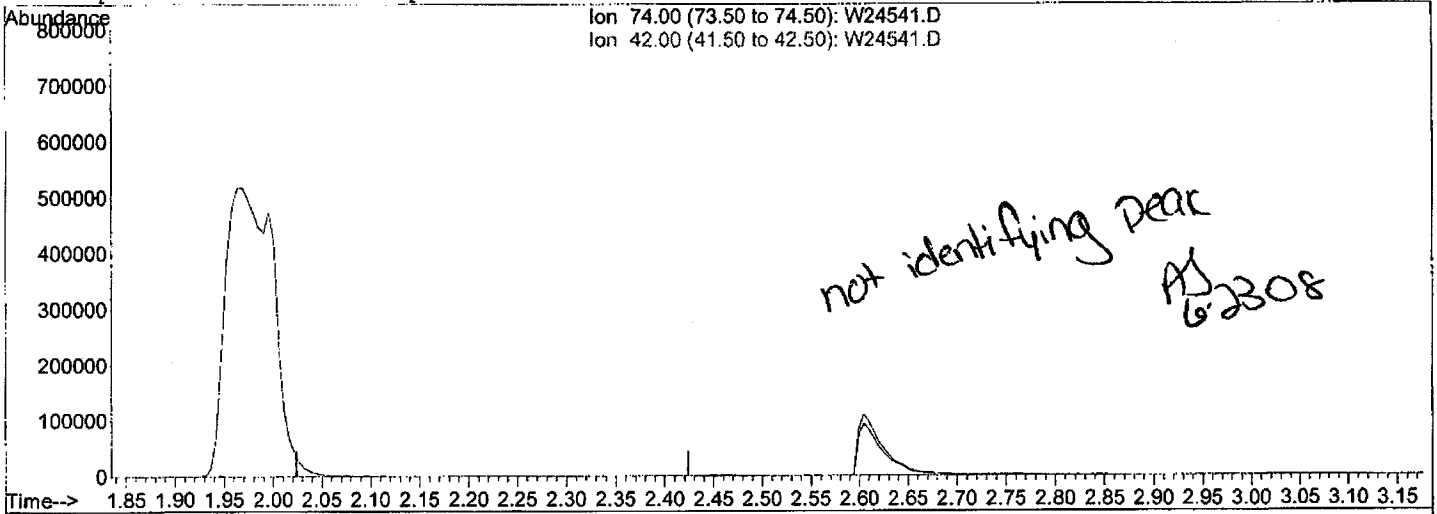
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24541.D
Acq On : 23 Jun 2008 10:52 am
Sample : SSTD120
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:48:34 2008

Vial: 6
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24541.D

(2) C705 n-nitrosodimethylamine (T)
2.22min (-2.224) 0.00ng
response 0

Ion	Exp%	Act%
74.00	100	0.00
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

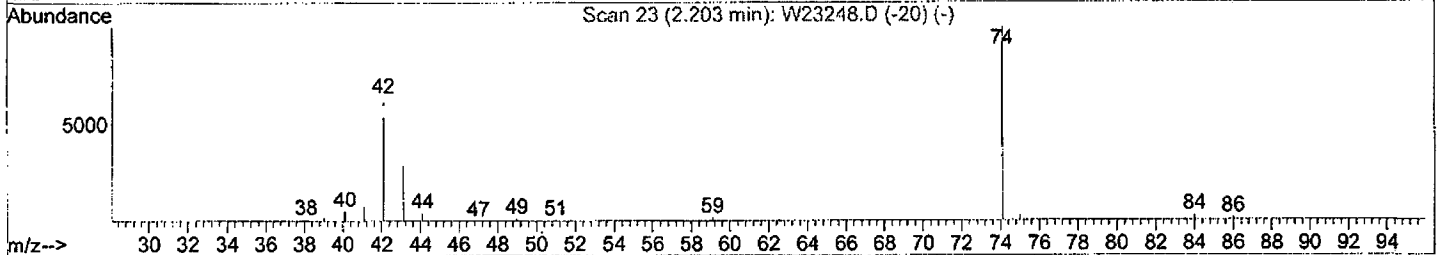
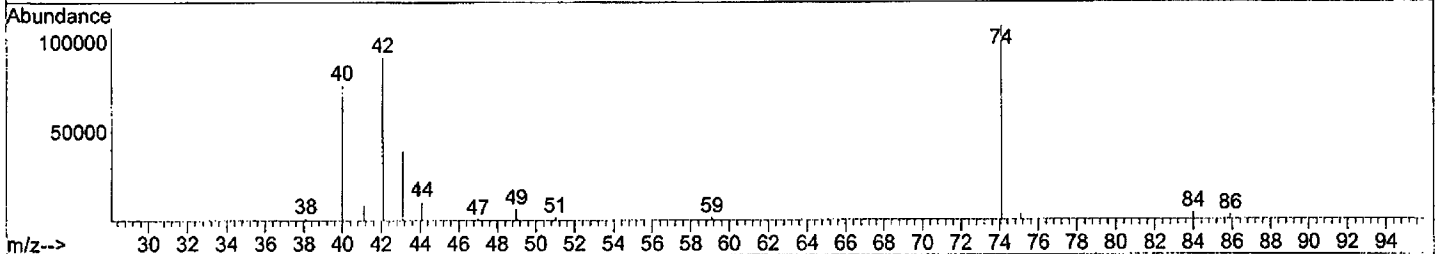
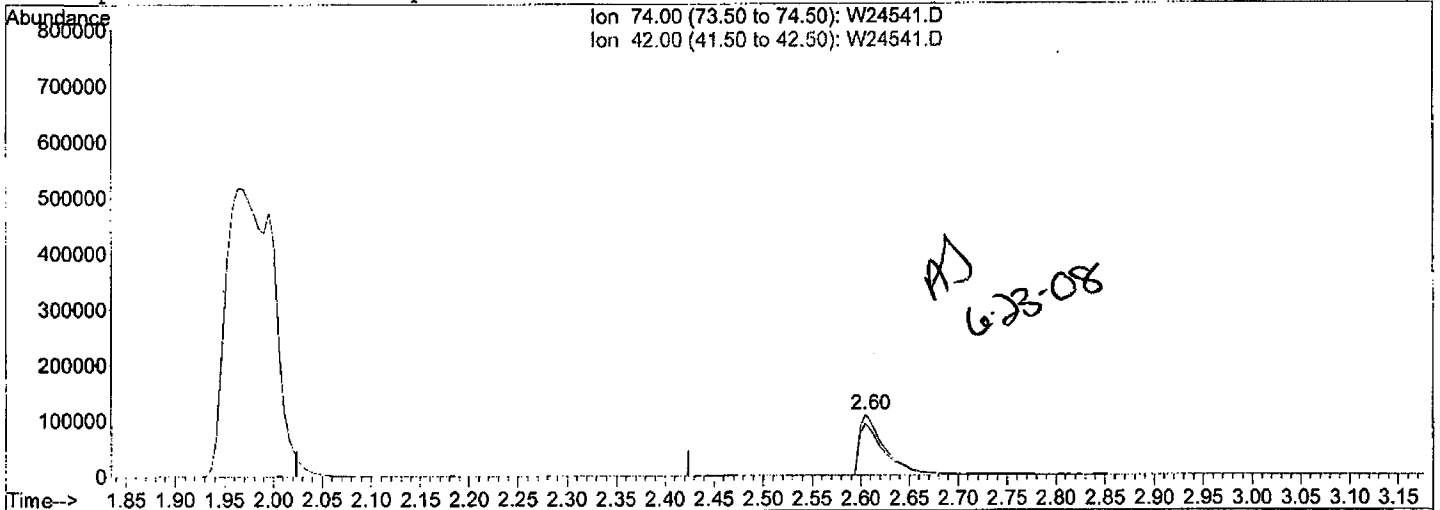
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Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24541.D
Acq On : 23 Jun 2008 10:52 am
Sample : SSTD120
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:48:34 2008

Vial: 6
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24541.D

(2) C705 n-nitrosodimethylamine (T)

2.60min (+0.380) 128.29ng m

response 197378

Ion	Exp%	Act%
74.00	100	100
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

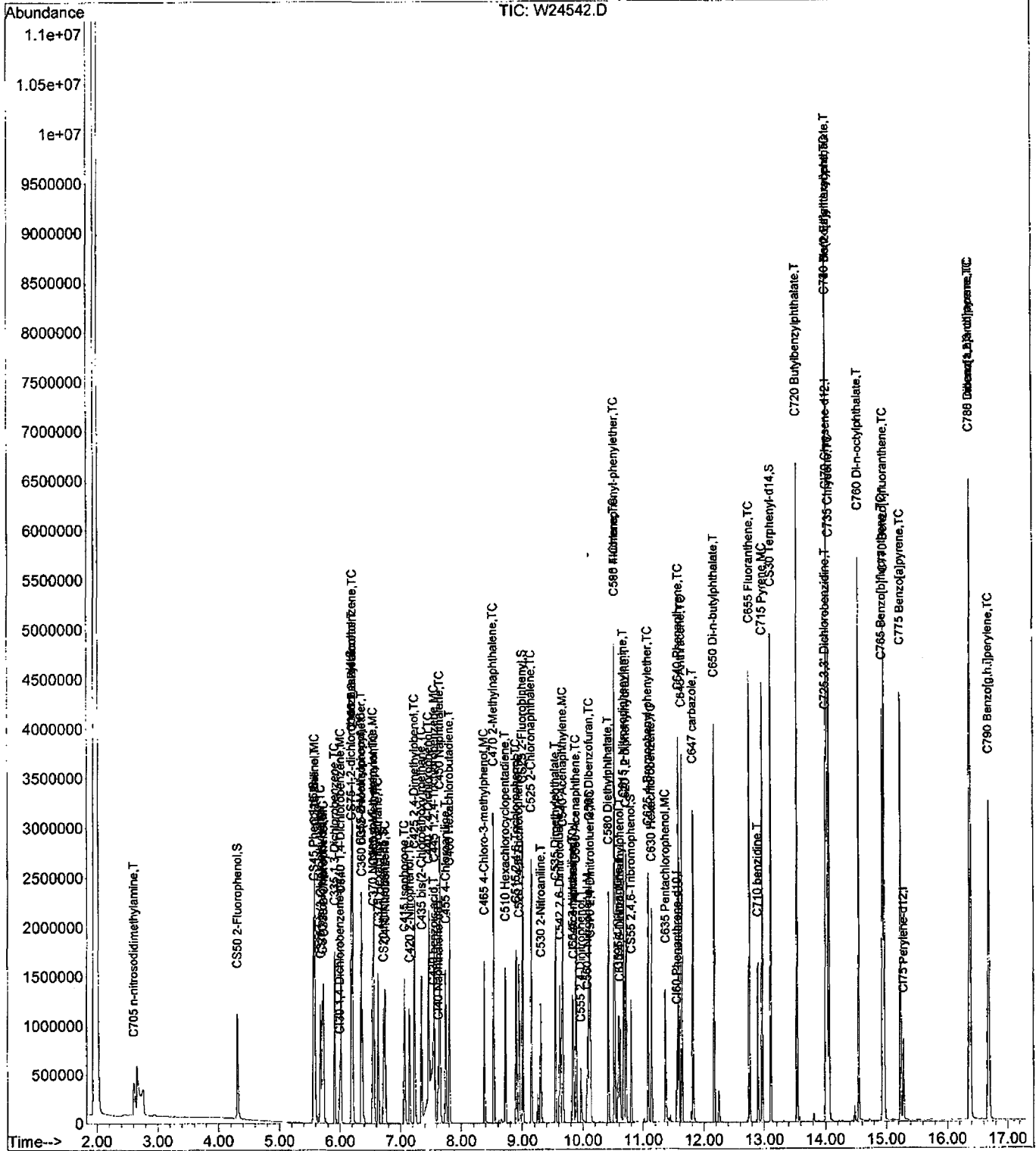
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Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24542.D
Acq On : 23 Jun 2008 11:15 am
Sample : SSTD160
Misc : 8270(4-9-08)
MS Integration Params: rteint.p

Vial: 7
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 23 14:01:08 2008 Results File: A8I0469.RES
Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:47:13 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24542.D
 Acq On : 23 Jun 2008 11:15 am
 Sample : SSTD160
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 14:01:08 2008

Vial: 7
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:47:13 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\062308\W24537.D (23 Jun 2008 9:20 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.00	152	69370	40.00	ng	0.00 124.12%
20) CI40 Naphthalene-d8	7.63	136	300966	40.00	ng	0.00 129.13%
35) CI50 Acenaphthene-d10	9.84	164	134431	40.00	ng	0.00 103.65%
56) CI60 Phenanthrene-d10	11.56	188	287036	40.00	ng	0.00 132.22%
68) CI70 Chrysene-d12	14.04	240	347462	40.00	ng	0.00 145.20%
78) CI75 Perylene-d12	15.29	264	299272	40.00	ng	0.00 137.09%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.31	112	430120	201.85	ng	0.00
Spiked Amount 150.000	Range 21	- 110	Recovery =	134.57%#		
5) CS45 Phenol-d5	5.57	99	549636	196.07	ng	0.00
Spiked Amount 150.000	Range 10	- 110	Recovery =	130.71%#		
6) CS70 2-chlorophenol-d4	5.71	132	463069	208.24	ng	0.00
Spiked Amount 150.000	Range 33	- 110	Recovery =	138.83%#		
12) CS75 1,2-dichlorobenzene-d	6.19	152	287214	195.99	ng	0.00
Spiked Amount 100.000	Range 16	- 110	Recovery =	195.99%#		
21) CS20 Nitrobenzene-d5	6.72	82	459028	172.79	ng	0.00
Spiked Amount 100.000	Range 34	- 114	Recovery =	172.79%#		
39) CS25 2-Fluorobiphenyl	9.01	172	975432	253.20	ng	0.00
Spiked Amount 100.000	Range 43	- 116	Recovery =	253.20%#		
59) CS55 2,4,6-Tribromophenol	10.80	330	126350	177.31	ng	0.00
Spiked Amount 150.000	Range 10	- 123	Recovery =	118.21%		
71) CS30 Terphenyl-d14	13.11	244	1448717	232.69	ng	0.00
Spiked Amount 100.000	Range 33	- 141	Recovery =	232.69%#		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue #
2) C705 n-nitrosodidimethylam	2.60	74	279886m	196.38	ng	0
4) C325 bis(2-Chloroethyl)eth	5.68	93	443499	184.39	ng	85
7) C315 Phenol	5.59	94	621391	186.21	ng	94
8) C330 2-Chlorophenol	5.73	128	481859	195.44	ng	85
9) C320 aniline	5.59	93	632742	182.85	ng	# 32
10) C335 1,3-Dichlorobenzene	5.92	146	503871	190.81	ng	98
11) C340 1,4-Dichlorobenzene	6.02	146	514104	190.53	ng	98
13) C350 1,2-Dichlorobenzene	6.21	146	507913	195.01	ng	97
14) C345 Benzyl alcohol	6.20	108	333043	209.96	ng	87
15) C360 bis(2-chloroisopropyl	6.37	45	569962	180.51	ng	62
16) C355 2-Methylphenol	6.35	108	416453	194.74	ng	95
17) C375 Hexachloroethane	6.63	117	203602	188.90	ng	89
18) C370 N-Nitroso-di-n-propyl	6.55	70	323131	191.15	ng	91
19) C365 4-Methylphenol	6.56	108	463013	195.69	ng	95
22) C410 Nitrobenzene	6.75	77	471156	165.68	ng	87
23) C415 Isophorone	7.07	82	845830	165.70	ng	95
24) C430 benzoic acid	7.54	122	709720	453.72	ng	94
25) C420 2-Nitrophenol	7.15	139	253582	194.14	ng	85
26) C425 2,4-Dimethylphenol	7.24	107	481988	184.79	ng	92
27) C435 bis(2-Chloroethoxy)me	7.35	93	522364	174.26	ng	98
28) C440 2,4-Dichlorophenol	7.47	162	402687	186.13	ng	95

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24542.D
 Acq On : 23 Jun 2008 11:15 am
 Sample : SSTD160
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 23 14:01:08 2008

Vial: 7
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 13:47:13 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\062308\W24537.D (23 Jun 2008 9:20 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.56	180	421032	182.79	ng		99
30) C450 Naphthalene	7.65	128	1417233	184.51	ng		97
31) C455 4-Chloroaniline	7.75	127	557350	178.63	ng		100
32) C460 Hexachlorobutadiene	7.81	225	246245	196.09	ng		99
33) C465 4-Chloro-3-methylphen	8.38	107	361040	161.19	ng		92
34) C470 2-Methylnaphthalene	8.53	142	954542	188.78	ng		96
36) C510 Hexachlorocyclopentad	8.73	237	258146	256.48	ng		99
37) C515 2,4,6-Trichlorophenol	8.91	196	266646	257.52	ng		97
38) C520 2,4,5-Trichlorophenol	8.95	196	269492	237.16	ng		99
40) C525 2-Chloronaphthalene	9.15	162	880927	260.84	ng		96
41) C530 2-Nitroaniline	9.30	65	233510	212.57	ng	#	81
42) C540 Acenaphthylene	9.67	152	1287809	235.71	ng		98
43) C535 Dimethylphthalate	9.55	163	950341	244.13	ng		99
44) C542 2,6-Dinitrotoluene	9.62	165	219398	228.53	ng		93
45) C550 Acenaphthene	9.89	153	603151	171.99	ng		98
46) C545 3-Nitroaniline	9.83	138	249910	224.49	ng	#	82
47) C555 2,4-Dinitrophenol	9.97	184	103709	171.84	ng	#	72
48) C565 Dibenzofuran	10.11	168	1092855	214.99	ng		81
49) C570 2,4-Dinitrotoluene	10.13	165	301405	251.01	ng	#	1
50) C560 4-Nitrophenol	10.08	109	134538	205.92	ng		87
51) C590 Fluorene	10.52	166	1081025	263.80	ng		99
52) C585 4-Chlorophenyl-phenyl	10.53	204	501342	255.06	ng		98
53) C580 Diethylphthalate	10.43	149	958665	240.78	ng		98
54) C620 1,2 diphenylhydrazine	10.72	77	990755	216.72	ng		93
55) C595 4-Nitroaniline	10.60	138	261979	228.63	ng		86
57) C610 4,6-Dinitro-2-methylp	10.62	198	163744	166.58	ng		100
58) C615 n-Nitrosodiphenylamin	10.68	169	709545	192.12	ng		97
60) C625 4-Bromophenyl-phenyle	11.09	248	284750	217.41	ng		90
61) C630 Hexachlorobenzene	11.15	284	296557	203.13	ng		87
62) C635 Pentachlorophenol	11.37	266	160047	181.35	ng		96
63) C640 Phenanthrene	11.58	178	1480458	201.40	ng		99
64) C645 Anthracene	11.64	178	1543257	211.83	ng		99
65) C647 carbazole	11.82	167	1509199	214.86	ng		97
66) C650 Di-n-butylphthalate	12.17	149	1814018	225.71	ng		99
67) C655 Fluoranthene	12.75	202	1754287	224.07	ng		93
69) C715 Pyrene	12.97	202	1821021	178.23	ng		99
70) C710 benzidine	12.89	184	633150	168.85	ng		100
72) C720 Butylbenzylphthalate	13.54	149	888157	193.59	ng		93
73) C725 3,3'-Dichlorobenzidin	14.01	252	729693	220.53	ng		97
74) C730 Benzo[a]anthracene	14.03	228	1907934	208.14	ng		99
75) C735 Chrysene	14.06	228	1804698	202.17	ng		98
76) C740 bis(2-Ethylhexyl)phth	14.02	149	1356676	200.67	ng		98
77) C760 Di-n-octylphthalate	14.55	149	2238132	219.68	ng		100
79) C765 Benzo[b]fluoranthene	14.94	252	2088394	218.92	ng		98
80) C770 Benzo[k]fluoranthene	14.97	252	1791471	193.53	ng		98
81) C775 Benzo[a]pyrene	15.24	252	1906887	213.84	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.39	276	2475821	225.97	ng		85
83) C785 Dibenz[a,h]anthracene	16.39	278	2163040	225.71	ng		99
84) C790 Benzo[g,h,i]perylene	16.70	276	2133246	227.32	ng		100

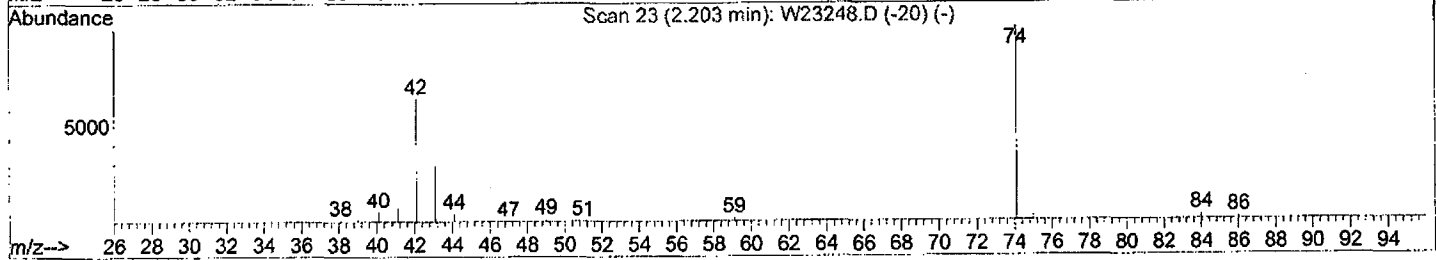
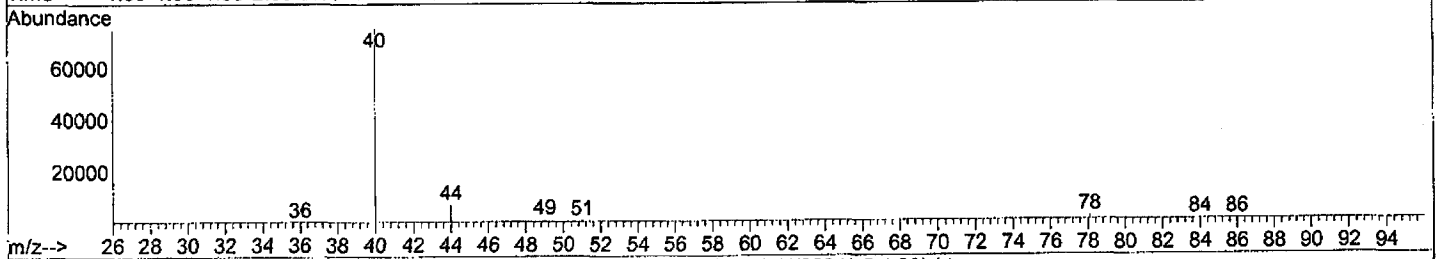
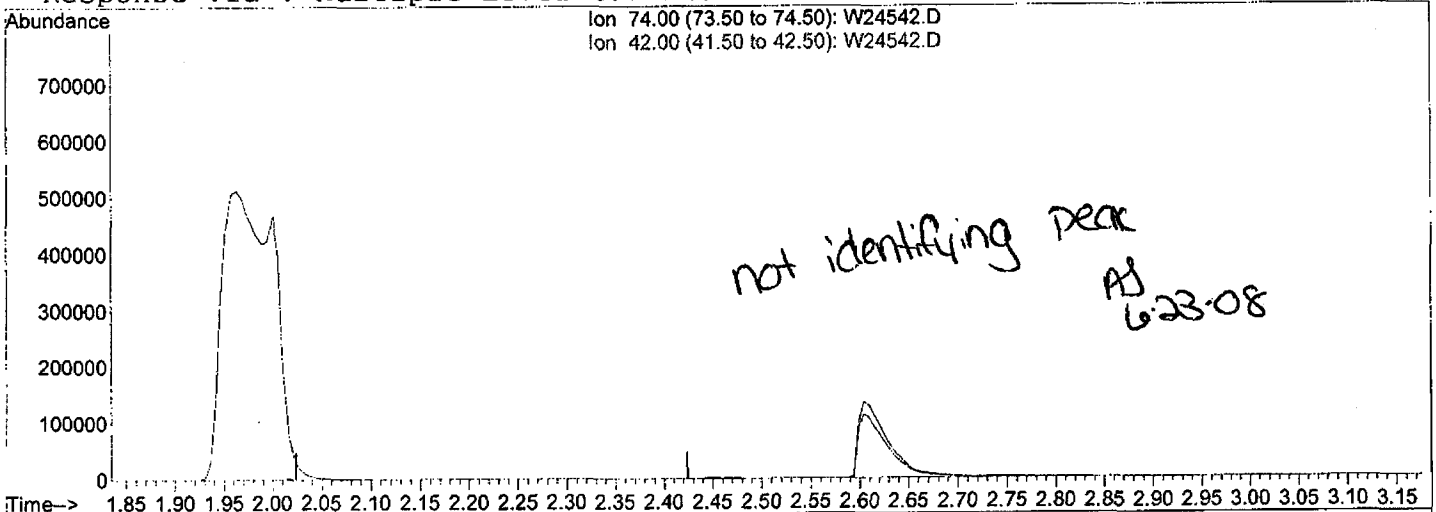
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24542.D
Acq On : 23 Jun 2008 11:15 am
Sample : SSTD160
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:48:44 2008

Vial: 7
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24542.D

(2) C705 n-nitrosodimethylamine (T)

2.22min (-2.224) 0.00ng

response 0

Ion	Exp%	Act%
74.00	100	0.00
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

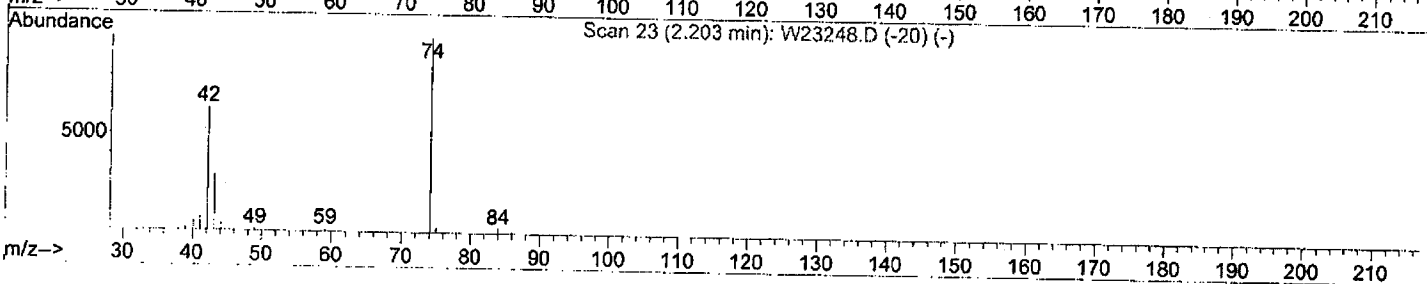
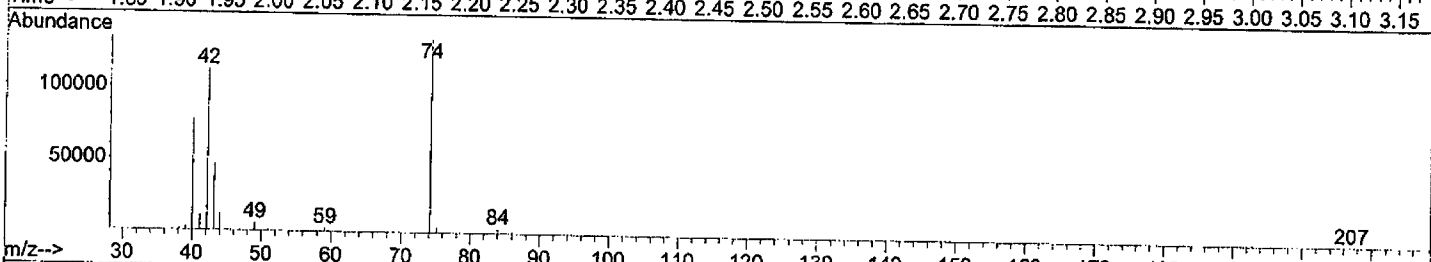
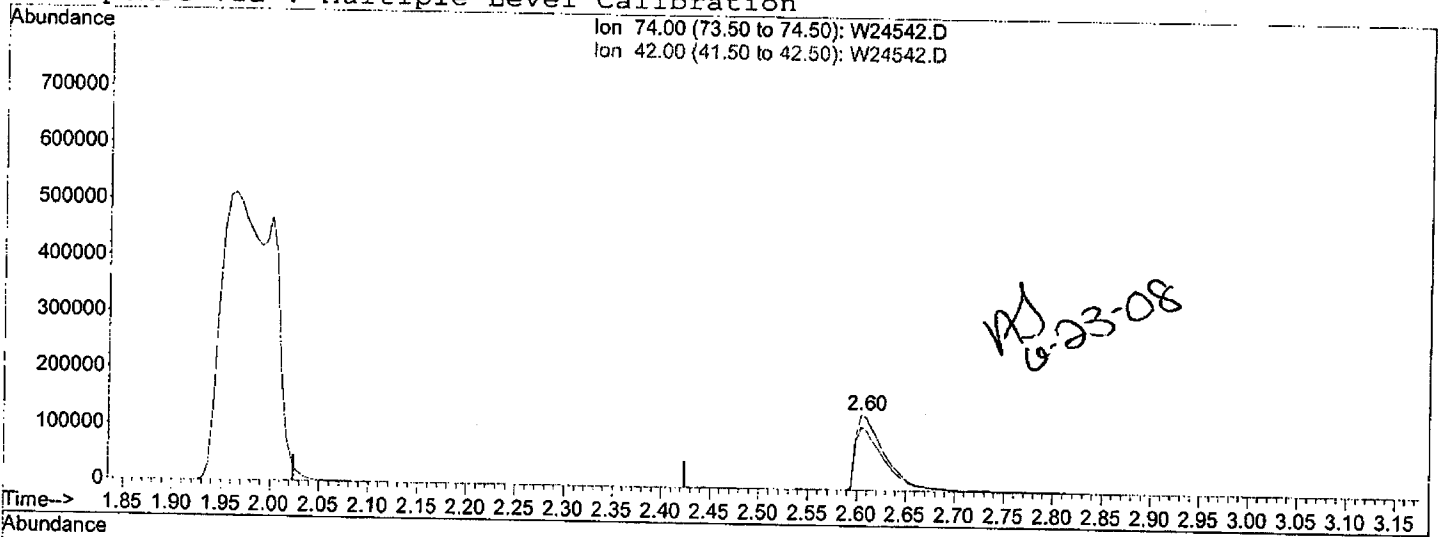
Handwritten signature: WU WATM

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\062308\W24542.D
Acq On : 23 Jun 2008 11:15 am
Sample : SSTD160
Misc : 8270(4-9-08)
MS Integration Params: rteint.p
Quant Time: Jun 23 13:48:44 2008

Vial: 7
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 13:50:33 2008
Response via : Multiple Level Calibration



TIC: W24542.D

(2) C705 n-nitrosodimethylamine (T)

2.60min (+0.380) 196.38ng m

response 279886

Ion	Exp%	Act%
74.00	100	100
42.00	93.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

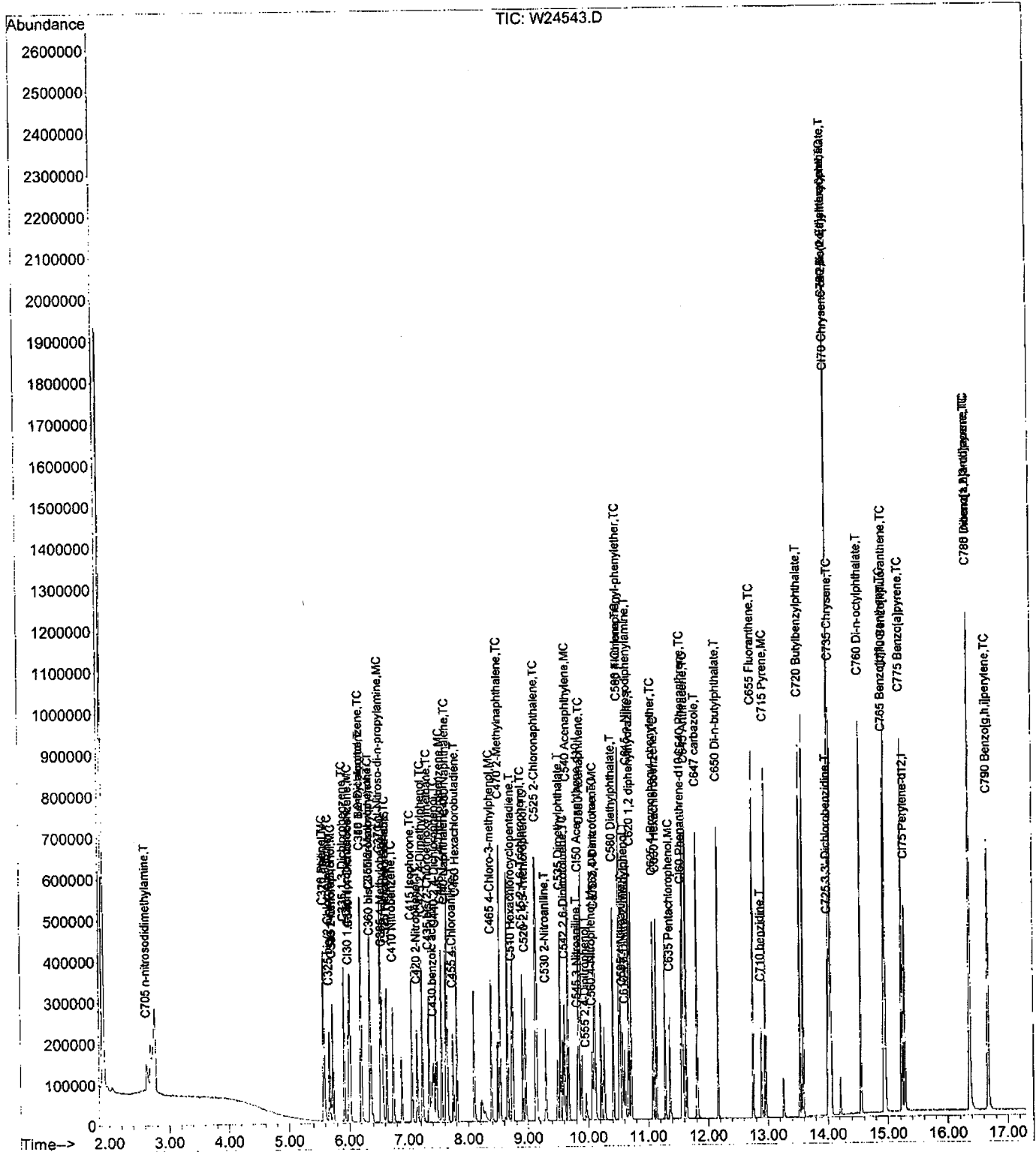
Handwritten signature/initials

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24543.D
Acq On : 23 Jun 2008 11:38 am
Sample : CHECK050
Misc : 2ND SC (63-08)
MS Integration Params: rteint.p

Vial: 8
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 02 10:49:03 2008 Results File: A8I0469.RES
Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 14:48:35 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24543.D
 Acq On : 23 Jun 2008 11:38 am
 Sample : CHECK050
 Misc : 2ND SC (63-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 02 10:49:03 2008

Vial: 8
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

AJ
 7-2-08

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\063008\W24736.D (30 Jun 2008 9:22 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.99	152	51958	40.00	ng	0.00	93.44%
20) CI40 Naphthalene-d8	7.62	136	211268	40.00	ng	0.00	92.44%
35) CI50 Acenaphthene-d10	9.84	164	106872	40.00	ng	0.00	80.90%
56) CI60 Phenanthrene-d10	11.55	188	166985	40.00	ng	0.00	76.44%
68) CI70 Chrysene-d12	14.03	240	211626	40.00	ng	0.00	84.68%
78) CI75 Perylene-d12	15.28	264	192764	40.00	ng	-0.01	88.70%

System Monitoring Compounds

3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng		
Spiked Amount	150.000	Range	21 - 110	Recovery	=	0.00%#	
5) CS45 Phenol-d5	5.72	99	4994	2.19	ng		0.16
Spiked Amount	150.000	Range	10 - 110	Recovery	=	1.46%#	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.63	82	11615	6.24	ng		-0.09
Spiked Amount	100.000	Range	34 - 114	Recovery	=	6.24%#	
39) CS25 2-Fluorobiphenyl	0.00	172	0	0.00	ng		
Spiked Amount	100.000	Range	43 - 116	Recovery	=	0.00%#	
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
Spiked Amount	150.000	Range	10 - 123	Recovery	=	0.00%#	
71) CS30 Terphenyl-d14	0.00	244	0	0.00	ng		
Spiked Amount	100.000	Range	33 - 141	Recovery	=	0.00%#	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.62	74	55427	49.23	ng	91
4) C325 bis(2-Chloroethyl)eth	5.67	93	88925	45.66	ng	86
7) C315 Phenol	5.57	94	120526	46.86	ng	95
8) C330 2-Chlorophenol	5.72	128	97506	48.08	ng	86
9) C320 aniline	5.58	93	103466	37.74	ng	# 31
10) C335 1,3-Dichlorobenzene	5.92	146	106071	48.77	ng	97
11) C340 1,4-Dichlorobenzene	6.02	146	108928	48.14	ng	96
13) C350 1,2-Dichlorobenzene	6.21	146	103647	47.74	ng	98
14) C345 Benzyl alcohol	6.19	108	63318	48.83	ng	# 86
15) C360 bis(2-chloroisopropyl	6.37	45	115423	46.77	ng	69
16) C355 2-Methylphenol	6.35	108	88526	51.38	ng	94
17) C375 Hexachloroethane	6.63	117	44345	49.67	ng	91
18) C370 N-Nitroso-di-n-propyl	6.54	70	64474	47.72	ng	91
19) C365 4-Methylphenol	6.56	108	90262	48.21	ng	93
22) C410 Nitrobenzene	6.74	77	94713	49.49	ng	85
23) C415 Isophorone	7.05	82	168436	48.22	ng	93
24) C430 benzoic acid	7.42	122	95098	141.72	ng	95
25) C420 2-Nitrophenol	7.15	139	50840	51.94	ng	84
26) C425 2,4-Dimethylphenol	7.23	107	91517	50.51	ng	90
27) C435 bis(2-Chloroethoxy)me	7.34	93	104833	49.23	ng	97
28) C440 2,4-Dichlorophenol	7.46	162	81501	50.97	ng	95

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24543.D
 Acq On : 23 Jun 2008 11:38 am
 Sample : CHECK050
 Misc : 2ND SC (63-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 02 10:49:03 2008

Vial: 8
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\063008\W24736.D (30 Jun 2008 9:22 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.55	180	86109	50.13	ng		97
30) C450 Naphthalene	7.65	128	307084	52.69	ng		96
31) C455 4-Chloroaniline	7.74	127	79868	35.75	ng		100
32) C460 Hexachlorobutadiene	7.81	225	50331	49.88	ng		99
33) C465 4-Chloro-3-methylphen	8.38	107	74371	50.37	ng		84
34) C470 2-Methylnaphthalene	8.53	142	216259	56.56	ng		95
36) C510 Hexachlorocyclopentad	8.73	237	41249	60.48	ng		100
37) C515 2,4,6-Trichlorophenol	8.90	196	53007	61.29	ng		97
38) C520 2,4,5-Trichlorophenol	8.95	196	56791	59.52	ng		98
40) C525 2-Chloronaphthalene	9.14	162	191613	65.69	ng		95
41) C530 2-Nitroaniline	9.30	65	40158	65.94	ng	#	72
42) C540 Acenaphthylene	9.67	152	292760	56.74	ng		97
43) C535 Dimethylphthalate	9.54	163	188058	51.42	ng		99
44) C542 2,6-Dinitrotoluene	9.61	165	43938	62.68	ng		86
45) C550 Acenaphthene	9.89	153	158113	52.44	ng		96
46) C545 3-Nitroaniline	9.82	138	34863	45.76	ng		84
47) C555 2,4-Dinitrophenol	9.97	184	15290	67.02	ng	#	73
48) C565 Dibenzofuran	10.10	168	164800	67.23	ng		82
49) C570 2,4-Dinitrotoluene	10.12	165	63333	64.06	ng	#	1
50) C560 4-Nitrophenol	10.07	109	23485	62.52	ng	#	82
51) C590 Fluorene	10.52	166	210274	64.58	ng		99
52) C585 4-Chlorophenyl-phenyl	10.53	204	97877	64.02	ng		97
53) C580 Diethylphthalate	10.41	149	192018	51.80	ng		99
54) C620 1,2 diphenylhydrazine	10.71	77	206210	62.94	ng		95
55) C595 4-Nitroaniline	10.58	138	50587	61.31	ng		82
57) C610 4,6-Dinitro-2-methylp	10.61	198	29470	59.64	ng		100
58) C615 n-Nitrosodiphenylamin	10.67	169	174414	74.95	ng		95
60) C625 4-Bromophenyl-phenyle	11.08	248	54150	58.75	ng		93
61) C630 Hexachlorobenzene	11.14	284	59246	59.06	ng		99
62) C635 Pentachlorophenol	11.37	266	33400	68.15	ng		99
63) C640 Phenanthrene	11.58	178	289934	59.38	ng		98
64) C645 Anthracene	11.63	178	286145	58.01	ng		97
65) C647 carbazole	11.81	167	288460	58.73	ng		97
66) C650 Di-n-butylphthalate	12.17	149	335403	56.99	ng		99
67) C655 Fluoranthene	12.75	202	327270	58.38	ng		94
69) C715 Pyrene	12.96	202	340700	53.26	ng		96
70) C710 benzidine	12.89	184	93657	52.71	ng		98
72) C720 Butylbenzylphthalate	12.89	149	168279	54.29	ng		96
73) C725 3,3'-Dichlorobenzidin	13.53	252	83157	35.18	ng		96
74) C730 Benzo[a]anthracene	14.00	228	373357	55.41	ng		99
75) C735 Chrysene	14.02	228	333668	52.32	ng		98
76) C740 bis(2-Ethylhexyl)phth	14.05	228	333668	52.32	ng		99
77) C740	14.02	149	240032	50.27	ng		99
77) C760 Di-n-octylphthalate	14.02	149	382622	49.68	ng		100
79) C765 Benzo[b]fluoranthene	14.54	252	367006	50.49	ng		97
80) C770 Benzo[k]fluoranthene	14.93	252	338316	49.01	ng		99
81) C775 Benzo[a]pyrene	14.96	252	380568	55.87	ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.23	252	380568	55.87	ng		99
82) C780	16.36	276	416890	49.61	ng		100
83) C785 Dibenz[a,h]anthracene	16.37	278	371319	50.63	ng		98
84) C790 Benzo[g,h,i]perylene	16.37	278	371319	50.63	ng		98
84) C790	16.67	276	384184	53.11	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000469-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Intrument ID: HP5973W Calibration Dates(s): 06/23/2008 06/23/2008

Calibration Times: 12:24 14:19

Lab File ID: RRF5 = W24544.RR RRF20 = W24545.RR RRF50 = W24546.RR
 RRF80 = W24547.RR RRF120 = W24548.RR RRF160 = W24549.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Caprolactam	0.008	0.076	0.095	0.096	0.110	0.117	0.0840	47.400
Atrazine	0.206	0.220	0.235	0.246	0.257	0.259	0.2370	8.900
Acetophenone	1.802	1.760	1.867	1.873	1.859	1.973	1.8560	3.900
Biphenyl	1.646	1.714	1.794	1.811	1.855	1.852	1.7780	4.600
Benzaldehyde	1.060	1.079	1.155	1.127	1.139	1.197	1.1260	4.500

Comments:

Response Factor Report Instrumen

Method Path : C:\MSDCHEM\1\METHODS\
 Method File : TCLADDS-A8I0396.M
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:30:53 2008
 Response Via : Initial Calibration

Calibration Files

5 =W24544.D 20 =W24545.D 50 =W24546.D
 80 =W24547.D 120 =W24548.D 160 =W24549.D

Compound	5	20	50	80	120	160	Avg	%RSD
1) I CI30 1,4-Dichlorobenz	-----ISTD-----							
2) TC E600 Benzaldehyde	1.060	1.079	1.155	1.127	1.139	1.197	1.126	4.48#
3) E145 Acetophenone	1.802	1.760	1.867	1.873	1.859	1.973	1.856	3.90
4) I CI40 Naphthalene-d8	-----ISTD-----							
5) E655 Caprolactam	0.008	0.076	0.095	0.096	0.110	0.116	-----	
							L M= 0.120 R=0.995	
							B= -0.026	
6) E195 1,2,4,5-Tetrac	0.301	0.307	0.307	0.318	0.313	0.339	0.314	4.32
7) I CI50 Acenaphthene-d8	-----ISTD-----							
8) C811 1,1'-Biphenyl	1.646	1.714	1.794	1.811	1.855	1.852	1.778	4.66
9) E230 2,3,4,6-Tetrac	0.142	0.183	0.233	0.248	0.276	0.296	-----	
							L M= 0.302 R=0.994	
							B= -0.067	
10) I CI60 Phenanthrene-d10	-----ISTD-----							
11) E510 Atrazine	0.206	0.220	0.235	0.246	0.257	0.259	0.237	8.85
12) I CI70 Chrysene-d12	-----ISTD-----							
13) I CI75 Perylene-d12	-----ISTD-----							
							Total Average %RSD	5.24

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

TCLADDS-A8I0396.M

Tue Jun 24 08:32:59 2008

Date: 08/06/2008

ICC Profile

Page: 1

Time: 15:06:06

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG

Fraction: MB

No of Points: 6

Default Min. RRF: 0.0500

QC Approver: PM

CCC Conc: 50.00

QC Date: 02/20/2008

Comments:

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2 Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2 Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4 Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8 2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1 1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7 1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6 Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1 1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7 2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1 2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP 3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4 Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8 Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0 2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0 Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2 Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9 Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644 3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1 a-Terpeneol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5 Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0 p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1 9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1 1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0 (z)-9-octadecenamamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7 N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1 1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1 Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3 Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1 Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5 2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9 2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0 Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1 Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2 2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1 1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3 Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8 4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3 Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7 4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6 2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4 Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2 2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4 2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7 2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4 2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008

ICC Profile

Page: 2

Time: 15:06:06

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310	131-11-3 Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8 Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2 2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2 3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9 Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5 2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7 4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9 Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2 2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2 Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3 4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7 Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6 4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1 4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6 N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3 4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1 Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5 Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8 Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7 Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2 Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0 Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0 Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7 Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1 3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3 Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9 Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7 Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0 Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2 Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9 Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8 Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5 Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3 Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2 Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0 Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8 2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0 p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4 Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2 Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4 2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6 2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7 1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9 Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9 Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2 Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0 Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8 Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13 Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2 1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6 1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3 1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzdine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylphthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892 60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893 99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894 56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895 608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896 82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897 62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898 122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899 101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900 298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901 85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902 23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903 110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904 108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905 94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906 03689-24-5	Sulfotep	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907 CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908 297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909 1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910 78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911 115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912 98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913 94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914 2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915 611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916 102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917 620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918 104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919 98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920 106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921 371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922 100-22-1	p-Phenylenediamine, tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923 106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924 126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925 74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926 2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927 140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928 52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929 109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930 C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931 127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932 100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933 1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934 126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940 112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990 95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991 86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993 933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994 109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995 545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996 50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997 DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008

ICC Profile

Page: 6

Time: 15:06:06

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7 Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

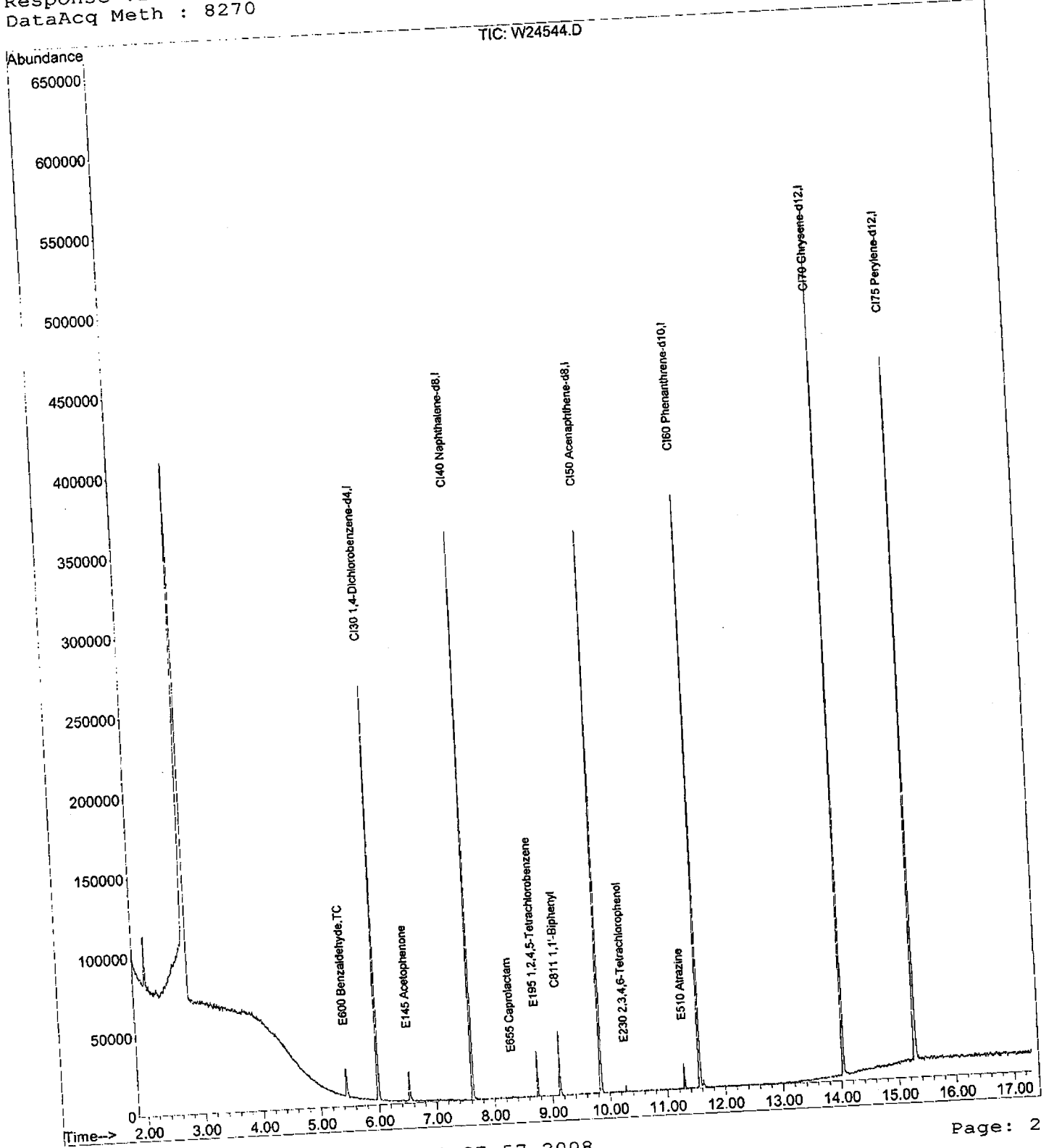
Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24544.D
 Acq On : 23 Jun 2008 12:24 pm
 Sample : SSTD005
 Misc : TCLADD(5-27-08)
 MS Integration Params: rteint.p

Vial: 9
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jun 24 08:27:56 2008
 Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:27:11 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270

Results File: TCLADDS...0396.RES



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24544.D
 Acq On : 23 Jun 2008 12:24 pm
 Sample : SSTD005
 Misc : TCLADD(5-27-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 24 08:27:56 2008

Vial: 9
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TCLADDS...0396.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:27:11 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\060308\W24018.D (3 Jun 2008 8:49 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.99	152	48356	40.00	ng	0.00 112.79%
4) CI40 Naphthalene-d8	7.62	136	184606	40.00	ng	-0.06 111.76%
7) CI50 Acenaphthene-d8	9.84	164	89407	40.00	ng	-0.09 94.01%
10) CI60 Phenanthrene-d10	11.55	188	144651	40.00	ng	-0.12 89.69%
12) CI70 Chrysene-d12	14.03	240	183227	40.00	ng	-0.13 119.10%
13) CI75 Perylene-d12	15.28	264	180691	40.00	ng	-0.07 123.62%

Target Compounds						Qvalue
2) E600 Benzaldehyde	5.44	77	6405	4.42	ng	# 82
3) E145 Acetophenone	6.53	105	10893	4.67	ng	# 84
5) E655 Caprolactam	8.31	113	183	5.15	ng	# 15
6) E195 1,2,4,5-Tetrachlorobe	8.74	216	6939	4.36	ng	# 100
8) C811 1,1'-Biphenyl	9.13	154	18392	4.86	ng	# 100
9) E230 2,3,4,6-Tetrachloroph	10.28	232	1592	8.56	ng	# 71
11) E510 Atrazine	11.29	200	3731	4.54	ng	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

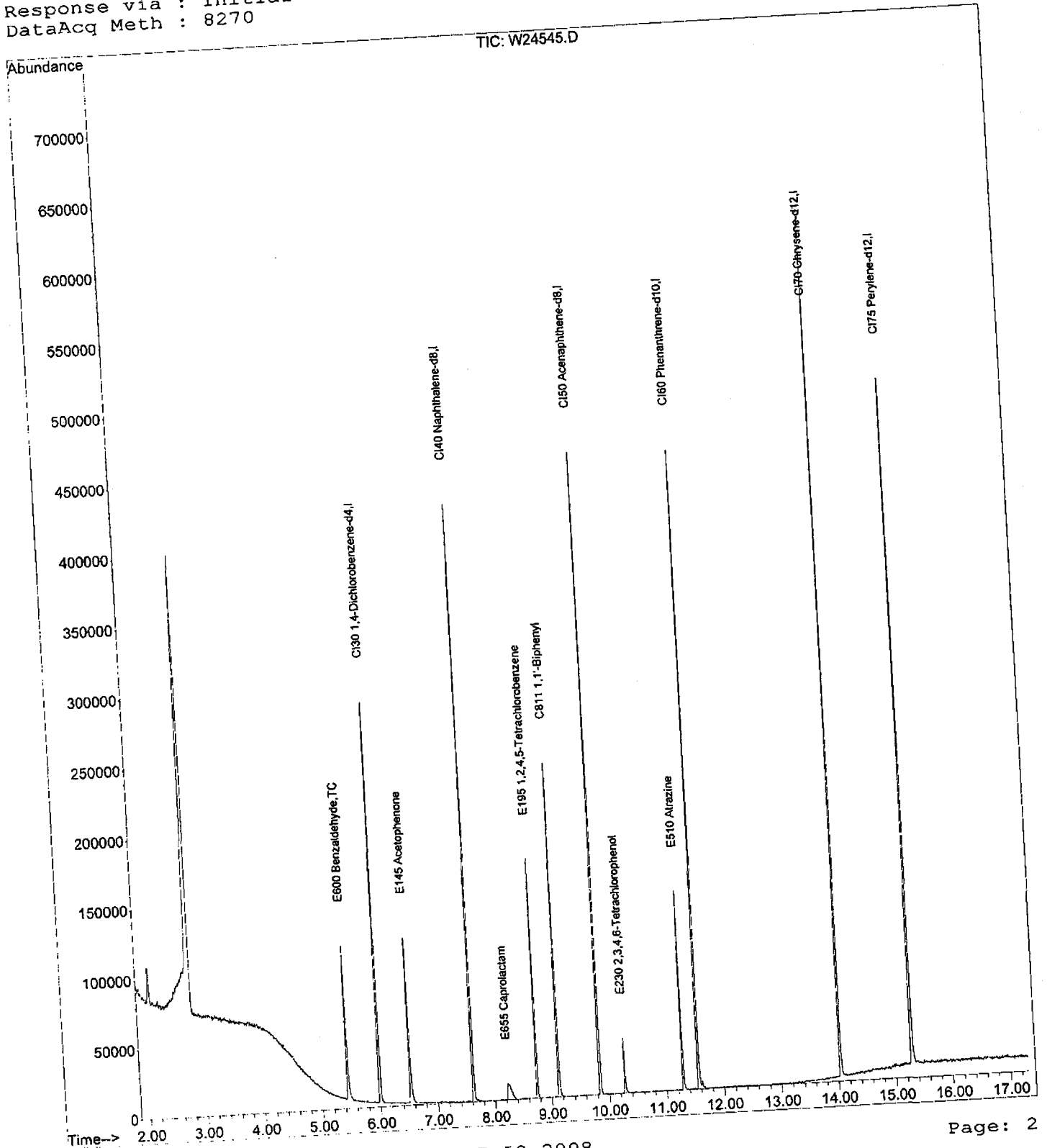
Data File : C:\MSDCHEM\1\DATA\062308\W24545.D
Acq On : 23 Jun 2008 12:47 pm
Sample : SSTD020
Misc : TCLADD(5-27-08)
MS Integration Params: rteint.p

Vial: 10
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 24 08:27:57 2008

Results File: TCLADDS...0396.RES
(RTE Integrator)

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M
Title : TCL ADDS
Last Update : Tue Jun 24 08:27:11 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24545.D
 Acq On : 23 Jun 2008 12:47 pm
 Sample : SSTDO20
 Misc : TCLADD(5-27-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 24 08:27:57 2008

Vial: 10
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TCLADDS...0396.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:27:11 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\060308\W24018.D (3 Jun 2008 8:49 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)	Qvalue
1) CI30 1,4-Dichlorobenzene-d	5.99	152	56699	40.00	ng	0.00 132.25%	82
4) CI40 Naphthalene-d8	7.62	136	222010	40.00	ng	-0.06 134.40%	82
7) CI50 Acenaphthene-d8	9.84	164	108924	40.00	ng	-0.09 114.54%	46
10) CI60 Phenanthrene-d10	11.55	188	181627	40.00	ng	-0.12 112.62%	100
12) CI70 Chrysene-d12	14.03	240	216845	40.00	ng	-0.13 140.95%	93
13) CI75 Perylene-d12	15.28	264	208833	40.00	ng	-0.07 142.88%	86
Target Compounds							
2) E600 Benzaldehyde	5.44	77	30579	17.99	ng		95
3) E145 Acetophenone	6.53	105	49906	18.25	ng		95
5) E655 Caprolactam	8.23	113	8472	15.95	ng	#	46
6) E195 1,2,4,5-Tetrachlorobe	8.74	216	34123	17.84	ng	#	100
8) C811 1,1'-Biphenyl	9.13	154	93339	20.23	ng		93
9) E230 2,3,4,6-Tetrachloroph	10.27	232	9959	17.52	ng		86
11) E510 Atrazine	11.29	200	19962	19.34	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

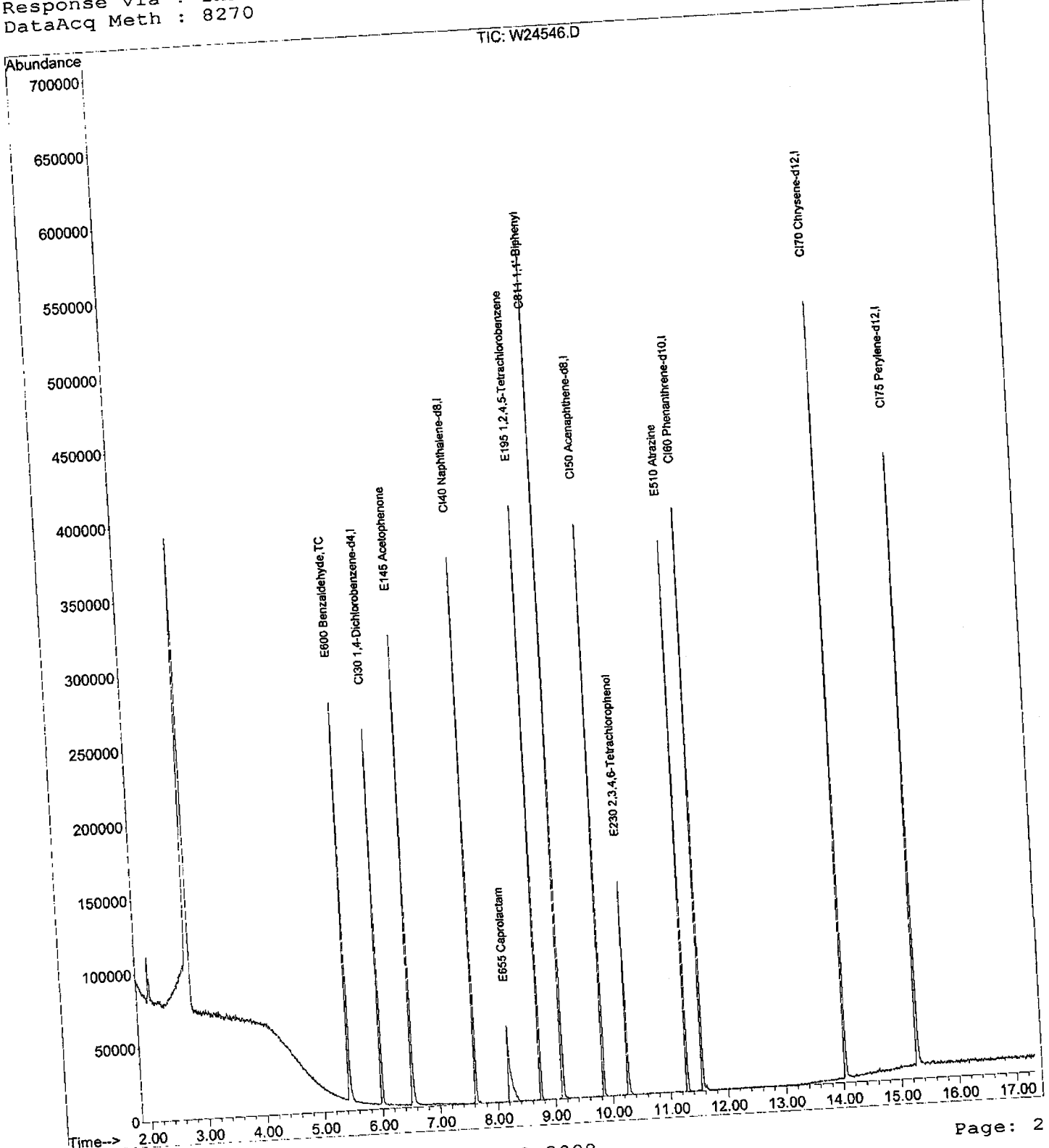
Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24546.D
Acq On : 23 Jun 2008 1:10 pm
Sample : SSTD050
Misc : TCLADD(5-27-08)
MS Integration Params: rteint.p

Vial: 11
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 24 08:27:58 2008
Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jun 24 08:27:11 2008
Response via : Initial Calibration
DataAcq Meth : 8270

Results File: TCLADDS...0396.RES



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24546.D
 Acq On : 23 Jun 2008 1:10 pm
 Sample : SSTD050
 Misc : TCLADD(5-27-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 24 08:27:58 2008

Vial: 11
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TCLADDS...0396.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:27:11 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\060308\W24018.D (3 Jun 2008 8:49 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.99	152	48763	40.00	ng	0.00	113.74%
4) CI40 Naphthalene-d8	7.62	136	194743	40.00	ng	-0.06	117.89%
7) CI50 Acenaphthene-d8	9.84	164	92195	40.00	ng	-0.09	96.94%
10) CI60 Phenanthrene-d10	11.56	188	154423	40.00	ng	-0.12	95.75%
12) CI70 Chrysene-d12	14.03	240	183152	40.00	ng	-0.13	119.05%
13) CI75 Perylene-d12	15.28	264	178781	40.00	ng	-0.07	122.32%
							Qvalue
Target Compounds	5.44	77	70406	48.16	ng		84
2) E600 Benzaldehyde	6.53	105	113816	48.39	ng		85
3) E145 Acetophenone	8.20	113	23212	39.49	ng	#	58
5) E655 Caprolactam	8.74	216	74656	44.50	ng	#	100
6) E195 1,2,4,5-Tetrachlorobe	9.13	154	206741	52.93	ng		94
8) C811 1,1'-Biphenyl	10.27	232	26834	41.80	ng		92
9) E230 2,3,4,6-Tetrachloroph	11.29	200	45389	51.73	ng		96
11) E510 Atrazine							

(#) = qualifier out of range (m) = manual integration (+) = signals summed

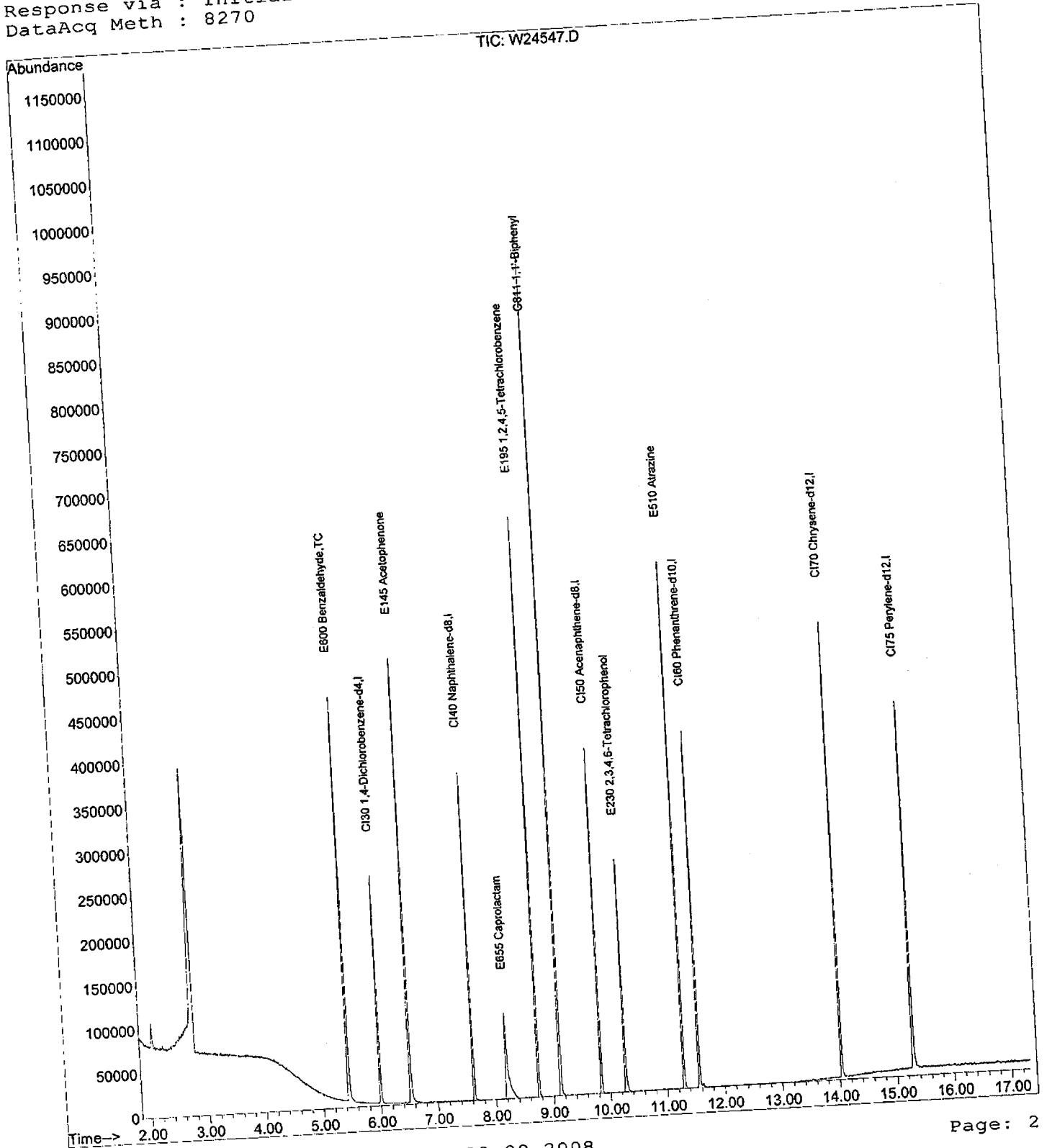
Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24547.D
Acq On : 23 Jun 2008 1:33 pm
Sample : SSTD080
Misc : TCLADD(5-27-08)
MS Integration Params: rteint.p

Vial: 12
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 24 08:27:59 2008
Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jun 24 08:27:11 2008
Response via : Initial Calibration
DataAcq Meth : 8270

Results File: TCLADDS...0396.RES



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24547.D
 Acq On : 23 Jun 2008 1:33 pm
 Sample : SSTD080
 Misc : TCLADD(5-27-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 24 08:27:59 2008

Vial: 12
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TCLADDS...0396.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:27:11 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\060308\W24018.D (3 Jun 2008 8:49 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)	Qvalue
1) CI30 1,4-Dichlorobenzene-d	5.99	152	48404	40.00	ng	0.00 112.91%	81
4) CI40 Naphthalene-d8	7.62	136	190270	40.00	ng	-0.06 115.18%	85
7) CI50 Acenaphthene-d8	9.84	164	92467	40.00	ng	-0.09 97.23%	56
10) CI60 Phenanthrene-d10	11.56	188	156207	40.00	ng	-0.12 96.86%	100
12) CI70 Chrysene-d12	14.03	240	184602	40.00	ng	-0.13 119.99%	94
13) CI75 Perylene-d12	15.28	264	180961	40.00	ng	-0.07 123.81%	90
Target Compounds							96
2) E600 Benzaldehyde	5.44	77	109060	75.16	ng		81
3) E145 Acetophenone	6.53	105	181316	77.67	ng		85
5) E655 Caprolactam	8.19	113	36662	60.84	ng	#	56
6) E195 1,2,4,5-Tetrachlorobe	8.74	216	120853	73.73	ng	#	100
8) C811 1,1'-Biphenyl	9.13	154	334900	85.48	ng		94
9) E230 2,3,4,6-Tetrachloroph	10.27	232	45895	66.77	ng		90
11) E510 Atrazine	11.29	200	76719	86.43	ng		96

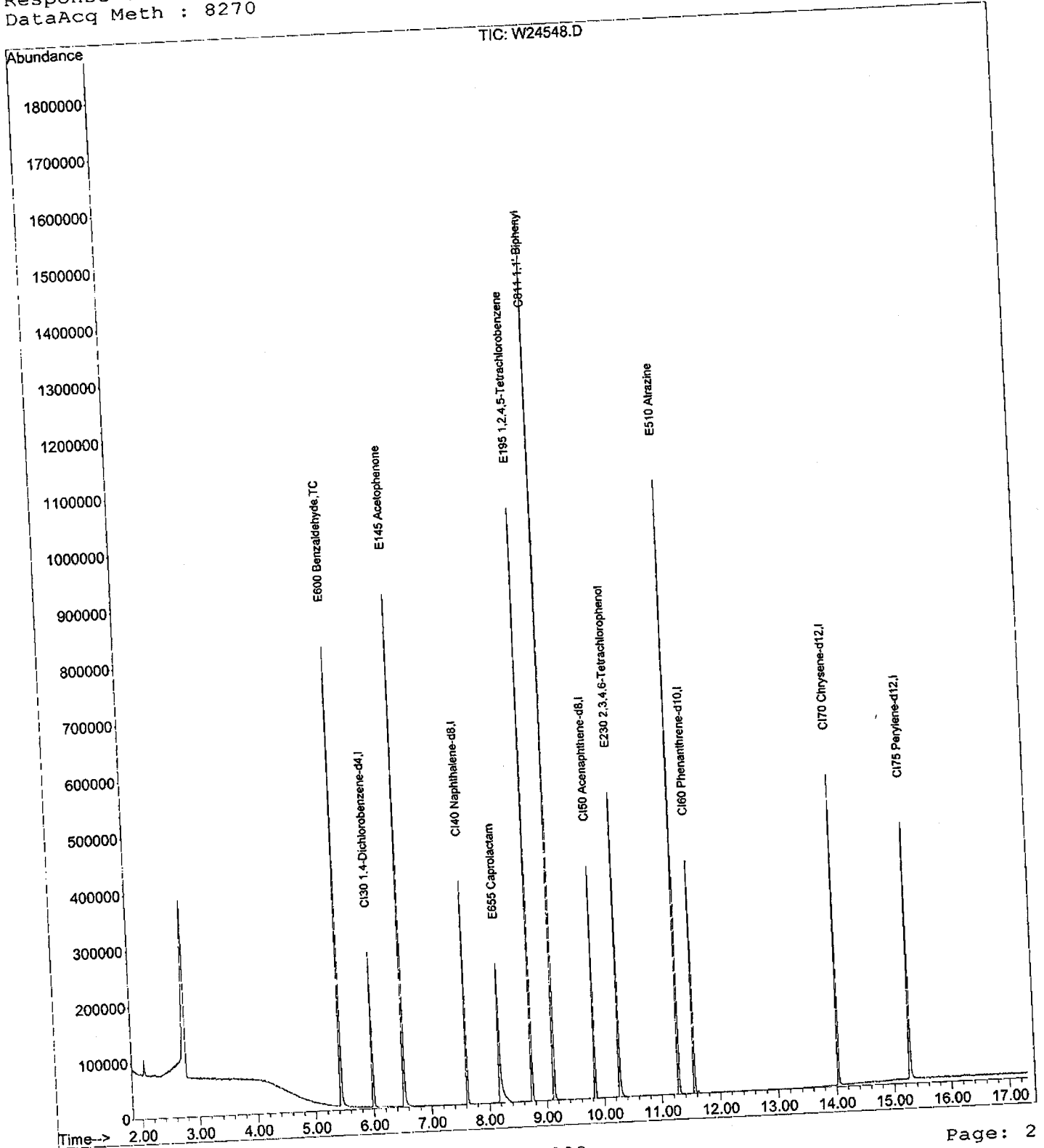
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24548.D
Acq On : 23 Jun 2008 1:56 pm
Sample : SSTD120
Misc : TCLADD(5-27-08)
MS Integration Params: rteint.p

Vial: 13
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 24 08:28:00 2008 Results File: TCLADDS...0396.RES
Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jun 24 08:27:11 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24548.D
 Acq On : 23 Jun 2008 1:56 pm
 Sample : SSTD120
 Misc : TCLADD(5-27-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 24 08:28:00 2008

Vial: 13
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TCLADDS...0396.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)

Title : TCL ADDS
 Last Update : Tue Jun 24 08:27:11 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\060308\W24018.D (3 Jun 2008 8:49 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.99	152	53817	40.00	ng	0.00 125.53%
4) CI40 Naphthalene-d8	7.62	136	209078	40.00	ng	-0.06 126.57%
7) CI50 Acenaphthene-d8	9.84	164	99386	40.00	ng	-0.09 104.51%
10) CI60 Phenanthrene-d10	11.56	188	166124	40.00	ng	-0.12 103.01%
12) CI70 Chrysene-d12	14.03	240	197115	40.00	ng	-0.13 128.13%
13) CI75 Perylene-d12	15.28	264	193181	40.00	ng	-0.07 132.17%
Qvalue						
Target Compounds	5.44	77	183884	113.97	ng	82
2) E600 Benzaldehyde	6.53	105	300072	115.61	ng	85
3) E145 Acetophenone	8.19	113	69129	100.92	ng	# 58
5) E655 Caprolactam	8.74	216	196446	109.07	ng	# 100
6) E195 1,2,4,5-Tetrachlorobe	9.13	154	552962	131.32	ng	95
8) C811 1,1'-Biphenyl	10.27	232	82248	107.06	ng	88
9) E230 2,3,4,6-Tetrachloroph	11.29	200	128145	135.75	ng	97
11) E510 Atrazine						

(#) = qualifier out of range (m) = manual integration (+) = signals summed

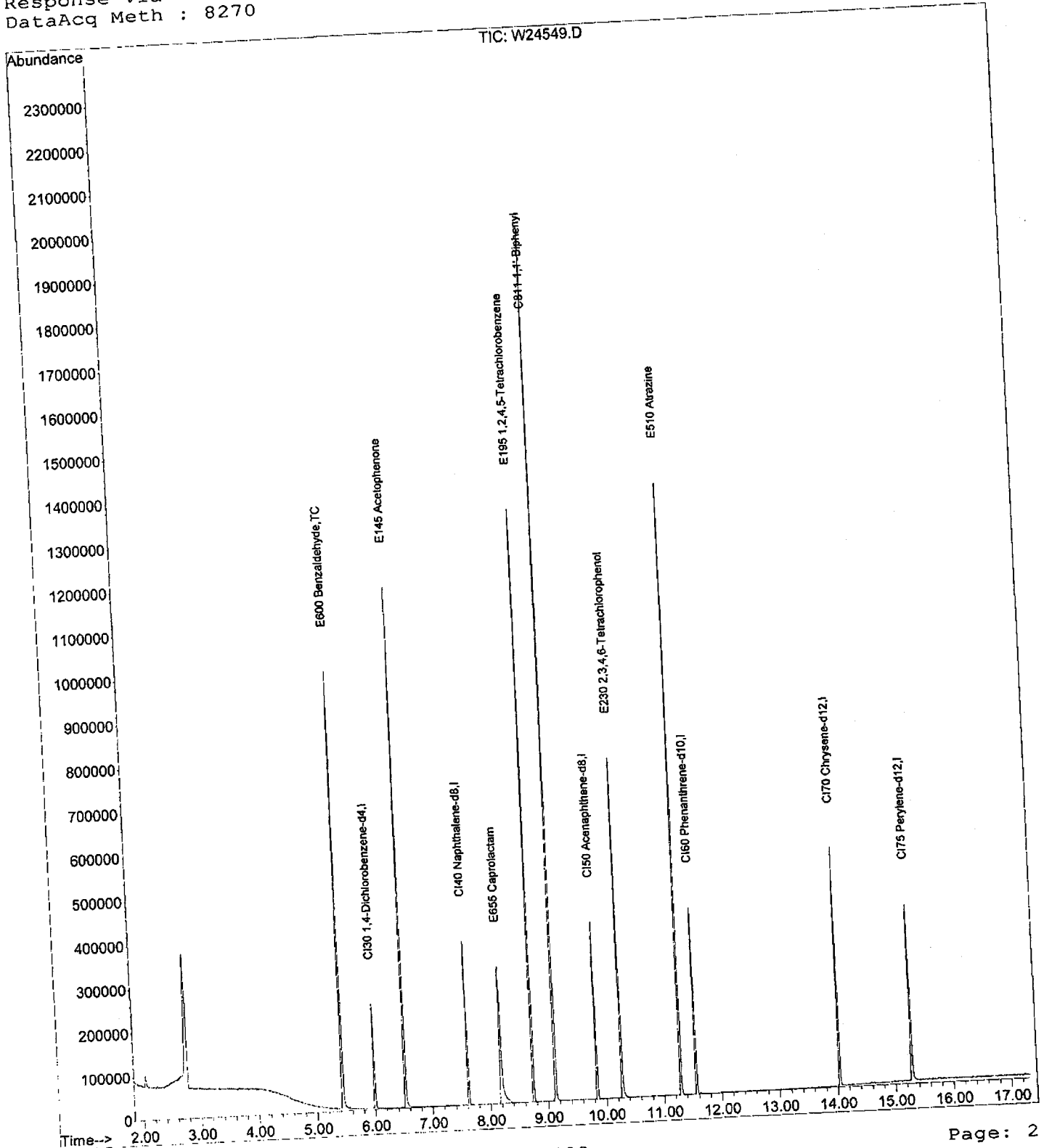
Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24549.D
Acq On : 23 Jun 2008 2:19 pm
Sample : SSTD160
Misc : TCLADD(5-27-08)
MS Integration Params: rteint.p

Vial: 14
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jun 24 08:28:02 2008
Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jun 24 08:27:11 2008
Response via : Initial Calibration
DataAcq Meth : 8270

Results File: TCLADDS...0396.RES



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\062308\W24549.D
 Acq On : 23 Jun 2008 2:19 pm
 Sample : SSTD160
 Misc : TCLADD(5-27-08)
 MS Integration Params: rteint.p
 Quant Time: Jun 24 08:28:02 2008

Vial: 14
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TCLADDS...0396.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0396.M (RTE Integrator)
 Title : TCL ADDS

Last Update : Tue Jun 24 08:27:11 2008
 Response via : Initial Calibration

DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\060308\W24018.D (3 Jun 2008 8:49 am)

Internal Standards	R.T.	QI	Ion	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.99	152		46996	40.00	ng	0.00	109.62%
4) CI40 Naphthalene-d8	7.62	136		190893	40.00	ng	-0.06	115.56%
7) CI50 Acenaphthene-d8	9.84	164		97352	40.00	ng	-0.09	102.37%
10) CI60 Phenanthrene-d10	11.56	188		164614	40.00	ng	-0.12	102.07%
12) CI70 Chrysene-d12	14.03	240		194029	40.00	ng	-0.13	126.12%
13) CI75 Perylene-d12	15.28	264		175998	40.00	ng	-0.07	120.41%
								Qvalue
Target Compounds	5.44	77		225014	159.71	ng		84
2) E600 Benzaldehyde	6.53	105		370918	163.64	ng		84
3) E145 Acetophenone	8.20	113		88921	140.19	ng	#	58
5) E655 Caprolactam	8.75	216		258975	157.49	ng	#	100
6) E195 1,2,4,5-Tetrachlorobe	9.13	154		721132	174.83	ng		95
8) C811 1,1'-Biphenyl	10.27	232		115129	150.25	ng		87
9) E230 2,3,4,6-Tetrachloroph	11.29	200		170586	182.36	ng		96
11) E510 Atrazine								

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat

Contract: _____

Lab Sample ID: A8I0000516-1Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No: 7595Intrument ID: HP5973WCalibration Dates(s): 07/10/2008 07/10/2008Calibration Times: 13:21 15:41

Lab File ID: RRF5 = W24953.RR RRF20 = W24954.RR RRF50 = W24955.RR
 RRF80 = W24956.RR RRF120 = W24957.RR RRF160 = W24958.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	* 1.643	1.854	2.037	2.094	2.091	2.465	2.0310	13.500*
Bis(2-chloroethyl) ether	1.524	1.599	1.535	1.476	1.424	1.692	1.5420	6.100
2-Chlorophenol	1.324	1.458	1.587	1.621	1.588	1.870	1.5750	11.600
2-Methylphenol	1.238	1.347	1.367	1.400	1.396	1.646	1.3990	9.600
2,2'-Oxybis(1-Chloropropane	2.214	2.117	2.150	2.181	2.104	2.454	2.2030	5.900
4-Methylphenol	1.019	1.327	1.452	1.542	1.529	1.777	1.4410	17.600
N-Nitroso-Di-n-propylamine	# 0.948	1.000	1.092	1.135	1.091	1.269	1.0890	10.200#
Hexachloroethane	0.697	0.705	0.706	0.704	0.671	0.781	0.7110	5.200
Nitrobenzene	0.350	0.367	0.400	0.400	0.384	0.426	0.3880	7.000
Isophorone	0.613	0.649	0.698	0.718	0.677	0.759	0.6860	7.500
2-Nitrophenol	* 0.122	0.160	0.190	0.197	0.190	0.215	0.1790	18.500*
2,4-Dimethylphenol	0.288	0.337	0.362	0.387	0.370	0.422	0.3610	12.600
Bis(2-chloroethoxy) methane	0.344	0.387	0.416	0.420	0.398	0.455	0.4030	9.300
2,4-Dichlorophenol	* 0.159	0.274	0.300	0.317	0.304	0.349	0.2840	23.300*
Naphthalene	1.039	1.059	1.106	1.135	1.108	1.222	1.1110	5.800
4-Chloroaniline	0.323	0.403	0.441	0.456	0.448	0.506	0.4290	14.400
Hexachlorobutadiene	* 0.192	0.188	0.193	0.199	0.191	0.215	0.1960	5.100*
4-Chloro-3-methylphenol	* 0.216	0.263	0.298	0.308	0.293	0.340	0.2860	14.800*
2-Methylnaphthalene	0.688	0.696	0.732	0.762	0.744	0.815	0.7400	6.300
Hexachlorocyclopentadiene	# 0.040	0.173	0.257	0.287	0.302	0.391	0.2420	50.300#
2,4,6-Trichlorophenol	* 0.243	0.329	0.352	0.357	0.343	0.419	0.3400	16.800*
2,4,5-Trichlorophenol	0.273	0.360	0.385	0.391	0.372	0.444	0.3710	15.100
2-Chloronaphthalene	1.173	1.191	1.215	1.214	1.173	1.372	1.2230	6.200
2-Nitroaniline	0.200	0.260	0.301	0.307	0.303	0.332	0.2840	16.600
Dimethyl phthalate	1.178	1.266	1.300	1.327	1.271	1.473	1.3020	7.500
Acenaphthylene	1.724	1.862	1.928	1.980	1.908	2.208	1.9350	8.200
2,6-Dinitrotoluene	0.217	0.262	0.291	0.295	0.291	0.347	0.2840	15.100
3-Nitroaniline	0.139	0.281	0.332	0.343	0.336	0.396	0.3050	29.200
Acenaphthene	* 1.222	1.192	1.227	1.225	1.175	1.356	1.2330	5.200*
2,4-Dinitrophenol	# 0.000		0.087	0.124	0.137	0.170	0.1300	26.300#
4-Nitrophenol	# 0.000	0.088	0.145	0.165	0.172	0.200	0.1540	27.200#
Dibenzofuran	1.563	1.640	1.751	1.781	1.645	1.776	1.6920	5.300
2,4-Dinitrotoluene	0.298	0.387	0.433	0.448	0.422	0.483	0.4120	15.500
Diethyl phthalate	1.314	1.300	1.344	1.377	1.286	1.485	1.3510	5.400
4-Chlorophenyl phenyl ether	0.624	0.648	0.677	0.672	0.634	0.732	0.6640	5.800
Fluorene	1.336	1.312	1.360	1.389	1.344	1.566	1.3850	6.700
4-Nitroaniline	0.000	0.262	0.329	0.347	0.339	0.399	0.3350	14.600

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000516-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Intrument ID: HP5973W Calibration Dates (s): 07/10/2008 07/10/2008

Calibration Times: 13:21 15:41

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
4,6-Dinitro-2-methylphenol	0.030	0.066	0.116	0.129	0.133	0.156	0.1050	44.900
N-nitrosodiphenylamine *	0.492	0.528	0.585	0.595	0.569	0.648	0.5690	9.600*
4-Bromophenyl phenyl ether	0.199	0.205	0.231	0.234	0.227	0.258	0.2260	9.500
Hexachlorobenzene	0.228	0.236	0.241	0.248	0.238	0.270	0.2440	6.000
Pentachlorophenol *	0.026	0.052	0.091	0.107	0.112	0.141	0.0880	48.000*
Phenanthrene	1.122	1.116	1.171	1.191	1.143	1.309	1.1750	6.100
Anthracene	1.041	1.113	1.229	1.251	1.215	1.379	1.2050	9.700
Di-n-butyl phthalate	1.068	1.195	1.360	1.404	1.368	1.573	1.3280	13.200
Fluoranthene *	1.137	1.187	1.307	1.340	1.315	1.516	1.3000	10.200*
Pyrene	1.183	1.141	1.159	1.229	1.172	1.355	1.2060	6.500
Butyl benzyl phthalate	0.480	0.526	0.545	0.585	0.554	0.657	0.5580	10.700
3,3'-Dichlorobenzidine	0.353	0.373	0.412	0.440	0.423	0.503	0.4170	12.700
Benzo (a) anthracene	1.140	1.173	1.219	1.255	1.173	1.376	1.2230	7.000
Chrysene	1.255	1.166	1.141	1.200	1.093	1.266	1.1870	5.600
Bis(2-ethylhexyl) phthalate	0.724	0.779	0.833	0.888	0.828	0.993	0.8410	11.000
Di-n-octyl phthalate *	1.028	1.166	1.274	1.351	1.292	1.554	1.2780	13.800*
Benzo (b) fluoranthene	1.201	1.364	1.483	1.472	1.484	1.702	1.4510	11.300
Benzo (k) fluoranthene	1.322	1.217	1.272	1.361	1.213	1.702	1.3480	13.600
Benzo (a) pyrene *	1.097	1.151	1.269	1.318	1.261	1.454	1.2590	10.000*
Indeno (1,2,3-cd) pyrene	1.665	1.664	1.793	1.809	1.782	2.047	1.7930	7.800
Dibenzo (a,h) anthracene	1.455	1.452	1.564	1.562	1.539	1.763	1.5560	7.300
Benzo (ghi) perylene	1.461	1.430	1.526	1.510	1.426	1.677	1.5050	6.200
Carbazole	0.923	1.039	1.177	1.193	1.158	1.299	1.1320	11.600
=====								
Nitrobenzene-D5	0.298	0.362	0.381	0.388	0.370	0.406	0.3680	10.200
2-Fluorobiphenyl	1.338	1.310	1.352	1.343	1.299	1.534	1.3630	6.300
p-Terphenyl-d14	0.915	0.896	0.905	0.963	0.900	1.066	0.9410	7.000
Phenol-D5	1.388	1.642	1.794	1.839	1.810	2.092	1.7610	13.300
2-Fluorophenol	0.636	1.130	1.340	1.367	1.357	1.583	1.2360	26.400
2,4,6-Tribromophenol	0.067	0.084	0.101	0.105	0.104	0.119	0.0970	18.900

Comments:

Response Factor Report Instrumen

Method Path : C:\MSDCHEM\1\METHODS\8270\
 Method File : A8I-516(7-11).M
 Title : 8270 BNA Calibration with EPC
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I-0516
C-1712

Calibration Files

5 =W24953.D 20 =W24954.D 50 =W24955.D
 80 =W24956.D 120 =W24957.D 160 =W24958.D

Compound	5	20	50	80	120	160	Avg	%RSD
1) I CI30 1,4-Dichlorobenz	-----ISTD-----							
2) T C705 n-nitrosodidim	0.219	0.755	0.907	0.940	0.922	1.082	-----	
							L M= 1.073 R=0.990	
							B= -0.195	
3) S CS50 2-Fluorophenol	0.636	1.130	1.340	1.367	1.357	1.583	-----	
							L M= 1.565 R=0.990	
							B= -0.262	
4) TC C325 bis(2-Chloroet	1.524	1.599	1.535	1.476	1.424	1.692	1.542	6.12
5) S CS45 Phenol-d5	1.388	1.642	1.794	1.839	1.810	2.092	1.761	13.26
6) S CS70 2-chlorophenol	1.273	1.418	1.526	1.559	1.519	1.790	1.514	11.27
7) MC C315 Phenol	1.643	1.854	2.037	2.094	2.091	2.465	2.031	13.54
8) MC C330 2-Chlorophenol	1.323	1.458	1.587	1.621	1.588	1.870	1.575	11.58
9) T C320 aniline	1.947	2.144	2.309	2.366	2.358	2.775	2.317	11.91
10) TC C335 1,3-Dichlorobe	1.523	1.596	1.687	1.716	1.625	1.925	1.679	8.25
11) MC C340 1,4-Dichlorobe	1.648	1.699	1.754	1.757	1.679	1.972	1.752	6.63
12) S CS75 1,2-dichlorobe	0.947	0.926	0.973	0.954	0.923	1.073	0.966	5.77
13) TC C350 1,2-Dichlorobe	1.573	1.620	1.681	1.687	1.639	1.939	1.690	7.62
14) T C345 Benzyl alcohol	0.568	0.834	1.011	1.050	1.045	1.254	-----	
							L M= 1.236 R=0.986	
							B= -0.245	
15) T C360 bis(2-chlorois	2.214	2.117	2.149	2.181	2.104	2.454	2.203	5.87
16) TC C355 2-Methylphenol	1.238	1.347	1.367	1.400	1.396	1.646	1.399	9.62
17) TC C375 Hexachloroetha	0.697	0.705	0.706	0.704	0.671	0.780	0.711	5.18
18) MC C370 N-Nitroso-di-n	0.948	1.000	1.092	1.135	1.091	1.269	1.089	10.25
19) TC C365 4-Methylphenol	1.019	1.327	1.452	1.542	1.529	1.777	-----	
							L M= 1.755 R=0.990	
							B= -0.297	
20) I CI40 Naphthalene-d8	-----ISTD-----							
21) S CS20 Nitrobenzene-d	0.298	0.362	0.381	0.388	0.370	0.406	0.367	10.21
22) TC C410 Nitrobenzene	0.349	0.367	0.399	0.400	0.384	0.426	0.388	6.98
23) TC C415 Isophorone	0.613	0.649	0.698	0.718	0.677	0.759	0.686	7.52
24) T C430 benzoic acid	0.106	0.125	0.151	0.175	0.159	0.199	-----	
							L M= 0.210 R=0.981	
							B= -0.251	
25) TC C420 2-Nitrophenol	0.122	0.160	0.190	0.197	0.190	0.215	-----	
							L M= 0.213 R=0.994	
							B= -0.027	
26) TC C425 2,4-Dimethylph	0.288	0.337	0.362	0.387	0.370	0.422	0.361	12.60
27) TC C435 bis(2-Chloroet	0.344	0.387	0.416	0.420	0.398	0.455	0.403	9.28
28) TC C440 2,4-Dichloroph	0.159	0.274	0.300	0.317	0.304	0.349	-----	
							L M= 0.345 R=0.992	
							B= -0.048	
29) MC C445 1,2,4-Trichlor	0.313	0.317	0.328	0.331	0.316	0.361	0.328	5.44
30) TC C450 Naphthalene	1.039	1.059	1.106	1.135	1.108	1.221	1.111	5.80
31) T C455 4-Chloroanilin	0.323	0.403	0.441	0.456	0.448	0.506	0.429	14.39
32) T C460 Hexachlorobuta	0.192	0.188	0.193	0.199	0.191	0.215	0.196	5.07
33) MC C465 4-Chloro-3-met	0.216	0.263	0.298	0.308	0.293	0.340	0.286	14.77
34) TC C470 2-Methylnaphth	0.687	0.696	0.732	0.762	0.744	0.815	0.740	6.30
35) I CI50 Acenaphthene-d10	-----ISTD-----							
36) T C510 Hexachlorocycl	0.040	0.173	0.257	0.287	0.302	0.391	-----	
							Q A= 0.053 R=0.994	
							B= 0.169	
							C= 0.000	
37) TC C515 2,4,6-Trichlor	0.243	0.329	0.352	0.356	0.343	0.419	-----	

Response Factor Report Instrumen

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Calibration Files

5 =W24953.D 20 =W24954.D 50 =W24955.D
 80 =W24956.D 120 =W24957.D 160 =W24958.D

										L	M= 0.406	R=0.982
										B= -0.061		
38)	TC	C520	2,4,5-Trichlor	0.273	0.360	0.385	0.391	0.372	0.444	-----		
									L	M= 0.432	R=0.986	
									B= -0.054			
39)	S	CS25	2-Fluorobiphen	1.337	1.309	1.352	1.343	1.299	1.534	1.362	6.35	
40)	TC	C525	2-Chloronaphth	1.173	1.191	1.215	1.214	1.173	1.372	1.223	6.16	
41)	T	C530	2-Nitroaniline	0.200	0.260	0.301	0.307	0.303	0.332	-----		
									L	M= 0.331	R=0.996	
									B= -0.036			
42)	MC	C540	Acenaphthylene	1.724	1.862	1.928	1.980	1.908	2.208	1.935	8.24	
43)	T	C535	Dimethylphthal	1.178	1.266	1.300	1.327	1.271	1.473	1.302	7.47	
44)	TC	C542	2,6-Dinitrotol	0.217	0.262	0.291	0.295	0.291	0.347	-----		
									L	M= 0.339	R=0.986	
									B= -0.053			
45)	TC	C550	Acenaphthene	1.222	1.192	1.227	1.225	1.175	1.356	1.233	5.19	
46)	T	C545	3-Nitroaniline	0.139	0.281	0.332	0.343	0.336	0.396	-----		
									L	M= 0.391	R=0.989	
									B= -0.068			
47)	T	C555	2,4-Dinitrophe	0.011	0.010	0.087	0.124	0.137	0.170	-----		
									Q	A= 0.024	R=0.997	
									B= 0.081			
									C= -0.028			
48)	TC	C565	Dibenzofuran	1.563	1.639	1.751	1.781	1.645	1.776	1.692	5.28	
49)	MC	C570	2,4-Dinitrotol	0.298	0.387	0.432	0.448	0.421	0.483	-----		
									L	M= 0.475	R=0.992	
									B= -0.050			
50)	M	C560	4-Nitrophenol	0.020	0.088	0.145	0.165	0.172	0.199	-----		
									L	M= 0.207	R=0.992	
									B= -0.069			
51)	TC	C590	Fluorene	1.336	1.312	1.360	1.389	1.344	1.566	1.385	6.68	
52)	TC	C585	4-Chlorophenyl	0.624	0.648	0.677	0.672	0.634	0.732	0.664	5.85	
53)	T	C580	Diethylphthala	1.314	1.300	1.344	1.376	1.286	1.485	1.351	5.41	
54)	T	C620	1,2 diphenylhy	1.294	1.405	1.444	1.440	1.355	1.546	1.414	6.09	
55)	T	C595	4-Nitroaniline	0.115	0.262	0.329	0.347	0.338	0.399	-----		
									L	M= 0.396	R=0.989	
									B= -0.076			
56)	I	CI60	Phenanthrene-d10	-----	-----	-----	-----	-----	-----	-----	-----	-----
57)	T	C610	4,6-Dinitro-2-	0.030	0.066	0.116	0.129	0.133	0.156	-----		
									L	M= 0.160	R=0.991	
									B= -0.051			
58)	T	C615	n-Nitrosodiphe	0.492	0.528	0.585	0.595	0.569	0.648	0.569	9.58	
59)	S	CS55	2,4,6-Tribromo	0.067	0.084	0.101	0.105	0.104	0.119	-----		
									L	M= 0.118	R=0.992	
									B= -0.019			
60)	TC	C625	4-Bromophenyl-	0.199	0.205	0.231	0.234	0.227	0.258	0.226	9.46	
61)	TC	C630	Hexachlorobenz	0.228	0.236	0.241	0.248	0.238	0.270	0.244	6.02	
62)	MC	C635	Pentachlorophe	0.026	0.052	0.091	0.107	0.112	0.141	-----		
									Q	A= 0.018	R=0.996	
									B= 0.070			
									C= -0.008			
63)	TC	C640	Phenanthrene	1.122	1.116	1.171	1.191	1.143	1.309	1.175	6.09	
64)	TC	C645	Anthracene	1.041	1.113	1.229	1.251	1.215	1.379	1.205	9.70	
65)	T	C647	carbazole	0.923	1.039	1.177	1.193	1.158	1.299	1.132	11.61	
66)	T	C650	Di-n-butylphth	1.068	1.195	1.360	1.404	1.368	1.573	1.328	13.20	
67)	TC	C655	Fluoranthene	1.137	1.187	1.307	1.340	1.314	1.516	1.300	10.21	
68)	I	CI70	Chrysene-d12	-----	-----	-----	-----	-----	-----	-----	-----	-----

Response Factor Report Instrumen

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Calibration Files

5	=W24953.D	20	=W24954.D	50	=W24955.D
80	=W24956.D	120	=W24957.D	160	=W24958.D

69)	MC	C715	Pyrene	1.183	1.141	1.159	1.229	1.172	1.355	1.206	6.52
70)	T	C710	benzidine	0.444	0.540	0.590	0.632	0.606	0.710	-----	
									L	M= 0.698	R=0.989
										B= -0.106	
71)	S	CS30	Terphenyl-d14	0.915	0.896	0.905	0.963	0.900	1.065	0.941	6.99
72)	T	C720	Butylbenzylpht	0.480	0.526	0.545	0.585	0.554	0.657	0.558	10.72
73)	T	C725	3,3'-Dichlorob	0.353	0.373	0.412	0.440	0.423	0.503	0.417	12.72
74)	TC	C730	Benzo[a]anthra	1.140	1.172	1.219	1.255	1.173	1.376	1.223	6.97
75)	TC	C735	Chrysene	1.255	1.166	1.141	1.200	1.093	1.266	1.187	5.63
76)	T	C740	bis(2-Ethylhex	0.724	0.779	0.833	0.888	0.828	0.993	0.841	11.03
77)	T	C760	Di-n-octylphth	1.028	1.166	1.274	1.351	1.292	1.554	1.278	13.84
78)	I	CI75	Perylene-d12	-----ISTD-----							
79)	TC	C765	Benzo[b]fluora	1.201	1.364	1.483	1.472	1.484	1.702	1.451	11.35
80)	TC	C770	Benzo[k]fluora	1.322	1.217	1.272	1.361	1.213	1.702	1.348	13.57
81)	TC	C775	Benzo[a]pyrene	1.097	1.151	1.269	1.318	1.261	1.454	1.259	10.01
82)	TC	C780	Indeno[1,2,3-c	1.665	1.664	1.793	1.809	1.782	2.047	1.793	7.81
83)	TC	C785	Dibenz[a,h]ant	1.455	1.451	1.564	1.562	1.539	1.762	1.556	7.28
84)	TC	C790	Benzo[g,h,i]pe	1.461	1.430	1.526	1.510	1.426	1.677	1.505	6.22

 Total Average %RSD 8.68

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

A8I-516(7-11).M

Fri Jul 11 07:46:51 2008

Date: 08/06/2008

ICC Profile

Page: 1

Time: 15:08:20

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG

Fraction: MB

No of Points: 6

Default Min. RRF: 0.0500

QC Approver: PM

CCC Conc: 50.00

QC Date: 02/20/2008

Comments:

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2 Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2 Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4 Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8 2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1 1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7 1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6 Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1 1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7 2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1 2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP 3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4 Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8 Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0 2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0 Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2 Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9 Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644 3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1 a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5 Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0 p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1 9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1 1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0 (z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7 N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1 1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1 Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3 Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1 Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5 2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9 2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0 Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1 Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2 2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1 1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3 Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8 4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3 Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7 4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6 2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4 Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2 2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4 2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7 2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4 2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
310	131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzdine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylphthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-16ONG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892 60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893 99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894 56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895 608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896 82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897 62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898 122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899 101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900 298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901 85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902 23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903 110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904 108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905 94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906 03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907 CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908 297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909 1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910 78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911 115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912 98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913 94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914 2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915 611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916 102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917 620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918 104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919 98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920 106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921 371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922 100-22-1	p-Phenylenediamine,tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923 106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924 126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925 74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926 2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927 140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928 52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929 109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930 C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931 127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932 100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933 1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934 126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940 112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990 95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991 86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993 933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994 109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995 545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996 50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997 DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008
Time: 15:08:20

ICC Profile

Page: 6
Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

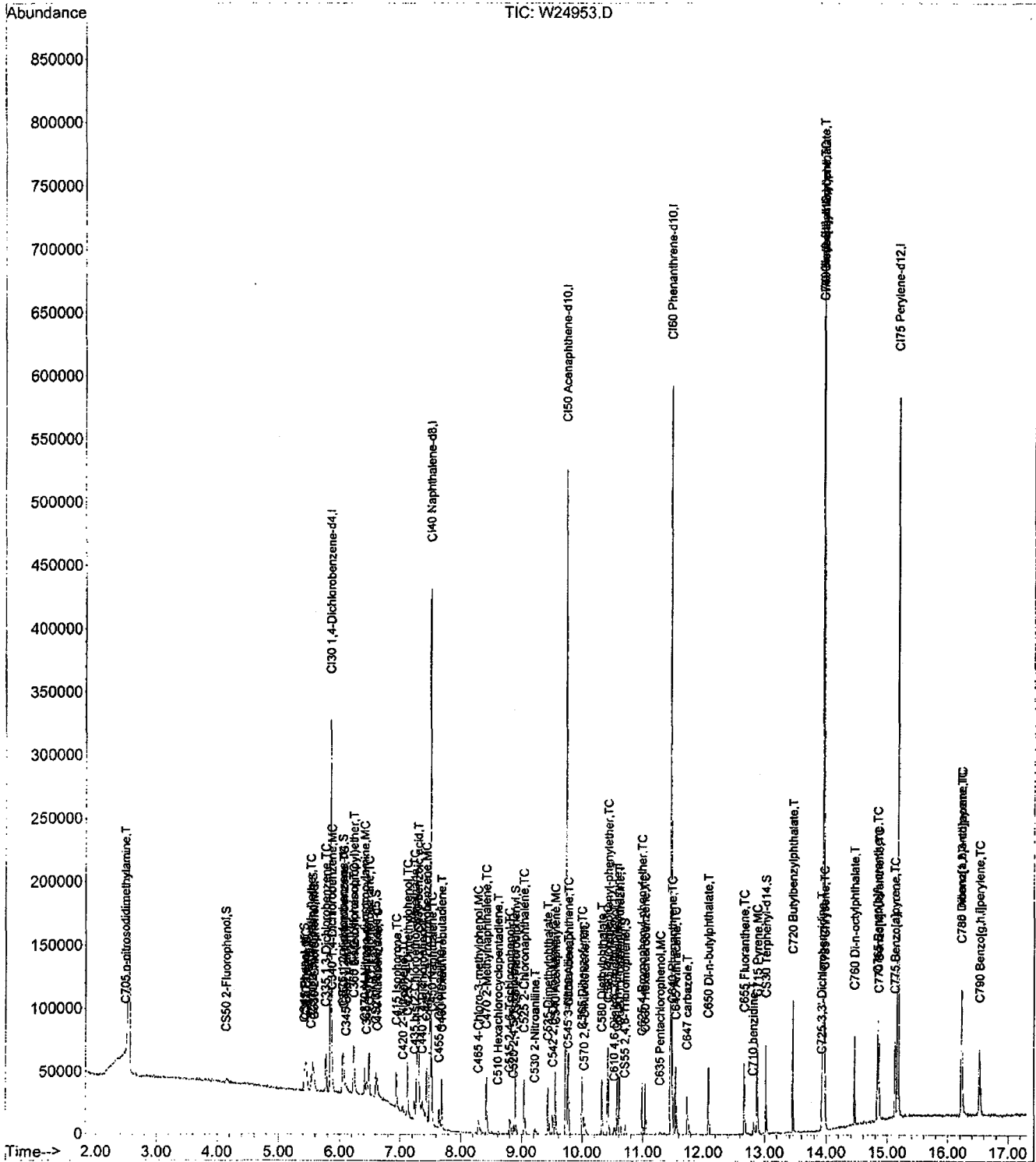
Seg	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7 Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24953.D
Acq On : 10 Jul 2008 13:21
Sample : SSTD005
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 2
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 11 07:35:10 2008 Results File: A8I-516(7-11).RES
Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Jul 09 14:20:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24953.D
 Acq On : 10 Jul 2008 13:21
 Sample : SSTD005
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:10 2008

Vial: 2
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	51706	40.00	ng	-0.06 107.93%
20) CI40 Naphthalene-d8	7.50	136	218088	40.00	ng	-0.05 111.76%
35) CI50 Acenaphthene-d10	9.74	164	123439	40.00	ng	-0.04 116.86%
56) CI60 Phenanthrene-d10	11.47	188	221157	40.00	ng	-0.04 135.96%
68) CI70 Chrysene-d12	13.95	240	225965	40.00	ng	-0.03 170.77%
78) CI75 Perylene-d12	15.17	264	208677	40.00	ng	-0.04 192.19%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.15	112	4113	7.96	ng	-0.03
Spiked Amount	150.000	Range	21 - 110	Recovery	=	5.31%#
5) CS45 Phenol-d5	5.43	99	8969	8.85	ng	-0.05
Spiked Amount	150.000	Range	10 - 110	Recovery	=	5.90%#
6) CS70 2-chlorophenol-d4	5.56	132	8226	4.27	ng	-0.05
Spiked Amount	150.000	Range	33 - 110	Recovery	=	2.85%#
12) CS75 1,2-dichlorobenzene-d	6.06	152	6122	4.88	ng	-0.05
Spiked Amount	100.000	Range	16 - 110	Recovery	=	4.88%#
21) CS20 Nitrobenzene-d5	6.60	82	8112	4.20	ng	-0.05
Spiked Amount	100.000	Range	34 - 114	Recovery	=	4.20%#
39) CS25 2-Fluorobiphenyl	8.90	172	20637	4.80	ng	-0.04
Spiked Amount	100.000	Range	43 - 116	Recovery	=	4.80%#
59) CS55 2,4,6-Tribromophenol	10.71	330	1847	8.00	ng	-0.04
Spiked Amount	150.000	Range	10 - 123	Recovery	=	5.33%#
71) CS30 Terphenyl-d14	13.02	244	25849	3.95	ng	-0.03
Spiked Amount	100.000	Range	33 - 141	Recovery	=	3.95%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.49	74	1416	8.84	ng	# 37
4) C325 bis(2-Chloroethyl)eth	5.54	93	9851	4.95	ng	88
7) C315 Phenol	5.44	94	10619	10.12	ng	83
8) C330 2-Chlorophenol	5.59	128	8554	4.27	ng	82
9) C320 aniline	5.46	93	12581	4.47	ng	# 51
10) C335 1,3-Dichlorobenzene	5.78	146	9844	4.49	ng	97
11) C340 1,4-Dichlorobenzene	5.88	146	10651	4.67	ng	93
13) C350 1,2-Dichlorobenzene	6.07	146	10169	4.63	ng	99
14) C345 Benzyl alcohol	6.10	108	3673	10.03	ng	# 78
15) C360 bis(2-chloroisopropyl	6.24	45	14312	4.98	ng	# 36
16) C355 2-Methylphenol	6.24	108	8004	4.58	ng	93
17) C375 Hexachloroethane	6.49	117	4503	4.86	ng	82
18) C370 N-Nitroso-di-n-propyl	6.42	70	6128	4.53	ng	89
19) C365 4-Methylphenol	6.45	108	6583	9.69	ng	94
22) C410 Nitrobenzene	6.63	77	9527	4.76	ng	92
23) C415 Isophorone	6.94	82	16706	4.68	ng	95
24) C430 benzoic acid	7.31	122	57858	93.31	ng	99
25) C420 2-Nitrophenol	7.05	139	3324	8.07	ng	90
26) C425 2,4-Dimethylphenol	7.12	107	7851	4.13	ng	97
27) C435 bis(2-Chloroethoxy)me	7.24	93	9365	4.28	ng	93
28) C440 2,4-Dichlorophenol	7.37	162	4322	2.74	ng	91

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24953.D
 Acq On : 10 Jul 2008 13:21
 Sample : SSTD005
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:10 2008

Vial: 2
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dev(Ar)
29) C445 1,2,4-Trichlorobenzen	7.44	180	8530	4.78	ng		99
30) C450 Naphthalene	7.53	128	28312	4.70	ng		92
31) C455 4-Chloroaniline	7.65	127	8797	9.62	ng		94
32) C460 Hexachlorobutadiene	7.69	225	5226	4.77	ng		91
33) C465 4-Chloro-3-methylphen	8.29	107	5896	8.87	ng		96
34) C470 2-Methylnaphthalene	8.42	142	18741	4.78	ng		98
36) C510 Hexachlorocyclopentad	8.62	237	610	11.57	ng		92
37) C515 2,4,6-Trichlorophenol	8.81	196	3750	8.93	ng		88
38) C520 2,4,5-Trichlorophenol	8.87	196	4210	7.99	ng		95
40) C525 2-Chloronaphthalene	9.04	162	18095	8.15	ng		97
41) C530 2-Nitroaniline	9.22	65	3086	10.25	ng		86
42) C540 Acenaphthylene	9.56	152	26603	4.45	ng		95
43) C535 Dimethylphthalate	9.44	163	18175	4.59	ng		95
44) C542 2,6-Dinitrotoluene	9.52	165	3351	9.73	ng		92
45) C550 Acenaphthene	9.78	153	18855	5.03	ng		95
46) C545 3-Nitroaniline	9.76	138	2148	10.80	ng	#	72
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	10.00	168	24118	5.19	ng		81
49) C570 2,4-Dinitrotoluene	10.04	165	4604	8.93	ng	#	1
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	10.42	166	20621	5.19	ng		100
52) C585 4-Chlorophenyl-phenyl	10.44	204	9624	4.85	ng		90
53) C580 Diethylphthalate	10.32	149	20279	4.93	ng		98
54) C620 1,2 diphenylhydrazine	10.62	77	19969	4.83	ng		96
55) C595 4-Nitroaniline	10.51	138	1774	Below Cal		#	66
57) C610 4,6-Dinitro-2-methylp	10.53	198	1683	14.39	ng		100
58) C615 n-Nitrosodiphenylamin	10.58	169	13595	4.28	ng		94
60) C625 4-Bromophenyl-phenyle	11.00	248	5509	4.17	ng	#	83
61) C630 Hexachlorobenzene	11.05	284	6298	4.34	ng		98
62) C635 Pentachlorophenol	11.29	266	1437	16.56	ng		97
63) C640 Phenanthrene	11.49	178	31028	4.86	ng		98
64) C645 Anthracene	11.55	178	28773	4.50	ng		98
65) C647 carbazole	11.74	167	25525	9.71	ng		97
66) C650 Di-n-butylphthalate	12.09	149	29536	3.65	ng		98
67) C655 Fluoranthene	12.67	202	31427	4.70	ng		94
69) C715 Pyrene	12.88	202	33420	3.78	ng		97
70) C710 benzidine	12.82	184	12530	16.65	ng		81
72) C720 Butylbenzylphthalate	13.45	149	13568	3.03	ng		95
73) C725 3,3'-Dichlorobenzidin	13.92	252	9962	11.00	ng		92
74) C730 Benzo[a]anthracene	13.94	228	32210	4.72	ng		96
75) C735 Chrysene	13.97	228	35436	5.00	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.94	149	20457	2.83	ng		99
77) C760 Di-n-octylphthalate	14.46	149	29044	2.62	ng		99
79) C765 Benzo[b]fluoranthene	14.84	252	31325	4.40	ng		98
80) C770 Benzo[k]fluoranthene	14.86	252	34475	6.58	ng		97
81) C775 Benzo[a]pyrene	15.13	252	28626	7.56	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.23	276	43418	12.24	ng		96
83) C785 Dibenz[a,h]anthracene	16.23	278	37944	9.30	ng		94
84) C790 Benzo[g,h,i]perylene	16.53	276	38103	8.41	ng		95

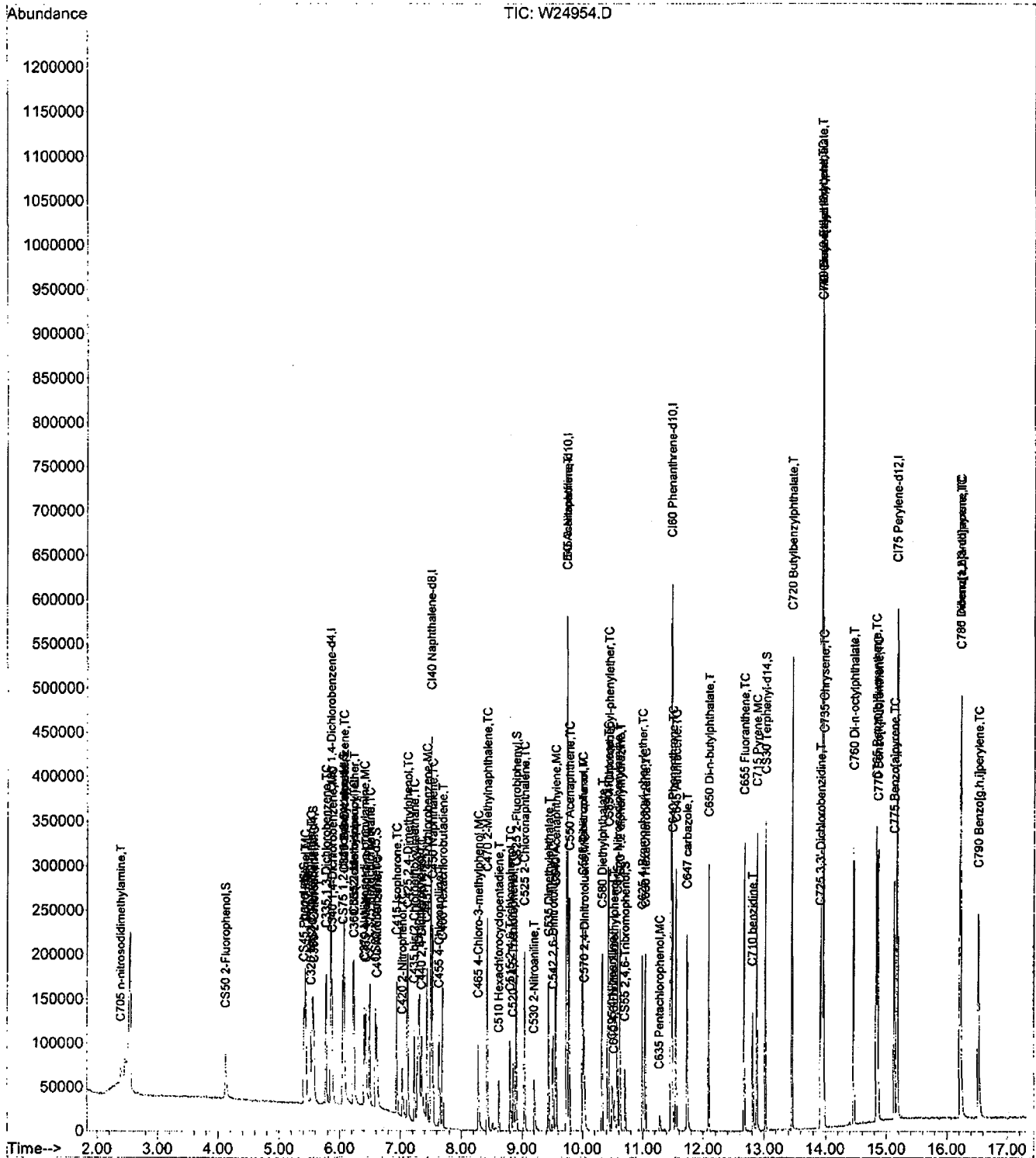
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24954.D
Acq On : 10 Jul 2008 13:44
Sample : SST020
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 3
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 11 07:35:11 2008 Results File: A8I-516(7-11).RES
Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Jul 09 14:20:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24954.D
 Acq On : 10 Jul 2008 13:44
 Sample : SSTD020
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:11 2008

Vial: 3
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	51127	40.00	ng	-0.05 106.72%
20) CI40 Naphthalene-d8	7.50	136	211407	40.00	ng	-0.05 108.34%
35) CI50 Acenaphthene-d10	9.74	164	120041	40.00	ng	-0.04 113.65%
56) CI60 Phenanthrene-d10	11.47	188	213009	40.00	ng	-0.04 130.95%
68) CI70 Chrysene-d12	13.95	240	232498	40.00	ng	-0.03 175.70%
78) CI75 Perylene-d12	15.17	264	205587	40.00	ng	-0.04 189.35%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.13	112	28885	20.57	ng	-0.05
Spiked Amount 150.000	Range 21 - 110		Recovery =	13.71%#		
5) CS45 Phenol-d5	5.41	99	41984	22.01	ng	-0.06
Spiked Amount 150.000	Range 10 - 110		Recovery =	14.67%		
6) CS70 2-chlorophenol-d4	5.56	132	36253	19.05	ng	-0.06
Spiked Amount 150.000	Range 33 - 110		Recovery =	12.70%#		
12) CS75 1,2-dichlorobenzene-d	6.06	152	23673	19.10	ng	-0.05
Spiked Amount 100.000	Range 16 - 110		Recovery =	19.10%		
21) CS20 Nitrobenzene-d5	6.59	82	38269	20.45	ng	-0.05
Spiked Amount 100.000	Range 34 - 114		Recovery =	20.45%#		
39) CS25 2-Fluorobiphenyl	8.90	172	78594	18.81	ng	-0.05
Spiked Amount 100.000	Range 43 - 116		Recovery =	18.81%#		
59) CS55 2,4,6-Tribromophenol	10.71	330	8993	19.70	ng	-0.04
Spiked Amount 150.000	Range 10 - 123		Recovery =	13.13%		
71) CS30 Terphenyl-d14	13.02	244	104131	15.46	ng	-0.03
Spiked Amount 100.000	Range 33 - 141		Recovery =	15.46%#		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.39	74	19291	21.75	ng	98
4) C325 bis(2-Chloroethyl)eth	5.53	93	40881	20.78	ng	85
7) C315 Phenol	5.43	94	47402	22.73	ng	89
8) C330 2-Chlorophenol	5.58	128	37272	18.80	ng	88
9) C320 aniline	5.44	93	54815	19.69	ng	# 37
10) C335 1,3-Dichlorobenzene	5.78	146	40810	18.83	ng	99
11) C340 1,4-Dichlorobenzene	5.88	146	43445	19.25	ng	97
13) C350 1,2-Dichlorobenzene	6.07	146	41421	19.09	ng	95
14) C345 Benzyl alcohol	6.08	108	21310	21.85	ng	# 83
15) C360 bis(2-chloroisopropyl	6.24	45	54109	19.03	ng	71
16) C355 2-Methylphenol	6.23	108	34441	19.94	ng	97
17) C375 Hexachloroethane	6.50	117	18031	19.67	ng	88
18) C370 N-Nitroso-di-n-propyl	6.41	70	25554	19.12	ng	96
19) C365 4-Methylphenol	6.43	108	33921	22.63	ng	90
22) C410 Nitrobenzene	6.62	77	38822	20.01	ng	89
23) C415 Isophorone	6.94	82	68649	19.84	ng	95
24) C430 benzoic acid	7.32	122	79417	132.13	ng	99
25) C420 2-Nitrophenol	7.03	139	16926	20.61	ng	91
26) C425 2,4-Dimethylphenol	7.12	107	35630	19.35	ng	91
27) C435 bis(2-Chloroethoxy)me	7.23	93	40912	19.29	ng	96
28) C440 2,4-Dichlorophenol	7.35	162	28937	18.94	ng	95

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24954.D
 Acq On : 10 Jul 2008 13:44
 Sample : SSTD020
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:11 2008

Vial: 3
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dev(Max)
						Rcv(Ar)	
29) C445 1,2,4-Trichlorobenzen	7.44	180	33498	19.37	ng		97
30) C450 Naphthalene	7.53	128	111940	19.16	ng		97
31) C455 4-Chloroaniline	7.64	127	42581	23.17	ng		98
32) C460 Hexachlorobutadiene	7.70	225	19895	18.75	ng		98
33) C465 4-Chloro-3-methylphen	8.28	107	27819	22.48	ng		88
34) C470 2-Methylnaphthalene	8.42	142	73603	19.38	ng		87
36) C510 Hexachlorocyclopentad	8.61	237	10382	19.46	ng		99
37) C515 2,4,6-Trichlorophenol	8.80	196	19722	22.06	ng		95
38) C520 2,4,5-Trichlorophenol	8.85	196	21614	21.82	ng		99
40) C525 2-Chloronaphthalene	9.04	162	71456	21.46	ng		96
41) C530 2-Nitroaniline	9.20	65	15602	24.51	ng		90
42) C540 Acenaphthylene	9.55	152	111758	19.23	ng		97
43) C535 Dimethylphthalate	9.44	163	76003	19.75	ng		99
44) C542 2,6-Dinitrotoluene	9.51	165	15743	22.66	ng		97
45) C550 Acenaphthene	9.78	153	71527	19.63	ng		98
46) C545 3-Nitroaniline	9.73	138	16888	25.33	ng		87
47) C555 2,4-Dinitrophenol	9.91	184	573	Below Cal		#	10
48) C565 Dibenzofuran	10.00	168	98401	21.78	ng		88
49) C570 2,4-Dinitrotoluene	10.02	165	23234	23.23	ng	#	1
50) C560 4-Nitrophenol	10.00	109	5262	27.90	ng	#	1
51) C590 Fluorene	10.42	166	78742	20.36	ng		99
52) C585 4-Chlorophenyl-phenyl	10.43	204	38901	20.14	ng		98
53) C580 Diethylphthalate	10.32	149	78042	19.50	ng		97
54) C620 1,2 diphenylhydrazine	10.62	77	84299	20.98	ng		96
55) C595 4-Nitroaniline	10.49	138	15731	26.57	ng		89
57) C610 4,6-Dinitro-2-methylp	10.52	198	7039	21.39	ng		100
58) C615 n-Nitrosodiphenylamin	10.58	169	56185	18.38	ng		96
60) C625 4-Bromophenyl-phenyle	10.99	248	21837	17.16	ng		94
61) C630 Hexachlorobenzene	11.04	284	25164	17.99	ng		96
62) C635 Pentachlorophenol	11.29	266	5498	22.15	ng		92
63) C640 Phenanthrene	11.49	178	118810	19.32	ng		97
64) C645 Anthracene	11.55	178	118581	19.25	ng		99
65) C647 carbazole	11.73	167	110701	24.22	ng		99
66) C650 Di-n-butylphthalate	12.09	149	127248	16.30	ng		99
67) C655 Fluoranthene	12.67	202	126386	19.63	ng		97
69) C715 Pyrene	12.88	202	132584	14.59	ng		98
70) C710 benzidine	12.81	184	62779	34.94	ng		96
72) C720 Butylbenzylphthalate	13.45	149	61095	13.26	ng		95
73) C725 3,3'-Dichlorobenzidin	13.92	252	43339	24.57	ng		95
74) C730 Benzo[a]anthracene	13.94	228	136301	19.40	ng		98
75) C735 Chrysene	13.97	228	135598	18.58	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.94	149	90522	12.18	ng		98
77) C760 Di-n-octylphthalate	14.46	149	135596	11.88	ng		99
79) C765 Benzo[b]fluoranthene	14.83	252	140239	19.99	ng		99
80) C770 Benzo[k]fluoranthene	14.86	252	125113	19.34	ng		98
81) C775 Benzo[a]pyrene	15.13	252	118344	22.34	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.22	276	171037	33.70	ng		94
83) C785 Dibenz[a,h]anthracene	16.23	278	149201	47.07	ng		100
84) C790 Benzo[g,h,i]perylene	16.52	276	146977	27.46	ng		95

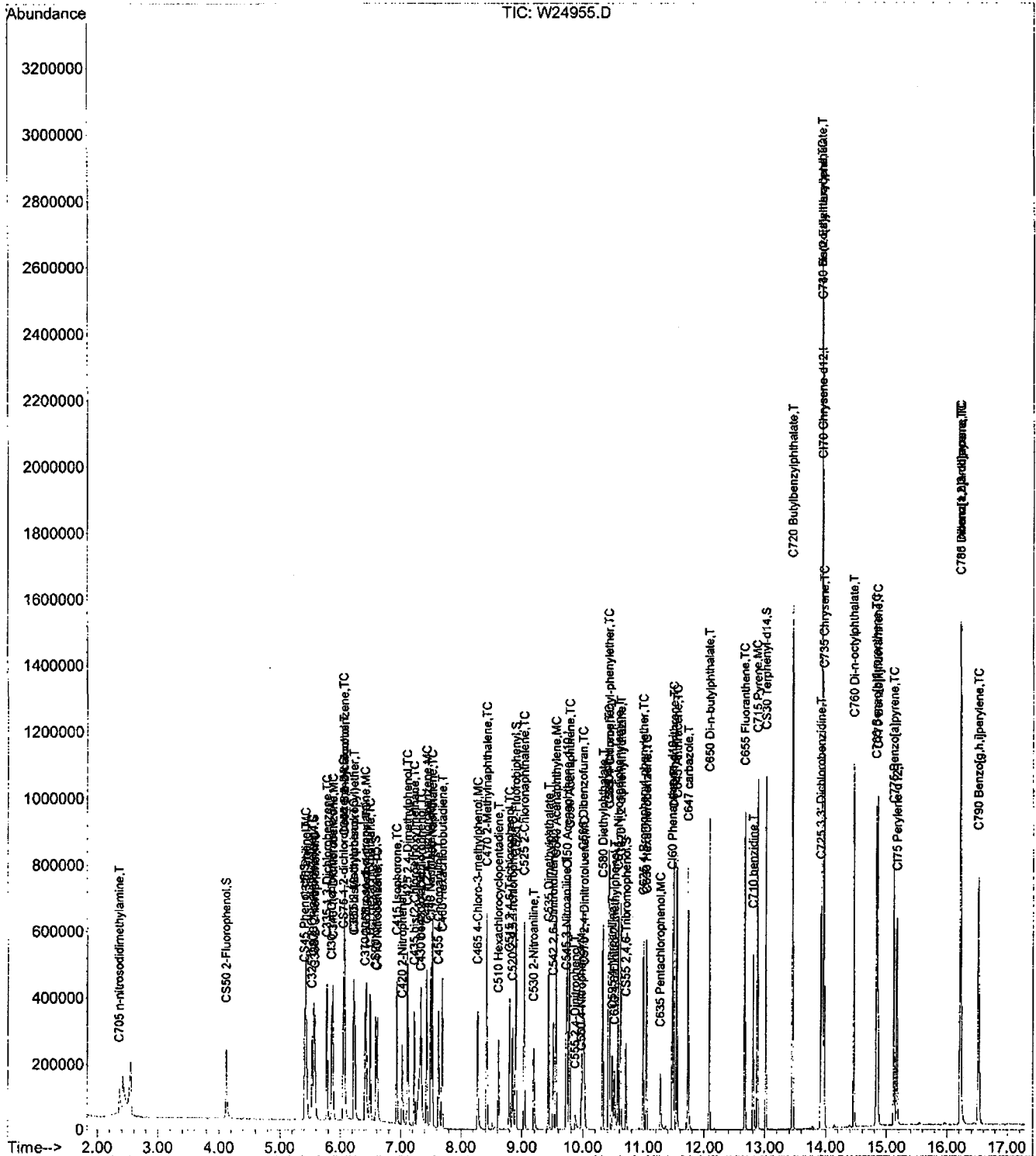
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24955.D
Acq On : 10 Jul 2008 14:07
Sample : SSTD050
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 4
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 11 07:35:13 2008 Results File: A8I-516(7-11).RES
Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Jul 09 14:20:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24955.D
 Acq On : 10 Jul 2008 14:07
 Sample : SSTD050
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:13 2008

Vial: 4
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	53975	40.00	ng	-0.05 112.66%
20) CI40 Naphthalene-d8	7.50	136	221659	40.00	ng	-0.05 113.59%
35) CI50 Acenaphthene-d10	9.74	164	130959	40.00	ng	-0.04 123.98%
56) CI60 Phenanthrene-d10	11.47	188	223798	40.00	ng	-0.04 137.58%
68) CI70 Chrysene-d12	13.95	240	267669	40.00	ng	-0.03 202.28%
78) CI75 Perylene-d12	15.17	264	224393	40.00	ng	-0.04 206.67%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.12	112	90423	49.42	ng	-0.06
Spiked Amount	150.000	Range	21 - 110	Recovery	=	32.95%
5) CS45 Phenol-d5	5.41	99	121006	50.87	ng	-0.06
Spiked Amount	150.000	Range	10 - 110	Recovery	=	33.91%
6) CS70 2-chlorophenol-d4	5.56	132	102982	51.27	ng	-0.06
Spiked Amount	150.000	Range	33 - 110	Recovery	=	34.18%
12) CS75 1,2-dichlorobenzene-d	6.05	152	65630	50.16	ng	-0.06
Spiked Amount	100.000	Range	16 - 110	Recovery	=	50.16%
21) CS20 Nitrobenzene-d5	6.59	82	105672	53.85	ng	-0.06
Spiked Amount	100.000	Range	34 - 114	Recovery	=	53.85%
39) CS25 2-Fluorobiphenyl	8.90	172	221281	48.53	ng	-0.05
Spiked Amount	100.000	Range	43 - 116	Recovery	=	48.53%
59) CS55 2,4,6-Tribromophenol	10.70	330	28204	48.66	ng	-0.04
Spiked Amount	150.000	Range	10 - 123	Recovery	=	32.44%
71) CS30 Terphenyl-d14	13.02	244	302926	39.05	ng	-0.03
Spiked Amount	100.000	Range	33 - 141	Recovery	=	39.05%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.36	74	61217	49.67	ng	96
4) C325 bis(2-Chloroethyl)eth	5.53	93	103562	49.86	ng	87
7) C315 Phenol	5.43	94	137439	51.00	ng	88
8) C330 2-Chlorophenol	5.58	128	107042	51.15	ng	87
9) C320 aniline	5.44	93	155805	53.02	ng	# 35
10) C335 1,3-Dichlorobenzene	5.78	146	113802	49.75	ng	96
11) C340 1,4-Dichlorobenzene	5.88	146	118361	49.68	ng	97
13) C350 1,2-Dichlorobenzene	6.07	146	113425	49.52	ng	93
14) C345 Benzyl alcohol	6.07	108	68191	50.80	ng	92
15) C360 bis(2-chloroisopropyl	6.23	45	145023	48.32	ng	55
16) C355 2-Methylphenol	6.22	108	92253	50.59	ng	93
17) C375 Hexachloroethane	6.50	117	47625	49.22	ng	90
18) C370 N-Nitroso-di-n-propyl	6.41	70	73668	52.22	ng	91
19) C365 4-Methylphenol	6.43	108	97994	50.43	ng	99
22) C410 Nitrobenzene	6.62	77	110690	54.41	ng	90
23) C415 Isophorone	6.94	82	193515	53.35	ng	93
24) C430 benzoic acid	7.33	122	125697	199.46	ng	97
25) C420 2-Nitrophenol	7.03	139	52617	51.04	ng	88
26) C425 2,4-Dimethylphenol	7.11	107	100322	51.95	ng	91
27) C435 bis(2-Chloroethoxy)me	7.23	93	115155	51.79	ng	98
28) C440 2,4-Dichlorophenol	7.34	162	83078	51.85	ng	96

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24955.D
 Acq On : 10 Jul 2008 14:07
 Sample : SSTD050
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:13 2008

Vial: 4
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.44	180	90857	50.10	ng		100
30) C450 Naphthalene	7.53	128	306554	50.04	ng		98
31) C455 4-Chloroaniline	7.63	127	122139	52.58	ng		99
32) C460 Hexachlorobutadiene	7.70	225	53524	48.10	ng		99
33) C465 4-Chloro-3-methylphen	8.27	107	82505	53.82	ng		89
34) C470 2-Methylnaphthalene	8.42	142	202898	50.96	ng		91
36) C510 Hexachlorocyclopentad	8.61	237	42002	42.10	ng		99
37) C515 2,4,6-Trichlorophenol	8.80	196	57600	49.06	ng		95
38) C520 2,4,5-Trichlorophenol	8.84	196	62968	50.32	ng		99
40) C525 2-Chloronaphthalene	9.04	162	198905	48.85	ng		95
41) C530 2-Nitroaniline	9.19	65	49343	58.04	ng		83
42) C540 Acenaphthylene	9.55	152	315532	49.77	ng		97
43) C535 Dimethylphthalate	9.44	163	212834	50.70	ng		99
44) C542 2,6-Dinitrotoluene	9.51	165	47669	51.62	ng		90
45) C550 Acenaphthene	9.78	153	200904	50.54	ng		97
46) C545 3-Nitroaniline	9.72	138	54287	57.61	ng		88
47) C555 2,4-Dinitrophenol	9.87	184	14313	61.49	ng		85
48) C565 Dibenzofuran	10.00	168	286663	58.16	ng		84
49) C570 2,4-Dinitrotoluene	10.02	165	70793	55.00	ng	#	1
50) C560 4-Nitrophenol	9.98	109	23764	60.57	ng	#	83
51) C590 Fluorene	10.42	166	222689	52.79	ng		98
52) C585 4-Chlorophenyl-phenyl	10.43	204	110771	52.57	ng		97
53) C580 Diethylphthalate	10.32	149	220070	50.41	ng		98
54) C620 1,2 diphenylhydrazine	10.62	77	236439	53.93	ng		94
55) C595 4-Nitroaniline	10.48	138	53843	75.09	ng		86
57) C610 4,6-Dinitro-2-methylp	10.52	198	32539	52.27	ng		100
58) C615 n-Nitrosodiphenylamin	10.58	169	163686	50.95	ng		95
60) C625 4-Bromophenyl-phenyle	10.99	248	64528	48.27	ng		89
61) C630 Hexachlorobenzene	11.05	284	67438	45.90	ng		98
62) C635 Pentachlorophenol	11.27	266	25367	47.50	ng		99
63) C640 Phenanthrene	11.49	178	327486	50.69	ng		98
64) C645 Anthracene	11.55	178	343688	53.09	ng		99
65) C647 carbazole	11.73	167	329376	58.38	ng		98
66) C650 Di-n-butylphthalate	12.09	149	380438	46.40	ng		100
67) C655 Fluoranthene	12.67	202	365671	54.07	ng		98
69) C715 Pyrene	12.88	202	387847	37.06	ng		100
70) C710 benzidine	12.81	184	197437	74.80	ng		99
72) C720 Butylbenzylphthalate	13.45	149	182229	34.36	ng		96
73) C725 3,3'-Dichlorobenzidin	13.92	252	137780	55.88	ng		98
74) C730 Benzo[a]anthracene	13.94	228	407906	50.44	ng		99
75) C735 Chrysene	13.97	228	381768	45.44	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.94	149	278663	32.58	ng		99
77) C760 Di-n-octylphthalate	14.46	149	426329	32.44	ng		100
79) C765 Benzo[b]fluoranthene	14.83	252	416021	54.32	ng		97
80) C770 Benzo[k]fluoranthene	14.86	252	356707	47.59	ng		98
81) C775 Benzo[a]pyrene	15.13	252	356048	56.43	ng		97
82) C780 Indeno[1,2,3-cd]pyren	16.22	276	502918	82.18	ng		99
83) C785 Dibenz[a,h]anthracene	16.23	278	438799	105.56	ng		98
84) C790 Benzo[g,h,i]perylene	16.52	276	428065	70.14	ng		99

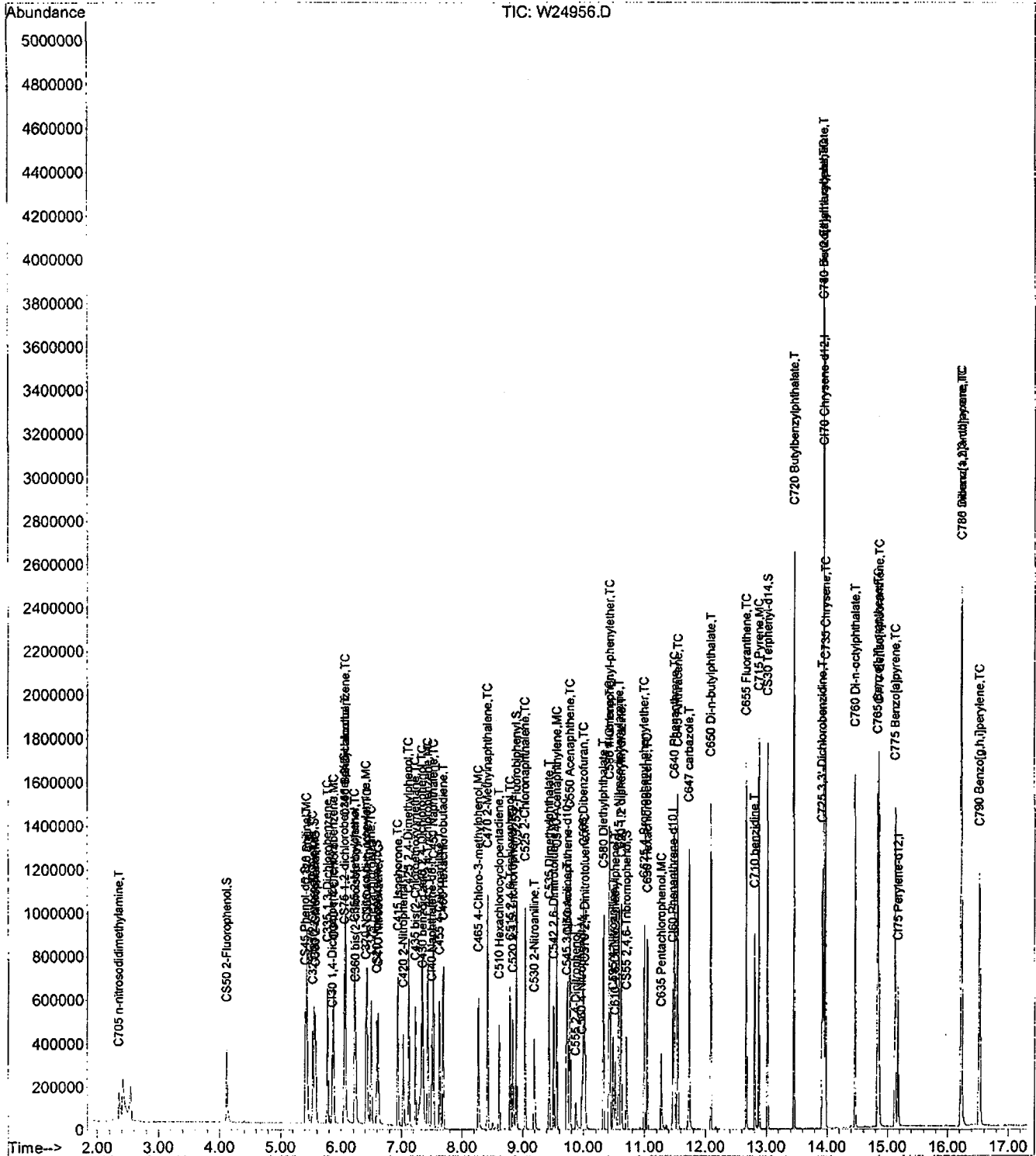
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24956.D
Acq On : 10 Jul 2008 14:30
Sample : SSTD080
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 5
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 11 07:35:14 2008 Results File: A8I-516(7-11).RES
Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Jul 09 14:20:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24956.D
 Acq On : 10 Jul 2008 14:30
 Sample : SSTD080
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:14 2008

Vial: 5
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	51613	40.00	ng	-0.05 107.73%
20) CI40 Naphthalene-d8	7.50	136	214468	40.00	ng	-0.05 109.91%
35) CI50 Acenaphthene-d10	9.74	164	130221	40.00	ng	-0.04 123.28%
56) CI60 Phenanthrene-d10	11.47	188	222323	40.00	ng	-0.04 136.68%
68) CI70 Chrysene-d12	13.95	240	257644	40.00	ng	-0.03 194.71%
78) CI75 Perylene-d12	15.17	264	222490	40.00	ng	-0.04 204.91%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.12	112	141104	76.92	ng	-0.06
Spiked Amount	150.000	Range	21 - 110	Recovery	=	51.28%
5) CS45 Phenol-d5	5.41	99	189831	80.04	ng	-0.06
Spiked Amount	150.000	Range	10 - 110	Recovery	=	53.36%
6) CS70 2-chlorophenol-d4	5.56	132	160913	83.77	ng	-0.06
Spiked Amount	150.000	Range	33 - 110	Recovery	=	55.85%
12) CS75 1,2-dichlorobenzene-d	6.05	152	98429	78.68	ng	-0.06
Spiked Amount	100.000	Range	16 - 110	Recovery	=	78.68%
21) CS20 Nitrobenzene-d5	6.59	82	166415	87.64	ng	-0.06
Spiked Amount	100.000	Range	34 - 114	Recovery	=	87.64%
39) CS25 2-Fluorobiphenyl	8.90	172	349869	77.17	ng	-0.05
Spiked Amount	100.000	Range	43 - 116	Recovery	=	77.17%
59) CS55 2,4,6-Tribromophenol	10.71	330	46600	77.53	ng	-0.04
Spiked Amount	150.000	Range	10 - 123	Recovery	=	51.69%
71) CS30 Terphenyl-d14	13.02	244	496218	66.46	ng	-0.03
Spiked Amount	100.000	Range	33 - 141	Recovery	=	66.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.35	74	97065	77.22	ng	93
4) C325 bis(2-Chloroethyl)eth	5.53	93	152312	76.68	ng	89
7) C315 Phenol	5.43	94	216131	79.67	ng	86
8) C330 2-Chlorophenol	5.58	128	167356	83.64	ng	87
9) C320 aniline	5.44	93	244247	86.92	ng	# 36
10) C335 1,3-Dichlorobenzene	5.78	146	177087	80.96	ng	98
11) C340 1,4-Dichlorobenzene	5.88	146	181368	79.61	ng	98
13) C350 1,2-Dichlorobenzene	6.07	146	174122	79.49	ng	98
14) C345 Benzyl alcohol	6.07	108	108371	79.39	ng	90
15) C360 bis(2-chloroisopropyl	6.24	45	225138	78.45	ng	84
16) C355 2-Methylphenol	6.22	108	144466	82.85	ng	97
17) C375 Hexachloroethane	6.50	117	72681	78.56	ng	88
18) C370 N-Nitroso-di-n-propyl	6.41	70	117161	86.85	ng	93
19) C365 4-Methylphenol	6.43	108	159219	81.06	ng	93
22) C410 Nitrobenzene	6.62	77	171541	87.14	ng	90
23) C415 Isophorone	6.94	82	307997	87.76	ng	94
24) C430 benzoic acid	7.36	122	224618	368.38	ng	99
25) C420 2-Nitrophenol	7.03	139	84476	81.32	ng	90
26) C425 2,4-Dimethylphenol	7.11	107	165829	88.75	ng	93
27) C435 bis(2-Chloroethoxy)me	7.23	93	180086	83.70	ng	98
28) C440 2,4-Dichlorophenol	7.34	162	135998	87.73	ng	97

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24956.D
 Acq On : 10 Jul 2008 14:30
 Sample : SSTD080
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:14 2008

Vial: 5
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.44	180	142073	80.96	ng		97
30) C450 Naphthalene	7.53	128	486866	82.14	ng		97
31) C455 4-Chloroaniline	7.63	127	195664	82.96	ng		100
32) C460 Hexachlorobutadiene	7.70	225	85264	79.19	ng		99
33) C465 4-Chloro-3-methylphen	8.27	107	132039	85.51	ng		90
34) C470 2-Methylnaphthalene	8.42	142	326841	84.83	ng		93
36) C510 Hexachlorocyclopentad	8.61	237	74777	66.60	ng		98
37) C515 2,4,6-Trichlorophenol	8.80	196	92842	75.82	ng		98
38) C520 2,4,5-Trichlorophenol	8.84	196	101905	78.91	ng		98
40) C525 2-Chloronaphthalene	9.04	162	316245	75.83	ng		96
41) C530 2-Nitroaniline	9.19	65	80008	90.32	ng		85
42) C540 Acenaphthylene	9.56	152	515752	81.81	ng		99
43) C535 Dimethylphthalate	9.44	163	345519	82.78	ng		99
44) C542 2,6-Dinitrotoluene	9.51	165	76714	79.61	ng		93
45) C550 Acenaphthene	9.78	153	319023	80.70	ng		97
46) C545 3-Nitroaniline	9.72	138	89397	89.66	ng		87
47) C555 2,4-Dinitrophenol	9.87	184	32343	104.48	ng	#	77
48) C565 Dibenzofuran	10.00	168	463725	94.61	ng		83
49) C570 2,4-Dinitrotoluene	10.02	165	116625	87.50	ng	#	3
50) C560 4-Nitrophenol	9.97	109	43021	95.93	ng		90
51) C590 Fluorene	10.42	166	361785	86.25	ng		99
52) C585 4-Chlorophenyl-phenyl	10.43	204	174942	83.49	ng		98
53) C580 Diethylphthalate	10.32	149	358496	82.58	ng		98
54) C620 1,2 diphenylhydrazine	10.62	77	375118	86.04	ng		94
55) C595 4-Nitroaniline	10.48	138	90335	110.96	ng		87
57) C610 4,6-Dinitro-2-methylp	10.52	198	57341	83.19	ng		100
58) C615 n-Nitrosodiphenylamin	10.58	169	264359	82.84	ng		98
60) C625 4-Bromophenyl-phenyle	10.99	248	104130	78.41	ng		92
61) C630 Hexachlorobenzene	11.05	284	110141	75.46	ng		89
62) C635 Pentachlorophenol	11.27	266	47471	76.50	ng		95
63) C640 Phenanthrene	11.49	178	529383	82.49	ng		99
64) C645 Anthracene	11.55	178	556069	86.47	ng		98
65) C647 carbazole	11.73	167	530360	91.16	ng		98
66) C650 Di-n-butylphthalate	12.09	149	624267	76.64	ng		99
67) C655 Fluoranthene	12.67	202	595663	88.66	ng		97
69) C715 Pyrene	12.88	202	633406	62.88	ng		99
70) C710 benzidine	12.81	184	325442	119.59	ng		100
72) C720 Butylbenzylphthalate	13.45	149	301257	59.01	ng		98
73) C725 3,3'-Dichlorobenzidin	13.92	252	226655	90.68	ng		98
74) C730 Benzo[a]anthracene	13.94	228	646693	83.08	ng		98
75) C735 Chrysene	13.97	228	618217	76.45	ng		98
76) C740 bis(2-Ethylhexyl)pth	13.94	149	457521	55.57	ng		98
77) C760 Di-n-octylphthalate	14.46	149	696001	55.03	ng		100
79) C765 Benzo[b]fluoranthene	14.84	252	654799	86.22	ng		97
80) C770 Benzo[k]fluoranthene	14.86	252	605768	80.21	ng		98
81) C775 Benzo[a]pyrene	15.13	252	586642	91.84	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.23	276	804933	129.54	ng		96
83) C785 Dibenz[a,h]anthracene	16.23	278	695258	147.42	ng		98
84) C790 Benzo[g,h,i]perylene	16.53	276	671947	109.94	ng		98

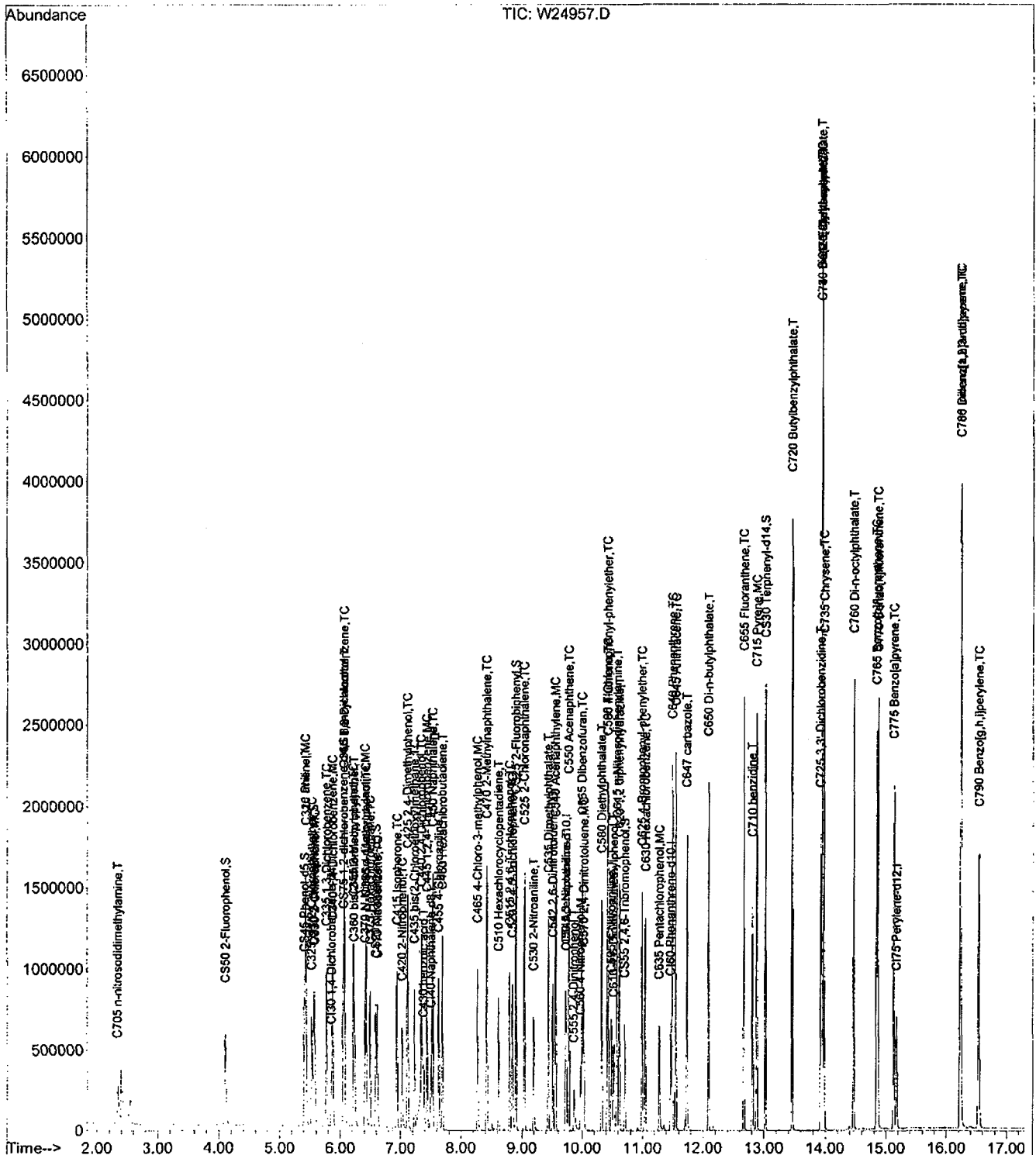
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24957.D
Acq On : 10 Jul 2008 15:18
Sample : SSTD120
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 6
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 11 07:35:16 2008 Results File: A8I-516(7-11).RES
Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Jul 09 14:20:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24957.D
 Acq On : 10 Jul 2008 15:18
 Sample : SSTD120
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:16 2008

Vial: 6
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	55090	40.00	ng	-0.06 114.99%
20) CI40 Naphthalene-d8	7.50	136	230271	40.00	ng	-0.05 118.00%
35) CI50 Acenaphthene-d10	9.74	164	140274	40.00	ng	-0.04 132.80%
56) CI60 Phenanthrene-d10	11.47	188	235628	40.00	ng	-0.04 144.86%
68) CI70 Chrysene-d12	13.95	240	280484	40.00	ng	-0.03 211.97%
78) CI75 Perylene-d12	15.17	264	236023	40.00	ng	-0.04 217.38%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.11	112	224313	111.67	ng	-0.07
Spiked Amount	150.000	Range	21 - 110	Recovery	=	74.45%
5) CS45 Phenol-d5	5.41	99	299114	115.62	ng	-0.06
Spiked Amount	150.000	Range	10 - 110	Recovery	=	77.08%
6) CS70 2-chlorophenol-d4	5.55	132	251035	122.44	ng	-0.06
Spiked Amount	150.000	Range	33 - 110	Recovery	=	81.63%
12) CS75 1,2-dichlorobenzene-d	6.04	152	152485	114.19	ng	-0.06
Spiked Amount	100.000	Range	16 - 110	Recovery	=	114.19%#
21) CS20 Nitrobenzene-d5	6.59	82	255446	125.30	ng	-0.06
Spiked Amount	100.000	Range	34 - 114	Recovery	=	125.30%#
39) CS25 2-Fluorobiphenyl	8.90	172	546571	111.92	ng	-0.05
Spiked Amount	100.000	Range	43 - 116	Recovery	=	111.92%
59) CS55 2,4,6-Tribromophenol	10.71	330	73781	113.29	ng	-0.04
Spiked Amount	150.000	Range	10 - 123	Recovery	=	75.53%
71) CS30 Terphenyl-d14	13.02	244	757344	93.18	ng	-0.03
Spiked Amount	100.000	Range	33 - 141	Recovery	=	93.18%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.34	74	152354	109.87	ng	95
4) C325 bis(2-Chloroethyl)eth	5.53	93	235294	110.98	ng	90
7) C315 Phenol	5.42	94	345607	116.09	ng	89
8) C330 2-Chlorophenol	5.57	128	262490	122.90	ng	87
9) C320 aniline	5.43	93	389698	129.94	ng	# 38
10) C335 1,3-Dichlorobenzene	5.77	146	268573	115.03	ng	98
11) C340 1,4-Dichlorobenzene	5.87	146	277475	114.11	ng	97
13) C350 1,2-Dichlorobenzene	6.07	146	270954	115.89	ng	96
14) C345 Benzyl alcohol	6.06	108	172774	114.83	ng	90
15) C360 bis(2-chloroisopropyl	6.23	45	347742	113.52	ng	79
16) C355 2-Methylphenol	6.22	108	230720	123.96	ng	98
17) C375 Hexachloroethane	6.49	117	110839	112.24	ng	89
18) C370 N-Nitroso-di-n-propyl	6.41	70	180329	125.24	ng	91
19) C365 4-Methylphenol	6.43	108	252617	117.27	ng	99
22) C410 Nitrobenzene	6.62	77	264995	125.38	ng	90
23) C415 Isophorone	6.94	82	467392	124.03	ng	94
24) C430 benzoic acid	7.38	122	328601	501.93	ng	100
25) C420 2-Nitrophenol	7.03	139	131146	115.29	ng	85
26) C425 2,4-Dimethylphenol	7.11	107	255887	127.55	ng	90
27) C435 bis(2-Chloroethoxy)me	7.23	93	274680	118.91	ng	97
28) C440 2,4-Dichlorophenol	7.34	162	209672	125.97	ng	95

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24957.D
 Acq On : 10 Jul 2008 15:18
 Sample : SSTD120
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:16 2008

Vial: 6
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.43	180	217980	115.70	ng		98
30) C450 Naphthalene	7.53	128	765440	120.28	ng		97
31) C455 4-Chloroaniline	7.63	127	309551	119.29	ng		99
32) C460 Hexachlorobutadiene	7.69	225	131989	114.17	ng		98
33) C465 4-Chloro-3-methylphen	8.27	107	202502	119.86	ng		91
34) C470 2-Methylnaphthalene	8.42	142	514190	124.30	ng		94
36) C510 Hexachlorocyclopentad	8.61	237	127227	98.77	ng		98
37) C515 2,4,6-Trichlorophenol	8.80	196	144207	106.70	ng		97
38) C520 2,4,5-Trichlorophenol	8.84	196	156475	110.46	ng		100
40) C525 2-Chloronaphthalene	9.04	162	493553	108.16	ng		95
41) C530 2-Nitroaniline	9.19	65	127518	130.35	ng		84
42) C540 Acenaphthylene	9.55	152	802949	118.23	ng		98
43) C535 Dimethylphthalate	9.44	163	534925	118.97	ng		100
44) C542 2,6-Dinitrotoluene	9.51	165	122311	114.79	ng		91
45) C550 Acenaphthene	9.78	153	494440	116.11	ng		97
46) C545 3-Nitroaniline	9.73	138	141448	127.60	ng	#	81
47) C555 2,4-Dinitrophenol	9.87	184	57466	139.85	ng	#	71
48) C565 Dibenzofuran	10.00	168	692183	131.10	ng		83
49) C570 2,4-Dinitrotoluene	10.02	165	177361	121.26	ng	#	2
50) C560 4-Nitrophenol	9.97	109	72504	140.21	ng		86
51) C590 Fluorene	10.42	166	565690	125.20	ng		99
52) C585 4-Chlorophenyl-phenyl	10.43	204	266900	118.25	ng		99
53) C580 Diethylphthalate	10.32	149	541278	115.75	ng		98
54) C620 1,2 diphenylhydrazine	10.62	77	570154	121.40	ng		94
55) C595 4-Nitroaniline	10.48	138	142439	144.44	ng		90
57) C610 4,6-Dinitro-2-methylp	10.52	198	93900	121.84	ng		100
58) C615 n-Nitrosodiphenylamin	10.58	169	401934	118.83	ng		97
60) C625 4-Bromophenyl-phenyle	10.99	248	160453	113.99	ng		95
61) C630 Hexachlorobenzene	11.05	284	168168	108.71	ng		90
62) C635 Pentachlorophenol	11.27	266	78935	111.67	ng		98
63) C640 Phenanthrene	11.49	178	807953	118.79	ng		99
64) C645 Anthracene	11.55	178	858891	126.02	ng		98
65) C647 carbazole	11.73	167	818757	130.25	ng		97
66) C650 Di-n-butylphthalate	12.09	149	966862	112.00	ng		99
67) C655 Fluoranthene	12.67	202	929180	130.49	ng		94
69) C715 Pyrene	12.88	202	985771	89.90	ng		95
70) C710 benzidine	12.81	184	509669	166.81	ng		100
72) C720 Butylbenzylphthalate	13.46	149	466208	83.88	ng		91
73) C725 3,3'-Dichlorobenzidin	13.92	252	355921	127.79	ng		97
74) C730 Benzo[a]anthracene	13.95	228	987282	116.50	ng		99
75) C735 Chrysene	13.98	228	919607	104.45	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.94	149	697047	77.76	ng		97
77) C760 Di-n-octylphthalate	14.46	149	1087080	78.95	ng		100
79) C765 Benzo[b]fluoranthene	14.84	252	1051089	130.47	ng		98
80) C770 Benzo[k]fluoranthene	14.86	252	858884	106.58	ng		98
81) C775 Benzo[a]pyrene	15.13	252	892723	130.47	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.23	276	1261551	188.95	ng		94
83) C785 Dibenz[a,h]anthracene	16.24	278	1090022	191.53	ng		97
84) C790 Benzo[g,h,i]perylene	16.54	276	1009381	154.90	ng		97

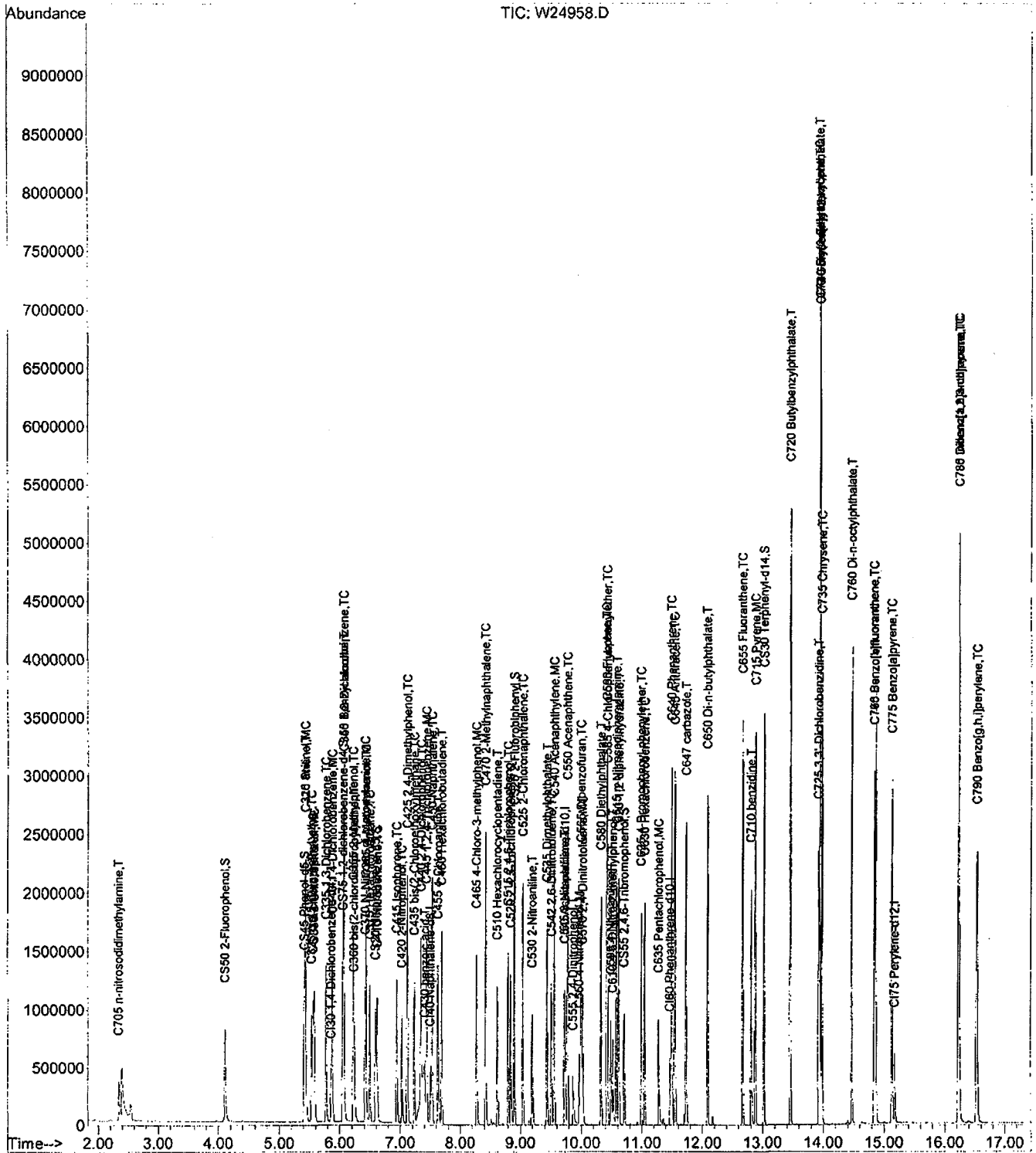
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24958.D
Acq On : 10 Jul 2008 15:41
Sample : SSTD160
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 7
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 11 07:35:17 2008 Results File: A8I-516(7-11).RES
Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Jul 09 14:20:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24958.D
 Acq On : 10 Jul 2008 15:41
 Sample : SSTD160
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:17 2008

Vial: 7
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	49721	40.00	ng	-0.05	103.78%
20) CI40 Naphthalene-d8	7.50	136	220671	40.00	ng	-0.05	113.09%
35) CI50 Acenaphthene-d10	9.74	164	125763	40.00	ng	-0.04	119.06%
56) CI60 Phenanthrene-d10	11.47	188	215170	40.00	ng	-0.04	132.28%
68) CI70 Chrysene-d12	13.95	240	247922	40.00	ng	-0.03	187.36%
78) CI75 Perylene-d12	15.17	264	208525	40.00	ng	-0.04	192.05%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.12	112	314881	170.41	ng	-0.06	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	113.61%#	
5) CS45 Phenol-d5	5.41	99	416131	175.34	ng	-0.06	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	116.89%#	
6) CS70 2-chlorophenol-d4	5.56	132	355919	192.34	ng	-0.06	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	128.23%#	
12) CS75 1,2-dichlorobenzene-d	6.05	152	213450	177.11	ng	-0.06	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	177.11%#	
21) CS20 Nitrobenzene-d5	6.60	82	358588	183.54	ng	-0.05	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	183.54%#	
39) CS25 2-Fluorobiphenyl	8.90	172	771737	176.26	ng	-0.04	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	176.26%#	
59) CS55 2,4,6-Tribromophenol	10.71	330	102427	169.57	ng	-0.04	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	113.05%	
71) CS30 Terphenyl-d14	13.02	244	1056602	147.07	ng	-0.03	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	147.07%#	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.34	74	215233	167.55	ng	90
4) C325 bis(2-Chloroethyl)eth	5.54	93	336440	175.82	ng	88
7) C315 Phenol	5.44	94	490248	178.73	ng	88
8) C330 2-Chlorophenol	5.59	128	371852	192.91	ng	84
9) C320 aniline	5.44	93	551869	203.88	ng	# 40
10) C335 1,3-Dichlorobenzene	5.78	146	382830	181.68	ng	97
11) C340 1,4-Dichlorobenzene	5.88	146	392271	178.74	ng	98
13) C350 1,2-Dichlorobenzene	6.07	146	385544	182.71	ng	98
14) C345 Benzyl alcohol	6.07	108	249473	179.15	ng	# 85
15) C360 bis(2-chloroisopropyl	6.24	45	487995	176.51	ng	86
16) C355 2-Methylphenol	6.22	108	327414	194.91	ng	98
17) C375 Hexachloroethane	6.50	117	155222	174.15	ng	89
18) C370 N-Nitroso-di-n-propyl	6.42	70	252333	194.18	ng	91
19) C365 4-Methylphenol	6.43	108	353336	178.10	ng	94
22) C410 Nitrobenzene	6.62	77	376194	185.74	ng	90
23) C415 Isophorone	6.94	82	669918	185.51	ng	95
24) C430 benzoic acid	7.41	122	527652	841.05	ng	94
25) C420 2-Nitrophenol	7.03	139	189866	171.56	ng	88
26) C425 2,4-Dimethylphenol	7.12	107	372254	193.63	ng	91
27) C435 bis(2-Chloroethoxy)me	7.24	93	401843	181.52	ng	98
28) C440 2,4-Dichlorophenol	7.35	162	308369	193.32	ng	94

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24958.D
 Acq On : 10 Jul 2008 15:41
 Sample : SSTD160
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:17 2008

Vial: 7
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.44	180	318425	176.36	ng		99
30) C450 Naphthalene	7.54	128	1078159	176.79	ng		97
31) C455 4-Chloroaniline	7.63	127	446305	176.33	ng		100
32) C460 Hexachlorobutadiene	7.70	225	190158	171.65	ng		99
33) C465 4-Chloro-3-methylphen	8.27	107	299920	182.32	ng		89
34) C470 2-Methylnaphthalene	8.42	142	719414	181.48	ng		94
36) C510 Hexachlorocyclopentad	8.61	237	196670	162.26	ng		98
37) C515 2,4,6-Trichlorophenol	8.80	196	210993	170.37	ng		96
38) C520 2,4,5-Trichlorophenol	8.84	196	223563	173.21	ng		99
40) C525 2-Chloronaphthalene	9.04	162	690015	166.53	ng		94
41) C530 2-Nitroaniline	9.20	65	167131	187.39	ng	#	79
42) C540 Acenaphthylene	9.56	152	1110756	182.43	ng		98
43) C535 Dimethylphthalate	9.44	163	740794	183.77	ng		100
44) C542 2,6-Dinitrotoluene	9.52	165	174778	179.18	ng		89
45) C550 Acenaphthene	9.78	153	682257	178.71	ng		97
46) C545 3-Nitroaniline	9.73	138	199107	195.35	ng		85
47) C555 2,4-Dinitrophenol	9.87	184	85487	185.42	ng	#	74
48) C565 Dibenzofuran	10.00	168	893233	188.70	ng		81
49) C570 2,4-Dinitrotoluene	10.02	165	242945	182.35	ng	#	1
50) C560 4-Nitrophenol	9.98	109	100347	206.94	ng	#	82
51) C590 Fluorene	10.42	166	787902	194.50	ng		99
52) C585 4-Chlorophenyl-phenyl	10.44	204	368053	181.88	ng		94
53) C580 Diethylphthalate	10.33	149	746883	178.15	ng		98
54) C620 1,2 diphenylhydrazine	10.62	77	777951	184.76	ng		94
55) C595 4-Nitroaniline	10.49	138	200793	194.17	ng		88
57) C610 4,6-Dinitro-2-methylp	10.53	198	133861	183.30	ng		100
58) C615 n-Nitrosodiphenylamin	10.59	169	557996	180.66	ng		97
60) C625 4-Bromophenyl-phenyle	11.00	248	222220	172.89	ng	#	85
61) C630 Hexachlorobenzene	11.05	284	232713	164.74	ng		96
62) C635 Pentachlorophenol	11.28	266	121417	178.06	ng		99
63) C640 Phenanthrene	11.49	178	1126861	181.43	ng		99
64) C645 Anthracene	11.55	178	1186608	190.66	ng		99
65) C647 carbazole	11.73	167	1117611	191.93	ng		97
66) C650 Di-n-butylphthalate	12.09	149	1353942	171.74	ng		99
67) C655 Fluoranthene	12.67	202	1305082	200.71	ng		93
69) C715 Pyrene	12.88	202	1343789	138.64	ng		99
70) C710 benzidine	12.81	184	703860	253.92	ng		100
72) C720 Butylbenzylphthalate	13.46	149	651938	132.70	ng		90
73) C725 3,3'-Dichlorobenzidin	13.92	252	498870	198.65	ng		97
74) C730 Benzo[a]anthracene	13.95	228	1364716	182.19	ng		98
75) C735 Chrysene	13.98	228	1255396	161.32	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.94	149	984518	124.26	ng		97
77) C760 Di-n-octylphthalate	14.46	149	1540880	126.60	ng		100
79) C765 Benzo[b]fluoranthene	14.84	252	1419502	199.44	ng		98
80) C770 Benzo[k]fluoranthene	14.84	252	1419502	197.80	ng		98
81) C775 Benzo[a]pyrene	15.13	252	1212677	199.02	ng		99
82) C780 Indeno[1,2,3-cd]pyren	16.24	276	1707522	286.77	ng		91
83) C785 Dibenz[a,h]anthracene	16.24	278	1470075	250.86	ng		99
84) C790 Benzo[g,h,i]perylene	16.54	276	1398534	241.86	ng		99

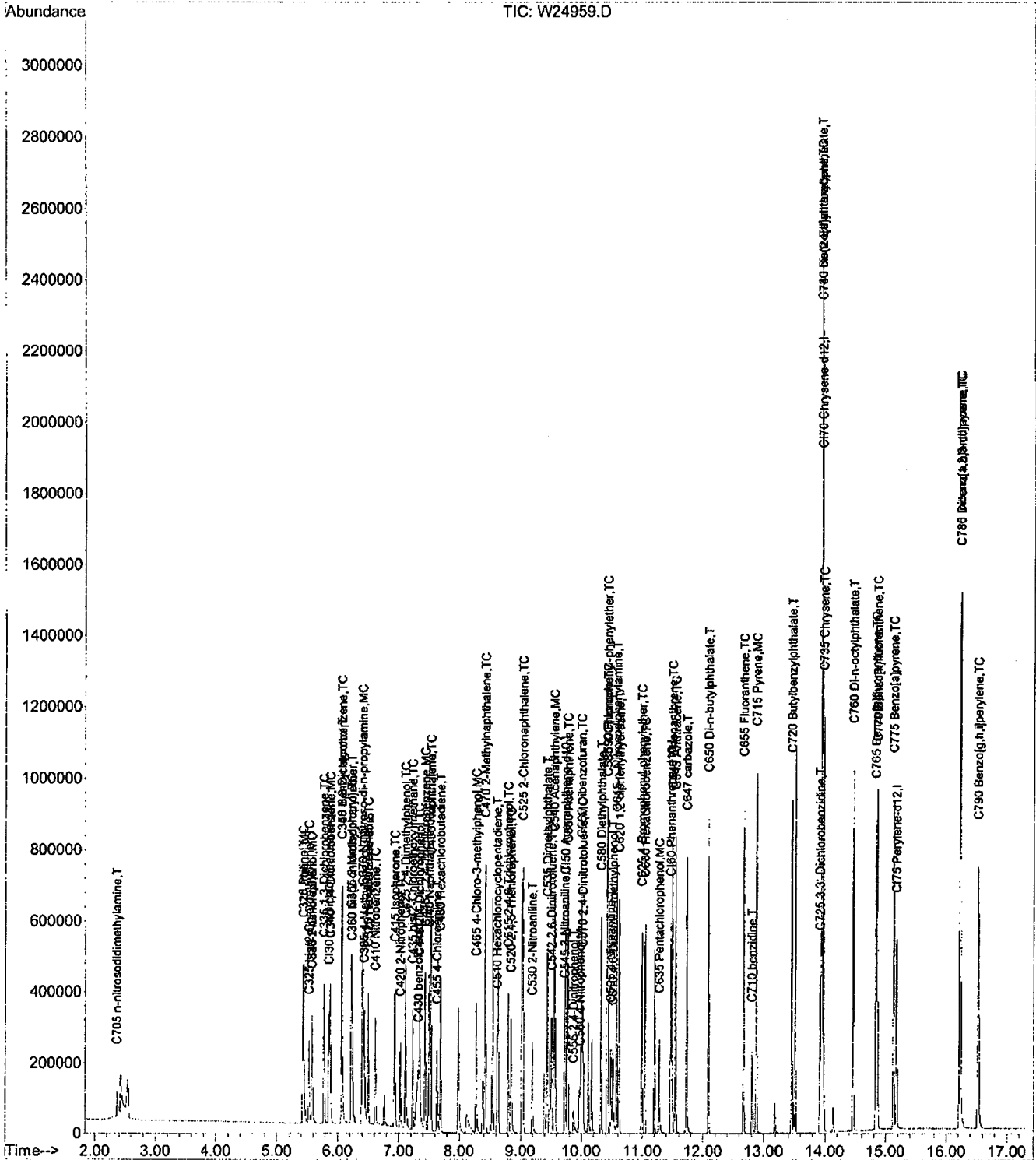
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24959.D
Acq On : 10 Jul 2008 16:04
Sample : CHECK050
Misc : 8270 (6-3-08)
MS Integration Params: rteint.p

Vial: 8
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 11 07:35:19 2008 Results File: A8I-516(7-11).RES
Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Jul 09 14:20:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24959.D
 Acq On : 10 Jul 2008 16:04
 Sample : CHECK050
 Misc : 8270 (6-3-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:19 2008

Vial: 8
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dev(Max)
						Rcv(Ar)	
1) CI30 1,4-Dichlorobenzene-d	5.86	152	54524	40.00	ng	-0.05	113.81%
20) CI40 Naphthalene-d8	7.50	136	210055	40.00	ng	-0.05	107.64%
35) CI50 Acenaphthene-d10	9.74	164	124842	40.00	ng	-0.04	118.19%
56) CI60 Phenanthrene-d10	11.47	188	187639	40.00	ng	-0.04	115.35%
68) CI70 Chrysene-d12	13.95	240	231483	40.00	ng	-0.03	174.94%
78) CI75 Perylene-d12	15.17	264	204381	40.00	ng	-0.04	188.24%

System Monitoring Compounds

3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng		
Spiked Amount	150.000	Range	21 - 110	Recovery	=	0.00%#	
5) CS45 Phenol-d5	5.58	99	5405	7.34	ng	0.11	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	4.89%#	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.50	82	12714	6.84	ng	-0.15	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	6.84%#	
39) CS25 2-Fluorobiphenyl	0.00	172	0	0.00	ng		
Spiked Amount	100.000	Range	43 - 116	Recovery	=	0.00%#	
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
Spiked Amount	150.000	Range	10 - 123	Recovery	=	0.00%#	
71) CS30 Terphenyl-d14	0.00	244	0	0.00	ng		
Spiked Amount	100.000	Range	33 - 141	Recovery	=	0.00%#	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.36	74	53027	43.71	ng	93
4) C325 bis(2-Chloroethyl)eth	5.53	93	92265	43.97	ng	90
7) C315 Phenol	5.43	94	128241	47.61	ng	98
8) C330 2-Chlorophenol	5.58	128	99939	47.28	ng	88
9) C320 aniline	5.44	93	121686	40.99	ng	# 34
10) C335 1,3-Dichlorobenzene	5.78	146	111785	48.38	ng	97
11) C340 1,4-Dichlorobenzene	5.88	146	113434	47.13	ng	96
13) C350 1,2-Dichlorobenzene	6.07	146	108247	46.78	ng	97
14) C345 Benzyl alcohol	6.07	108	64721	48.18	ng	88
15) C360 bis(2-chloroisopropyl	6.24	45	134165	44.25	ng	69
16) C355 2-Methylphenol	6.22	108	93315	50.66	ng	95
17) C375 Hexachloroethane	6.50	117	46893	47.98	ng	91
18) C370 N-Nitroso-di-n-propyl	6.41	70	70598	49.54	ng	92
19) C365 4-Methylphenol	6.43	108	96397	49.28	ng	95
22) C410 Nitrobenzene	6.62	77	105409	54.67	ng	90
23) C415 Isophorone	6.94	82	181969	52.94	ng	92
24) C430 benzoic acid	7.33	122	104564	175.09	ng	96
25) C420 2-Nitrophenol	7.03	139	52652	53.61	ng	91
26) C425 2,4-Dimethylphenol	7.11	107	98694	53.93	ng	90
27) C435 bis(2-Chloroethoxy)me	7.23	93	111184	52.76	ng	99
28) C440 2,4-Dichlorophenol	7.35	162	85096	56.04	ng	94

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071008\W24959.D
 Acq On : 10 Jul 2008 16:04
 Sample : CHECK050
 Misc : 8270 (6-3-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 07:35:19 2008

Vial: 8
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 14:20:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24923.D (9 Jul 2008 12:15)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dev(Max)
						Rcv(Ar)	
29) C445 1,2,4-Trichlorobenzen	7.44	180	87529	50.93	ng		99
30) C450 Naphthalene	7.53	128	311668	53.69	ng		97
31) C455 4-Chloroaniline	7.63	127	91173	42.74	ng		99
32) C460 Hexachlorobutadiene	7.70	225	51886	49.20	ng		95
33) C465 4-Chloro-3-methylphen	8.28	107	83849	57.33	ng		88
34) C470 2-Methylnaphthalene	8.42	142	234583	62.17	ng		93
36) C510 Hexachlorocyclopentad	8.61	237	42906	44.32	ng		97
37) C515 2,4,6-Trichlorophenol	8.80	196	58768	52.09	ng		100
38) C520 2,4,5-Trichlorophenol	8.84	196	62476	52.18	ng		97
40) C525 2-Chloronaphthalene	9.04	162	213581	54.54	ng		96
41) C530 2-Nitroaniline	9.19	65	51493	62.89	ng		85
42) C540 Acenaphthylene	9.55	152	335461	55.50	ng		98
43) C535 Dimethylphthalate	9.44	163	213054	53.24	ng		99
44) C542 2,6-Dinitrotoluene	9.51	165	48735	54.90	ng		89
45) C550 Acenaphthene	9.78	153	188078	49.63	ng		97
46) C545 3-Nitroaniline	9.72	138	44513	50.77	ng		84
47) C555 2,4-Dinitrophenol	9.87	184	19573	78.47	ng	#	78
48) C565 Dibenzofuran	10.00	168	280009	59.59	ng		84
49) C570 2,4-Dinitrotoluene	10.02	165	75390	60.79	ng	#	1
50) C560 4-Nitrophenol	9.98	109	26320	67.55	ng	#	83
51) C590 Fluorene	10.42	166	237604	59.09	ng		99
52) C585 4-Chlorophenyl-phenyl	10.43	204	110841	55.18	ng		97
53) C580 Diethylphthalate	10.32	149	218120	52.41	ng		97
54) C620 1,2 diphenylhydrazine	10.62	77	236661	56.62	ng		95
55) C595 4-Nitroaniline	10.48	138	54066	78.20	ng		86
57) C610 4,6-Dinitro-2-methylp	10.52	198	38513	68.72	ng		100
58) C615 n-Nitrosodiphenylamin	10.58	169	202216	75.08	ng		97
60) C625 4-Bromophenyl-phenyle	10.99	248	63435	56.59	ng		90
61) C630 Hexachlorobenzene	11.04	284	70206	56.99	ng		99
62) C635 Pentachlorophenol	11.27	266	37393	72.38	ng		98
63) C640 Phenanthrene	11.49	178	331194	61.15	ng		99
64) C645 Anthracene	11.55	178	331423	61.06	ng		97
65) C647 carbazole	11.73	167	323488	67.43	ng		97
66) C650 Di-n-butylphthalate	12.09	149	368919	53.66	ng		99
67) C655 Fluoranthene	12.67	202	361224	63.70	ng		97
69) C715 Pyrene	12.88	202	376599	41.61	ng		99
70) C710 benzidine	12.81	184	109044	52.08	ng		99
72) C720 Butylbenzylphthalate	13.45	149	173319	37.78	ng		97
73) C725 3,3'-Dichlorobenzidin	13.92	252	96241	46.44	ng		97
74) C730 Benzo[a]anthracene	13.94	228	396171	56.65	ng		98
75) C735 Chrysene	13.97	228	375061	51.62	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.94	149	263792	35.66	ng		97
77) C760 Di-n-octylphthalate	14.46	149	394839	34.74	ng		99
79) C765 Benzo[b]fluoranthene	14.83	252	375178	53.78	ng		98
80) C770 Benzo[k]fluoranthene	14.86	252	343672	50.23	ng		99
81) C775 Benzo[a]pyrene	15.13	252	395784	68.23	ng		97
82) C780 Indeno[1,2,3-cd]pyren	16.23	276	473181	84.73	ng		100
83) C785 Dibenz[a,h]anthracene	16.23	278	419577	109.40	ng		99
84) C790 Benzo[g,h,i]perylene	16.53	276	430340	77.22	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000363-1

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Intrument ID: HP5973X Calibration Dates(s): 05/22/2008 05/22/2008

Calibration Times: 17:19 19:13

Lab File ID: RRF5 = X23956.RR RRF20 = X23957.RR RRF50 = X23958.RR
 RRF80 = X23959.RR RRF120 = X23960.RR RRF160 = X23961.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Caprolactam	0.090	0.120	0.130	0.130	0.134	0.138	0.1240	14.300
Atrazine	0.197	0.204	0.211	0.207	0.199	0.207	0.2040	2.600
Acetophenone	1.828	1.871	1.829	1.865	1.836	1.867	1.8490	1.100
Biphenyl	1.471	1.495	1.462	1.422	1.297	1.293	1.4070	6.400
Benzaldehyde	1.148	1.201	1.204	1.187	1.174	1.201	1.1860	1.800

Comments:

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\TCLADDS\
 Method File : A8I0363.M
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:02:50 2008
 Response Via : Initial Calibration

*T 1435
I-0263*

Calibration Files

5 =X23956.D 20 =X23957.D 50 =X23958.D
 80 =X23959.D 120 =X23960.D 160 =X23961.D

Compound	5	20	50	80	120	160	Avg	%RSD
1) I CI30 1,4-Dichlorobenz	-----ISTD-----							
2) TC E600 Benzaldehyde	1.148	1.201	1.204	1.187	1.174	1.201	1.186	1.84#
3) E145 Acetophenone	1.828	1.870	1.829	1.865	1.836	1.867	1.849	1.09
4) I CI40 Naphthalene-d8	-----ISTD-----							
5) E655 Caprolactam	0.090	0.120	0.130	0.130	0.134	0.138	0.124	14.31
6) E195 1,2,4,5-Tetrac	0.319	0.328	0.315	0.312	0.294	0.292	0.310	4.63
7) I CI50 Acenaphthene-d8	-----ISTD-----							
8) C811 1,1'-Biphenyl	1.471	1.495	1.461	1.422	1.297	1.293	1.406	6.37
9) E230 2,3,4,6-Tetrac	0.162	0.200	0.231	0.233	0.231	0.246	0.217	14.36
10) I CI60 Phenanthrene-d10	-----ISTD-----							
11) E510 Atrazine	0.196	0.204	0.210	0.207	0.199	0.207	0.204	2.59
12) I CI70 Chrysene-d12	-----ISTD-----							
13) I CI75 Perylene-d12	-----ISTD-----							
Total Average %RSD							6.46	

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

A8I0363.M

Fri May 23 06:04:31 2008

Date: 08/06/2008

ICC Profile

Page: 1

Time: 15:09:10

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG

Fraction: MB

No of Points: 6

Default Min. RRF: 0.0500

QC Approver: PM

CCC Conc: 50.00

QC Date: 02/20/2008

Comments:

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2 Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2 Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4 Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8 2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1 1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7 1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6 Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1 1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7 2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1 2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP 3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4 Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8 Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0 2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0 Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2 Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9 Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644 3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1 a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5 Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0 p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1 9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1 1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0 (z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7 N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1 1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1 Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3 Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1 Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5 2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9 2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0 Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1 Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2 2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1 1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3 Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8 4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3 Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7 4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6 2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4 Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2 2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4 2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7 2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4 2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008

ICC Profile

Page: 2

Time: 15:09:10

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
310	131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylphthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892 60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893 99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894 56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895 608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896 82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897 62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898 122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899 101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900 298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901 85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902 23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903 110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904 108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905 94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906 03689-24-5	Sulfotep	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907 CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908 297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909 1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910 78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911 115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912 98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913 94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914 2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915 611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916 102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917 620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918 104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919 98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920 106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921 371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922 100-22-1	p-Phenylenediamine, tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923 106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924 126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925 74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926 2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927 140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928 52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929 109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930 C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931 127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932 100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933 1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934 126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940 112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990 95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991 86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993 933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994 109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995 545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996 50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997 DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008
Time: 15:09:10

ICC Profile

Page: 6
Rept: AN0287R

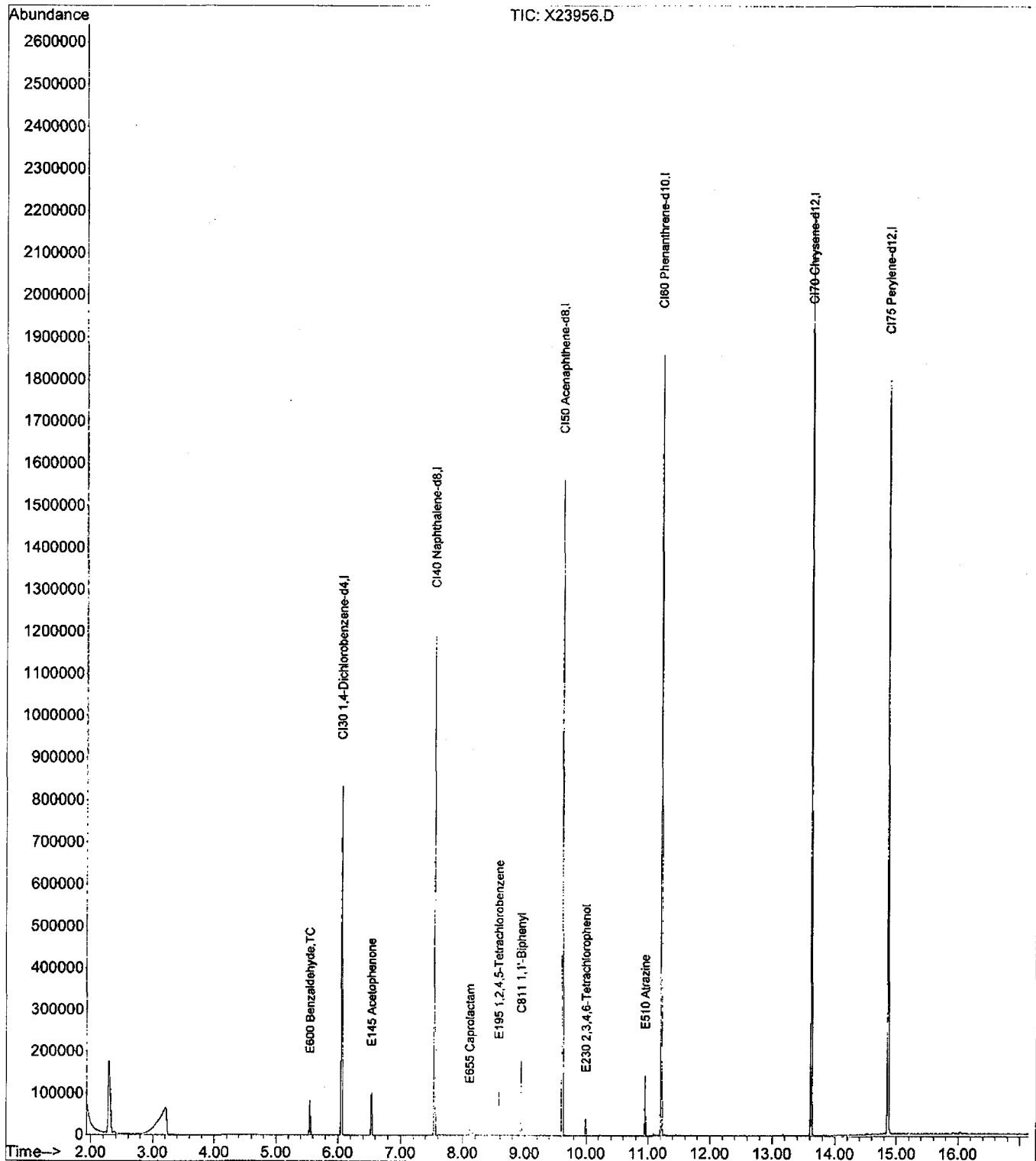
ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seg	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7 Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Data File : D:\DATA\052208\X23956.D
Acq On : 22 May 2008 17:19
Sample : SST005
Misc : TCLADDS (12/21/07)
MS Integration Params: rteint.p

Vial: 9
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: May 23 05:59:10 2008 Results File: TCLADDS-2007.RES
Quant Method : C:\MSDCHEM\1...\TCLADDS-2007.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Sat May 03 11:00:00 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\052208\X23956.D
 Acq On : 22 May 2008 17:19
 Sample : SSTD005
 Misc : TCLADDS (12/21/07)
 MS Integration Params: rteint.p
 Quant Time: May 23 05:59:10 2008

Vial: 9
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: TCLADDS-2007.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-2007.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Sat May 03 11:00:00 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\040408\X22912.D (4 Apr 2008 14:26)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.06	152	148379	40.00	ng	0.19 84.72%
4) CI40 Naphthalene-d8	7.55	136	590982	40.00	ng	0.14 88.62%
7) CI50 Acenaphthene-d8	9.61	164	355858	40.00	ng	0.13 92.26%
10) CI60 Phenanthrene-d10	11.21	188	642731	40.00	ng	0.11 93.02%
12) CI70 Chrysene-d12	13.62	240	666596	40.00	ng	0.11 94.08%
13) CI75 Perylene-d12	14.86	264	654892	40.00	ng	0.14 89.75%
Target Compounds						
2) E600 Benzaldehyde	5.55	77	21287	3.96	ng	Qvalue 89
3) E145 Acetophenone	6.54	105	33907	4.57	ng	92
5) E655 Caprolactam	8.11	113	6617m	7.98	ng	88
6) E195 1,2,4,5-Tetrachlorobe	8.58	216	23585	5.94	ng	100
8) C811 1,1'-Biphenyl	8.94	154	65429	5.33	ng	96
9) E230 2,3,4,6-Tetrachloroph	9.99	232	7190	3.18	ng	# 100
11) E510 Atrazine	10.95	200	15785	5.53	ng	94

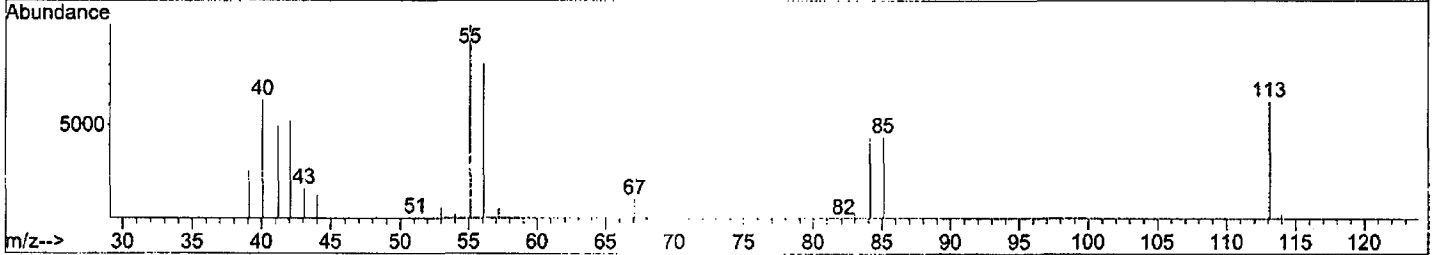
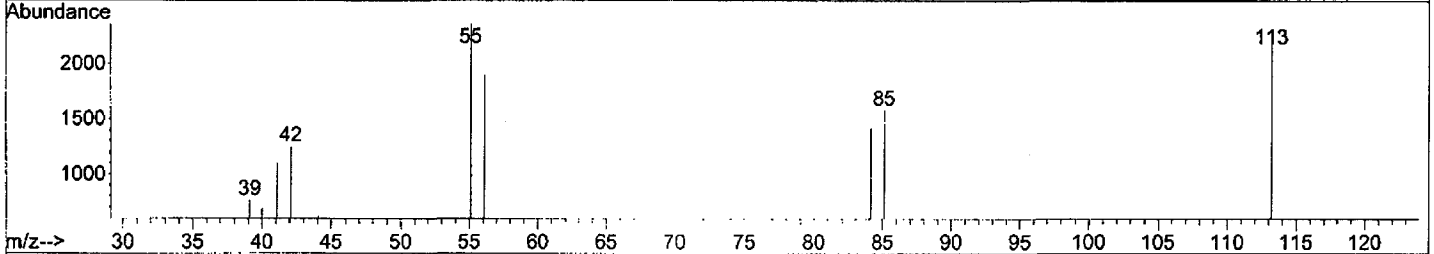
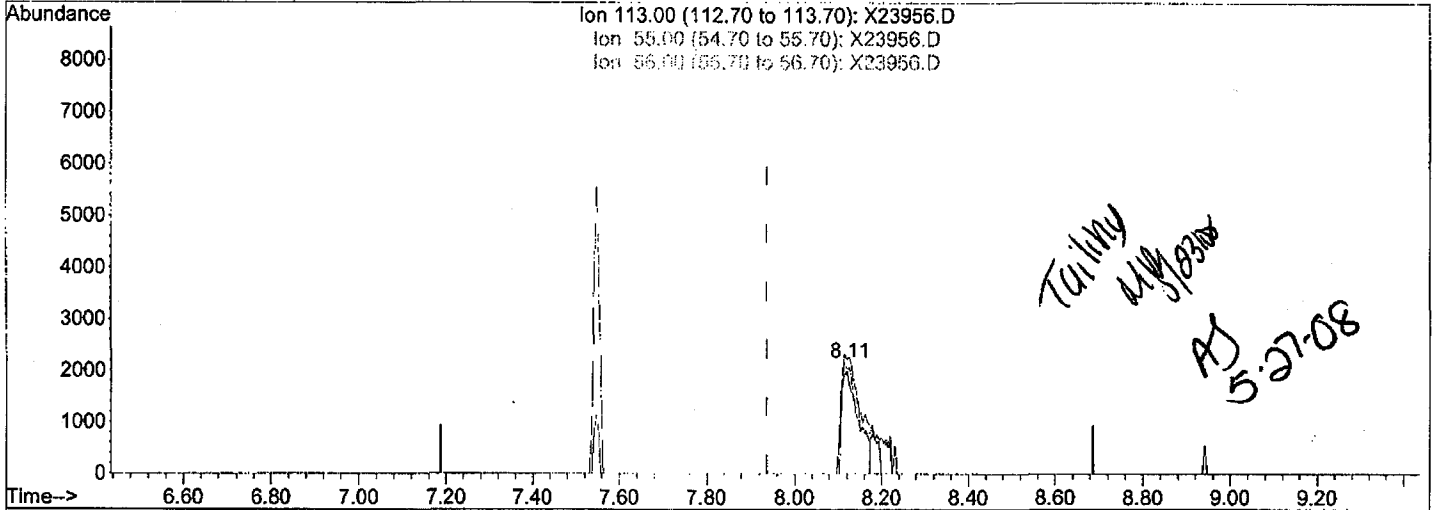
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\052208\X23956.D
Acq On : 22 May 2008 17:19
Sample : SSTD005
Misc : TCLADDS (12/21/07)
MS Integration Params: rteint.p
Quant Time: May 23 05:58:56 2008

Vial: 9
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TCLADDS-2007.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Sat May 03 11:00:00 2008
Response via : Multiple Level Calibration



TIC: X23956.D

(5) E655 Caprolactam

8.11min (+0.176) 7.55ng

response 5744

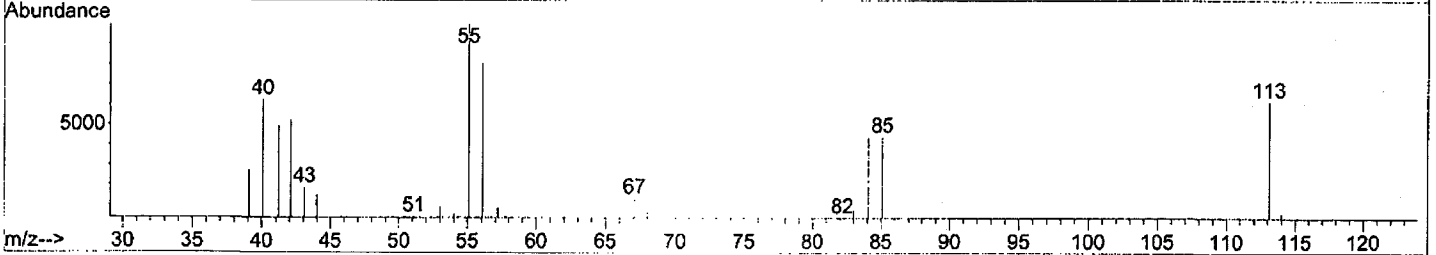
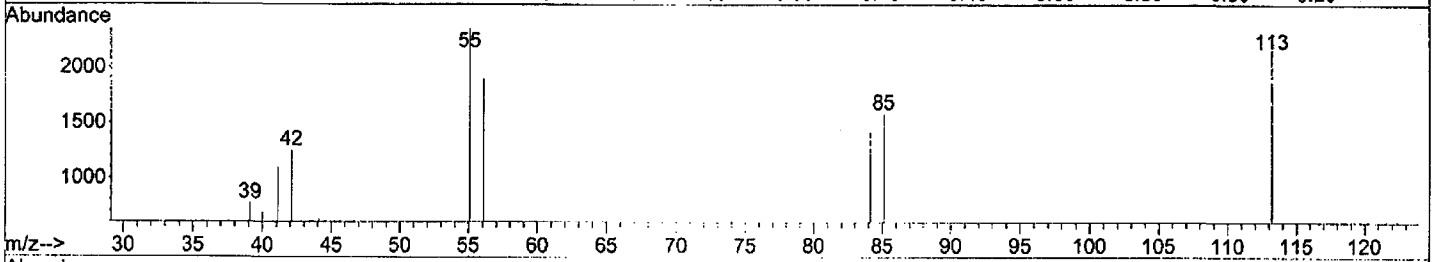
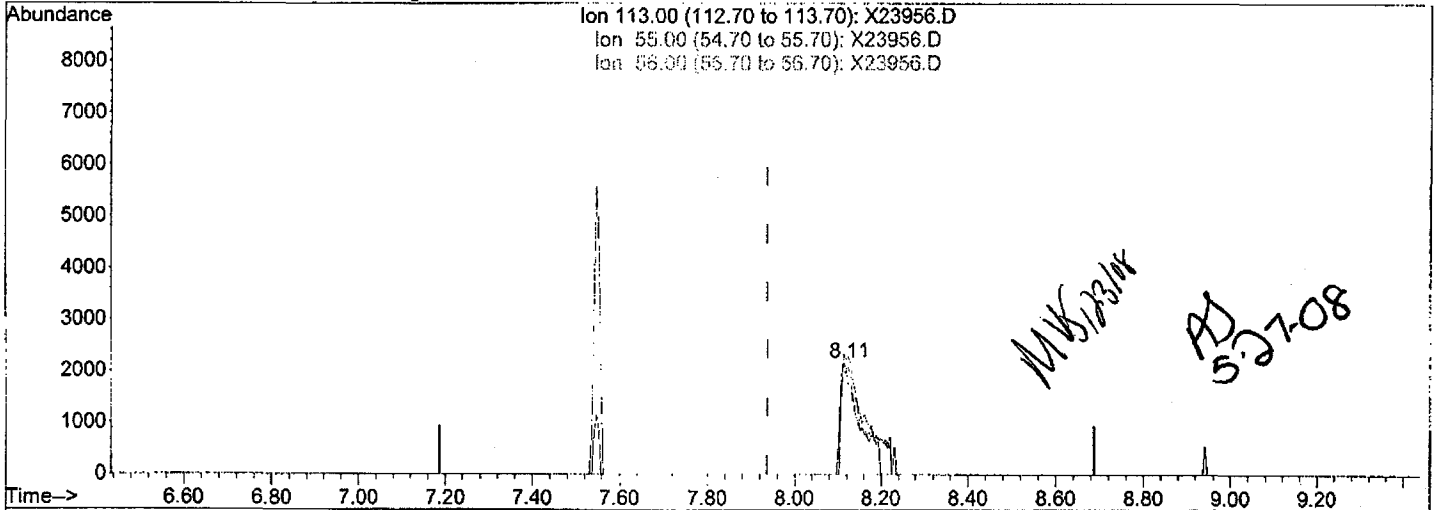
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	108.15
56.00	94.00	87.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\052208\X23956.D
Acq On : 22 May 2008 17:19
Sample : SST005
Misc : TCLADDS (12/21/07)
MS Integration Params: rteint.p
Quant Time: May 23 05:58:56 2008

Vial: 9
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TCLADDS-2007.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Sat May 03 11:00:00 2008
Response via : Multiple Level Calibration



TIC: X23956.D

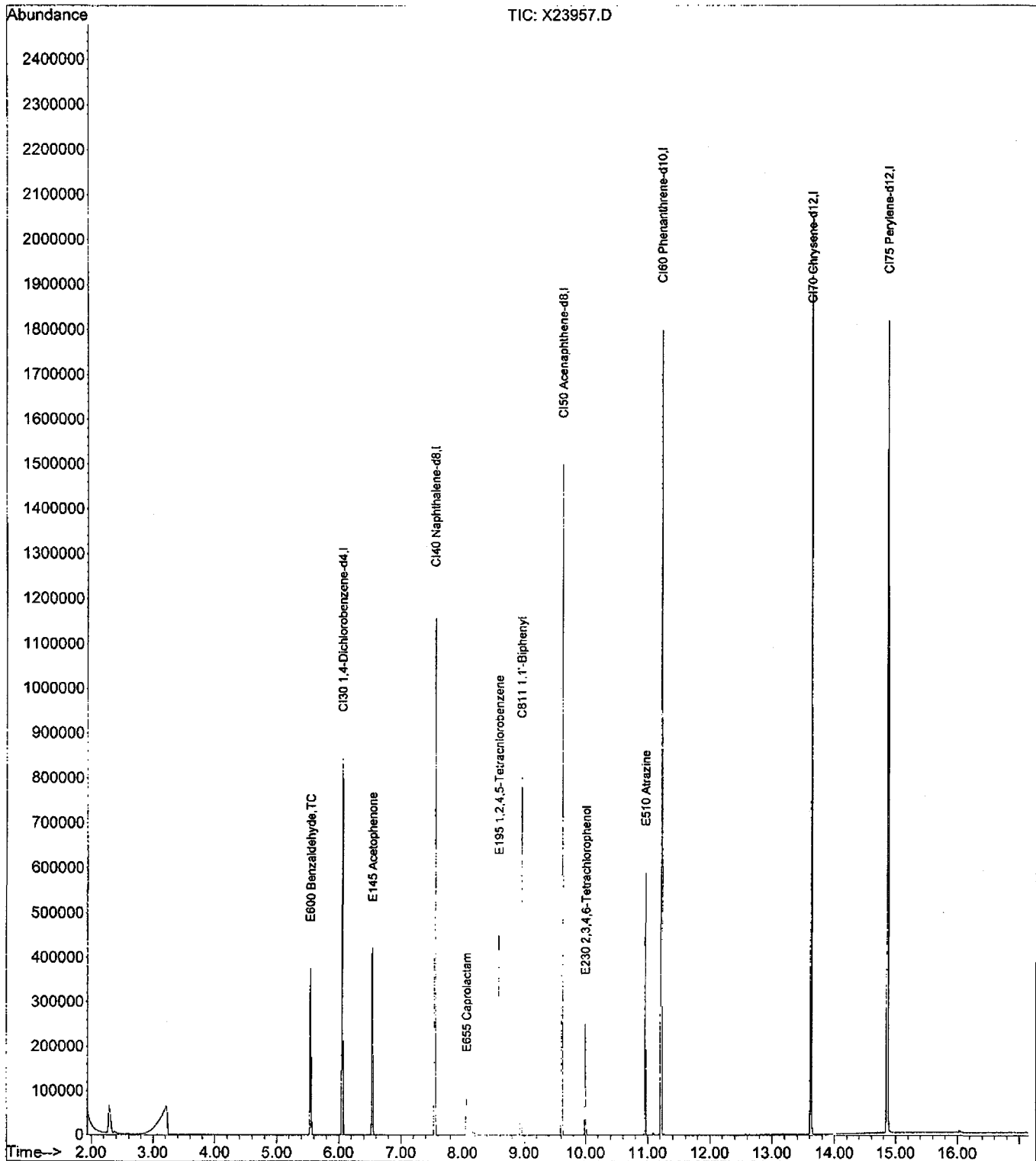
(5) E655 Caprolactam
8.11min (+0.176) 7.98ng m
response 6617

Ion	Exp%	Act%
113.00	100	100
55.00	90.90	108.15
56.00	94.00	87.44
0.00	0.00	0.00

Data File : D:\DATA\052208\X23957.D
Acq On : 22 May 2008 17:42
Sample : SSTD020
Misc : TCLADDS (12/21/07)
MS Integration Params: rteint.p

Vial: 10
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: May 23 06:01:30 2008 Results File: A8I0363.RES
Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 05:59:40 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\052208\X23957.D
 Acq On : 22 May 2008 17:42
 Sample : SSTD020
 Misc : TCLADDS (12/21/07)
 MS Integration Params: rteint.p
 Quant Time: May 23 06:01:30 2008

Vial: 10
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0363.RES

Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 05:59:40 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\040408\X22912.D (4 Apr 2008 14:26)

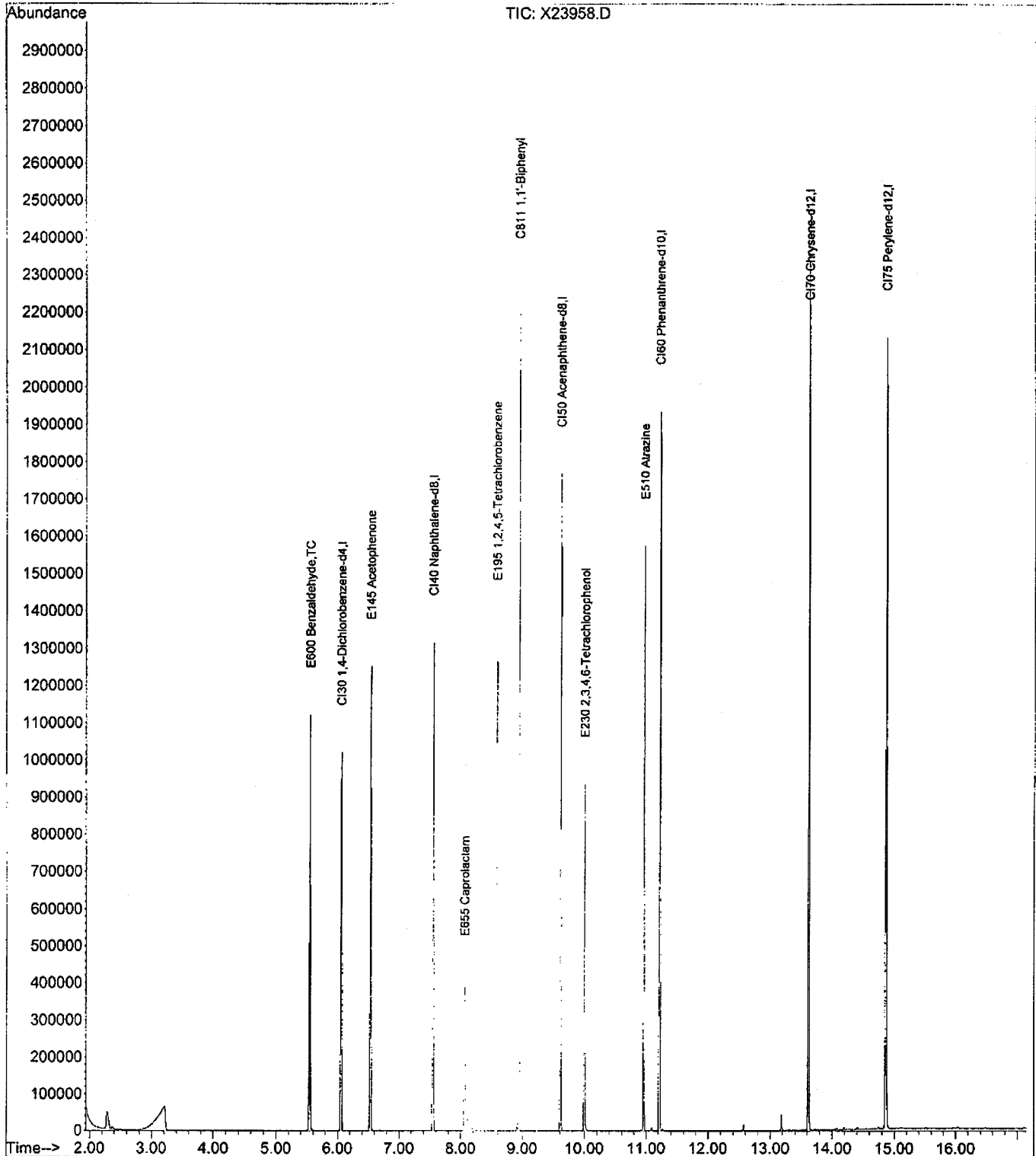
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.06	152	150113	40.00	ng	0.00 85.71%
4) CI40 Naphthalene-d8	7.55	136	598036	40.00	ng	0.00 89.68%
7) CI50 Acenaphthene-d8	9.61	164	360523	40.00	ng	0.00 93.47%
10) CI60 Phenanthrene-d10	11.21	188	639189	40.00	ng	0.00 92.51%
12) CI70 Chrysene-d12	13.62	240	658715	40.00	ng	0.00 92.97%
13) CI75 Perylene-d12	14.86	264	673961	40.00	ng	0.00 92.36%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.55	77	90174	16.90	ng	90
3) E145 Acetophenone	6.54	105	140392	18.60	ng	91
5) E655 Caprolactam	8.07	113	35771	21.48	ng	87
6) E195 1,2,4,5-Tetrachlorobe	8.58	216	98213	24.11	ng	99
8) C811 1,1'-Biphenyl	8.94	154	269518	22.01	ng	95
9) E230 2,3,4,6-Tetrachloroph	9.99	232	36016	16.05	ng	# 100
11) E510 Atrazine	10.96	200	65233	21.99	ng	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\052208\X23958.D
Acq On : 22 May 2008 18:05
Sample : SST050
Misc : TCLADDS (12/21/07)
MS Integration Params: rteint.p

Vial: 11
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: May 23 06:01:52 2008 Results File: A8I0363.RES
Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:01:45 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\052208\X23958.D
 Acq On : 22 May 2008 18:05
 Sample : SSTD050
 Misc : TCLADDS (12/21/07)
 MS Integration Params: rteint.p
 Quant Time: May 23 06:01:52 2008

Vial: 11
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0363.RES

Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:01:45 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\040408\X22912.D (4 Apr 2008 14:26)

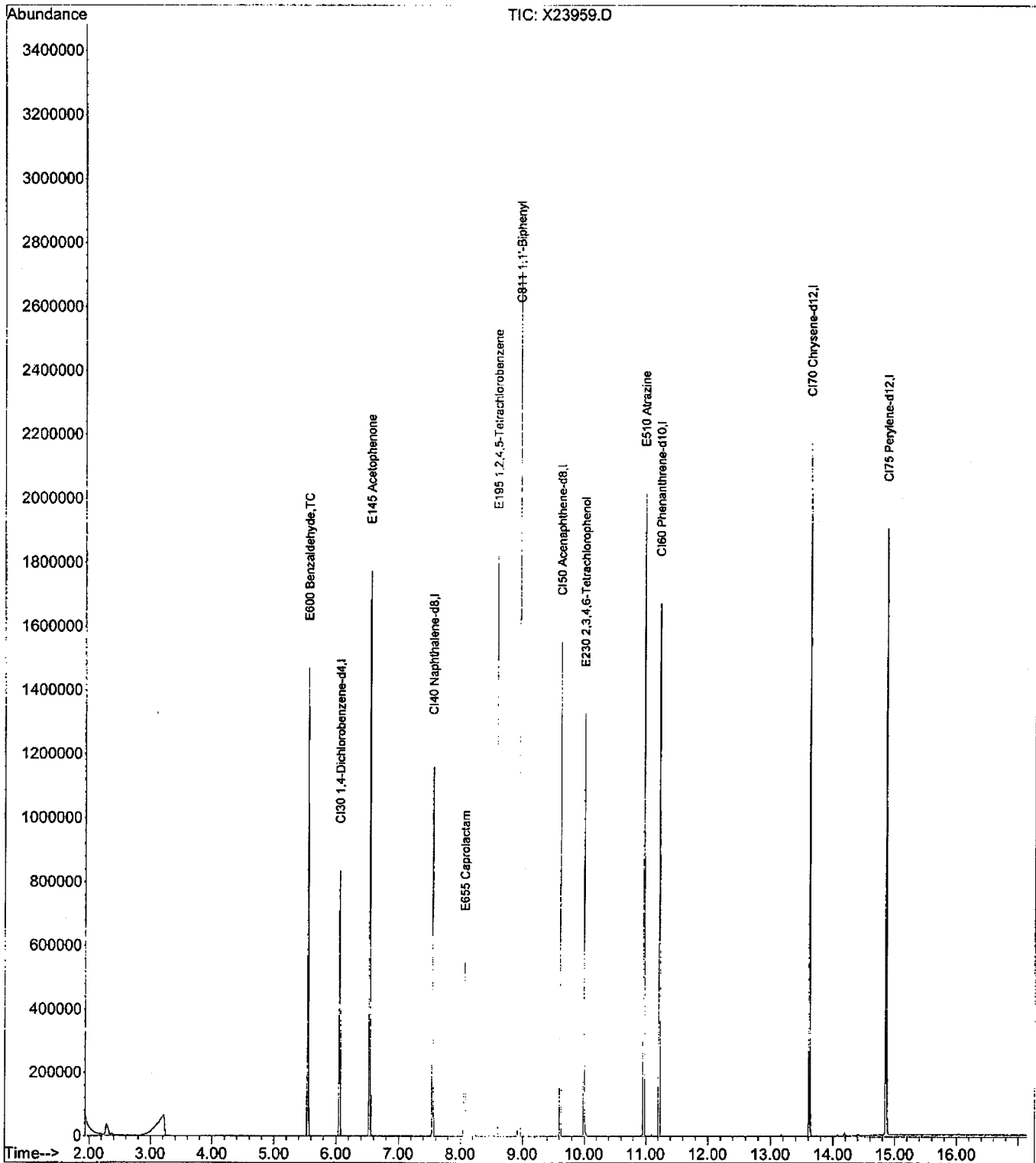
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.06	152	177198	40.00	ng	0.00 101.18%
4) CI40 Naphthalene-d8	7.55	136	683206	40.00	ng	0.00 102.45%
7) CI50 Acenaphthene-d8	9.61	164	407095	40.00	ng	0.00 105.55%
10) CI60 Phenanthrene-d10	11.22	188	737784	40.00	ng	0.00 106.78%
12) CI70 Chrysene-d12	13.62	240	763901	40.00	ng	0.00 107.82%
13) CI75 Perylene-d12	14.86	264	773791	40.00	ng	0.00 106.04%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.55	77	266686	43.72	ng	90
3) E145 Acetophenone	6.54	105	405217	46.36	ng	90
5) E655 Caprolactam	8.07	113	111237	50.74	ng	88
6) E195 1,2,4,5-Tetrachlorobe	8.58	216	268804	56.95	ng	98
8) C811 1,1'-Biphenyl	8.94	154	743709	54.31	ng	96
9) E230 2,3,4,6-Tetrachloroph	9.99	232	117709	48.98	ng	# 100
11) E510 Atrazine	10.96	200	194092	55.95	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\052208\X23959.D
Acq On : 22 May 2008 18:28
Sample : SSTD080
Misc : TCLADDS (12/21/07)
MS Integration Params: rteint.p

Vial: 12
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: May 23 06:02:19 2008 Results File: A8I0363.RES
Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:02:11 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\052208\X23959.D
 Acq On : 22 May 2008 18:28
 Sample : SSTD080
 Misc : TCLADDS (12/21/07)
 MS Integration Params: rteint.p
 Quant Time: May 23 06:02:19 2008

Vial: 12
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0363.RES

Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:02:11 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

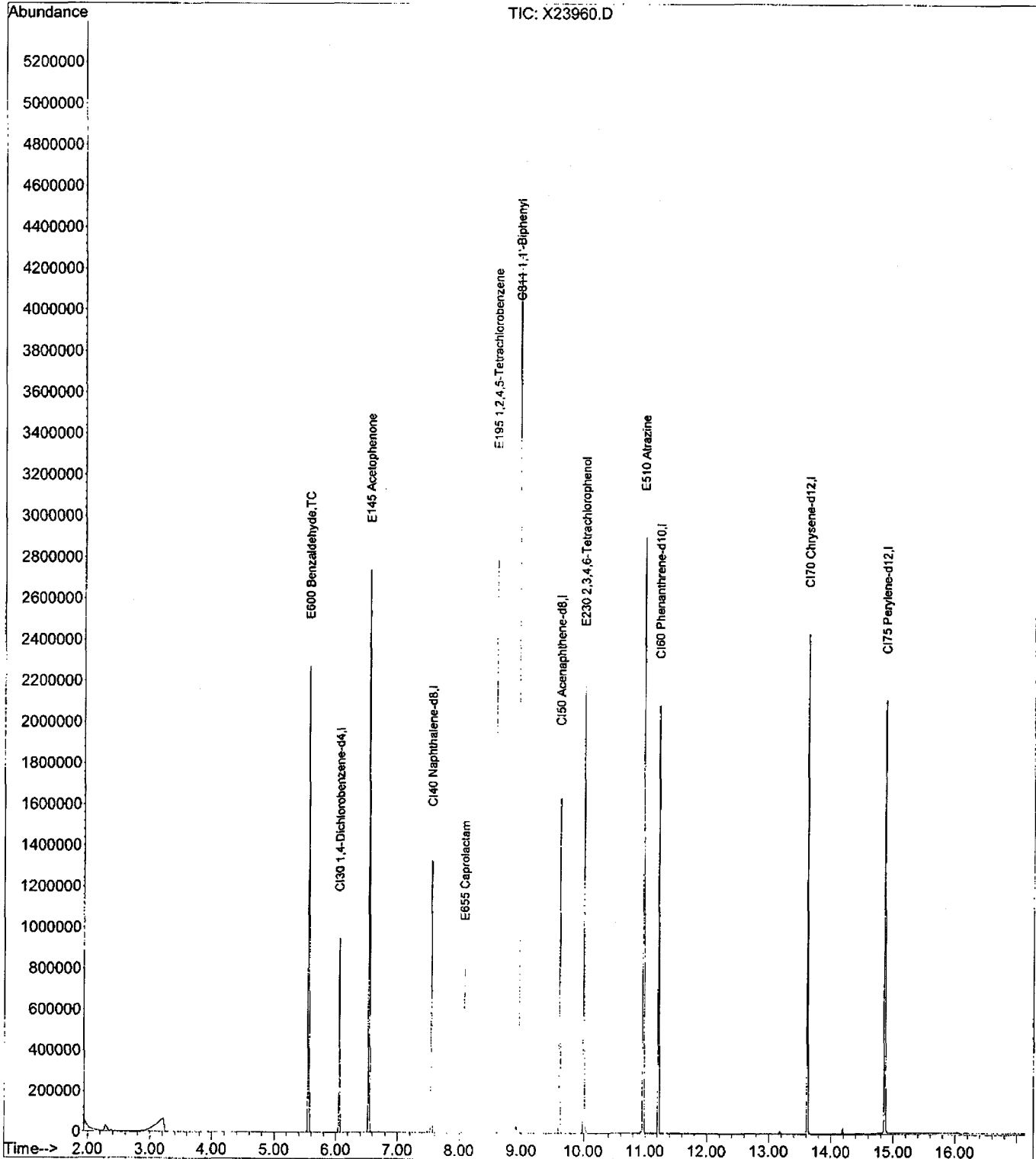
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.06	152	149999	40.00	ng	0.00 84.65%
4) CI40 Naphthalene-d8	7.55	136	596514	40.00	ng	0.00 87.31%
7) CI50 Acenaphthene-d8	9.61	164	357324	40.00	ng	0.00 87.77%
10) CI60 Phenanthrene-d10	11.21	188	642523	40.00	ng	0.00 87.09%
12) CI70 Chrysene-d12	13.62	240	658144	40.00	ng	0.00 86.16%
13) CI75 Perylene-d12	14.86	264	663459	40.00	ng	0.00 85.74%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.55	77	356097	71.87	ng	91
3) E145 Acetophenone	6.54	105	559616	77.65	ng	91
5) E655 Caprolactam	8.07	113	155110	78.85	ng	# 86
6) E195 1,2,4,5-Tetrachlorobe	8.58	216	372037	88.68	ng	99
8) C811 1,1'-Biphenyl	8.94	154	1015983	84.55	ng	96
9) E230 2,3,4,6-Tetrachloroph	9.99	232	166502	81.94	ng	# 100
11) E510 Atrazine	10.96	200	266154	86.55	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\052208\X23960.D
Acq On : 22 May 2008 18:51
Sample : SSTD120
Misc : TCLADDS (12/21/07)
MS Integration Params: rteint.p

Vial: 13
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: May 23 06:02:31 2008 Results File: A8I0363.RES
Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:02:24 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\052208\X23960.D
 Acq On : 22 May 2008 18:51
 Sample : SSTD120
 Misc : TCLADDS (12/21/07)
 MS Integration Params: rteint.p
 Quant Time: May 23 06:02:31 2008

Vial: 13
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0363.RES

Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:02:24 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

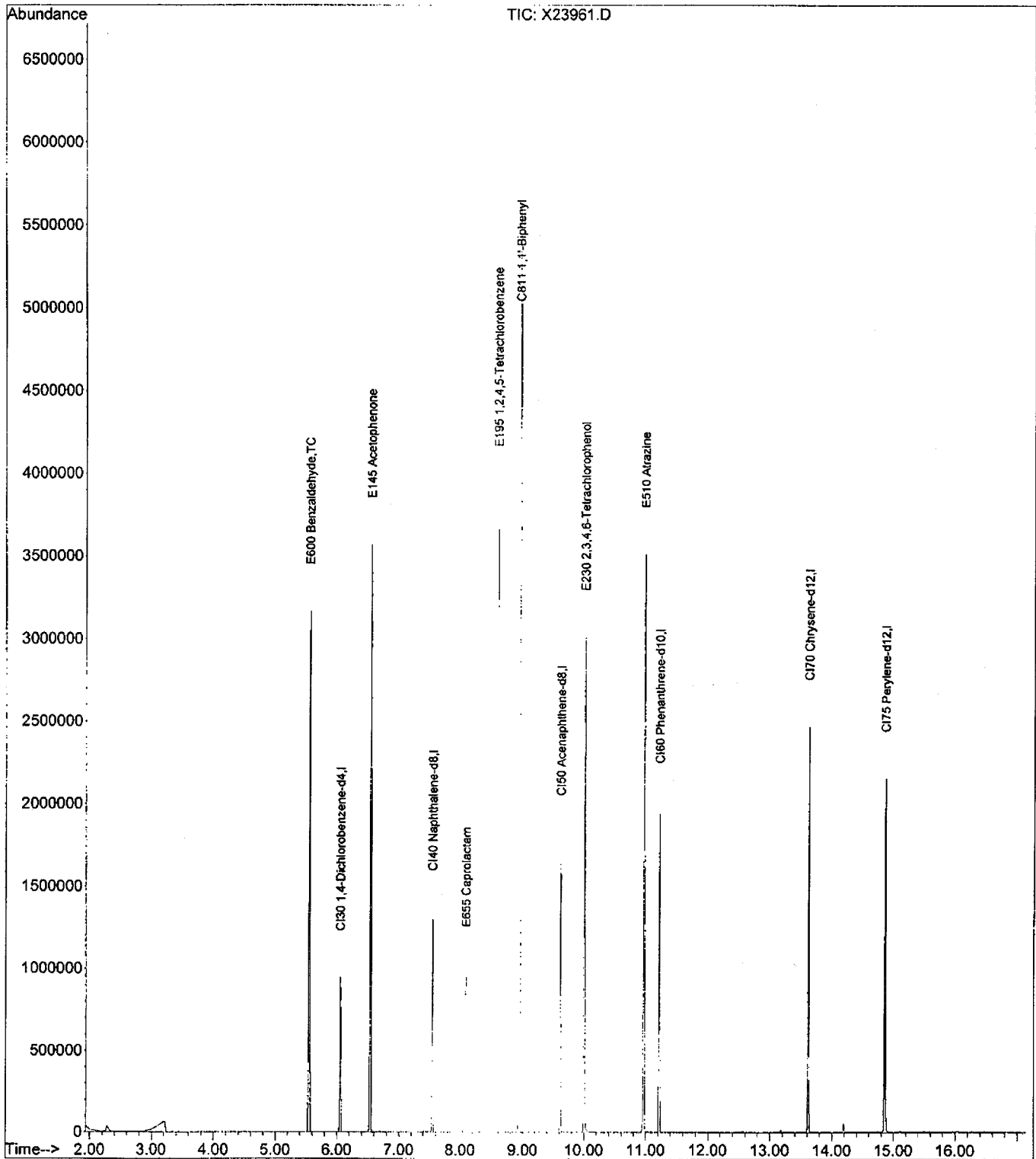
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.06	152	169607	40.00	ng	0.00 95.72%
4) CI40 Naphthalene-d8	7.55	136	682445	40.00	ng	0.00 99.89%
7) CI50 Acenaphthene-d8	9.61	164	423823	40.00	ng	0.00 104.11%
10) CI60 Phenanthrene-d10	11.21	188	761763	40.00	ng	0.00 103.25%
12) CI70 Chrysene-d12	13.62	240	758455	40.00	ng	0.00 99.29%
13) CI75 Perylene-d12	14.86	264	778017	40.00	ng	0.00 100.55%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.55	77	597509	110.90	ng	89
3) E145 Acetophenone	6.54	105	934386	116.80	ng	91
5) E655 Caprolactam	8.08	113	274412	120.35	ng	86
6) E195 1,2,4,5-Tetrachlorobe	8.58	216	602552	121.84	ng	97
8) C811 1,1'-Biphenyl	8.95	154	1648535	114.44	ng	97
9) E230 2,3,4,6-Tetrachloroph	10.00	232	294243	126.13	ng	# 100
11) E510 Atrazine	10.97	200	455481	122.36	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\052208\X23961.D
Acq On : 22 May 2008 19:13
Sample : SSTD160
Misc : TCLADDS (12/21/07)
MS Integration Params: rteint.p

Vial: 14
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: May 23 06:02:44 2008 Results File: A8I0363.RES
Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:02:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\052208\X23961.D
 Acq On : 22 May 2008 19:13
 Sample : SSTD160
 Misc : TCLADDS (12/21/07)
 MS Integration Params: rteint.p
 Quant Time: May 23 06:02:44 2008

Vial: 14
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0363.RES

Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:02:37 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.06	152	166744	40.00	ng	0.00 94.10%
4) CI40 Naphthalene-d8	7.55	136	671294	40.00	ng	0.00 98.26%
7) CI50 Acenaphthene-d8	9.61	164	410925	40.00	ng	0.00 100.94%
10) CI60 Phenanthrene-d10	11.22	188	741597	40.00	ng	0.00 100.52%
12) CI70 Chrysene-d12	13.62	240	769453	40.00	ng	0.00 100.73%
13) CI75 Perylene-d12	14.86	264	781534	40.00	ng	0.00 101.00%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.55	77	801030	156.46	ng	89
3) E145 Acetophenone	6.54	105	1245074	160.18	ng	90
5) E655 Caprolactam	8.09	113	369384	161.62	ng	# 87
6) E195 1,2,4,5-Tetrachlorobe	8.58	216	783509	156.02	ng	97
8) C811 1,1'-Biphenyl	8.95	154	2125596	150.22	ng	96
9) E230 2,3,4,6-Tetrachloroph	10.00	232	404195	181.52	ng	# 100
11) E510 Atrazine	10.97	200	614308	166.46	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica LaboratContract: _____ Lab Sample ID: A8I0000399-1Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No: 7595Instrument ID: HP5973XCalibration Dates(s): 06/03/2008 06/03/2008Calibration Times: 08:38 10:33

Lab File ID: RRF5 = <u>X24144.RR</u> RRF20 = <u>X24145.RR</u> RRF50 = <u>X24146.RR</u> RRF80 = <u>X24147.RR</u> RRF120 = <u>X24148.RR</u> RRF160 = <u>X24149.RR</u>								
COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	* 2.068	2.185	2.210	2.233	2.077	2.201	2.1620	3.300*
Bis(2-chloroethyl) ether	1.480	1.472	1.465	1.468	1.403	1.538	1.4710	2.900
2-Chlorophenol	1.522	1.609	1.614	1.639	1.557	1.690	1.6050	3.700
2-Methylphenol	1.356	1.427	1.437	1.464	1.348	1.432	1.4110	3.300
2,2'-Oxybis(1-Chloropropane	1.801	1.813	1.748	1.701	1.496	1.515	1.6790	8.400
4-Methylphenol	1.410	1.576	1.593	1.620	1.522	1.616	1.5560	5.100
N-Nitroso-Di-n-propylamine	# 1.000	1.112	1.143	1.135	1.058	1.142	1.0980	5.300#
Hexachloroethane	0.565	0.583	0.590	0.576	0.545	0.593	0.5750	3.100
Nitrobenzene	0.363	0.380	0.388	0.378	0.349	0.380	0.3730	3.900
Isophorone	0.648	0.734	0.770	0.750	0.694	0.771	0.7280	6.600
2-Nitrophenol	* 0.159	0.190	0.213	0.212	0.203	0.228	0.2010	12.000*
2,4-Dimethylphenol	0.354	0.364	0.382	0.374	0.332	0.362	0.3610	4.800
Bis(2-chloroethoxy) methane	0.411	0.417	0.426	0.415	0.383	0.418	0.4120	3.700
2,4-Dichlorophenol	* 0.315	0.318	0.327	0.324	0.295	0.319	0.3160	3.600*
Naphthalene	1.137	1.129	1.128	1.090	0.972	1.039	1.0830	6.000
4-Chloroaniline	0.479	0.486	0.487	0.471	0.433	0.479	0.4730	4.300
Hexachlorobutadiene	* 0.188	0.182	0.182	0.176	0.161	0.170	0.1760	5.600*
4-Chloro-3-methylphenol	* 0.307	0.336	0.351	0.342	0.315	0.346	0.3330	5.300*
2-Methylnaphthalene	0.765	0.768	0.777	0.739	0.655	0.702	0.7340	6.500
Hexachlorocyclopentadiene	# 0.242	0.295	0.334	0.351	0.328	0.351	0.3170	13.300#
2,4,6-Trichlorophenol	* 0.323	0.357	0.373	0.374	0.346	0.367	0.3570	5.600*
2,4,5-Trichlorophenol	0.354	0.396	0.413	0.407	0.378	0.405	0.3920	5.700
2-Chloronaphthalene	1.127	1.139	1.153	1.133	1.025	1.065	1.1070	4.600
2-Nitroaniline	0.318	0.339	0.357	0.350	0.322	0.336	0.3370	4.500
Dimethyl phthalate	1.328	1.338	1.364	1.350	1.245	1.355	1.3300	3.300
Acenaphthylene	1.786	1.850	1.881	1.840	1.632	1.718	1.7840	5.300
2,6-Dinitrotoluene	0.251	0.309	0.329	0.331	0.313	0.342	0.3120	10.400
3-Nitroaniline	0.296	0.356	0.380	0.380	0.360	0.399	0.3620	9.900
Acenaphthene	* 1.167	1.152	1.139	1.094	0.967	1.017	1.0890	7.400*
2,4-Dinitrophenol	# 0.096	0.132	0.166	0.183	0.192	0.219	0.1650	26.900#
4-Nitrophenol	# 0.126	0.148	0.159	0.157	0.142	0.153	0.1470	8.400#
Dibenzofuran	1.737	1.733	1.706	1.623	1.397	1.441	1.6060	9.400
2,4-Dinitrotoluene	0.399	0.443	0.460	0.456	0.429	0.466	0.4420	5.600
Diethyl phthalate	1.241	1.308	1.307	1.280	1.173	1.237	1.2580	4.100
4-Chlorophenyl phenyl ether	0.692	0.679	0.670	0.643	0.565	0.571	0.6370	8.800
Fluorene	1.378	1.382	1.367	1.290	1.123	1.154	1.2820	9.100
4-Nitroaniline	0.324	0.379	0.401	0.408	0.385	0.409	0.3840	8.300

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica LaboratContract: _____ Lab Sample ID: A8I0000399-1Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No: 7595Instrument ID: HP5973XCalibration Dates(s): 06/03/2008 06/03/2008Calibration Times: 08:38 10:33

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
4,6-Dinitro-2-methylphenol	0.082	0.107	0.129	0.138	0.134	0.149	0.1230	20.000
N-nitrosodiphenylamine	* 0.553	0.567	0.568	0.544	0.476	0.500	0.5350	7.100*
4-Bromophenyl phenyl ether	0.202	0.212	0.215	0.206	0.184	0.194	0.2020	5.800
Hexachlorobenzene	0.229	0.222	0.219	0.209	0.186	0.199	0.2100	7.700
Pentachlorophenol	* 0.089	0.112	0.135	0.137	0.131	0.142	0.1240	16.100*
Phenanthrene	1.155	1.131	1.108	1.032	0.907	0.955	1.0480	9.600
Anthracene	1.106	1.143	1.138	1.071	0.917	0.971	1.0570	8.800
Di-n-butyl phthalate	1.047	1.201	1.249	1.196	1.034	1.078	1.1340	8.100
Fluoranthene	* 1.215	1.273	1.246	1.172	1.030	1.075	1.1680	8.300*
Pyrene	1.264	1.297	1.328	1.308	1.231	1.331	1.2930	3.000
Butyl benzyl phthalate	0.480	0.558	0.600	0.609	0.544	0.533	0.5540	8.500
3,3'-Dichlorobenzidine	0.397	0.461	0.514	0.517	0.481	0.499	0.4780	9.300
Benzo(a)anthracene	1.242	1.273	1.295	1.271	1.170	1.181	1.2390	4.200
Chrysene	1.250	1.219	1.245	1.222	1.170	1.280	1.2310	3.000
Bis(2-ethylhexyl) phthalate	0.649	0.777	0.852	0.836	0.700	0.679	0.7490	11.400
Di-n-octyl phthalate	* 0.944	1.259	1.499	1.566	1.512	1.595	1.3960	18.000*
Benzo(b)fluoranthene	1.409	1.340	1.466	1.382	1.373	1.623	1.4320	7.200
Benzo(k)fluoranthene	1.295	1.409	1.248	1.187	0.884	0.722	1.1240	23.500
Benzo(a)pyrene	* 1.271	1.332	1.342	1.272	1.135	1.191	1.2570	6.400*
Indeno(1,2,3-cd)pyrene	1.543	1.550	1.543	1.460	1.362	1.471	1.4880	4.900
Dibenzo(a,h)anthracene	1.367	1.347	1.316	1.223	1.114	1.213	1.2630	7.700
Benzo(ghi)perylene	1.400	1.345	1.342	1.280	1.192	1.285	1.3070	5.500
Carbazole	1.113	1.131	1.127	1.068	0.938	0.983	1.0600	7.600
=====								
Nitrobenzene-D5	0.337	0.358	0.373	0.364	0.341	0.374	0.3580	4.400
2-Fluorobiphenyl	1.315	1.312	1.311	1.284	1.138	1.187	1.2580	6.000
p-Terphenyl-d14	0.990	0.991	1.000	0.995	0.936	1.020	0.9880	2.800
Phenol-D5	1.723	1.846	1.902	1.935	1.804	1.941	1.8590	4.600
2-Fluorophenol	1.329	1.379	1.399	1.438	1.393	1.550	1.4150	5.300
2,4,6-Tribromophenol	0.076	0.092	0.100	0.100	0.092	0.100	0.0930	10.300

Comments:

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\8270\
 Method File : A8I0399.M
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 11:03:45 2008
 Response Via : Initial Calibration

Calibration Files

5 =X24144.D 20 =X24145.D 50 =X24146.D
 80 =X24147.D 120 =X24148.D 160 =X24149.D

Compound	5	20	50	80	120	160	Avg	%RSD	
1) I CI30 1,4-Dichlorobenz	-----ISTD-----								
2) T C705 n-nitrosodidim	0.737	0.885	0.956	0.965	0.929	1.019	0.915	10.67	
3) S CS50 2-Fluorophenol	1.329	1.379	1.399	1.438	1.393	1.550	1.415	5.30	
4) TC C325 bis(2-Chloroet	1.480	1.472	1.464	1.468	1.403	1.538	1.471	2.92	
5) S CS45 Phenol-d5	1.723	1.846	1.902	1.935	1.804	1.941	1.859	4.57	
6) S CS70 2-chlorophenol	1.445	1.503	1.548	1.567	1.501	1.648	1.535	4.54	
7) MC C315 Phenol	2.068	2.185	2.210	2.233	2.077	2.201	2.162	3.29	
8) MC C330 2-Chlorophenol	1.522	1.609	1.614	1.639	1.557	1.690	1.605	3.70	
9) T C320 aniline	2.215	2.328	2.220	2.224	1.993	2.148	2.188	5.10	
10) TC C335 1,3-Dichlorobe	1.732	1.714	1.727	1.699	1.584	1.706	1.694	3.24	
11) MC C340 1,4-Dichlorobe	1.747	1.762	1.748	1.712	1.604	1.719	1.715	3.36	
12) S CS75 1,2-dichlorobe	0.955	0.976	0.961	0.947	0.865	0.914	0.936	4.33	
13) TC C350 1,2-Dichlorobe	1.650	1.681	1.643	1.620	1.446	1.495	1.589	5.99	
14) T C345 Benzyl alcohol	0.934	1.073	1.110	1.133	1.037	1.098	1.064	6.74	
15) T C360 bis(2-chlorois	1.801	1.813	1.748	1.701	1.496	1.515	1.679	8.37	
16) TC C355 2-Methylphenol	1.356	1.427	1.437	1.463	1.348	1.432	1.411	3.34	
17) TC C375 Hexachloroetha	0.565	0.583	0.590	0.576	0.545	0.593	0.575	3.09	
18) MC C370 N-Nitroso-di-n	1.000	1.112	1.143	1.135	1.058	1.142	1.098	5.27	
19) TC C365 4-Methylphenol	1.409	1.575	1.593	1.620	1.521	1.616	1.556	5.15	
20) I CI40 Naphthalene-d8	-----ISTD-----								
21) S CS20 Nitrobenzene-d	0.337	0.358	0.373	0.364	0.341	0.374	0.358	4.46	
22) TC C410 Nitrobenzene	0.363	0.380	0.388	0.378	0.349	0.380	0.373	3.90	
23) TC C415 Isophorone	0.648	0.734	0.770	0.750	0.694	0.771	0.728	6.63	
24) T C430 benzoic acid	0.205	0.222	0.244	0.255	0.252	0.285	0.244	11.51	
25) TC C420 2-Nitrophenol	0.159	0.189	0.213	0.212	0.202	0.228	0.201	12.05	
26) TC C425 2,4-Dimethylph	0.354	0.364	0.382	0.374	0.332	0.362	0.361	4.81	
27) TC C435 bis(2-Chloroet	0.411	0.417	0.426	0.415	0.383	0.418	0.412	3.67	
28) TC C440 2,4-Dichloroph	0.315	0.318	0.327	0.324	0.294	0.319	0.316	3.62	
29) MC C445 1,2,4-Trichlor	0.350	0.337	0.344	0.330	0.297	0.322	0.330	5.70	
30) TC C450 Naphthalene	1.137	1.129	1.128	1.090	0.972	1.039	1.083	6.05	
31) T C455 4-Chloroanilin	0.479	0.486	0.487	0.471	0.433	0.479	0.473	4.33	
32) T C460 Hexachlorobuta	0.188	0.182	0.182	0.176	0.161	0.170	0.176	5.57	
33) MC C465 4-Chloro-3-met	0.307	0.336	0.351	0.342	0.315	0.346	0.333	5.30	
34) TC C470 2-Methylnaphth	0.765	0.768	0.777	0.739	0.655	0.702	0.734	6.48	
35) I CI50 Acenaphthene-d10	-----ISTD-----								
36) T C510 Hexachlorocycl	0.242	0.295	0.334	0.351	0.328	0.351	0.317	13.31	
37) TC C515 2,4,6-Trichlor	0.322	0.357	0.373	0.374	0.346	0.367	0.357	5.56	
38) TC C520 2,4,5-Trichlor	0.354	0.396	0.413	0.407	0.378	0.405	0.392	5.69	
39) S CS25 2-Fluorobiphen	1.315	1.312	1.311	1.284	1.138	1.187	1.258	6.05	
40) TC C525 2-Chloronaphth	1.127	1.139	1.153	1.133	1.025	1.065	1.107	4.57	
41) T C530 2-Nitroaniline	0.318	0.339	0.357	0.350	0.322	0.336	0.337	4.48	
42) MC C540 Acenaphthylene	1.786	1.850	1.881	1.840	1.632	1.718	1.784	5.29	
43) T C535 Dimethylphthal	1.328	1.338	1.364	1.350	1.245	1.355	1.330	3.27	
44) TC C542 2,6-Dinitrotol	0.251	0.309	0.329	0.331	0.313	0.342	0.312	10.43	
45) TC C550 Acenaphthene	1.167	1.152	1.139	1.094	0.967	1.017	1.089	7.42	
46) T C545 3-Nitroaniline	0.296	0.356	0.380	0.380	0.360	0.399	0.362	9.93	
47) T C555 2,4-Dinitrophe	0.096	0.132	0.166	0.183	0.192	0.219	-----		
					L	M=	0.223	R=0.992	
						B=	-0.059		
48) TC C565 Dibenzofuran	1.737	1.733	1.706	1.623	1.397	1.441	1.606	9.42	
49) MC C570 2,4-Dinitrotol	0.399	0.443	0.459	0.456	0.429	0.466	0.442	5.63	
50) M C560 4-Nitrophenol	0.126	0.148	0.159	0.157	0.142	0.153	0.147	8.41	
51) TC C590 Fluorene	1.378	1.382	1.367	1.290	1.122	1.154	1.282	9.12	
52) TC C585 4-Chlorophenyl	0.692	0.679	0.669	0.643	0.565	0.571	0.637	8.76	

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\8270\
 Method File : A8I0399.M
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 11:03:45 2008
 Response Via : Initial Calibration

Calibration Files												
5	=X24144.D	20	=X24145.D	50	=X24146.D							
80	=X24147.D	120	=X24148.D	160	=X24149.D							
53)	T	C580	Diethylphthala	1.241	1.308	1.307	1.280	1.173	1.237	1.258	4.11	
54)	T	C620	1,2-diphenylhy	1.199	1.264	1.254	1.200	1.052	1.163	1.189	6.46	
55)	T	C595	4-Nitroaniline	0.324	0.379	0.401	0.408	0.385	0.409	0.384	8.33	
56)	I	CI60	Phenanthrene-d10	-----ISTD-----								
57)	T	C610	4,6-Dinitro-2-	0.082	0.107	0.129	0.138	0.134	0.149	-----		
									L	M= 0.150 R=0.996		
										B= -0.024		
58)	T	C615	n-Nitrosodiphe	0.553	0.566	0.568	0.544	0.476	0.500	0.535	7.10	
59)	S	CS55	2,4,6-Tribromo	0.075	0.092	0.100	0.100	0.092	0.099	0.093	10.27	
60)	TC	C625	4-Bromophenyl-	0.202	0.212	0.215	0.206	0.184	0.194	0.202	5.78	
61)	TC	C630	Hexachlorobenz	0.229	0.222	0.219	0.209	0.186	0.199	0.210	7.66	
62)	MC	C635	Pentachlorophe	0.089	0.112	0.135	0.137	0.131	0.142	-----		
									L	M= 0.142 R=0.997		
										B= -0.013		
63)	TC	C640	Phenanthrene	1.155	1.131	1.107	1.032	0.907	0.955	1.048	9.61	
64)	TC	C645	Anthracene	1.106	1.143	1.138	1.071	0.917	0.970	1.057	8.83	
65)	T	C647	carbazole	1.113	1.131	1.127	1.068	0.938	0.983	1.060	7.65	
66)	T	C650	Di-n-butylphth	1.047	1.201	1.249	1.195	1.034	1.078	1.134	8.10	
67)	TC	C655	Fluoranthene	1.215	1.273	1.246	1.172	1.030	1.075	1.168	8.30	
68)	I	CI70	Chrysene-d12	-----ISTD-----								
69)	MC	C715	Pyrene	1.264	1.297	1.328	1.308	1.231	1.331	1.293	3.01	
70)	T	C710	benzidine	0.596	0.664	0.634	0.695	0.642	0.738	0.662	7.52	
71)	S	CS30	Terphenyl-d14	0.990	0.991	1.000	0.995	0.936	1.020	0.988	2.84	
72)	T	C720	Butylbenzylphth	0.480	0.558	0.600	0.609	0.544	0.532	0.554	8.53	
73)	T	C725	3,3'-Dichlorob	0.397	0.461	0.513	0.516	0.481	0.499	0.478	9.34	
74)	TC	C730	Benzo[a]anthra	1.242	1.273	1.295	1.271	1.170	1.181	1.239	4.18	
75)	TC	C735	Chrysene	1.250	1.218	1.245	1.222	1.170	1.280	1.231	3.01	
76)	T	C740	bis(2-Ethylhex	0.649	0.777	0.852	0.836	0.700	0.679	0.749	11.38	
77)	T	C760	Di-n-octylphth	0.944	1.259	1.499	1.566	1.512	1.594	-----		
									L	M= 1.605 R=0.999		
										B= -0.132		
78)	I	CI75	Perylene-d12	-----ISTD-----								
79)	TC	C765	Benzo[b]fluora	1.409	1.340	1.466	1.382	1.373	1.623	1.432	7.16	
80)	TC	C770	Benzo[k]fluora	1.295	1.408	1.248	1.187	0.884	0.722	-----		
									Q	A= -0.208 R=0.995		
										B= 1.552		
										C= -0.026		
81)	TC	C775	Benzo[a]pyrene	1.271	1.331	1.342	1.272	1.134	1.191	1.257	6.42	
82)	TC	C780	Indeno[1,2,3-c	1.543	1.550	1.543	1.460	1.362	1.470	1.488	4.92	
83)	TC	C785	Dibenz[a,h]ant	1.367	1.347	1.316	1.223	1.114	1.213	1.263	7.67	
84)	TC	C790	Benzo[g,h,i]pe	1.400	1.345	1.342	1.280	1.192	1.285	1.307	5.49	

 Total Average %RSD 6.36

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

A8I0399.M

Tue Jun 03 11:05:04 2008

Date: 08/06/2008

ICC Profile

Page: 1

Time: 15:10:09

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG

Fraction: MB

No of Points: 6

Default Min. RRF: 0.0500

QC Approver: PM

CCC Conc: 50.00

QC Date: 02/20/2008

Comments:

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2 Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2 Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4 Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8 2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1 1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7 1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6 Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1 1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7 2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1 2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP 3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4 Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8 Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0 2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0 Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2 Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9 Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644 3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1 a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5 Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0 p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1 9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1 1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0 (z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7 N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1 1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1 Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3 Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1 Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5 2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9 2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0 Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1 Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2 2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1 1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3 Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8 4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3 Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7 4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6 2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4 Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2 2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4 2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7 2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4 2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
310	131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzdine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylphthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892 60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893 99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894 56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895 608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896 82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897 62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898 122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899 101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900 298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901 85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902 23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903 110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904 108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905 94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906 03689-24-5	Sulfotepp	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907 CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908 297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909 1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910 78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911 115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912 98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913 94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914 2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915 611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916 102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917 620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918 104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919 98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920 106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921 371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922 100-22-1	p-Phenylenediamine, tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923 106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924 126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925 74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926 2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927 140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928 52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929 109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930 C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931 127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932 100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933 1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934 126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940 112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990 95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991 86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993 933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994 109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995 545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996 50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997 DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008
Time: 15:10:09

ICC Profile

Page: 6
Rept: AN0287R

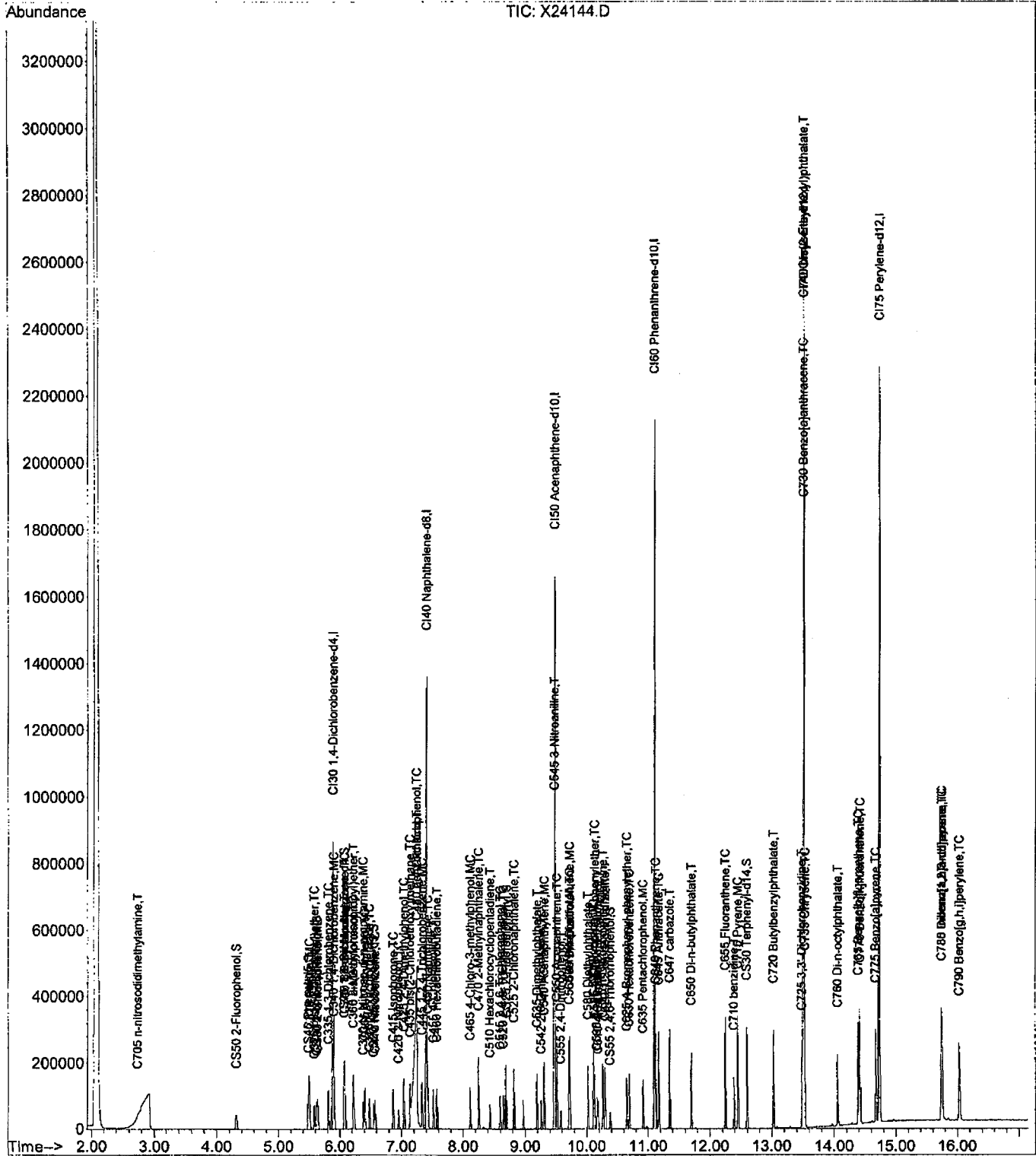
ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7 Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Data File : D:\DATA\060308\X24144.D
Acq On : 3 Jun 2008 8:38
Sample : SST005
Misc : 8270 (04/09/08)
MS Integration Params: rteint.p

Vial: 2
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jun 03 10:54:12 2008 Results File: A8I0362.RES
Quant Method : C:\MSDCHEM\1...\A8I0362.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 02 09:11:45 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\060308\X24144.D
 Acq On : 3 Jun 2008 8:38
 Sample : SSTD005
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 10:54:12 2008

Vial: 2
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0362.RES

Quant Method : C:\MSDCHEM\1...\A8I0362.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 02 09:11:45 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060208\X24111.D (2 Jun 2008 8:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	159686	40.00	ng	-0.01 111.61%
20) CI40 Naphthalene-d8	7.41	136	637409	40.00	ng	-0.01 115.01%
35) CI50 Acenaphthene-d10	9.48	164	402257	40.00	ng	-0.02 121.96%
56) CI60 Phenanthrene-d10	11.10	188	736685	40.00	ng	-0.02 131.14%
68) CI70 Chrysene-d12	13.51	240	771711	40.00	ng	-0.02 134.57%
78) CI75 Perylene-d12	14.73	264	744852	40.00	ng	-0.02 117.16%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.32	112	26531	4.60	ng	-0.01
Spiked Amount 150.000	Range 21 - 110		Recovery =	3.07%#		
5) CS45 Phenol-d5	5.49	99	34390	4.60	ng	-0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =	3.07%#		
6) CS70 2-chlorophenol-d4	5.62	132	28842	4.73	ng	-0.02
Spiked Amount 150.000	Range 33 - 110		Recovery =	3.15%#		
12) CS75 1,2-dichlorobenzene-d	6.07	152	19070	5.16	ng	-0.02
Spiked Amount 100.000	Range 16 - 110		Recovery =	5.16%#		
21) CS20 Nitrobenzene-d5	6.56	82	26816	4.77	ng	-0.02
Spiked Amount 100.000	Range 34 - 114		Recovery =	4.77%#		
39) CS25 2-Fluorobiphenyl	8.70	172	66103	5.20	ng	-0.02
Spiked Amount 100.000	Range 43 - 116		Recovery =	5.20%#		
59) CS55 2,4,6-Tribromophenol	10.38	330	6951	4.58	ng	-0.02
Spiked Amount 150.000	Range 10 - 123		Recovery =	3.05%#		
71) CS30 Terphenyl-d14	12.60	244	95469	5.09	ng	-0.02
Spiked Amount 100.000	Range 33 - 141		Recovery =	5.09%#		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.73	74	14714	4.06	ng	97
4) C325 bis(2-Chloroethyl)eth	5.59	93	29542	5.05	ng	# 70
7) C315 Phenol	5.50	94	41276	5.07	ng	90
8) C330 2-Chlorophenol	5.64	128	30380	4.78	ng	97
9) C320 aniline	5.51	93	44205	4.80	ng	# 69
10) C335 1,3-Dichlorobenzene	5.82	146	34574	5.15	ng	98
11) C340 1,4-Dichlorobenzene	5.91	146	34863	5.12	ng	98
13) C350 1,2-Dichlorobenzene	6.09	146	32928	5.18	ng	98
14) C345 Benzyl alcohol	6.08	108	18646	4.34	ng	# 75
15) C360 bis(2-chloroisopropyl	6.23	45	35956	5.38	ng	# 29
16) C355 2-Methylphenol	6.23	108	27070	4.75	ng	96
17) C375 Hexachloroethane	6.49	117	11275	5.00	ng	85
18) C370 N-Nitroso-di-n-propyl	6.39	70	19962	4.59	ng	# 57
19) C365 4-Methylphenol	6.41	108	28134	4.60	ng	97
22) C410 Nitrobenzene	6.58	77	28883	4.95	ng	87
23) C415 Isophorone	6.87	82	51647	4.44	ng	85
24) C430 benzoic acid	7.25	122	325978	128.22	ng	# 60
25) C420 2-Nitrophenol	6.96	139	12643	4.16	ng	# 78
26) C425 2,4-Dimethylphenol	7.04	107	28184	4.81	ng	91
27) C435 bis(2-Chloroethoxy)me	7.15	93	32724	5.01	ng	94
28) C440 2,4-Dichlorophenol	7.26	162	25080	5.09	ng	93

Data File : D:\DATA\060308\X24144.D
 Acq On : 3 Jun 2008 8:38
 Sample : SSTD005
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 10:54:12 2008

Vial: 2
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0362.RES

Quant Method : C:\MSDCHEM\1...\A8I0362.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 02 09:11:45 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060208\X24111.D (2 Jun 2008 8:52)

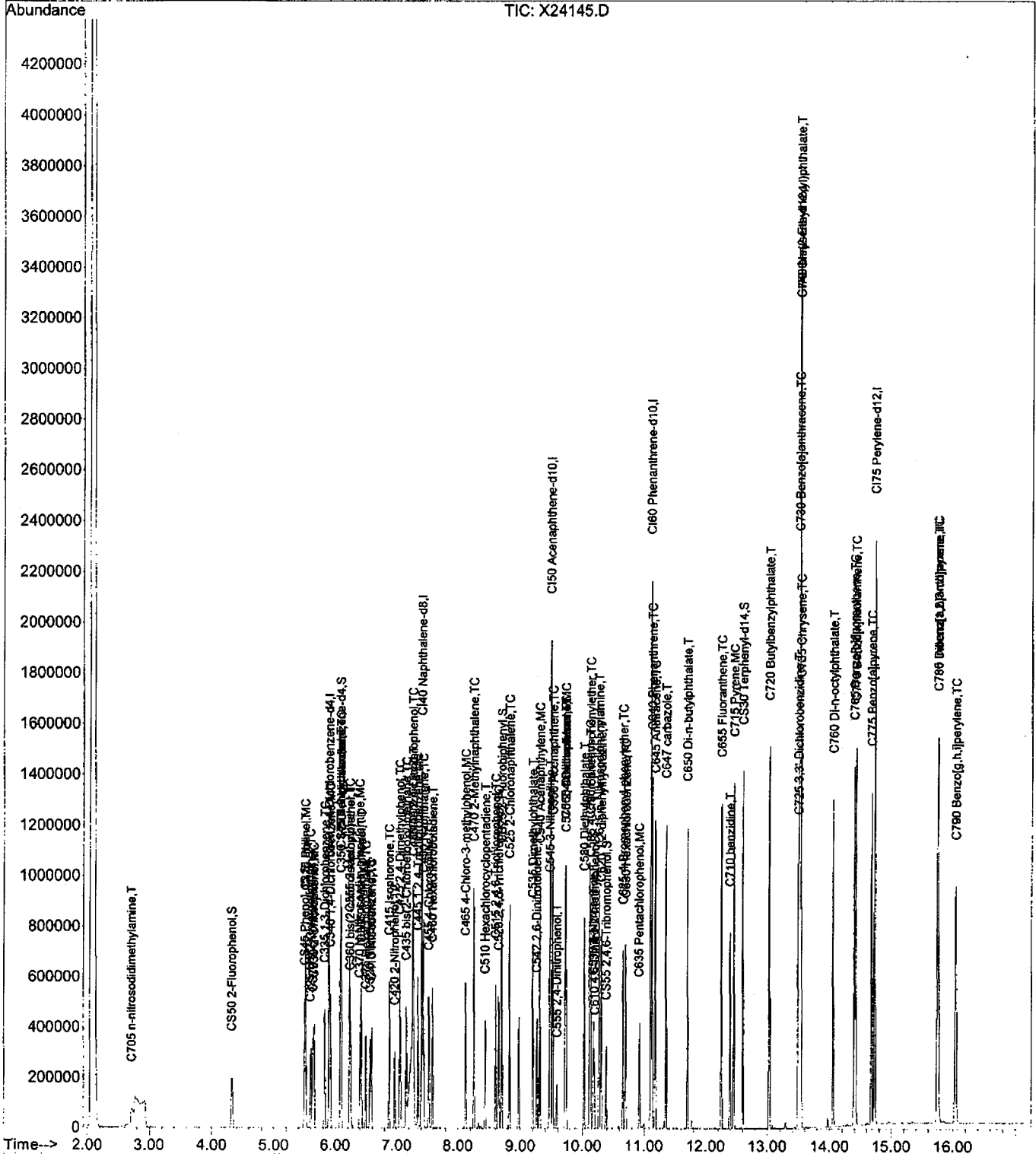
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.34	180	27849	5.34	ng		95
30) C450 Naphthalene	7.43	128	90624	5.25	ng		99
31) C455 4-Chloroaniline	7.52	127	38196	4.96	ng		96
32) C460 Hexachlorobutadiene	7.58	225	14981	5.38	ng		97
33) C465 4-Chloro-3-methylphen	8.12	107	24454	4.70	ng		92
34) C470 2-Methylnaphthalene	8.25	142	60959	5.21	ng		100
36) C510 Hexachlorocyclopentad	8.43	237	12148	3.57	ng		94
37) C515 2,4,6-Trichlorophenol	8.60	196	16215	4.84	ng		96
38) C520 2,4,5-Trichlorophenol	8.65	196	17784	4.75	ng		96
40) C525 2-Chloronaphthalene	8.82	162	56686	5.05	ng		98
41) C530 2-Nitroaniline	10.17	65	16001	4.69	ng	#	78
42) C540 Acenaphthylene	9.31	152	89797	4.94	ng		100
43) C535 Dimethylphthalate	9.19	163	66771	4.97	ng		99
44) C542 2,6-Dinitrotoluene	9.26	165	12609	3.97	ng	#	80
45) C550 Acenaphthene	9.51	153	58666	5.35	ng		98
46) C545 3-Nitroaniline	9.47	138	14874	4.01	ng	#	75
47) C555 2,4-Dinitrophenol	9.58	184	9677	11.39	ng	#	44
48) C565 Dibenzofuran	9.72	168	87358	5.32	ng		91
49) C570 2,4-Dinitrotoluene	9.73	165	20074	4.67	ng		81
50) C560 4-Nitrophenol	9.71	109	12649	9.60	ng	#	69
51) C590 Fluorene	10.11	166	69268	5.33	ng		97
52) C585 4-Chlorophenyl-phenyl	10.13	204	34802	5.46	ng		98
53) C580 Diethylphthalate	10.02	149	62380	4.90	ng		96
54) C620 1,2-diphenylhydrazine	10.30	77	60277	5.22	ng		76
55) C595 4-Nitroaniline	10.17	138	16291	4.11	ng		83
57) C610 4,6-Dinitro-2-methylp	10.19	198	15029	15.57	ng		100
58) C615 n-Nitrosodiphenylamin	10.26	169	50932	5.08	ng		96
60) C625 4-Bromophenyl-phenyle	10.65	248	18639	4.88	ng		88
61) C630 Hexachlorobenzene	10.69	284	21054	5.34	ng		82
62) C635 Pentachlorophenol	10.92	266	16467	14.50	ng		96
63) C640 Phenanthrene	11.12	178	106333	5.44	ng		98
64) C645 Anthracene	11.18	178	101813	5.09	ng		99
65) C647 carbazole	11.35	167	102447	5.15	ng		97
66) C650 Di-n-butylphthalate	11.70	149	96402	4.36	ng		98
67) C655 Fluoranthene	12.25	202	111874	5.04	ng		94
69) C715 Pyrene	12.45	202	121941	5.00	ng		92
70) C710 benzidine	12.39	184	57518	4.02	ng		100
72) C720 Butylbenzylphthalate	13.03	149	46332	4.27	ng		89
73) C725 3,3'-Dichlorobenzidin	13.48	252	38336	3.98	ng		99
74) C730 Benzo[a]anthracene	13.50	228	119817	5.10	ng		99
75) C735 Chrysene	13.53	228	120585	5.16	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.52	149	62601	4.30	ng		90
77) C760 Di-n-octylphthalate	14.06	149	91084	3.26	ng		98
79) C765 Benzo[b]fluoranthene	14.39	252	131214	5.05	ng		98
80) C770 Benzo[k]fluoranthene	14.41	252	120596	4.18	ng		98
81) C775 Benzo[a]pyrene	14.67	252	118340	5.08	ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.74	276	143669	5.22	ng		96
83) C785 Dibenz[a,h]anthracene	15.75	278	127275	5.44	ng		93
84) C790 Benzo[g,h,i]perylene	16.03	276	130369	5.45	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\060308\X24145.D
Acq On : 3 Jun 2008 9:01
Sample : SST020
Misc : 8270 (04/09/08)
MS Integration Params: rteint.p

Vial: 3
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jun 03 10:55:55 2008 Results File: A8I0399.RES
Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Jun 03 10:55:39 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\060308\X24145.D
 Acq On : 3 Jun 2008 9:01
 Sample : SSTD020
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 10:55:55 2008

Vial: 3
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 10:55:39 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060208\X24111.D (2 Jun 2008 8:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	163392	40.00	ng	0.00 114.21%
20) CI40 Naphthalene-d8	7.41	136	681301	40.00	ng	0.00 122.93%
35) CI50 Acenaphthene-d10	9.48	164	434416	40.00	ng	0.00 131.71%
56) CI60 Phenanthrene-d10	11.11	188	793115	40.00	ng	0.00 141.19%
68) CI70 Chrysene-d12	13.51	240	816779	40.00	ng	0.00 142.43%
78) CI75 Perylene-d12	14.73	264	793230	40.00	ng	0.00 124.77%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.32	112	112647	19.26	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	12.84%#
5) CS45 Phenol-d5	5.49	99	150842	19.86	ng	0.00
Spiked Amount	150.000	Range	10 - 110	Recovery	=	13.24%
6) CS70 2-chlorophenol-d4	5.63	132	122805	19.73	ng	0.00
Spiked Amount	150.000	Range	33 - 110	Recovery	=	13.15%#
12) CS75 1,2-dichlorobenzene-d	6.08	152	79768	21.14	ng	0.00
Spiked Amount	100.000	Range	16 - 110	Recovery	=	21.14%
21) CS20 Nitrobenzene-d5	6.56	82	121856	20.41	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	20.41%#
39) CS25 2-Fluorobiphenyl	8.70	172	285002	20.78	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	20.78%#
59) CS55 2,4,6-Tribromophenol	10.38	330	36291	22.03	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	14.69%
71) CS30 Terphenyl-d14	12.60	244	404591	20.51	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	20.51%#

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.72	74	72269	19.51	ng	90
4) C325 bis(2-Chloroethyl)eth	5.60	93	120252	20.11	ng	# 70
7) C315 Phenol	5.51	94	178477	21.34	ng	85
8) C330 2-Chlorophenol	5.65	128	131455	20.32	ng	97
9) C320 aniline	5.52	93	190162	20.38	ng	# 69
10) C335 1,3-Dichlorobenzene	5.83	146	139999	20.32	ng	97
11) C340 1,4-Dichlorobenzene	5.92	146	143970	20.63	ng	95
13) C350 1,2-Dichlorobenzene	6.09	146	137305	20.98	ng	97
14) C345 Benzyl alcohol	6.08	108	87685	20.20	ng	# 76
15) C360 bis(2-chloroisopropyl	6.24	45	148116	21.51	ng	79
16) C355 2-Methylphenol	6.23	108	116563	20.08	ng	98
17) C375 Hexachloroethane	6.49	117	47665	20.66	ng	92
18) C370 N-Nitroso-di-n-propyl	6.39	70	90835	20.75	ng	# 60
19) C365 4-Methylphenol	6.42	108	128710	20.71	ng	99
22) C410 Nitrobenzene	6.58	77	129435	20.85	ng	82
23) C415 Isophorone	6.87	82	250022	20.54	ng	87
24) C430 benzoic acid	7.27	122	453755	147.33	ng	# 61
25) C420 2-Nitrophenol	6.96	139	64553	20.11	ng	# 72
26) C425 2,4-Dimethylphenol	7.04	107	123981	19.93	ng	92
27) C435 bis(2-Chloroethoxy)me	7.15	93	142109	20.48	ng	93
28) C440 2,4-Dichlorophenol	7.26	162	108165	20.40	ng	95

Data File : D:\DATA\060308\X24145.D
 Acq On : 3 Jun 2008 9:01
 Sample : SSTD020
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 10:55:55 2008

Vial: 3
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 10:55:39 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060208\X24111.D (2 Jun 2008 8:52)

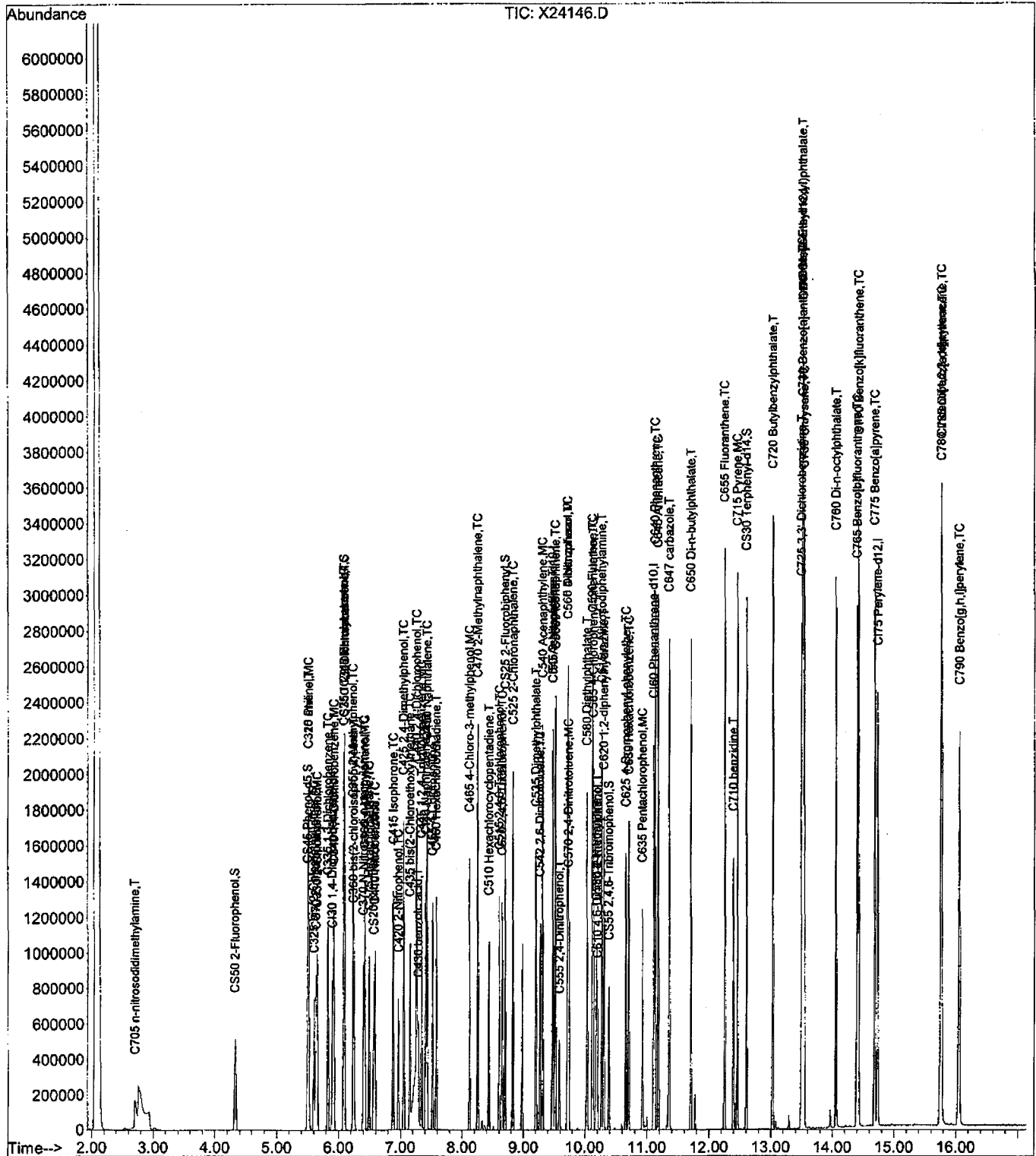
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.34	180	114638	20.56	ng		92
30) C450 Naphthalene	7.43	128	384504	20.90	ng		98
31) C455 4-Chloroaniline	7.52	127	165589	20.21	ng		98
32) C460 Hexachlorobutadiene	7.58	225	61957	20.71	ng		97
33) C465 4-Chloro-3-methylphen	8.12	107	114326	20.70	ng		91
34) C470 2-Methylnaphthalene	8.25	142	261543	20.98	ng		97
36) C510 Hexachlorocyclopentad	8.43	237	64151	17.95	ng		93
37) C515 2,4,6-Trichlorophenol	8.60	196	77581	21.39	ng		98
38) C520 2,4,5-Trichlorophenol	8.65	196	85961	21.14	ng		97
40) C525 2-Chloronaphthalene	8.82	162	247432	20.52	ng		99
41) C530 2-Nitroaniline	10.18	65	73676	20.51	ng	#	71
42) C540 Acenaphthylene	9.31	152	401853	20.70	ng		97
43) C535 Dimethylphthalate	9.20	163	290517	20.11	ng		99
44) C542 2,6-Dinitrotoluene	9.27	165	67019	19.96	ng	#	78
45) C550 Acenaphthene	9.52	153	250174	21.16	ng		99
46) C545 3-Nitroaniline	9.47	138	77385	19.70	ng	#	83
47) C555 2,4-Dinitrophenol	9.58	184	28655	27.92	ng	#	39
48) C565 Dibenzofuran	9.72	168	376402	21.29	ng		87
49) C570 2,4-Dinitrotoluene	9.73	165	96141	20.60	ng		94
50) C560 4-Nitrophenol	9.72	109	32050	22.05	ng	#	14
51) C590 Fluorene	10.12	166	300249	21.50	ng		97
52) C585 4-Chlorophenyl-phenyl	10.13	204	147574	21.44	ng		97
53) C580 Diethylphthalate	10.03	149	284130	20.91	ng		97
54) C620 1,2-diphenylhydrazine	10.30	77	274623	22.08	ng		75
55) C595 4-Nitroaniline	10.18	138	82214	19.53	ng		79
57) C610 4,6-Dinitro-2-methylp	10.19	198	42404	25.80	ng		100
58) C615 n-Nitrosodiphenylamin	10.27	169	224643	21.06	ng		98
60) C625 4-Bromophenyl-phenyle	10.66	248	84007	20.71	ng		96
61) C630 Hexachlorobenzene	10.70	284	88070	20.89	ng		91
62) C635 Pentachlorophenol	10.92	266	44387	25.39	ng		97
63) C640 Phenanthrene	11.13	178	448616	21.41	ng		99
64) C645 Anthracene	11.18	178	453198	21.33	ng		99
65) C647 carbazole	11.35	167	448312	21.15	ng		97
66) C650 Di-n-butylphthalate	11.70	149	476153	20.63	ng		99
67) C655 Fluoranthene	12.25	202	504874	21.52	ng		90
69) C715 Pyrene	12.46	202	529607	20.65	ng		88
70) C710 benzidine	12.39	184	271127	18.85	ng		98
72) C720 Butylbenzylphthalate	13.03	149	227765	20.27	ng		91
73) C725 3,3'-Dichlorobenzidin	13.49	252	188130	18.85	ng		98
74) C730 Benzo[a]anthracene	13.50	228	519855	21.01	ng		99
75) C735 Chrysene	13.54	228	497620	20.12	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.52	149	317317	21.22	ng		92
77) C760 Di-n-octylphthalate	14.06	149	514128	18.01	ng		99
79) C765 Benzo[b]fluoranthene	14.39	252	531437	19.11	ng		99
80) C770 Benzo[k]fluoranthene	14.42	252	558629	20.15	ng		99
81) C775 Benzo[a]pyrene	14.68	252	528088	21.27	ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.74	276	614690	20.98	ng		98
83) C785 Dibenz[a,h]anthracene	15.76	278	534277	21.35	ng		93
84) C790 Benzo[g,h,i]perylene	16.04	276	533276	20.81	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\060308\X24146.D
Acq On : 3 Jun 2008 9:24
Sample : SSTD050
Misc : 8270 (04/09/08)
MS Integration Params: rteint.p

Vial: 4
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jun 03 10:56:42 2008 Results File: A8I0399.RES
Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Jun 03 10:56:36 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\060308\X24146.D
 Acq On : 3 Jun 2008 9:24
 Sample : SSTD050
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 10:56:42 2008

Vial: 4
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 10:56:36 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060208\X24111.D (2 Jun 2008 8:52)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	162750	40.00	ng	0.00 113.76%
20) CI40 Naphthalene-d8	7.41	136	660462	40.00	ng	0.00 119.17%
35) CI50 Acenaphthene-d10	9.48	164	422489	40.00	ng	0.00 128.09%
56) CI60 Phenanthrene-d10	11.11	188	763006	40.00	ng	0.00 135.83%
68) CI70 Chrysene-d12	13.52	240	742287	40.00	ng	0.00 129.44%
78) CI75 Perylene-d12	14.73	264	780219	40.00	ng	0.00 122.73%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.33	112	284654	49.16	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	32.77%		
5) CS45 Phenol-d5	5.50	99	386928	51.25	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	34.17%		
6) CS70 2-chlorophenol-d4	5.63	132	314827	50.86	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =	33.91%		
12) CS75 1,2-dichlorobenzene-d	6.08	152	195456	51.91	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =	51.91%		
21) CS20 Nitrobenzene-d5	6.57	82	308204	53.23	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	53.23%		
39) CS25 2-Fluorobiphenyl	8.70	172	692363	52.08	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	52.08%		
59) CS55 2,4,6-Tribromophenol	10.39	330	95792	58.88	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	39.25%		
71) CS30 Terphenyl-d14	12.60	244	928220	51.90	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	51.90%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.70	74	194523	52.95	ng	88
4) C325 bis(2-Chloroethyl)eth	5.60	93	297929	50.20	ng	# 69
7) C315 Phenol	5.52	94	449562	53.21	ng	89
8) C330 2-Chlorophenol	5.65	128	328351	50.92	ng	97
9) C320 aniline	5.52	93	451548	48.66	ng	# 68
10) C335 1,3-Dichlorobenzene	5.83	146	351315	51.22	ng	98
11) C340 1,4-Dichlorobenzene	5.92	146	355616	51.15	ng	99
13) C350 1,2-Dichlorobenzene	6.10	146	334236	51.05	ng	97
14) C345 Benzyl alcohol	6.09	108	225757	52.45	ng	# 72
15) C360 bis(2-chloroisopropyl	6.25	45	355648	51.48	ng	81
16) C355 2-Methylphenol	6.23	108	292290	50.66	ng	97
17) C375 Hexachloroethane	6.49	117	119980	52.00	ng	86
18) C370 N-Nitroso-di-n-propyl	6.40	70	232486	53.33	ng	# 57
19) C365 4-Methylphenol	6.42	108	324032	52.21	ng	100
22) C410 Nitrobenzene	6.59	77	320361	53.05	ng	81
23) C415 Isophorone	6.88	82	635719	53.98	ng	86
24) C430 benzoic acid	7.29	122	603551	181.80	ng	# 61
25) C420 2-Nitrophenol	6.97	139	175936	56.02	ng	# 72
26) C425 2,4-Dimethylphenol	7.05	107	315694	52.44	ng	92
27) C435 bis(2-Chloroethoxy)me	7.16	93	351710	52.36	ng	93
28) C440 2,4-Dichlorophenol	7.26	162	270071	52.29	ng	95

Data File : D:\DATA\060308\X24146.D
 Acq On : 3 Jun 2008 9:24
 Sample : SSTD050
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 10:56:42 2008

Vial: 4
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 10:56:36 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060208\X24111.D (2 Jun 2008 8:52)

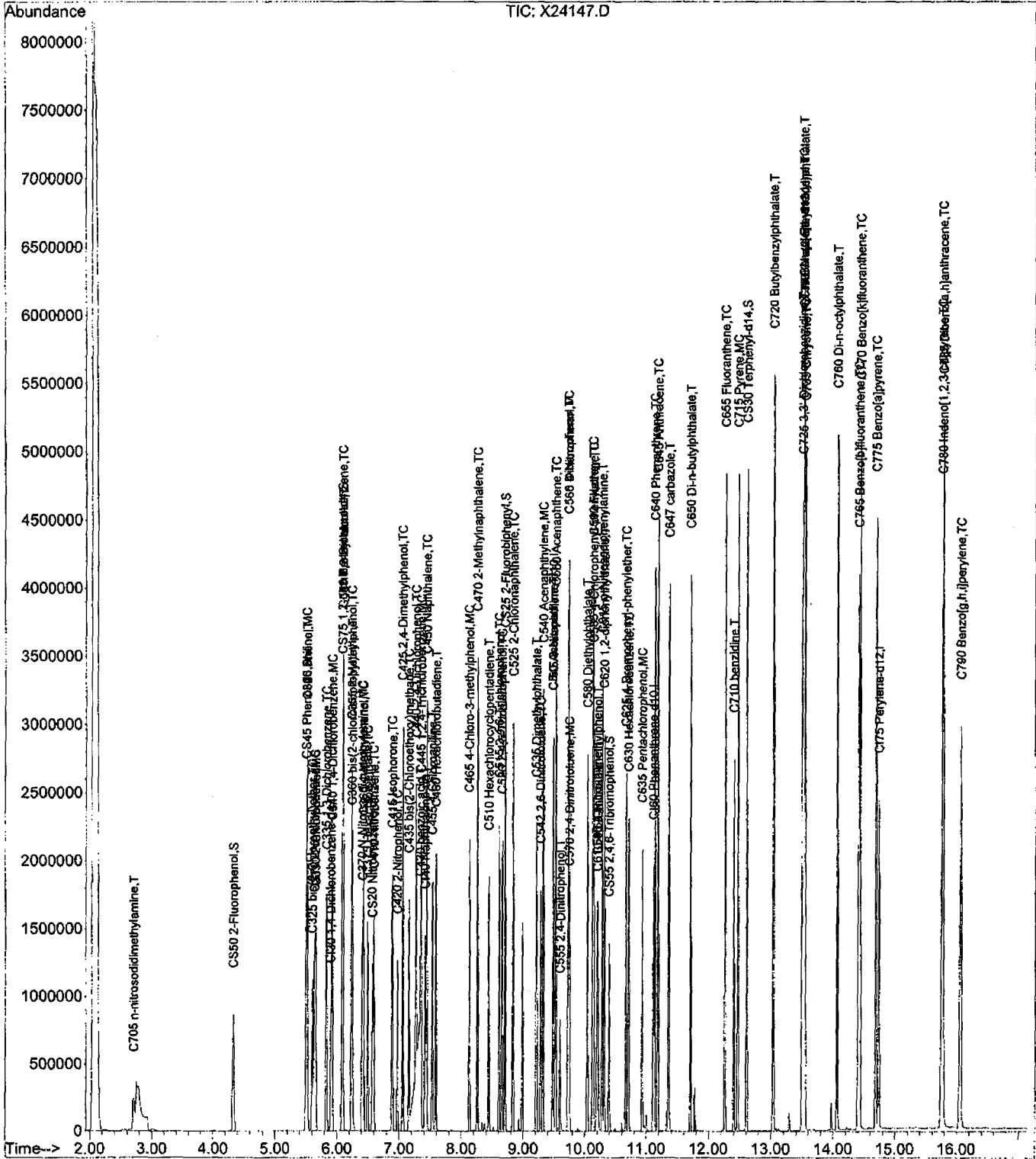
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.34	180	283652	52.47	ng		94
30) C450 Naphthalene	7.43	128	931487	52.24	ng		99
31) C455 4-Chloroaniline	7.53	127	402383	50.70	ng		99
32) C460 Hexachlorobutadiene	7.58	225	150267	51.82	ng		96
33) C465 4-Chloro-3-methylphen	8.12	107	289394	53.92	ng		90
34) C470 2-Methylnaphthalene	8.26	142	641673	53.17	ng		100
36) C510 Hexachlorocyclopentad	8.44	237	176298	51.81	ng		95
37) C515 2,4,6-Trichlorophenol	8.60	196	197031	55.05	ng		97
38) C520 2,4,5-Trichlorophenol	8.65	196	218134	54.42	ng		99
40) C525 2-Chloronaphthalene	8.83	162	608826	52.12	ng		99
41) C530 2-Nitroaniline	10.19	65	188437	53.72	ng	#	76
42) C540 Acenaphthylene	9.32	152	993538	52.87	ng		99
43) C535 Dimethylphthalate	9.20	163	720351	51.51	ng		99
44) C542 2,6-Dinitrotoluene	9.27	165	173822	53.24	ng	#	79
45) C550 Acenaphthene	9.52	153	601583	52.43	ng		98
46) C545 3-Nitroaniline	9.48	138	200594	52.78	ng	#	77
47) C555 2,4-Dinitrophenol	9.59	184	87605	71.78	ng	#	35
48) C565 Dibenzofuran	9.73	168	901002	52.41	ng		81
49) C570 2,4-Dinitrotoluene	9.74	165	242649	53.01	ng		95
50) C560 4-Nitrophenol	9.72	109	84207	57.64	ng	#	13
51) C590 Fluorene	10.12	166	721848	53.21	ng		99
52) C585 4-Chlorophenyl-phenyl	10.13	204	353556	52.83	ng		98
53) C580 Diethylphthalate	10.03	149	690356	52.25	ng		96
54) C620 1,2-diphenylhydrazine	10.30	77	662413	54.37	ng		73
55) C595 4-Nitroaniline	10.19	138	211689	52.00	ng		81
57) C610 4,6-Dinitro-2-methylp	10.20	198	123380	59.87	ng		100
58) C615 n-Nitrosodiphenylamin	10.27	169	541756	52.96	ng		97
60) C625 4-Bromophenyl-phenyle	10.66	248	204905	52.90	ng		96
61) C630 Hexachlorobenzene	10.71	284	208551	51.58	ng		89
62) C635 Pentachlorophenol	10.92	266	128589	62.25	ng		97
63) C640 Phenanthrene	11.13	178	1056251	52.52	ng		100
64) C645 Anthracene	11.18	178	1085299	53.31	ng		100
65) C647 carbazole	11.36	167	1074538	52.88	ng		98
66) C650 Di-n-butylphthalate	11.70	149	1191026	54.24	ng		99
67) C655 Fluoranthene	12.25	202	1187957	52.78	ng		99
69) C715 Pyrene	12.46	202	1231883	52.94	ng		88
70) C710 benzidine	12.40	184	588689	46.09	ng		100
72) C720 Butylbenzylphthalate	13.04	149	556864	54.87	ng		88
73) C725 3,3'-Dichlorobenzidin	13.49	252	476448	53.27	ng		98
74) C730 Benzo[a]anthracene	13.51	228	1201530	53.48	ng		99
75) C735 Chrysene	13.54	228	1155329	51.52	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.52	149	790265	58.64	ng		94
77) C760 Di-n-octylphthalate	14.06	149	1391092	54.53	ng		99
79) C765 Benzo[b]fluoranthene	14.40	252	1429603	52.54	ng		99
80) C770 Benzo[k]fluoranthene	14.42	252	1217536	49.08	ng		98
81) C775 Benzo[a]pyrene	14.69	252	1308443	53.68	ng		96
82) C780 Indeno[1,2,3-cd]pyren	15.76	276	1504936	52.16	ng		91
83) C785 Dibenz[a,h]anthracene	15.77	278	1283219	52.09	ng		94
84) C790 Benzo[g,h,i]perylene	16.05	276	1308770	51.75	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\060308\X24147.D
Acq On : 3 Jun 2008 9:47
Sample : SSTD080
Misc : 8270 (04/09/08)
MS Integration Params: rteint.p

Vial: 5
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jun 03 10:58:13 2008 Results File: A8I0399.RES
Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Jun 03 10:58:06 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\060308\X24147.D
 Acq On : 3 Jun 2008 9:47
 Sample : SSTD080
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 10:58:13 2008

Vial: 5
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 10:58:06 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060308\X24146.D (3 Jun 2008 9:24)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	166522	40.00	ng	0.00 102.32%
20) CI40 Naphthalene-d8	7.41	136	689752	40.00	ng	0.00 104.43%
35) CI50 Acenaphthene-d10	9.49	164	428802	40.00	ng	0.00 101.49%
56) CI60 Phenanthrene-d10	11.11	188	781594	40.00	ng	0.00 102.44%
68) CI70 Chrysene-d12	13.52	240	721028	40.00	ng	0.00 97.14%
78) CI75 Perylene-d12	14.74	264	810823	40.00	ng	0.00 103.92%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.33	112	478790	81.32	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	54.21%		
5) CS45 Phenol-d5	5.51	99	644546	83.44	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	55.63%		
6) CS70 2-chlorophenol-d4	5.64	132	522032	82.52	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =	55.01%		
12) CS75 1,2-dichlorobenzene-d	6.08	152	315282	82.02	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =	82.02%		
21) CS20 Nitrobenzene-d5	6.57	82	502269	82.47	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	82.47%		
39) CS25 2-Fluorobiphenyl	8.70	172	1101005	81.74	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	81.74%		
59) CS55 2,4,6-Tribromophenol	10.39	330	156618	91.30	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	60.87%		
71) CS30 Terphenyl-d14	12.61	244	1434303	82.80	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	82.80%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.70	74	321414	85.35	ng	86
4) C325 bis(2-Chloroethyl)eth	5.61	93	488872	80.74	ng	# 69
7) C315 Phenol	5.52	94	743652	84.86	ng	95
8) C330 2-Chlorophenol	5.66	128	545963	82.76	ng	98
9) C320 aniline	5.52	93	740565	78.55	ng	# 69
10) C335 1,3-Dichlorobenzene	5.83	146	565784	80.66	ng	98
11) C340 1,4-Dichlorobenzene	5.92	146	570257	80.20	ng	97
13) C350 1,2-Dichlorobenzene	6.10	146	539445	80.69	ng	98
14) C345 Benzyl alcohol	6.09	108	377426	85.84	ng	# 67
15) C360 bis(2-chloroisopropyl	6.25	45	566416	79.89	ng	69
16) C355 2-Methylphenol	6.24	108	487407	82.78	ng	96
17) C375 Hexachloroethane	6.49	117	191894	80.95	ng	86
18) C370 N-Nitroso-di-n-propyl	6.41	70	378114	84.36	ng	# 56
19) C365 4-Methylphenol	6.43	108	539643	84.88	ng	99
22) C410 Nitrobenzene	6.60	77	522017	82.39	ng	77
23) C415 Isophorone	6.89	82	1034607	83.64	ng	84
24) C430 benzoic acid	7.33	122	1056095	281.10	ng	# 59
25) C420 2-Nitrophenol	6.97	139	292786	87.69	ng	# 74
26) C425 2,4-Dimethylphenol	7.05	107	515414	81.61	ng	89
27) C435 bis(2-Chloroethoxy)me	7.16	93	572799	81.32	ng	94
28) C440 2,4-Dichlorophenol	7.27	162	446376	82.32	ng	93

Data File : D:\DATA\060308\X24147.D
 Acq On : 3 Jun 2008 9:47
 Sample : SSTD080
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 10:58:13 2008

Vial: 5
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 10:58:06 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060308\X24146.D (3 Jun 2008 9:24)

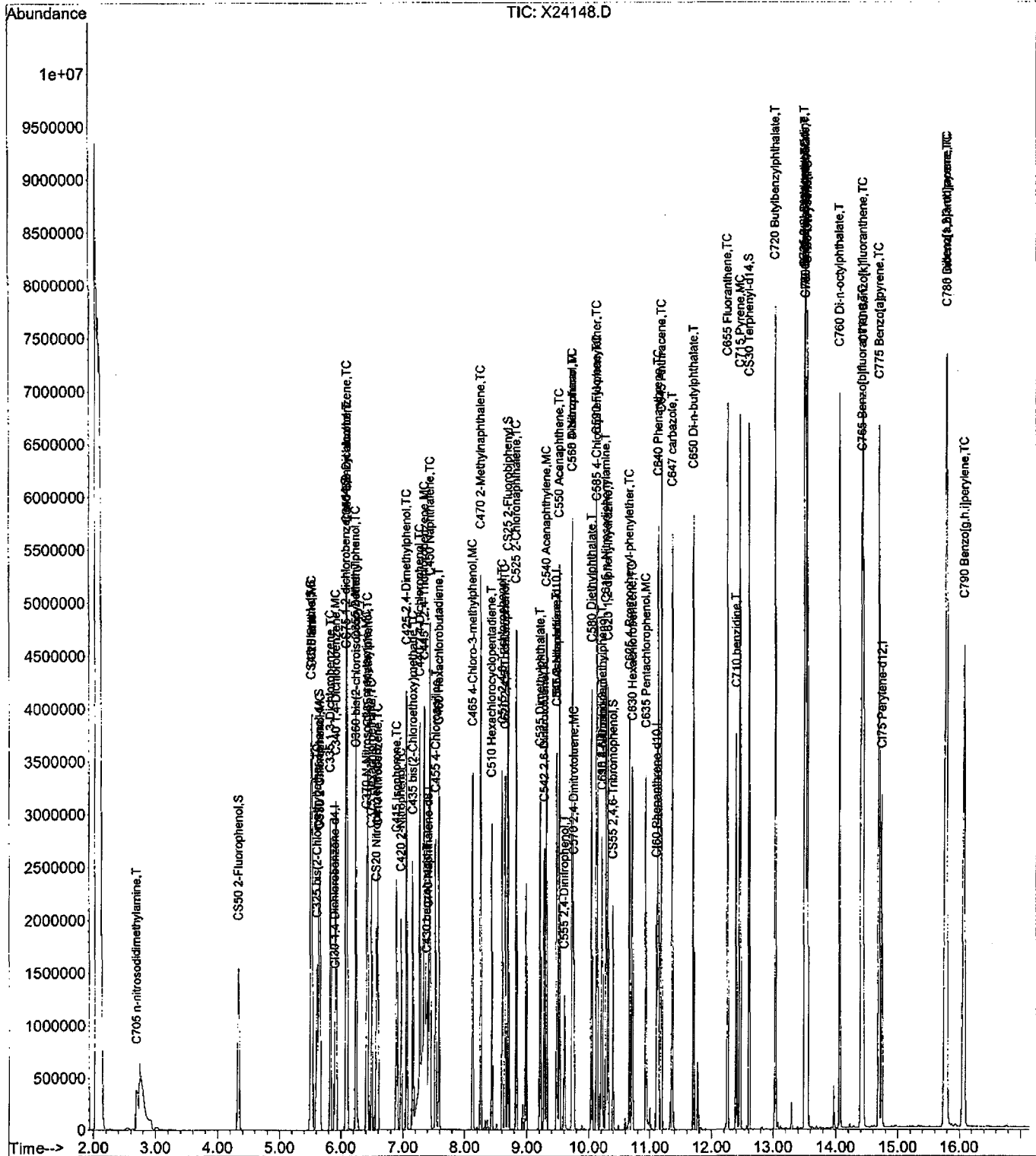
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.35	180	455330	80.41	ng		93
30) C450 Naphthalene	7.44	128	1504265	80.74	ng		99
31) C455 4-Chloroaniline	7.53	127	649177	78.38	ng		99
32) C460 Hexachlorobutadiene	7.59	225	243082	80.09	ng		98
33) C465 4-Chloro-3-methylphen	8.12	107	471314	83.30	ng		92
34) C470 2-Methylnaphthalene	8.26	142	1019114	80.60	ng		99
36) C510 Hexachlorocyclopentad	8.44	237	301353	88.09	ng		95
37) C515 2,4,6-Trichlorophenol	8.60	196	320649	86.78	ng		97
38) C520 2,4,5-Trichlorophenol	8.65	196	348685	84.67	ng		98
40) C525 2-Chloronaphthalene	8.83	162	971649	81.91	ng		97
41) C530 2-Nitroaniline	10.20	65	300506	83.72	ng	#	73
42) C540 Acenaphthylene	9.32	152	1577692	82.66	ng		98
43) C535 Dimethylphthalate	9.21	163	1157426	81.50	ng		99
44) C542 2,6-Dinitrotoluene	9.28	165	283832	85.28	ng		79
45) C550 Acenaphthene	9.52	153	937848	80.36	ng		97
46) C545 3-Nitroaniline	9.48	138	326177	84.33	ng	#	77
47) C555 2,4-Dinitrophenol	9.60	184	156978	104.57	ng	#	37
48) C565 Dibenzofuran	9.73	168	1391977	79.67	ng		74
49) C570 2,4-Dinitrotoluene	9.75	165	390810	83.40	ng		98
50) C560 4-Nitrophenol	9.73	109	134682	87.89	ng	#	1
51) C590 Fluorene	10.12	166	1106375	80.36	ng		97
52) C585 4-Chlorophenyl-phenyl	10.14	204	551524	81.16	ng		99
53) C580 Diethylphthalate	10.04	149	1097309	81.85	ng		97
54) C620 1,2-diphenylhydrazine	10.31	77	1029078	82.63	ng		71
55) C595 4-Nitroaniline	10.20	138	350005	84.70	ng	#	79
57) C610 4,6-Dinitro-2-methylp	10.21	198	215242	95.48	ng		100
58) C615 n-Nitrosodiphenylamin	10.28	169	849946	81.30	ng		97
60) C625 4-Bromophenyl-phenyle	10.66	248	322183	81.35	ng		91
61) C630 Hexachlorobenzene	10.71	284	327171	79.26	ng		91
62) C635 Pentachlorophenol	10.93	266	213783	95.94	ng		99
63) C640 Phenanthrene	11.13	178	1613598	78.44	ng		99
64) C645 Anthracene	11.19	178	1673908	80.45	ng		99
65) C647 carbazole	11.36	167	1668837	80.26	ng		97
66) C650 Di-n-butylphthalate	11.70	149	1868776	83.49	ng		99
67) C655 Fluoranthene	12.26	202	1832026	79.78	ng		96
69) C715 Pyrene	12.46	202	1886206	83.32	ng		95
70) C710 benzidine	12.40	184	1001716	82.39	ng		99
72) C720 Butylbenzylphthalate	13.04	149	878252	89.24	ng		82
73) C725 3,3'-Dichlorobenzidin	13.49	252	744797	86.06	ng		99
74) C730 Benzo[a]anthracene	13.51	228	1833206	84.18	ng		99
75) C735 Chrysene	13.54	228	1761546	80.87	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.53	149	1205940	92.12	ng		97
77) C760 Di-n-octylphthalate	14.06	149	2257554	91.46	ng		100
79) C765 Benzo[b]fluoranthene	14.41	252	2241183	78.78	ng		98
80) C770 Benzo[k]fluoranthene	14.44	252	1924292	87.39	ng		99
81) C775 Benzo[a]pyrene	14.69	252	2062980	81.56	ng		95
82) C780 Indeno[1,2,3-cd]pyren	15.77	276	2368052	79.22	ng		87
83) C785 Dibenz[a,h]anthracene	15.78	278	1983841	77.79	ng		90
84) C790 Benzo[g,h,i]perylene	16.07	276	2075001	79.10	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\060308\X24148.D
Acq On : 3 Jun 2008 10:10
Sample : SSTD120
Misc : 8270 (04/09/08)
MS Integration Params: rteint.p

Vial: 6
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jun 03 11:03:28 2008 Results File: A8I0399.RES
Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Jun 03 10:59:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\060308\X24148.D
 Acq On : 3 Jun 2008 10:10
 Sample : SSTD120
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 11:03:28 2008

Vial: 6
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 10:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060308\X24146.D (3 Jun 2008 9:24)

Handwritten initials: WMY

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	199088	40.00	ng	0.00 122.33%
20) CI40 Naphthalene-d8	7.42	136	834501	40.00	ng	0.00 126.35%
35) CI50 Acenaphthene-d10	9.49	164	513109	40.00	ng	0.00 121.45%
56) CI60 Phenanthrene-d10	11.11	188	950891	40.00	ng	0.00 124.62%
68) CI70 Chrysene-d12	13.53	240	819680	40.00	ng	0.00 110.43%
78) CI75 Perylene-d12	14.75	264	1012816	40.00	ng	0.00 129.81%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.34	112	832174	118.46	ng	0.00
Spiked Amount 150.000	Range	21 - 110	Recovery	=	78.97%	
5) CS45 Phenol-d5	5.52	99	1077472	116.30	ng	0.01
Spiked Amount 150.000	Range	10 - 110	Recovery	=	77.53%	
6) CS70 2-chlorophenol-d4	5.64	132	896662	118.26	ng	0.00
Spiked Amount 150.000	Range	33 - 110	Recovery	=	78.84%	
12) CS75 1,2-dichlorobenzene-d	6.08	152	516849	112.21	ng	0.00
Spiked Amount 100.000	Range	16 - 110	Recovery	=	112.21%#	
21) CS20 Nitrobenzene-d5	6.58	82	854603	115.54	ng	0.01
Spiked Amount 100.000	Range	34 - 114	Recovery	=	115.54%#	
39) CS25 2-Fluorobiphenyl	8.71	172	1751993	108.43	ng	0.00
Spiked Amount 100.000	Range	43 - 116	Recovery	=	108.43%	
59) CS55 2,4,6-Tribromophenol	10.40	330	262834	122.83	ng	0.01
Spiked Amount 150.000	Range	10 - 123	Recovery	=	81.89%	
71) CS30 Terphenyl-d14	12.61	244	2301002	116.90	ng	0.00
Spiked Amount 100.000	Range	33 - 141	Recovery	=	116.90%	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.69	74	554847	122.80	ng	84
4) C325 bis(2-Chloroethyl)eth	5.62	93	838001	115.86	ng	# 67
7) C315 Phenol	5.53	94	1240630	116.86	ng	95
8) C330 2-Chlorophenol	5.67	128	929918	117.62	ng	98
9) C320 aniline	5.53	93	1190279	106.04	ng	# 69
10) C335 1,3-Dichlorobenzene	5.83	146	946352	112.86	ng	99
11) C340 1,4-Dichlorobenzene	5.92	146	958270	112.74	ng	97
13) C350 1,2-Dichlorobenzene	6.10	146	863633	108.13	ng	97
14) C345 Benzyl alcohol	6.10	108	619285	117.45	ng	# 68
15) C360 bis(2-chloroisopropyl	6.25	45	893432	105.24	ng	70
16) C355 2-Methylphenol	6.24	108	805030	114.28	ng	98
17) C375 Hexachloroethane	6.50	117	325774	114.78	ng	# 79
18) C370 N-Nitroso-di-n-propyl	6.42	70	631612	117.13	ng	# 54
19) C365 4-Methylphenol	6.43	108	908725	118.80	ng	99
22) C410 Nitrobenzene	6.60	77	872999	113.24	ng	78
23) C415 Isophorone	6.90	82	1737867	115.72	ng	85
24) C430 benzoic acid	7.40	122	1889407	399.09	ng	# 55
25) C420 2-Nitrophenol	6.97	139	506925	123.84	ng	# 72
26) C425 2,4-Dimethylphenol	7.07	107	831600	108.86	ng	89
27) C435 bis(2-Chloroethoxy)me	7.16	93	957776	112.16	ng	94
28) C440 2,4-Dichlorophenol	7.27	162	737231	111.84	ng	94

Data File : D:\DATA\060308\X24148.D
 Acq On : 3 Jun 2008 10:10
 Sample : SSTD120
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 11:03:28 2008

Vial: 6
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 10:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060308\X24146.D (3 Jun 2008 9:24)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.35	180	743424	108.28	ng		94
30) C450 Naphthalene	7.44	128	2433209	107.87	ng		99
31) C455 4-Chloroaniline	7.54	127	1083029	108.72	ng		99
32) C460 Hexachlorobutadiene	7.59	225	402260	109.45	ng		96
33) C465 4-Chloro-3-methylphen	8.13	107	788924	114.61	ng		88
34) C470 2-Methylnaphthalene	8.26	142	1638878	107.10	ng		97
36) C510 Hexachlorocyclopentad	8.44	237	504308	123.63	ng		93
37) C515 2,4,6-Trichlorophenol	8.61	196	532232	118.28	ng		96
38) C520 2,4,5-Trichlorophenol	8.66	196	582442	117.30	ng		99
40) C525 2-Chloronaphthalene	8.83	162	1577042	110.87	ng		97
41) C530 2-Nitroaniline	10.21	65	496355	114.93	ng	#	72
42) C540 Acenaphthylene	9.32	152	2511793	109.73	ng		97
43) C535 Dimethylphthalate	9.22	163	1916536	112.65	ng		99
44) C542 2,6-Dinitrotoluene	9.29	165	481494	120.69	ng	#	78
45) C550 Acenaphthene	9.53	153	1488614	106.54	ng		99
46) C545 3-Nitroaniline	9.49	138	553464	119.65	ng	#	75
47) C555 2,4-Dinitrophenol	9.61	184	296066	145.80	ng	#	39
48) C565 Dibenzofuran	9.74	168	2150012	102.87	ng		72
49) C570 2,4-Dinitrotoluene	9.76	165	659966	117.16	ng		90
50) C560 4-Nitrophenol	9.74	109	218211	116.69	ng	#	1
51) C590 Fluorene	10.13	166	1727865	105.02	ng		99
52) C585 4-Chlorophenyl-phenyl	10.14	204	869470	106.80	ng		97
53) C580 Diethylphthalate	10.05	149	1806076	112.46	ng		96
54) C620 1,2-diphenylhydrazine	10.31	77	1620069	108.21	ng		68
55) C595 4-Nitroaniline	10.21	138	592079	119.66	ng	#	78
57) C610 4,6-Dinitro-2-methylp	10.22	198	381368	133.78	ng		100
58) C615 n-Nitrosodiphenylamin	10.28	169	1357051	106.62	ng		97
60) C625 4-Bromophenyl-phenyle	10.67	248	524027	109.07	ng		93
61) C630 Hexachlorobenzene	10.72	284	529274	105.55	ng		91
62) C635 Pentachlorophenol	10.93	266	372341	132.93	ng		98
63) C640 Phenanthrene	11.14	178	2587259	103.64	ng		99
64) C645 Anthracene	11.19	178	2616002	103.50	ng		99
65) C647 carbazole	11.37	167	2676877	106.10	ng		96
66) C650 Di-n-butylphthalate	11.71	149	2950342	108.94	ng		98
67) C655 Fluoranthene	12.27	202	2938367	105.44	ng		93
69) C715 Pyrene	12.47	202	3027156	117.45	ng		93
70) C710 benzidine	12.40	184	1579367	116.26	ng		100
72) C720 Butylbenzylphthalate	13.04	149	1338755	119.61	ng		82
73) C725 3,3'-Dichlorobenzidin	13.51	252	1182910	121.21	ng		99
74) C730 Benzo[a]anthracene	13.52	228	2878178	116.20	ng		98
75) C735 Chrysene	13.55	228	2877673	116.49	ng		99
76) C740 bis(2-Ethylhexyl)pth	13.53	149	1721340	115.68	ng		99
77) C760 Di-n-octylphthalate	14.07	149	3717270	132.86	ng		100
79) C765 Benzo[b]fluoranthene	14.42	252	4170421m	116.98	ng		97
80) C770 Benzo[k]fluoranthene	14.44	252	2685912m	104.63	ng		98
81) C775 Benzo[a]pyrene	14.70	252	3447018	108.87	ng		96
82) C780 Indeno[1,2,3-cd]pyren	15.80	276	4138637	110.84	ng		82
83) C785 Dibenz[a,h]anthracene	15.80	278	3384723	106.34	ng		93
84) C790 Benzo[g,h,i]perylene	16.09	276	3622361	110.33	ng		90

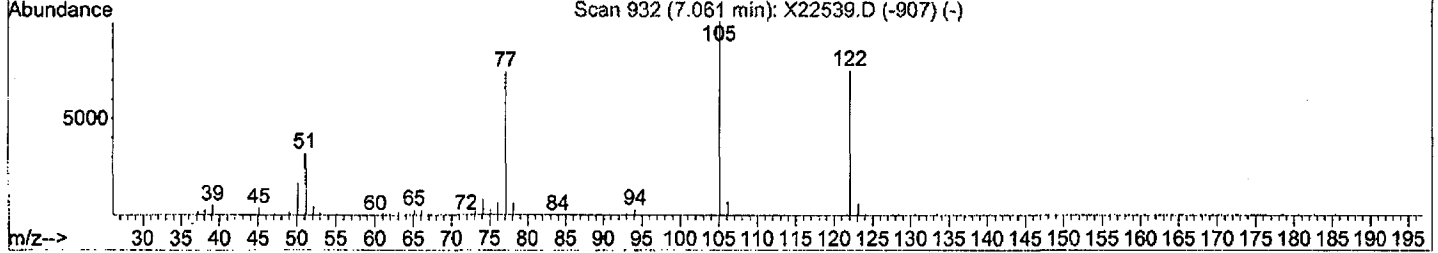
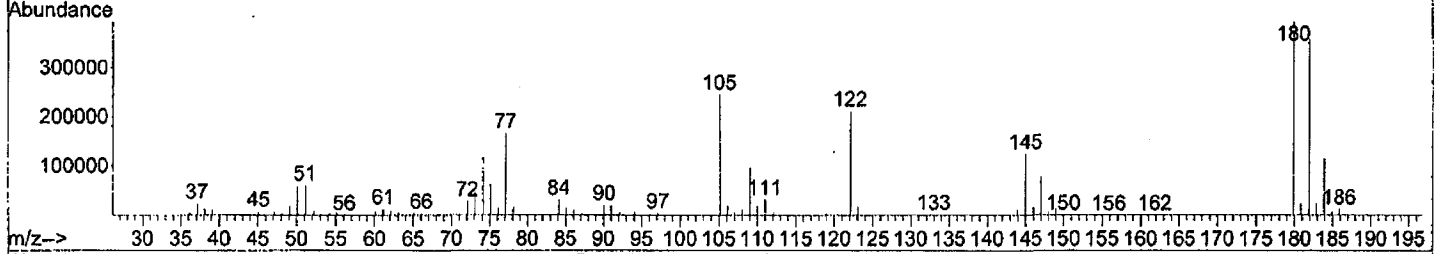
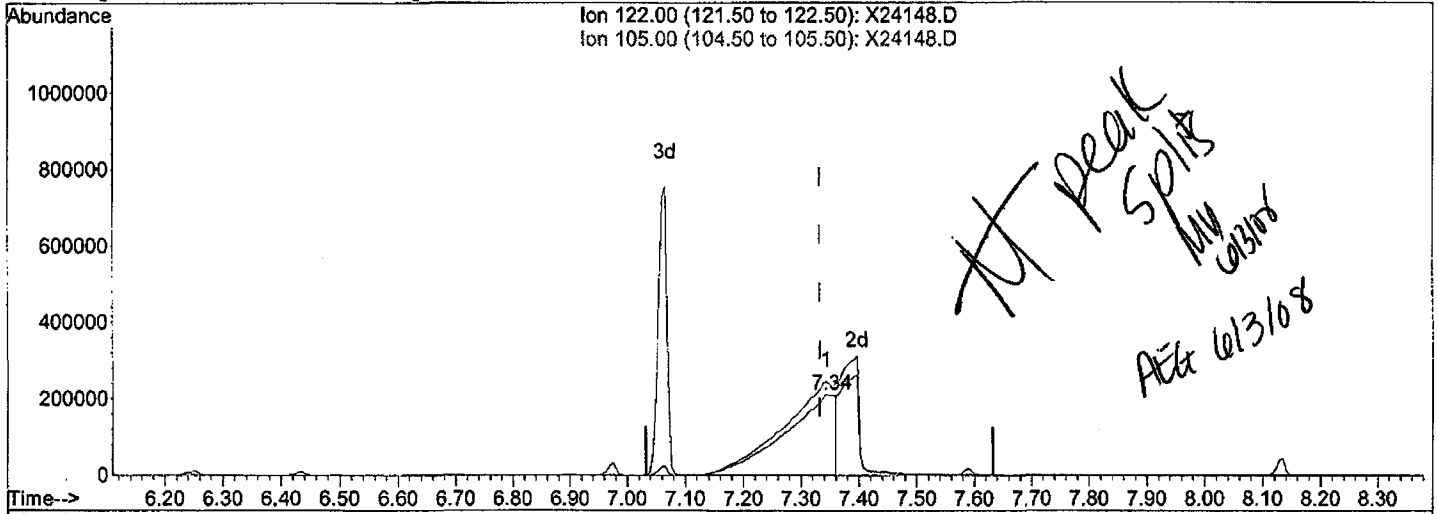
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\060308\X24148.D
 Acq On : 3 Jun 2008 10:10
 Sample : SSTD120
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 11:00:10 2008

Vial: 6
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 11:01:41 2008
 Response via : Multiple Level Calibration



TIC: X24148.D

(24) C430 benzoic acid (T)

7.34min (+0.011) 267.96ng

response 1270091

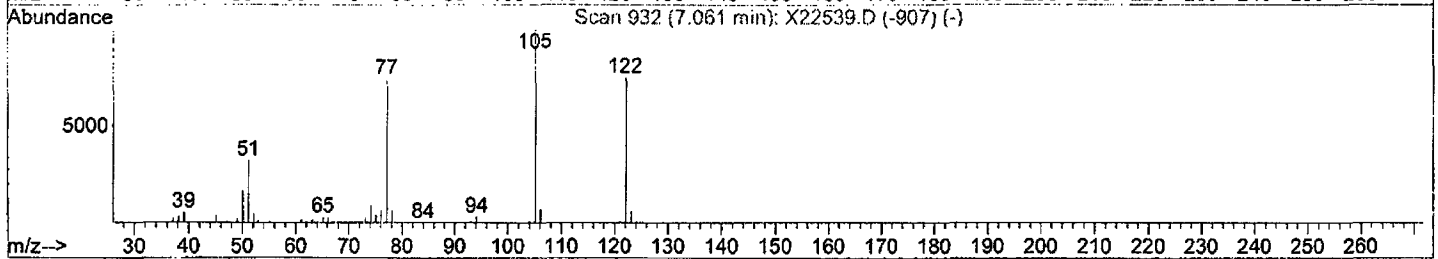
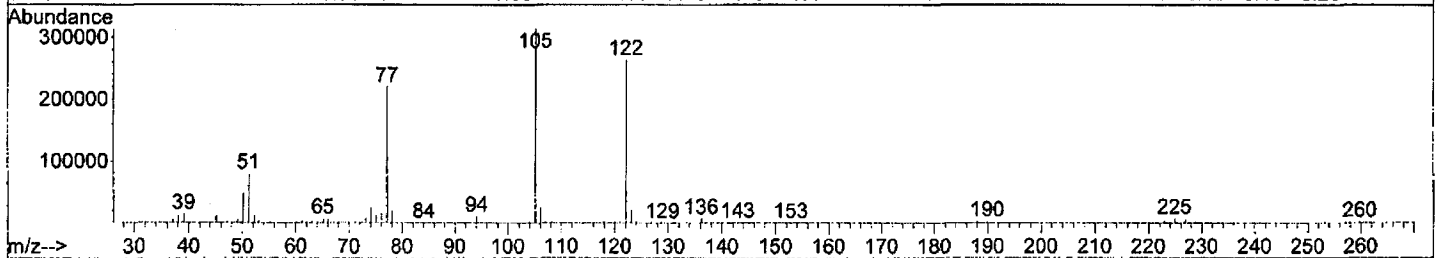
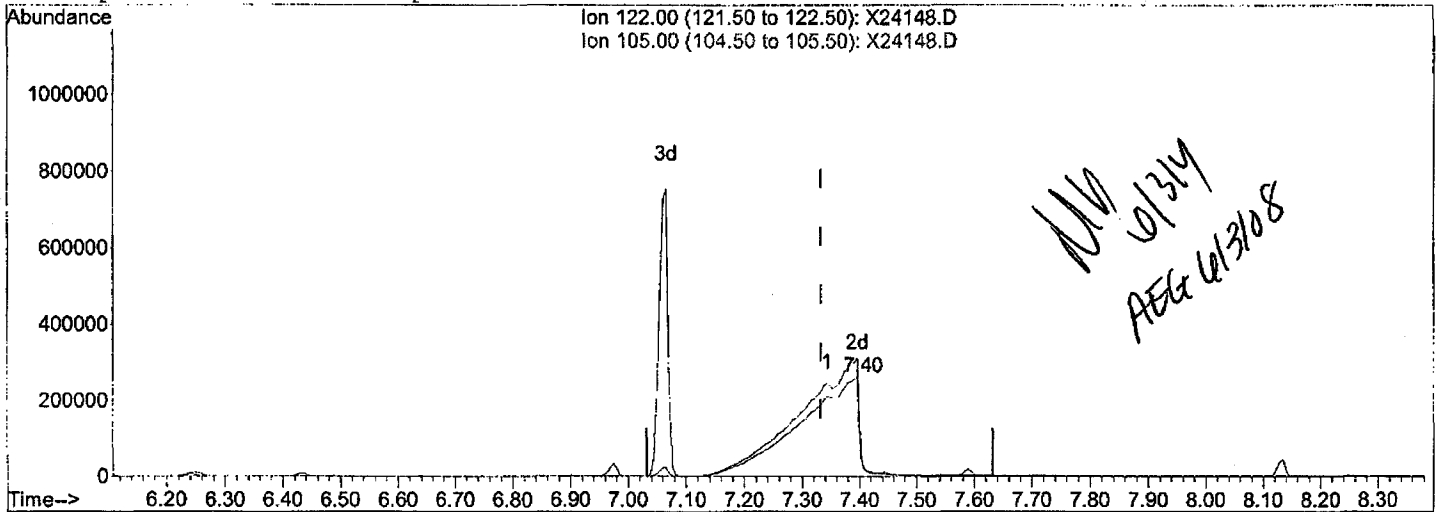
Ion	Exp%	Act%
122.00	100	100
105.00	175.00	112.46#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\060308\X24148.D
 Acq On : 3 Jun 2008 10:10
 Sample : SSTD120
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 11:00:10 2008

Vial: 6
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 11:01:41 2008
 Response via : Multiple Level Calibration



TIC: X24148.D

(24) C430 benzoic acid (T)

7.40min (+0.064) 399.09ng m

response 1889407

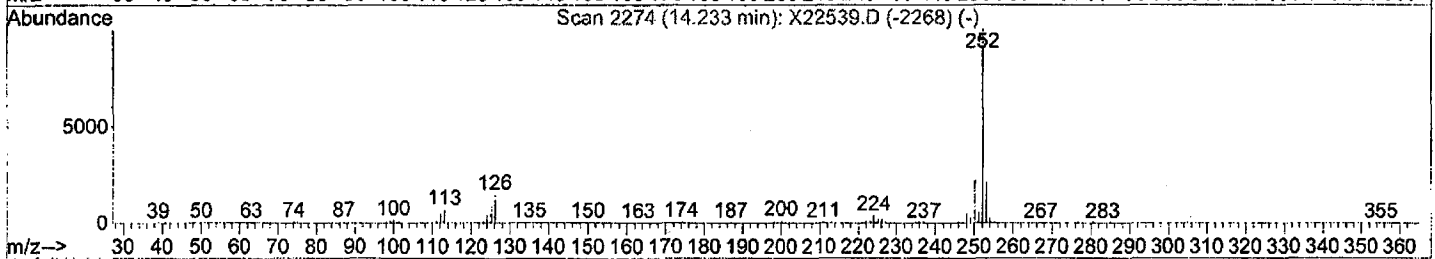
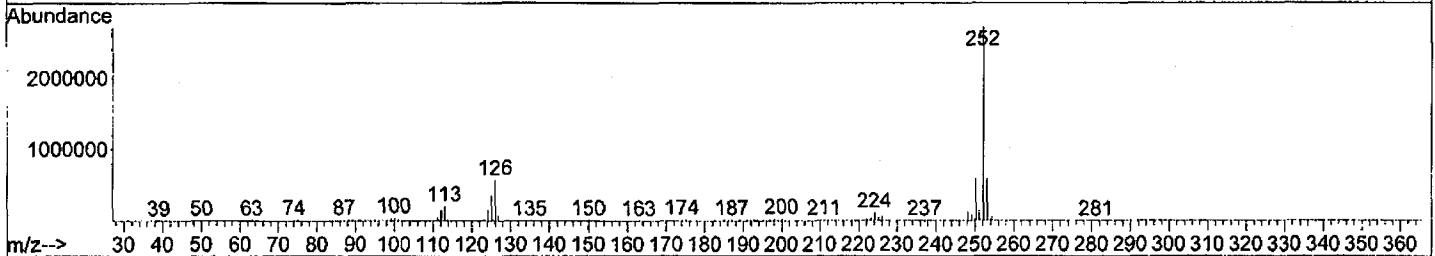
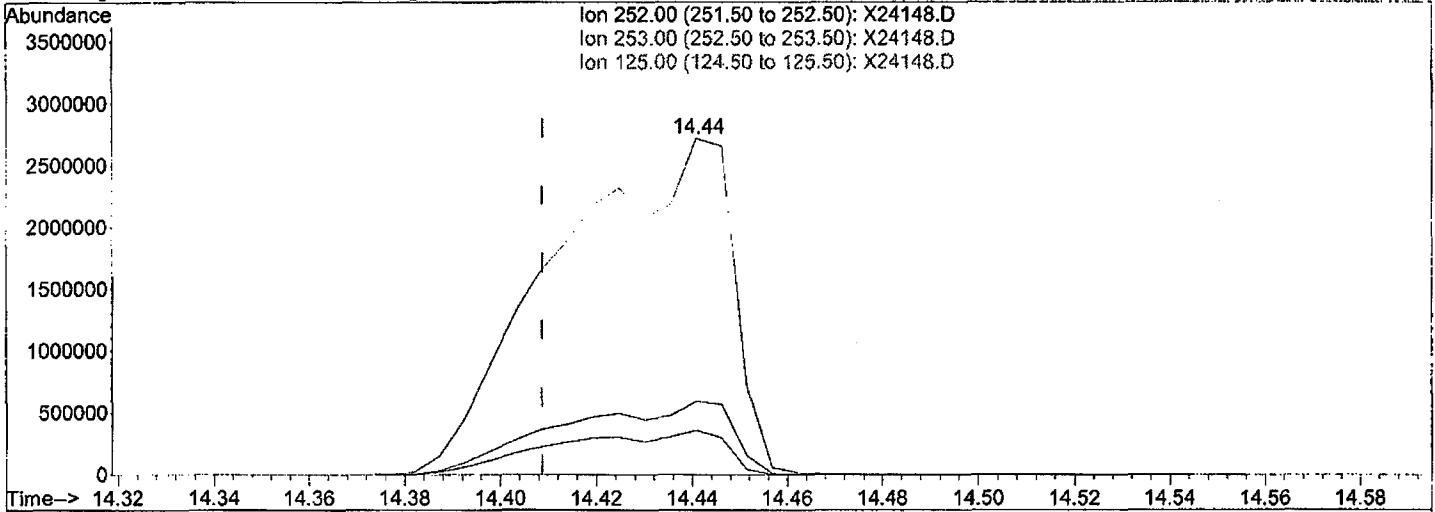
Ion	Exp%	Act%
122.00	100	100
105.00	175.00	75.60#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\060308\X24148.D
Acq On : 3 Jun 2008 10:10
Sample : SSTD120
Misc : 8270 (04/09/08)
MS Integration Params: rteint.p
Quant Time: Jun 03 10:59:10 2008

Vial: 6
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Jun 03 10:59:01 2008
Response via : Multiple Level Calibration



TIC: X24148.D

(79) C765 Benzo[b]fluoranthene (TC)

14.44min (+0.032) 192.76ng

response 6872236

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.89
125.00	11.00	13.30
0.00	0.00	0.00

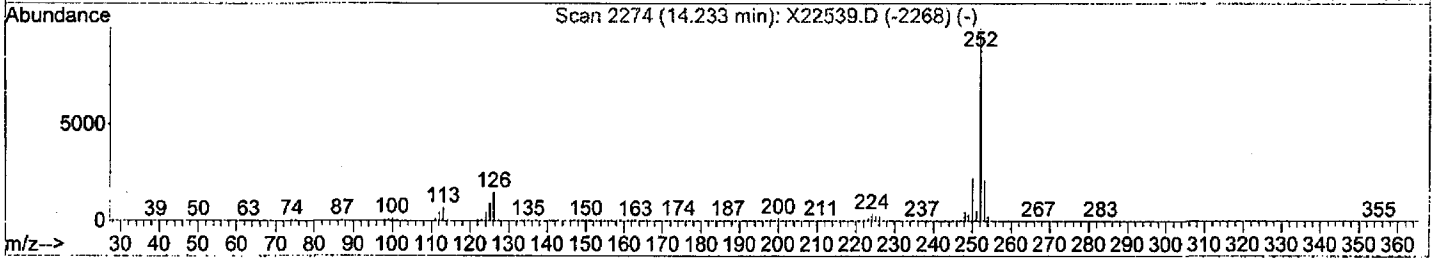
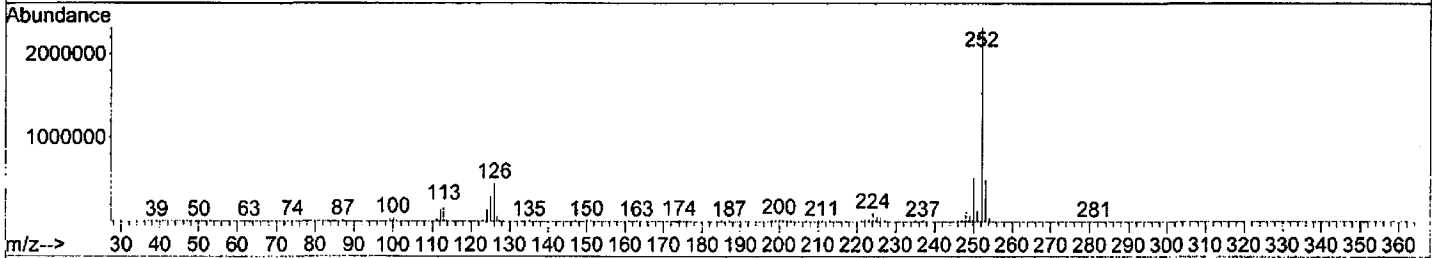
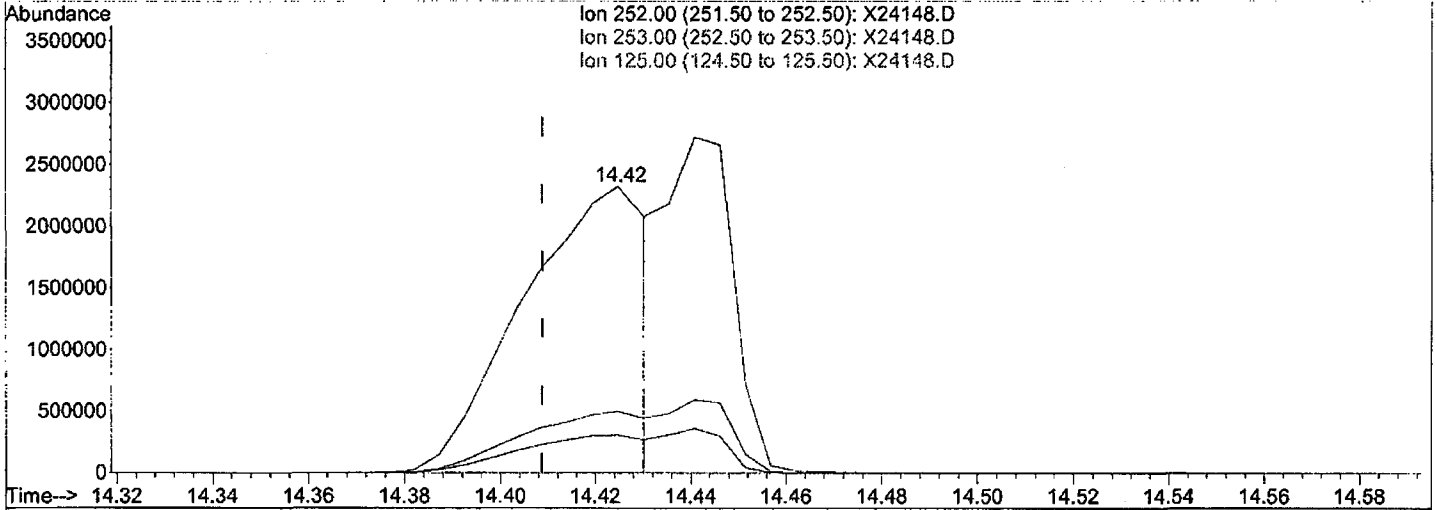
*Coelution
M/L
6/3/08
AEG 6/3/08*

Quantitation Report (Qedit)

Data File : D:\DATA\060308\X24148.D
 Acq On : 3 Jun 2008 10:10
 Sample : SSTD120
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 10:59:10 2008

Vial: 6
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 10:59:01 2008
 Response via : Multiple Level Calibration



TIC: X24148.D

(79) C765 Benzo[b]fluoranthene (TC)

14.42min (+0.016) 116.98ng m

response 4170421

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.52
125.00	11.00	13.17
0.00	0.00	0.00

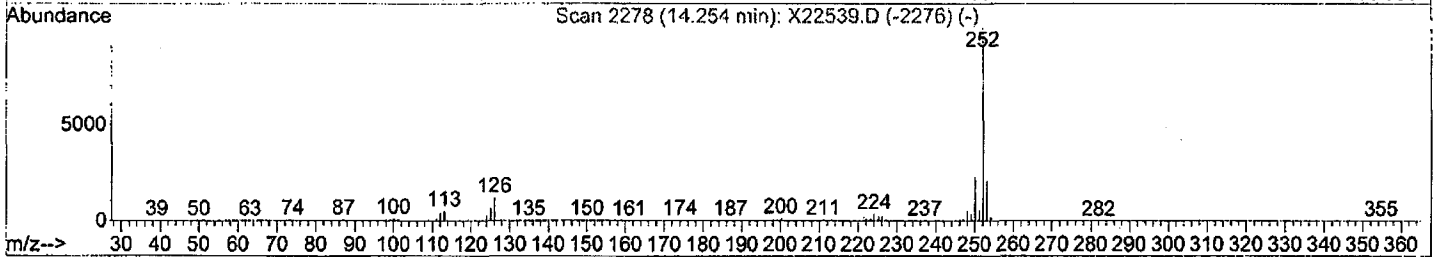
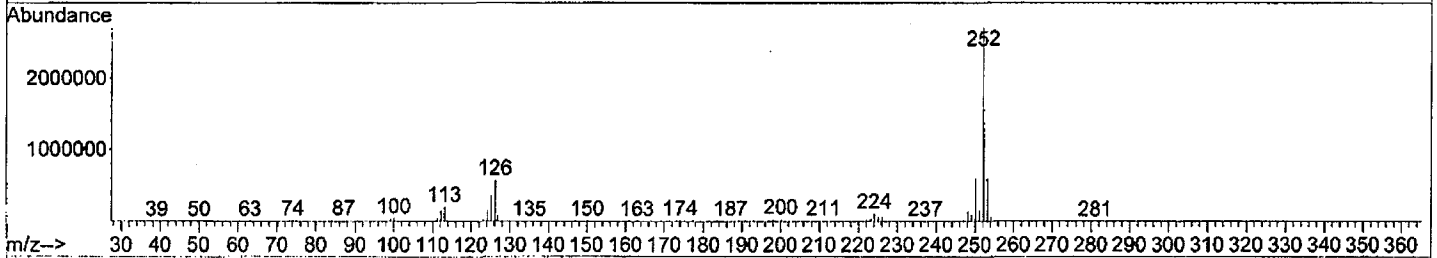
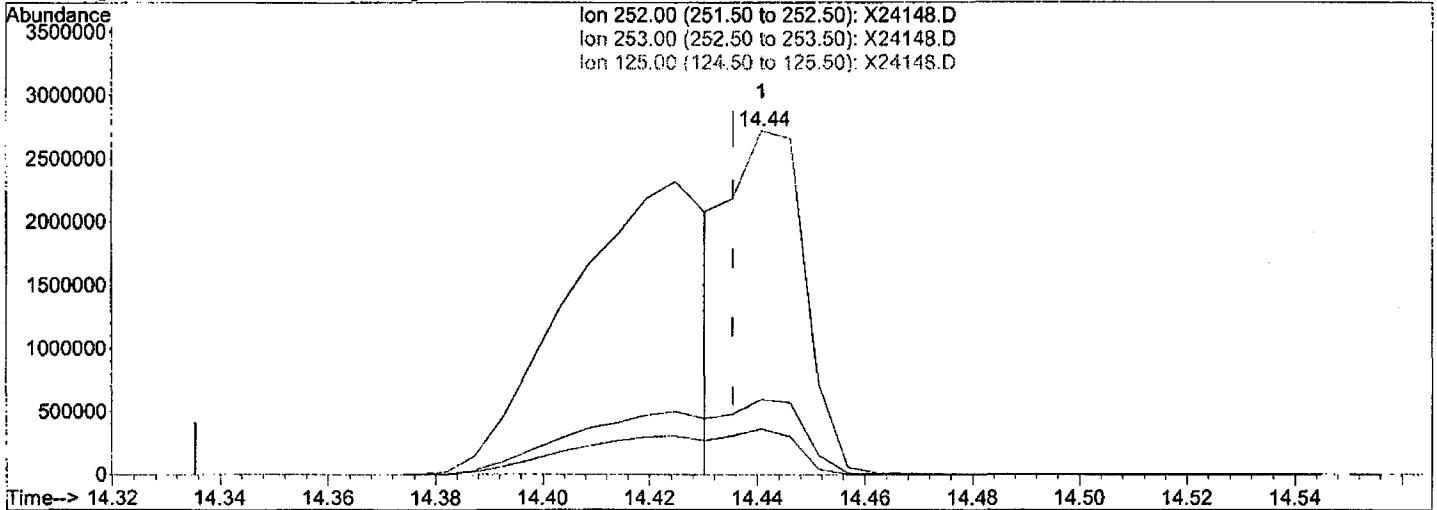
MD
2/13/08
AGT 6/13/08

Quantitation Report (Qedit)

Data File : D:\DATA\060308\X24148.D
Acq On : 3 Jun 2008 10:10
Sample : SSTD120
Misc : 8270 (04/09/08)
MS Integration Params: rteint.p
Quant Time: Jun 03 10:59:10 2008

Vial: 6
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Jun 03 10:59:01 2008
Response via : Multiple Level Calibration



TIC: X24148.D

(80) C770 Benzo[k]fluoranthene (TC)

14.44min (+0.005) 104.63ng m

response 2685912

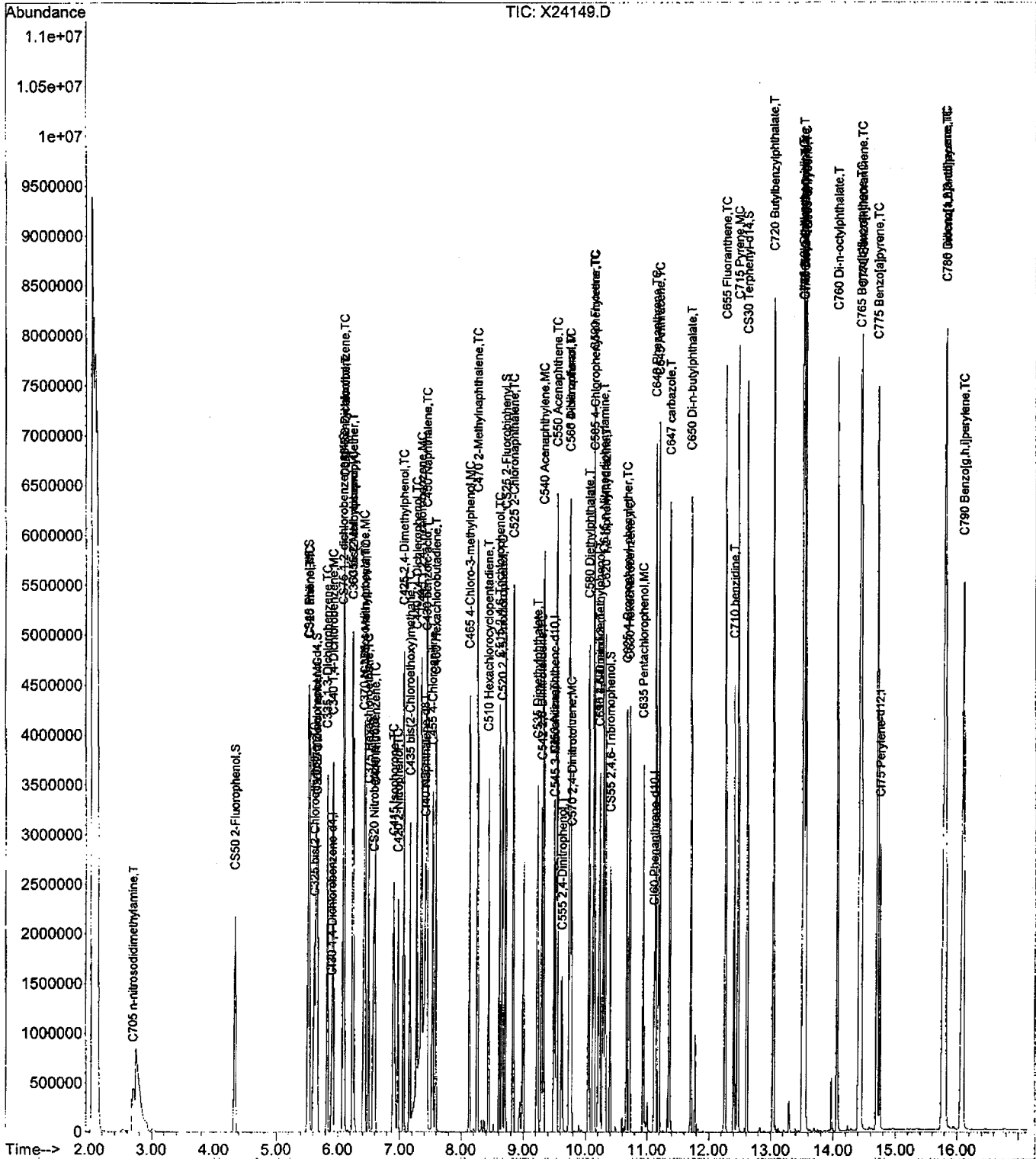
Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.89
125.00	11.50	13.30
0.00	0.00	0.00

MD
6/13/08
AEG 6/13/08

Data File : D:\DATA\060308\X24149.D
Acq On : 3 Jun 2008 10:33
Sample : SSTD160
Misc : 8270 (04/09/08)
MS Integration Params: rteint.p

Vial: 7
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jun 03 11:01:06 2008 Results File: A8I0399.RES
Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Jun 03 11:00:37 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\060308\X24149.D
 Acq On : 3 Jun 2008 10:33
 Sample : SSTD160
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 11:01:06 2008

Vial: 7
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 11:00:37 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060308\X24146.D (3 Jun 2008 9:24)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	181967	40.00	ng	0.00 111.81%
20) CI40 Naphthalene-d8	7.42	136	748724	40.00	ng	0.00 113.36%
35) CI50 Acenaphthene-d10	9.49	164	469444	40.00	ng	0.00 111.11%
56) CI60 Phenanthrene-d10	11.12	188	863345	40.00	ng	0.00 113.15%
68) CI70 Chrysene-d12	13.53	240	710863	40.00	ng	0.00 95.77%
78) CI75 Perylene-d12	14.75	264	934631	40.00	ng	0.00 119.79%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.34	112	1128049	175.28	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	116.85%#		
5) CS45 Phenol-d5	5.52	99	1412780	166.32	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	110.88%#		
6) CS70 2-chlorophenol-d4	5.65	132	1199598	172.04	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =	114.69%#		
12) CS75 1,2-dichlorobenzene-d	6.08	152	665289	156.98	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =	156.98%#		
21) CS20 Nitrobenzene-d5	6.58	82	1120824	168.25	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	168.25%#		
39) CS25 2-Fluorobiphenyl	8.71	172	2229728	150.69	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	150.69%#		
59) CS55 2,4,6-Tribromophenol	10.40	330	343465	173.59	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	115.73%		
71) CS30 Terphenyl-d14	12.61	244	2899647	167.99	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	167.99%#		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.70	74	741403	178.50	ng	83
4) C325 bis(2-Chloroethyl)eth	5.62	93	1119479	168.44	ng	# 68
7) C315 Phenol	5.54	94	1601780	162.97	ng	82
8) C330 2-Chlorophenol	5.67	128	1229843	169.05	ng	99
9) C320 aniline	5.53	93	1563583	154.15	ng	71
10) C335 1,3-Dichlorobenzene	5.83	146	1241464	161.44	ng	99
11) C340 1,4-Dichlorobenzene	5.93	146	1251202	160.65	ng	99
13) C350 1,2-Dichlorobenzene	6.10	146	1087841	149.41	ng	98
14) C345 Benzyl alcohol	6.11	108	798953	164.95	ng	# 66
15) C360 bis(2-chloroisopropyl	6.25	45	1102676	142.42	ng	49
16) C355 2-Methylphenol	6.24	108	1042266	161.44	ng	95
17) C375 Hexachloroethane	6.50	117	431364	165.50	ng	82
18) C370 N-Nitroso-di-n-propyl	6.42	70	831148	167.13	ng	# 54
19) C365 4-Methylphenol	6.44	108	1176091	166.50	ng	99
22) C410 Nitrobenzene	6.61	77	1139124	164.06	ng	76
23) C415 Isophorone	6.91	82	2309212	170.69	ng	84
24) C430 benzoic acid	7.43	122	2563954	631.13	ng	# 59
25) C420 2-Nitrophenol	6.98	139	682574	183.81	ng	# 69
26) C425 2,4-Dimethylphenol	7.07	107	1084002	159.12	ng	90
27) C435 bis(2-Chloroethoxy)me	7.17	93	1252353	163.21	ng	93
28) C440 2,4-Dichlorophenol	7.28	162	954290	161.24	ng	94

Data File : D:\DATA\060308\X24149.D
 Acq On : 3 Jun 2008 10:33
 Sample : SSTD160
 Misc : 8270 (04/09/08)

Vial: 7
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jun 03 11:01:06 2008

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 11:00:37 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060308\X24146.D (3 Jun 2008 9:24)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.35	180	963881	156.79	ng	94
30) C450 Naphthalene	7.44	128	3111833	153.78	ng	99
31) C455 4-Chloroaniline	7.54	127	1435173	161.58	ng	99
32) C460 Hexachlorobutadiene	7.59	225	509489	154.35	ng	97
33) C465 4-Chloro-3-methylphen	8.13	107	1035729	167.19	ng	90
34) C470 2-Methylnaphthalene	8.26	142	2102388	153.18	ng	98
36) C510 Hexachlorocyclopentad	8.44	237	658939	176.59	ng	95
37) C515 2,4,6-Trichlorophenol	8.62	196	689371	165.39	ng	97
38) C520 2,4,5-Trichlorophenol	8.66	196	760147	166.21	ng	99
40) C525 2-Chloronaphthalene	8.84	162	1999634	153.38	ng	98
41) C530 2-Nitroaniline	10.23	65	630851	158.90	ng	# 65
42) C540 Acenaphthylene	9.33	152	3225608	153.83	ng	98
43) C535 Dimethylphthalate	9.22	163	2545221	163.14	ng	99
44) C542 2,6-Dinitrotoluene	9.29	165	641970	175.22	ng	# 77
45) C550 Acenaphthene	9.53	153	1909092	149.17	ng	99
46) C545 3-Nitroaniline	9.50	138	749681	176.90	ng	# 75
47) C555 2,4-Dinitrophenol	9.62	184	411073	265.27	ng	# 36
48) C565 Dibenzofuran	9.74	168	2706532	142.22	ng	76
49) C570 2,4-Dinitrotoluene	9.77	165	875745	168.92	ng	92
50) C560 4-Nitrophenol	9.75	109	287260	166.34	ng	# 44
51) C590 Fluorene	10.13	166	2166747	143.72	ng	97
52) C585 4-Chlorophenyl-phenyl	10.14	204	1071506	143.41	ng	99
53) C580 Diethylphthalate	10.05	149	2321915	157.48	ng	97
54) C620 1,2-diphenylhydrazine	10.32	77	2184471	158.74	ng	71
55) C595 4-Nitroaniline	10.23	138	767760	169.20	ng	# 75
57) C610 4,6-Dinitro-2-methylp	10.23	198	514965	186.09	ng	100
58) C615 n-Nitrosodiphenylamin	10.29	169	1727380	149.57	ng	97
60) C625 4-Bromophenyl-phenyle	10.67	248	669131	153.55	ng	96
61) C630 Hexachlorobenzene	10.72	284	685583	150.91	ng	86
62) C635 Pentachlorophenol	10.94	266	491113	181.69	ng	99
63) C640 Phenanthrene	11.14	178	3297787	145.78	ng	99
64) C645 Anthracene	11.20	178	3351367	146.46	ng	100
65) C647 carbazole	11.37	167	3395995	148.33	ng	97
66) C650 Di-n-butylphthalate	11.71	149	3721203	151.89	ng	98
67) C655 Fluoranthene	12.27	202	3711896	147.03	ng	90
69) C715 Pyrene	12.47	202	3784272	167.52	ng	88
70) C710 benzidine	12.41	184	2099811	179.10	ng	100
72) C720 Butylbenzylphthalate	13.05	149	1514029	154.90	ng	# 78
73) C725 3,3'-Dichlorobenzidin	13.51	252	1417918	167.92	ng	98
74) C730 Benzo[a]anthracene	13.52	228	3358125	154.75	ng	98
75) C735 Chrysene	13.56	228	3639014	168.90	ng	99
76) C740 bis(2-Ethylhexyl)phth	13.53	149	1929323	147.57	ng	99
77) C760 Di-n-octylphthalate	14.07	149	4533881	185.78	ng	100
79) C765 Benzo[b]fluoranthene	14.43	252	6067488	183.18	ng	98
80) C770 Benzo[k]fluoranthene	14.45	252	2700730	127.65	ng	100
81) C775 Benzo[a]pyrene	14.71	252	4451473	152.03	ng	97
82) C780 Indeno[1,2,3-cd]pyren	15.82	276	5497365	158.99	ng	96
83) C785 Dibenz[a,h]anthracene	15.81	278	4535127	154.19	ng	93
84) C790 Benzo[g,h,i]perylene	16.10	276	4804881	157.96	ng	91

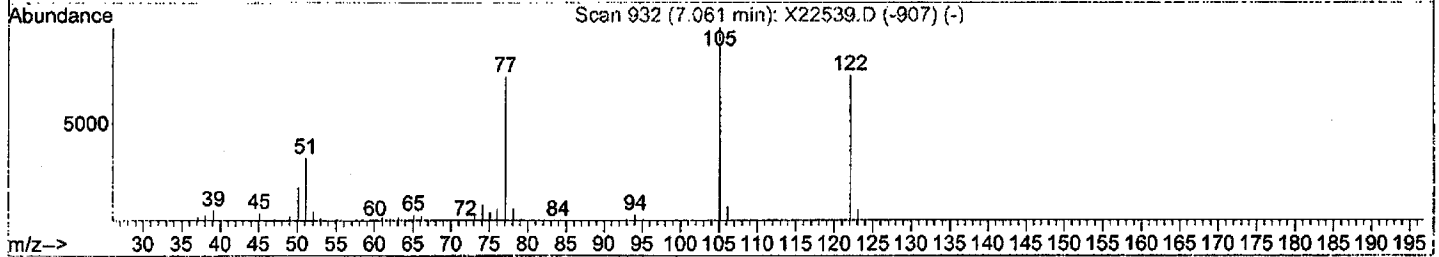
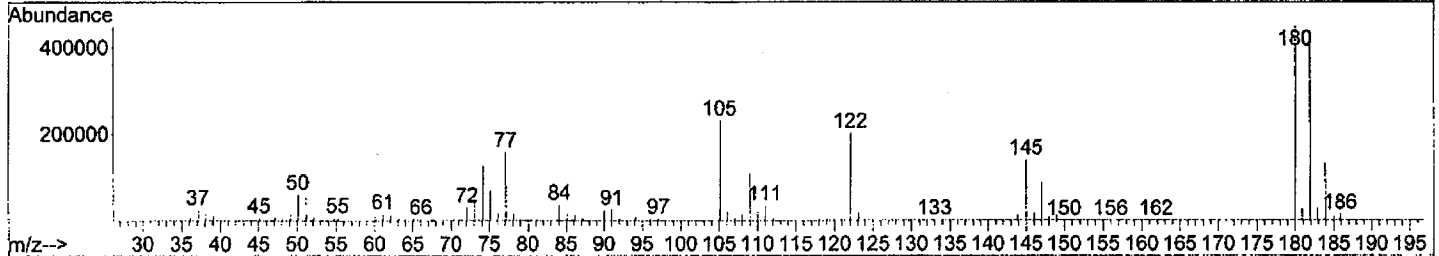
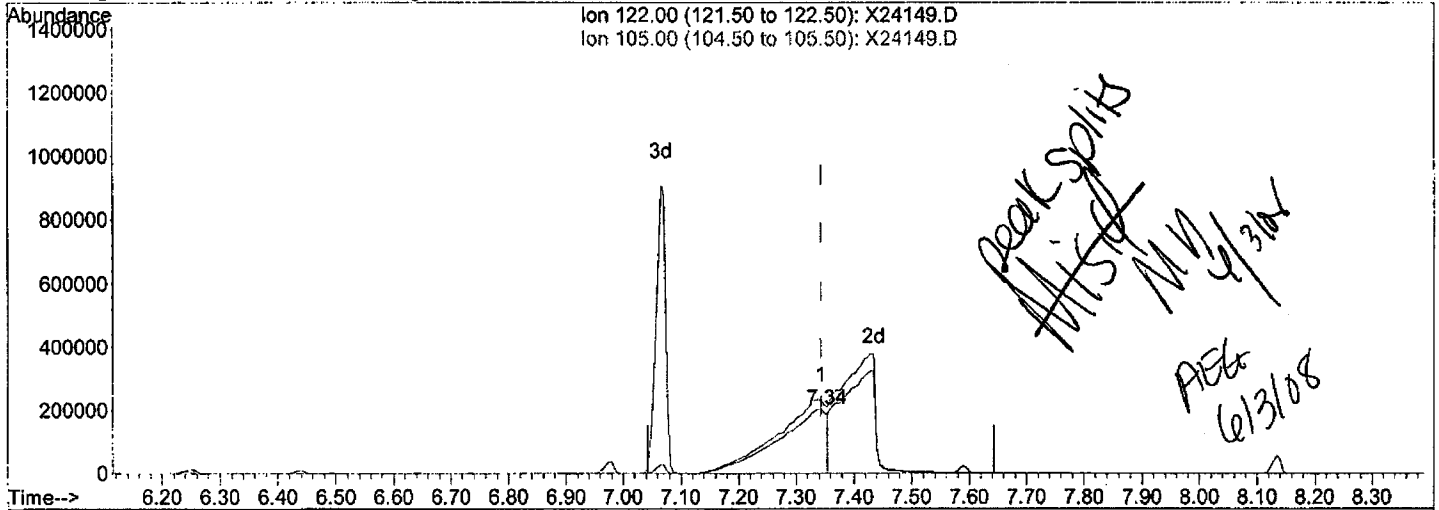
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\060308\X24149.D
 Acq On : 3 Jun 2008 10:33
 Sample : SSTD160
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 11:00:45 2008

Vial: 7
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 11:00:37 2008
 Response via : Multiple Level Calibration



TIC: X24149.D

(24) C430 benzoic acid (T)

7.34min (+0.000) 291.26ng

response 1194481

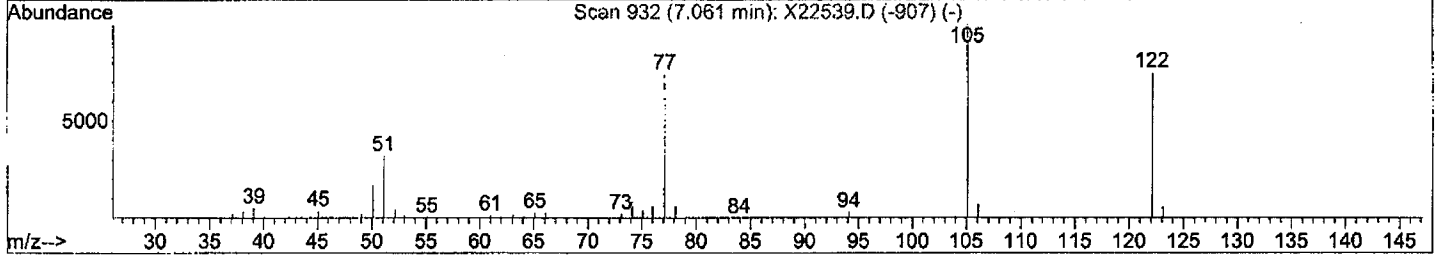
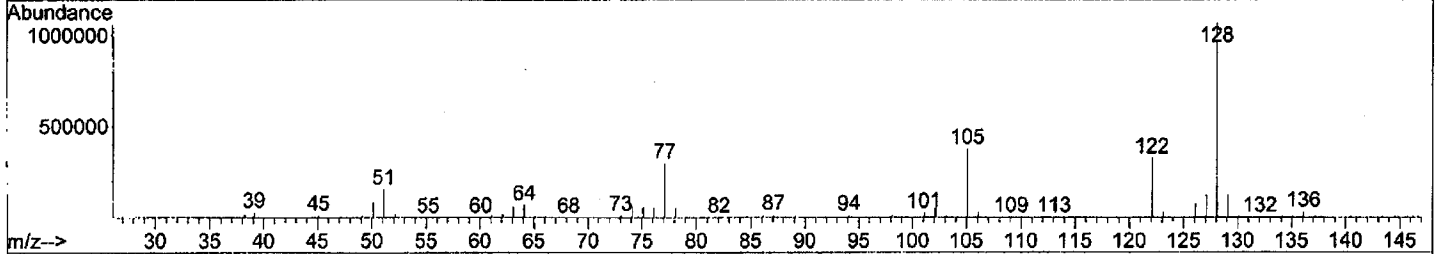
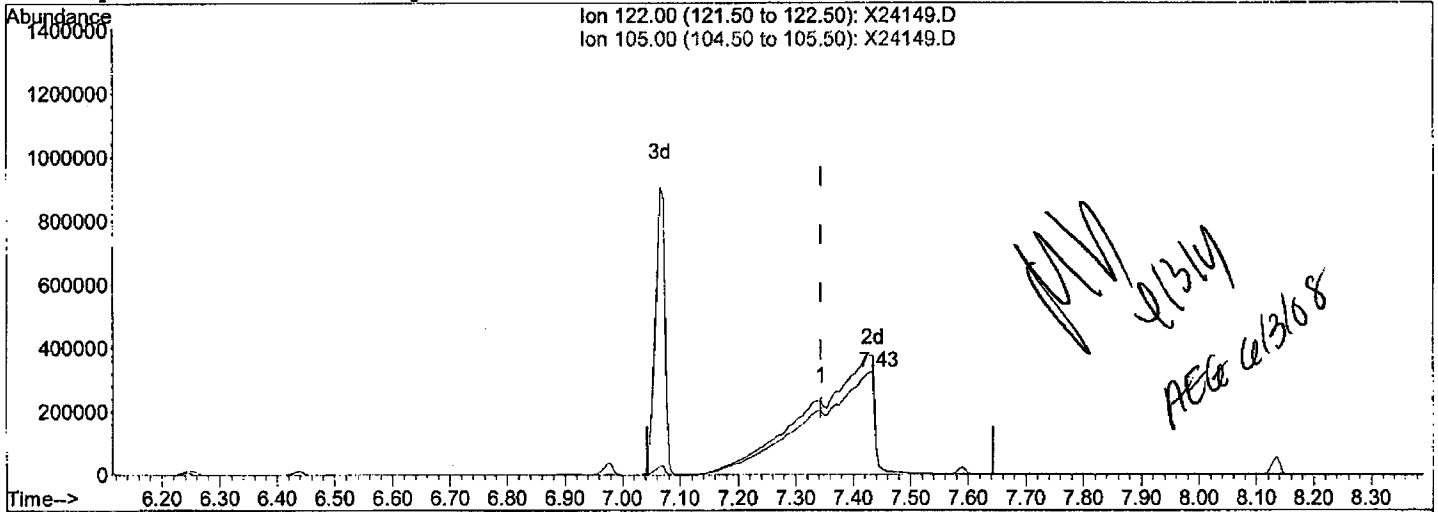
Ion	Exp%	Act%
122.00	100	100
105.00	175.00	117.77#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\060308\X24149.D
 Acq On : 3 Jun 2008 10:33
 Sample : SSTD160
 Misc : 8270 (04/09/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 11:00:45 2008

Vial: 7
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 11:00:37 2008
 Response via : Multiple Level Calibration



TIC: X24149.D

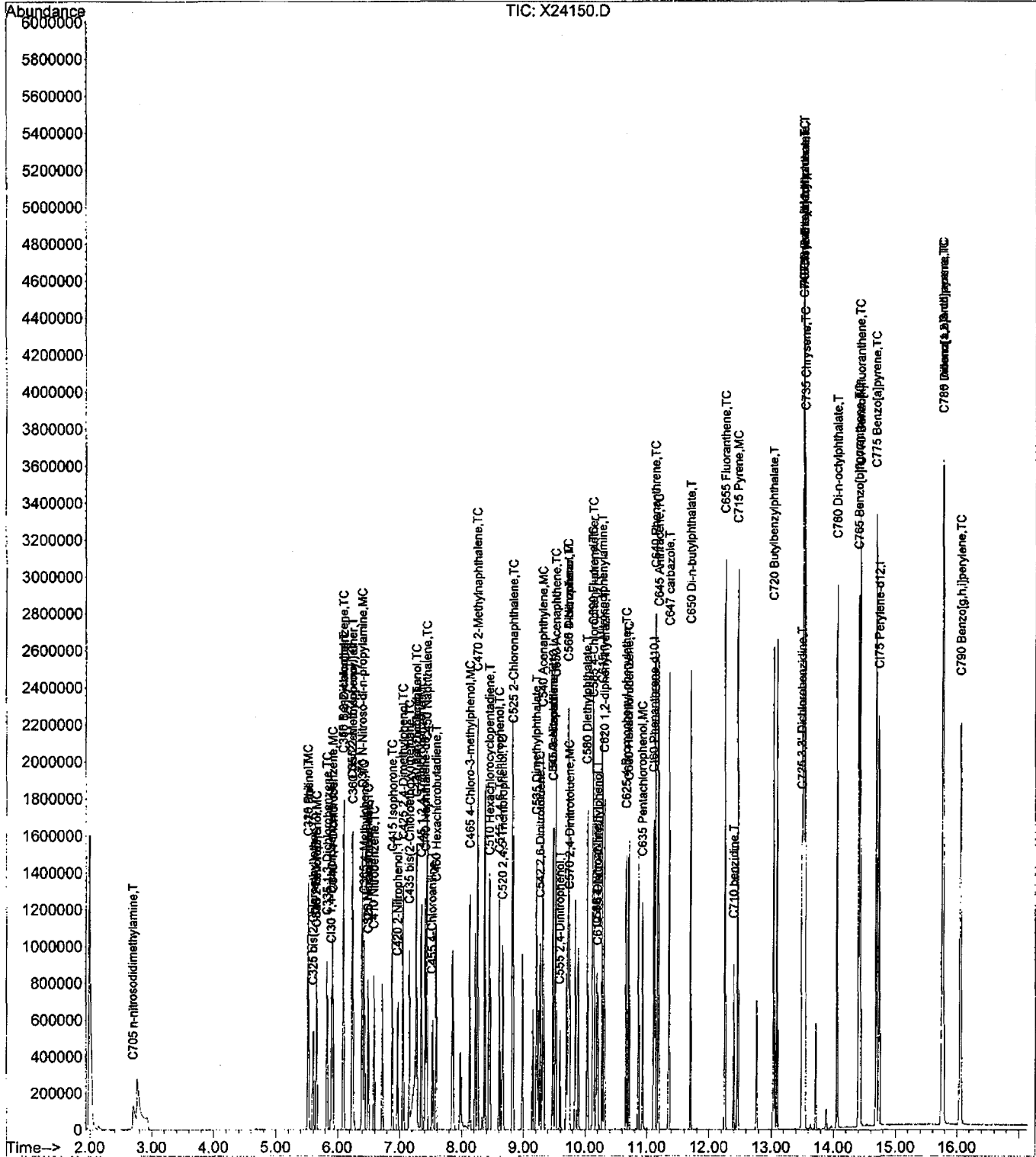
(24) C430 benzoic acid (T)
 7.43min (+0.091) 631.13ng m
 response 2563954

Ion	Exp%	Act%
122.00	100	100
105.00	175.00	54.87#
0.00	0.00	0.00
0.00	0.00	0.00

Data File : D:\DATA\060308\X24150.D
Acq On : 3 Jun 2008 10:55
Sample : CHECK050
Misc : 2ND SC (6/03/08)
MS Integration Params: rteint.p

Vial: 8
Operator: MD
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jun 03 11:12:58 2008 Results File: A8I0399.RES
Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Jun 03 11:04:59 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\060308\X24150.D
 Acq On : 3 Jun 2008 10:55
 Sample : CHECK050
 Misc : 2ND SC (6/03/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 11:12:58 2008

Vial: 8
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 11:04:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060308\X24146.D (3 Jun 2008 9:24)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.90	152	151871	40.00	ng	0.00 93.32%
20) CI40 Naphthalene-d8	7.41	136	596606	40.00	ng	0.00 90.33%
35) CI50 Acenaphthene-d10	9.49	164	344359	40.00	ng	0.00 81.51%
56) CI60 Phenanthrene-d10	11.11	188	591997	40.00	ng	0.00 77.59%
68) CI70 Chrysene-d12	13.52	240	685466	40.00	ng	0.00 92.35%
78) CI75 Perylene-d12	14.73	264	749169	40.00	ng	-0.01 96.02%

System Monitoring Compounds

3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	0.00%#
5) CS45 Phenol-d5	5.65	99	13648	1.93	ng	0.14
Spiked Amount	150.000	Range	10 - 110	Recovery	=	1.29%#
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	6.49	82	23318	4.37	ng	-0.09
Spiked Amount	100.000	Range	34 - 114	Recovery	=	4.37%#
39) CS25 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	0.00%#
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	0.00%#
71) CS30 Terphenyl-d14	0.00	244	0	0.00	ng	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.69	74	162672	46.82	ng	89
4) C325 bis(2-Chloroethyl)eth	5.60	93	252293	45.18	ng	# 69
7) C315 Phenol	5.52	94	399042	48.61	ng	96
8) C330 2-Chlorophenol	5.65	128	293958	48.23	ng	97
9) C320 aniline	5.52	93	267135	32.16	ng	# 51
10) C335 1,3-Dichlorobenzene	5.83	146	311604	48.46	ng	98
11) C340 1,4-Dichlorobenzene	5.92	146	312498	47.98	ng	98
13) C350 1,2-Dichlorobenzene	6.10	146	298046	49.40	ng	96
14) C345 Benzyl alcohol	6.09	108	202675	50.16	ng	# 73
15) C360 bis(2-chloroisopropyl	6.25	45	308598	48.41	ng	49
16) C355 2-Methylphenol	6.24	108	278511	52.01	ng	97
17) C375 Hexachloroethane	6.49	117	108092	49.48	ng	88
18) C370 N-Nitroso-di-n-propyl	6.40	70	201433	48.31	ng	# 56
19) C365 4-Methylphenol	6.43	108	297339	50.33	ng	90
22) C410 Nitrobenzene	6.59	77	278132	49.99	ng	82
23) C415 Isophorone	6.88	82	524892	48.35	ng	86
24) C430 benzoic acid	7.27	122	415877	114.40	ng	# 60
25) C420 2-Nitrophenol	6.97	139	158866	53.08	ng	# 74
26) C425 2,4-Dimethylphenol	7.05	107	292588	54.29	ng	91
27) C435 bis(2-Chloroethoxy)me	7.16	93	302646	49.29	ng	93
28) C440 2,4-Dichlorophenol	7.27	162	251302	53.32	ng	91

Data File : D:\DATA\060308\X24150.D
 Acq On : 3 Jun 2008 10:55
 Sample : CHECK050
 Misc : 2ND SC (6/03/08)
 MS Integration Params: rteint.p
 Quant Time: Jun 03 11:12:58 2008

Vial: 8
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Jun 03 11:04:59 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\060308\X24146.D (3 Jun 2008 9:24)

Internal Standards	R.T.	QI	Ion	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.35	180		251734	51.18	ng		93
30) C450 Naphthalene	7.44	128		889741	55.10	ng		99
31) C455 4-Chloroaniline	7.53	127		198865	28.22	ng		99
32) C460 Hexachlorobutadiene	7.59	225		135009	51.29	ng		97
33) C465 4-Chloro-3-methylphen	8.13	107		266534	53.73	ng		89
34) C470 2-Methylnaphthalene	8.26	142		644722	58.87	ng		99
36) C510 Hexachlorocyclopentad	8.44	237		147580	54.11	ng		94
37) C515 2,4,6-Trichlorophenol	8.60	196		181518	59.13	ng		96
38) C520 2,4,5-Trichlorophenol	8.66	196		203158	60.19	ng		100
40) C525 2-Chloronaphthalene	8.83	162		565363	59.33	ng		98
41) C530 2-Nitroaniline	10.19	65		162898	56.12	ng	#	77
42) C540 Acenaphthylene	9.32	152		938130	61.07	ng		98
43) C535 Dimethylphthalate	9.21	163		636751	55.61	ng		99
44) C542 2,6-Dinitrotoluene	9.27	165		157405	58.54	ng		81
45) C550 Acenaphthene	9.52	153		506667	54.04	ng		98
46) C545 3-Nitroaniline	9.48	138		96973	31.13	ng	#	79
47) C555 2,4-Dinitrophenol	9.59	184		89469	56.65	ng	#	40
48) C565 Dibenzofuran	9.73	168		786586	56.88	ng		88
49) C570 2,4-Dinitrotoluene	9.75	165		231708	60.89	ng		92
50) C560 4-Nitrophenol	9.72	109		78079	61.52	ng	#	33
51) C590 Fluorene	10.12	166		688535	62.38	ng		97
52) C585 4-Chlorophenyl-phenyl	10.13	204		329951	60.21	ng		96
53) C580 Diethylphthalate	10.03	149		622940	57.54	ng		96
54) C620 1,2-diphenylhydrazine	10.31	77		607528	59.36	ng		73
55) C595 4-Nitroaniline	10.19	138		177725	53.74	ng		81
57) C610 4,6-Dinitro-2-methylp	10.20	198		135316	67.25	ng		100
58) C615 n-Nitrosodiphenylamin	10.28	169		596746	75.43	ng		95
60) C625 4-Bromophenyl-phenyle	10.66	248		183530	61.36	ng		95
61) C630 Hexachlorobenzene	10.71	284		196006	62.93	ng		87
62) C635 Pentachlorophenol	10.93	266		144622	72.63	ng		99
63) C640 Phenanthrene	11.13	178		983288	63.40	ng		99
64) C645 Anthracene	11.19	178		982464	62.78	ng		99
65) C647 carbazole	11.36	167		968117	61.72	ng		97
66) C650 Di-n-butylphthalate	11.70	149		1057400	63.01	ng		99
67) C655 Fluoranthene	12.26	202		1118764	64.70	ng		93
69) C715 Pyrene	12.46	202		1153189	52.04	ng		90
70) C710 benzidine	12.40	184		341274	30.10	ng		99
72) C720 Butylbenzylphthalate	13.04	149		546979	57.61	ng		89
73) C725 3,3'-Dichlorobenzidin	13.49	252		275224	33.60	ng		99
74) C730 Benzo[a]anthracene	13.51	228		1204864	56.76	ng		100
75) C735 Chrysene	13.54	228		1115897	52.90	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.52	149		736188	57.38	ng		93
77) C760 Di-n-octylphthalate	14.06	149		1266611	49.33	ng		99
79) C765 Benzo[b]fluoranthene	14.40	252		1237908	46.15	ng		97
80) C770 Benzo[k]fluoranthene	14.43	252		1248086	52.65	ng		100
81) C775 Benzo[a]pyrene	14.69	252		1363605	57.92	ng		95
82) C780 Indeno[1,2,3-cd]pyren	15.76	276		1464502	52.54	ng		87
83) C785 Dibenz[a,h]anthracene	15.77	278		1252091	52.92	ng		90
84) C790 Benzo[g,h,i]perylene	16.06	276		1365199	55.76	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000536-1

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No: 7595

Intrument ID: HP5973X Calibration Dates(s): 07/16/2008 07/16/2008

Calibration Times: 12:36 14:50

Lab File ID: RRF5 = X24968.RR RRF20 = X24969.RR RRF50 = X24970.RR
 RRF80 = X24971.RR RRF120 = X24972.RR RRF160 = X24973.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Caprolactam	0.062	0.090	0.099	0.114	0.104	0.117	0.0980	20.500
Atrazine	0.206	0.213	0.228	0.238	0.243	0.247	0.2290	7.200
Acetophenone	2.091	1.975	1.979	2.002	1.923	1.923	1.9820	3.100
Biphenyl	1.823	1.759	1.779	1.775	1.825	1.695	1.7760	2.700
Benzaldehyde	1.692	1.585	1.584	1.556	1.494	1.450	1.5600	5.400

Comments:

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\TCLADDS\
 Method File : A8I0536.M
 Title : OLM4.0 ADDS
 Last Update : Thu Jul 17 09:17:47 2008
 Response Via : Initial Calibration

T-2080
I-0536

Calibration Files

5 =X24968.D 20 =X24969.D 50 =X24970.D
 80 =X24971.D 120 =X24972.D 160 =X24973.D

Compound	5	20	50	80	120	160	Avg	%RSD
1) I CI30 1,4-Dichlorobenz	-----ISTD-----							
2) TC E600 Benzaldehyde	1.692	1.585	1.584	1.556	1.494	1.450	1.560	5.37#
3) E145 Acetophenone	2.091	1.975	1.978	2.002	1.923	1.923	1.982	3.14
4) I CI40 Naphthalene-d8	-----ISTD-----							
5) E655 Caprolactam	0.062	0.090	0.099	0.114	0.104	0.117		
							L M= 0.115 R=0.988	
							B= -0.007	
6) E195 1,2,4,5-Tetrac	0.348	0.329	0.328	0.330	0.329	0.327	0.332	2.36
7) I CI50 Acenaphthene-d8	-----ISTD-----							
8) C811 1,1'-Biphenyl	1.823	1.759	1.779	1.775	1.825	1.695	1.776	2.70
9) E230 2,3,4,6-Tetrac	0.236	0.290	0.309	0.339	0.335	0.346	0.309	13.43
10) I CI60 Phenanthrene-d10	-----ISTD-----							
11) E510 Atrazine	0.206	0.213	0.228	0.238	0.243	0.247	0.229	7.18
12) I CI70 Chrysene-d12	-----ISTD-----							
13) I CI75 Perylene-d12	-----ISTD-----							
Total Average %RSD							5.70	

Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

A8I0536.M Thu Jul 17 09:18:00 2008

Date: 08/06/2008

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ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG

Fraction: MB

No of Points: 6

Default Min. RRF: 0.0500

QC Approver: PM

CCC Conc: 50.00

QC Date: 02/20/2008

Comments:

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2 Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2 Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4 Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8 2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1 1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7 1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6 Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1 1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7 2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1 2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP 3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4 Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8 Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0 2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0 Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2 Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9 Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644 3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1 a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5 Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0 p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1 9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1 1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0 (z)-9-octadecenamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7 N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1 1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1 Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3 Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1 Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5 2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9 2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0 Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1 Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2 2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1 1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3 Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8 4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3 Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7 4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6 2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4 Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2 2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4 2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7 2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4 2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
310	131-11-3 Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8 Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2 2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2 3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9 Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5 2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7 4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9 Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2 2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2 Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3 4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7 Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6 4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1 4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6 N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3 4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1 Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5 Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8 Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7 Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2 Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0 Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0 Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7 Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1 3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3 Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9 Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7 Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0 Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2 Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9 Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8 Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5 Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3 Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2 Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0 Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8 2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0 p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4 Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2 Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4 2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6 2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7 1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9 Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9 Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2 Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0 Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8 Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13 Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2 1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6 1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3 1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzdine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylphthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008

ICC Profile

Page: 5

Time: 15:12:49

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892 60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893 99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894 56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895 608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896 82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897 62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898 122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899 101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900 298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901 85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902 23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903 110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904 108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905 94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906 03689-24-5	Sulfotep	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907 CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908 297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909 1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910 78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911 115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912 98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913 94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914 2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915 611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916 102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917 620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918 104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919 98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920 106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921 371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922 100-22-1	p-Phenylenediamine, tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923 106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924 126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925 74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926 2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927 140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928 52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929 109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930 C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931 127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932 100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933 1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934 126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940 112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990 95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991 86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993 933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994 109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995 545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996 50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997 DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008
Time: 15:12:49

ICC Profile

Page: 6
Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

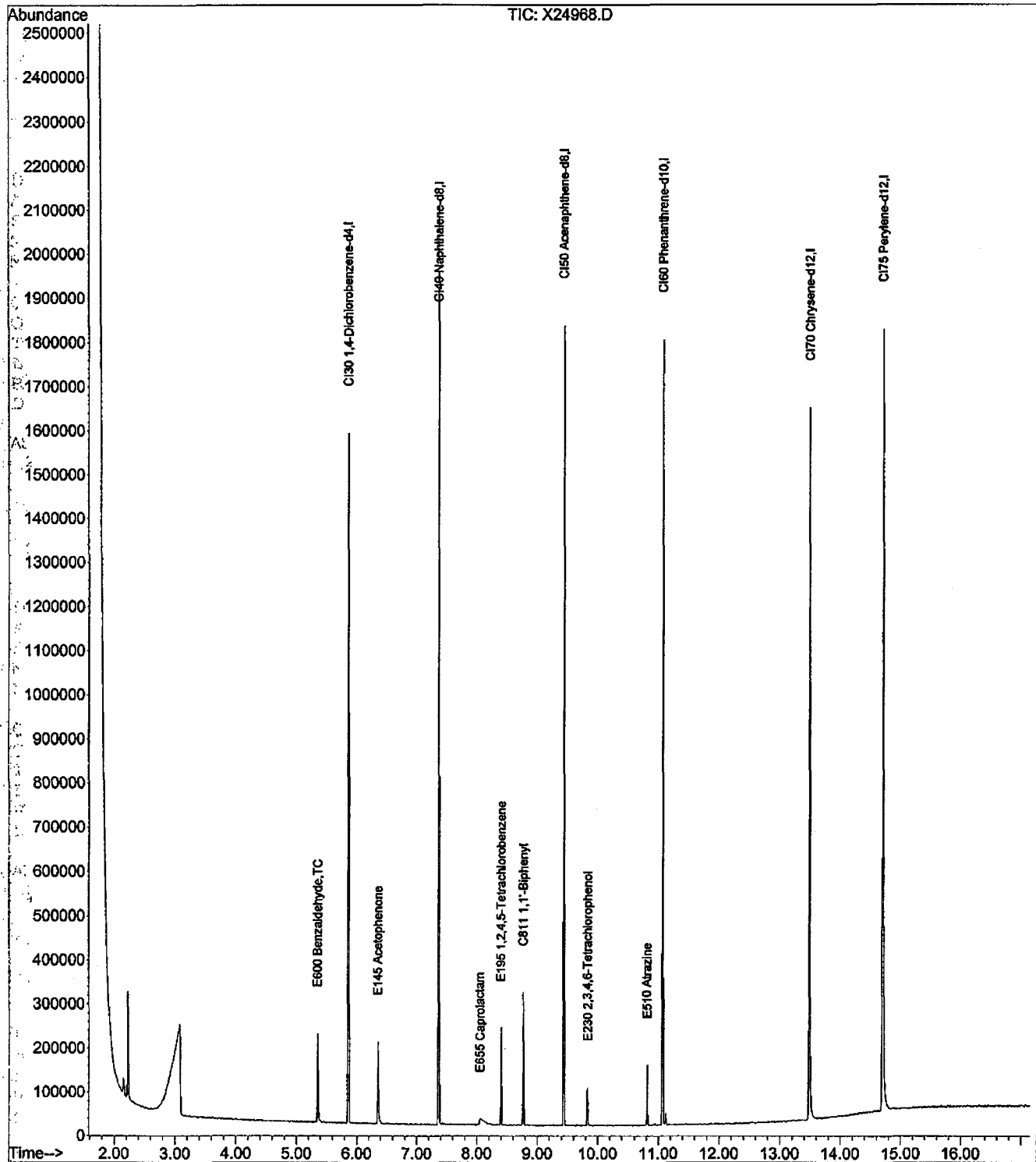
Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
998	100-52-7 Benzaldehyde	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
999	TOTALPAH Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24968.D
Acq On : 16 Jul 2008 12:36
Sample : SSTD005
Misc : TCLADDS (05/27/08)
MS Integration Params: rteint.p

Vial: 9
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 17 09:11:41 2008 Results File: A8I0536.RES
Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:04:23 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24968.D
 Acq On : 16 Jul 2008 12:36
 Sample : SSTD005
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:11:41 2008

Vial: 9
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	211482	40.00	ng	-0.19 119.35%
4) CI40 Naphthalene-d8	7.37	136	772121	40.00	ng	-0.18 113.01%
7) CI50 Acenaphthene-d8	9.44	164	368093	40.00	ng	-0.17 90.42%
10) CI60 Phenanthrene-d10	11.07	188	519884	40.00	ng	-0.15 70.47%
12) CI70 Chrysene-d12	13.49	240	575606	40.00	ng	-0.13 75.35%
13) CI75 Perylene-d12	14.69	264	695620	40.00	ng	-0.17 89.90%
						Qvalue
2) E600 Benzaldehyde	5.35	77	44729	7.13	ng	86
3) E145 Acetophenone	6.36	105	55276	5.65	ng	76
5) E655 Caprolactam	8.05	113	5994m	2.51	ng	# 46
6) E195 1,2,4,5-Tetrachlorobe	8.40	216	33547	5.60	ng	98
8) C811 1,1'-Biphenyl	8.77	154	83899	6.48	ng	94
9) E230 2,3,4,6-Tetrachloroph	9.83	232	10850	5.43	ng	# 100
11) E510 Atrazine	10.82	200	13412	5.06	ng	90

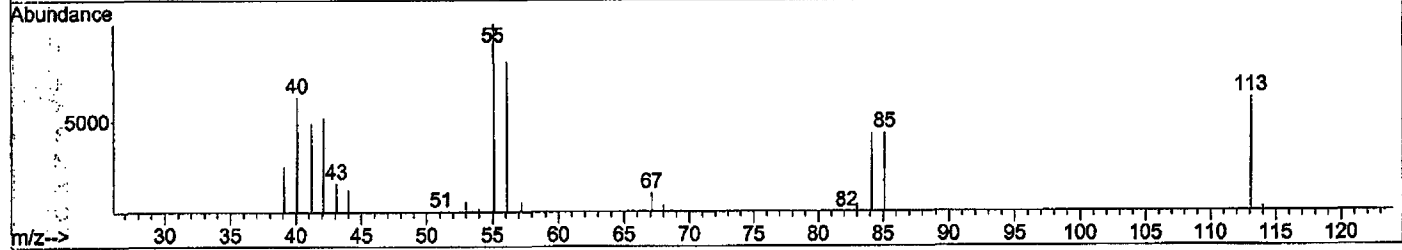
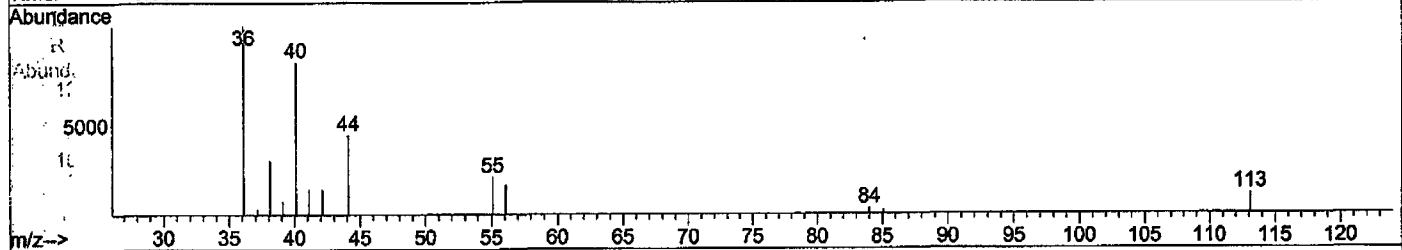
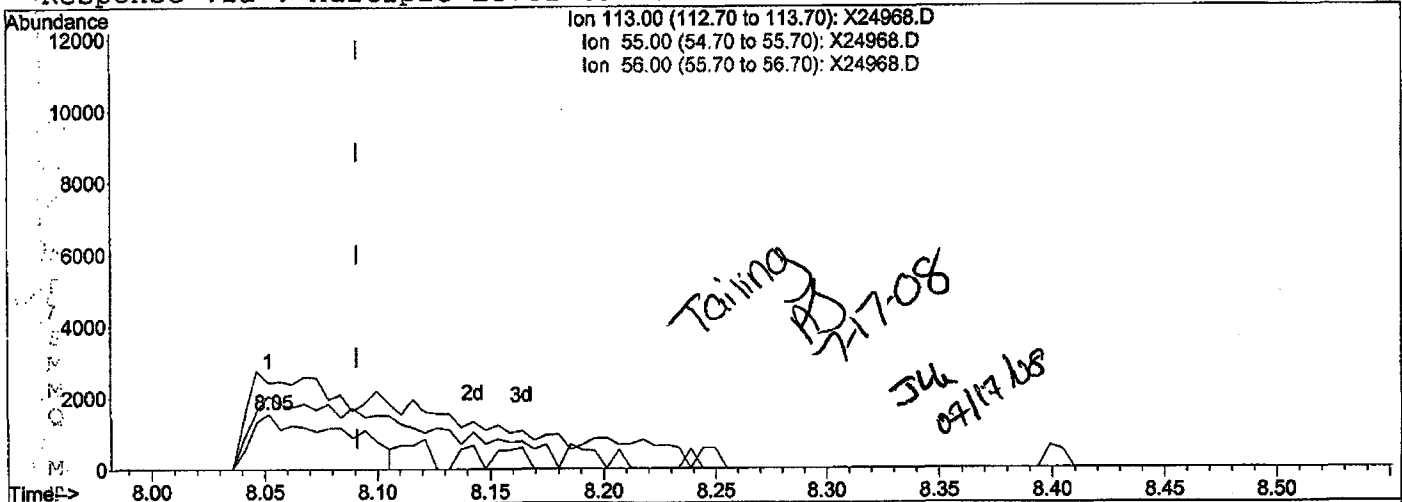
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\071608\X24968.D
 Acq On : 16 Jul 2008 12:36
 Sample : SST005
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:11:07 2008

Vial: 9
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Multiple Level Calibration



TIC: X24968.D

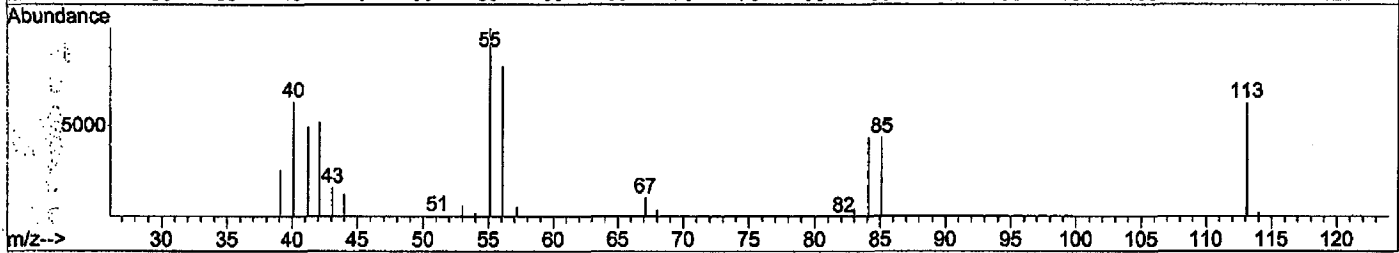
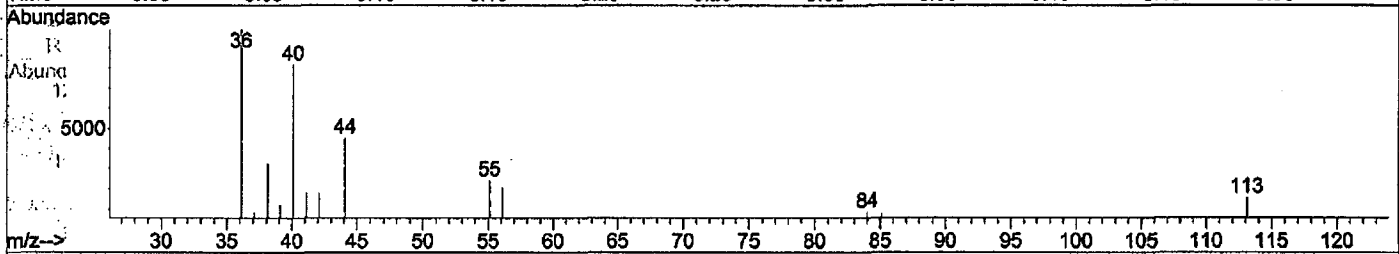
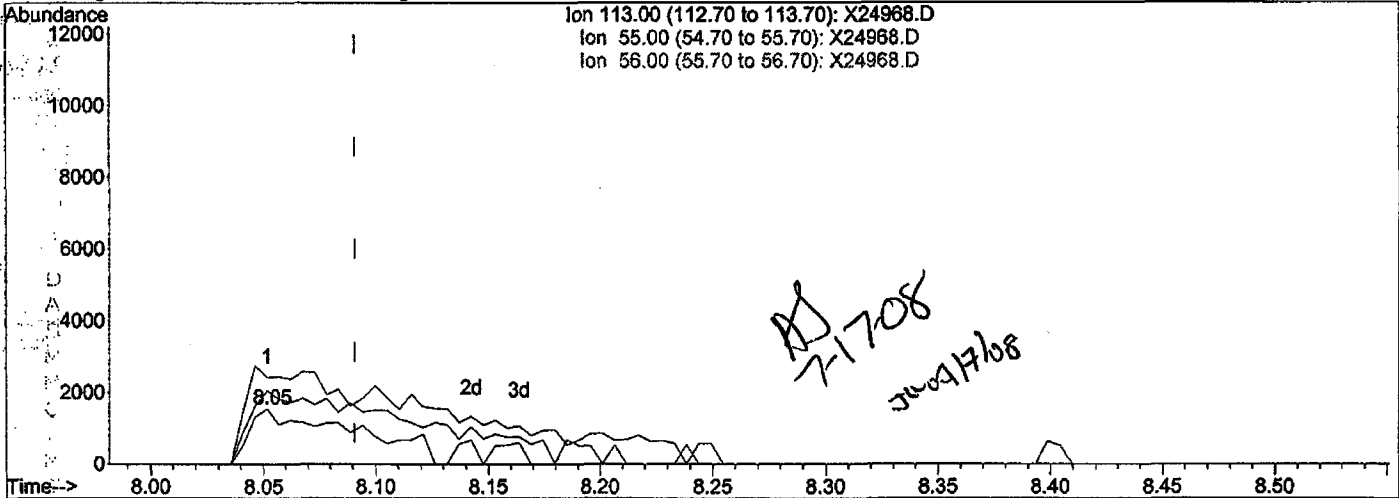
Time	Abund	Ion	Exp%	Act%
(5) E655 Caprolactam				
8.05min (-0.039)	1.83ng			
response	4367			
Ion	Exp%	Act%		
113.00	100	100		
55.00	90.90	156.12#		
56.00	94.00	132.47#		
0.00	0.00	0.00		

Quantitation Report (Qedit)

Data File : D:\DATA\071608\X24968.D
 Acq On : 16 Jul 2008 12:36
 Sample : SST005
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:11:07 2008

Vial: 9
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Multiple Level Calibration



TIC: X24968.D

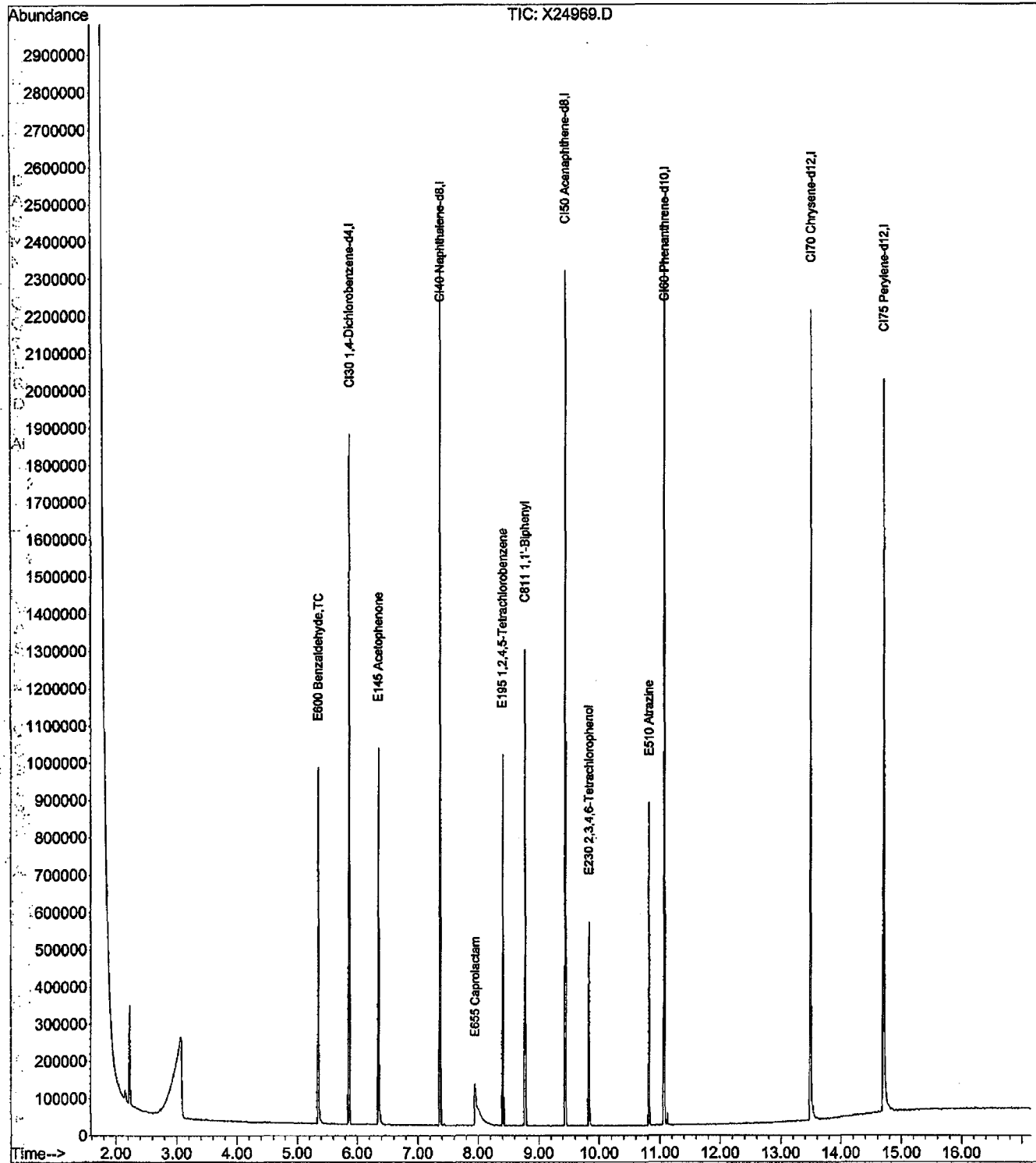
Time	Abund
(5) E655 Caprolactam	
8.05min (-0.039)	2.51ng m
response	5994
Ion	Exp% Act%
113.00	100 100
55.00	90.90 156.12#
56.00	94.00 132.47#
0.00	0.00 0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24969.D
Acq On : 16 Jul 2008 13:19
Sample : SST020
Misc : TCLADDS (05/27/08)
MS Integration Params: rteint.p

Vial: 10
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 17 09:12:18 2008 Results File: A8I0536.RES
Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:04:23 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24969.D
 Acq On : 16 Jul 2008 13:19
 Sample : SSTD020
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:12:18 2008

Vial: 10
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	257469	40.00	ng	-0.19 145.30%
4) CI40 Naphthalene-d8	7.37	136	931258	40.00	ng	-0.18 136.31%
7) CI50 Acenaphthene-d8	9.44	164	440451	40.00	ng	-0.17 108.19%
10) CI60 Phenanthrene-d10	11.07	188	645210	40.00	ng	-0.15 87.45%
12) CI70 Chrysene-d12	13.49	240	692294	40.00	ng	-0.13 90.63%
13) CI75 Perylene-d12	14.70	264	818499	40.00	ng	-0.16 105.78%
						Qvalue
2) E600 Benzaldehyde	5.35	77	204014	26.73	ng	88
3) E145 Acetophenone	6.35	105	254211	21.35	ng	82
5) E655 Caprolactam	7.95	113	42113m	14.65	ng	# 16
6) E195 1,2,4,5-Tetrachlorobe	8.40	216	153110	21.21	ng	98
8) C811 1,1'-Biphenyl	8.77	154	387297	25.01	ng	95
9) E230 2,3,4,6-Tetrachloroph	9.83	232	63960	26.75	ng	# 100
11) E510 Atrazine	10.82	200	68673	20.86	ng	93

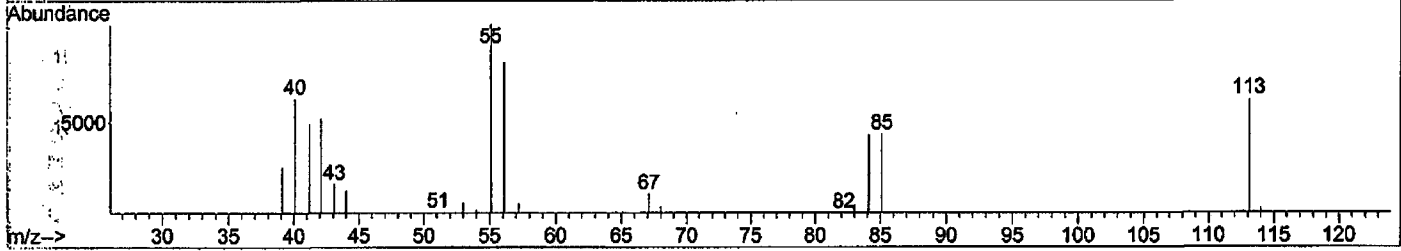
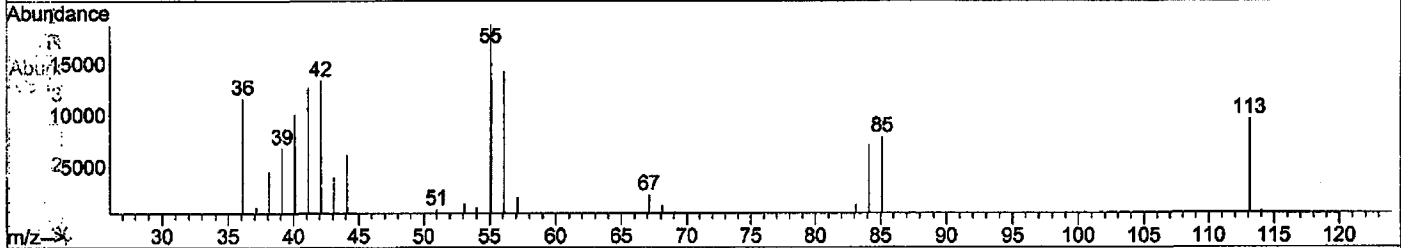
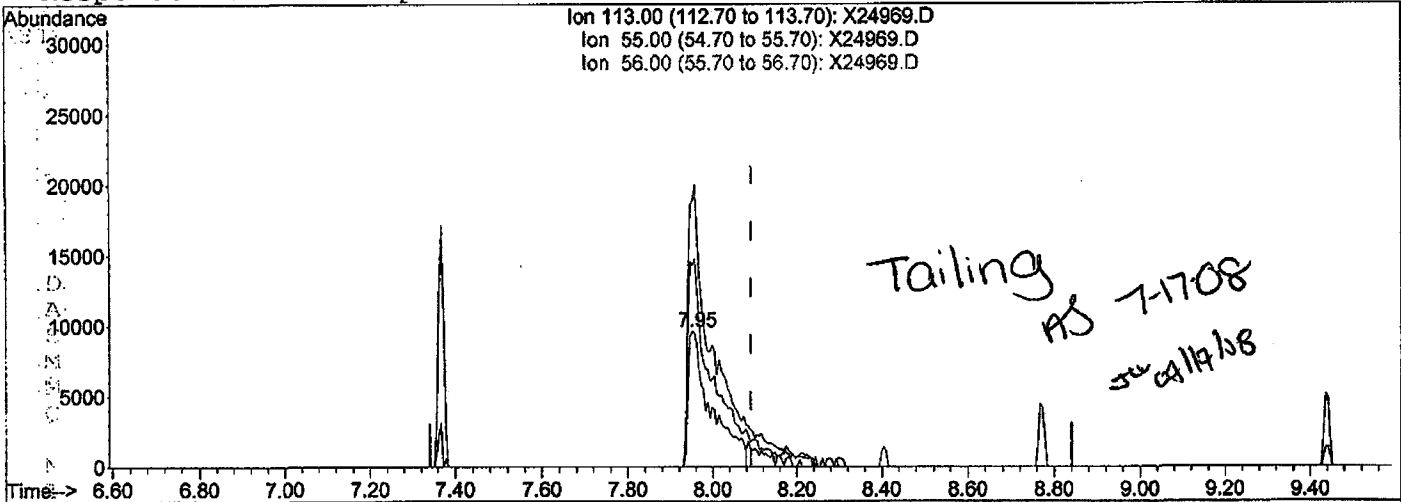
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\071608\X24969.D
 Acq On : 16 Jul 2008 13:19
 Sample : SSTD020
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:12:02 2008

Vial: 10
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Multiple Level Calibration



TIC: X24969.D

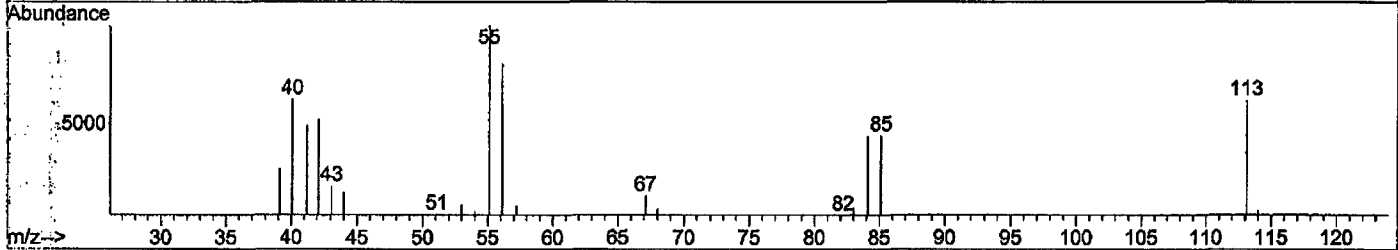
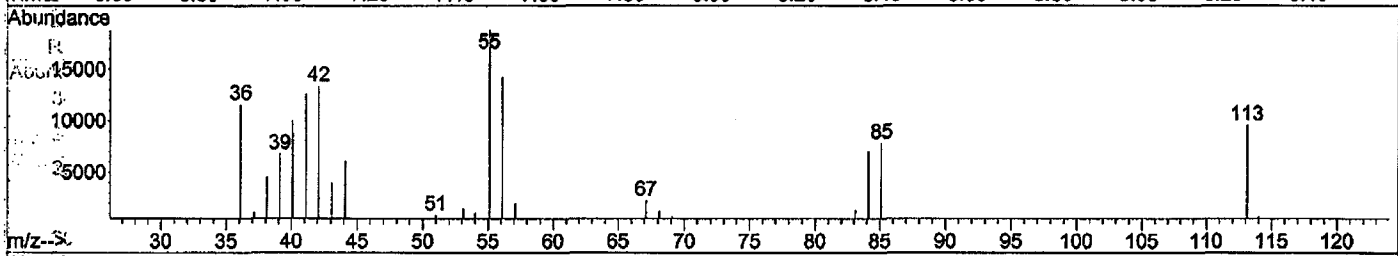
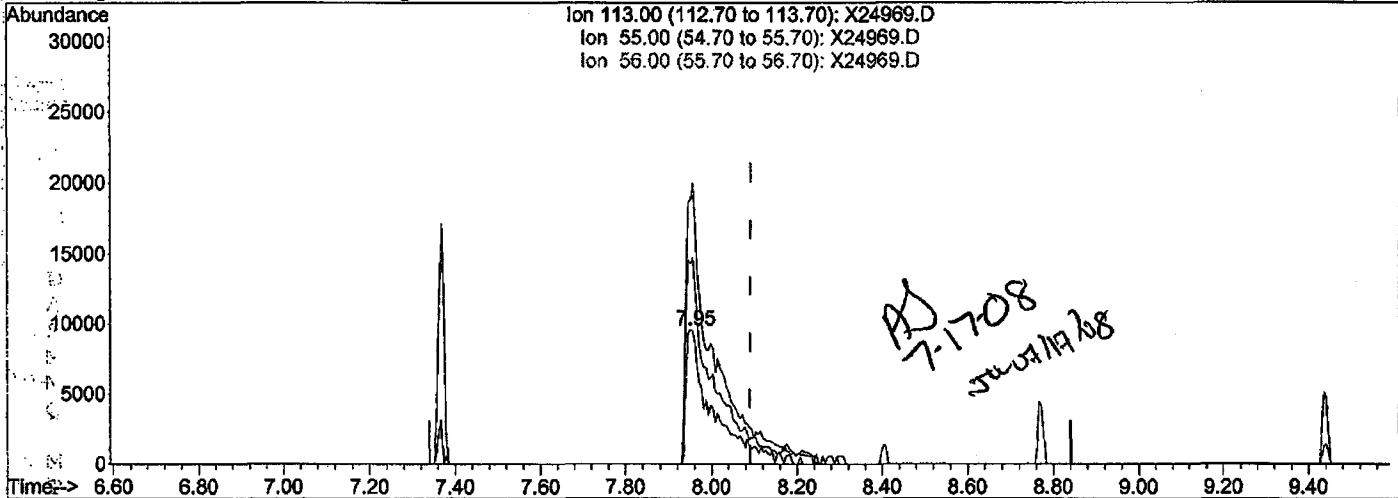
(5) E655 Caprolactam		
7.95min (-0.141) 12.77ng		
response 36726		
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	196.72#
56.00	94.00	149.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\071608\X24969.D
 Acq On : 16 Jul 2008 13:19
 Sample : SST020
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:12:02 2008

Vial: 10
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A810536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Multiple Level Calibration



TIC: X24969.D

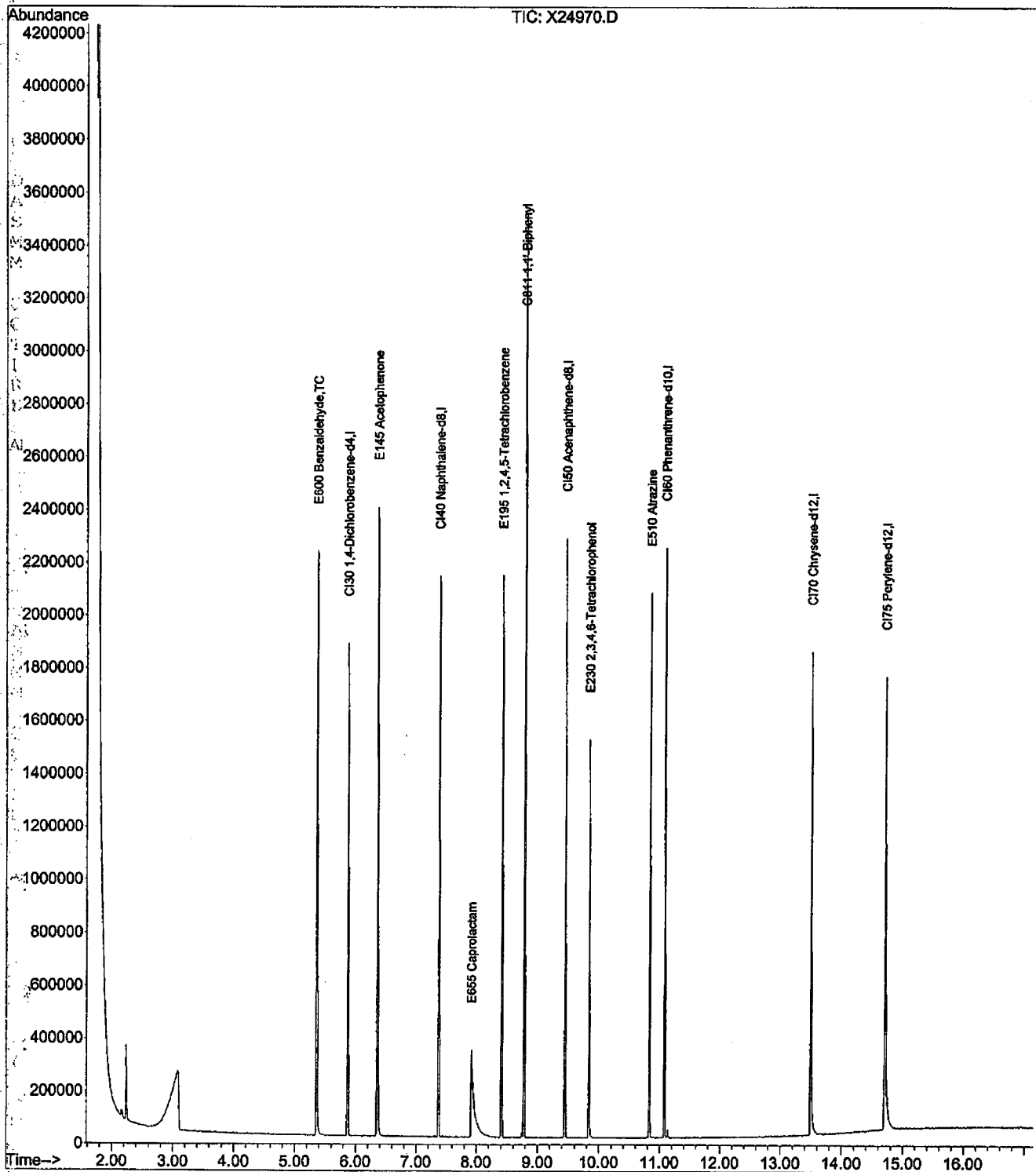
Time	Abund	Response	Ion	Exp%	Act%
(5) E655 Caprolactam					
7.95min (-0.141)	14.65ng m	42113			
			113.00	100	100
			55.00	90.90	196.72#
			56.00	94.00	149.07#
			0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24970.D
Acq On : 16 Jul 2008 13:42
Sample : SSTD050
Misc : TCLADDS (05/27/08)
MS Integration Params: rteint.p

Vial: 11
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 17 09:12:47 2008 Results File: A8I0536.RES
Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:04:23 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24970.D
 Acq On : 16 Jul 2008 13:42
 Sample : SSTD050
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:12:47 2008

Vial: 11
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	248347	40.00	ng	-0.18	140.15%
4) CI40 Naphthalene-d8	7.38	136	890588	40.00	ng	-0.17	130.35%
Da7) CI50 Acenaphthene-d8	9.45	164	425138	40.00	ng	-0.16	104.43%
Si10) CI60 Phenanthrene-d10	11.08	188	620116	40.00	ng	-0.14	84.05%
Mi12) CI70 Chrysene-d12	13.49	240	635809	40.00	ng	-0.13	83.23%
Qi13) CI75 Perylene-d12	14.71	264	767921	40.00	ng	-0.16	99.24%
Target Compounds							Qvalue
Re2) E600 Benzaldehyde	5.36	77	491755	66.79	ng		90
Do3) E145 Acetophenone	6.36	105	614182	53.49	ng		78
Is5) E655 Caprolactam	7.92	113	110505m	40.18	ng	#	14
16) E195 1,2,4,5-Tetrachlorobe	8.41	216	365015	52.87	ng		98
18) C811 1,1'-Biphenyl	8.78	154	945613	63.26	ng		94
9) E230 2,3,4,6-Tetrachloroph	9.84	232	164158	71.12	ng	#	100
11) E510 Atrazine	10.83	200	176505	55.78	ng		91

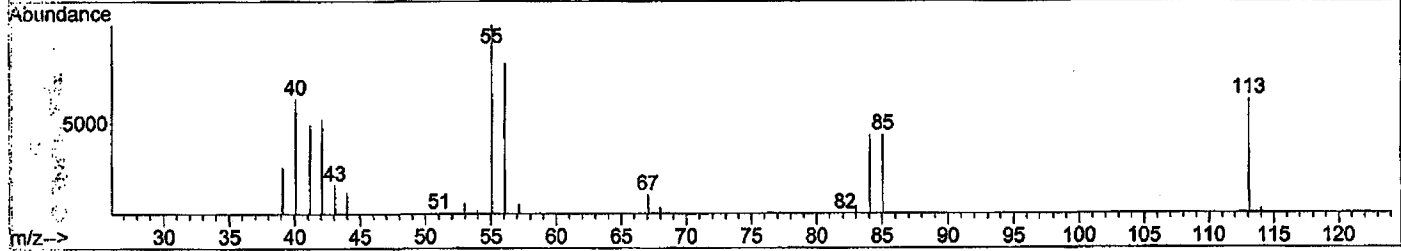
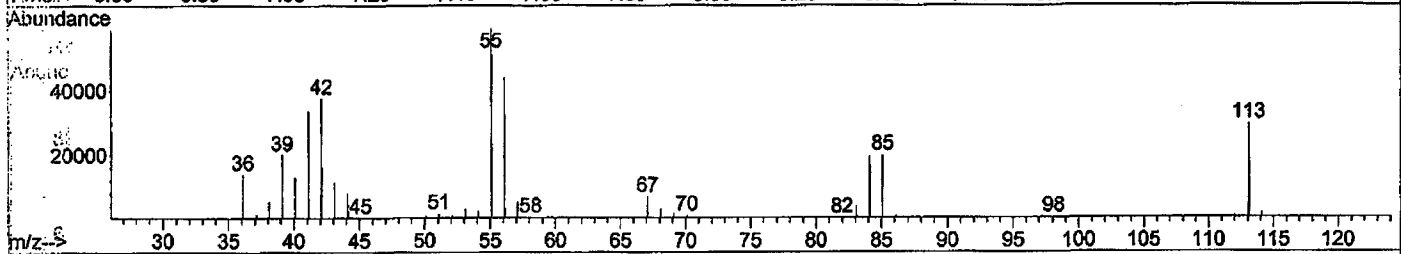
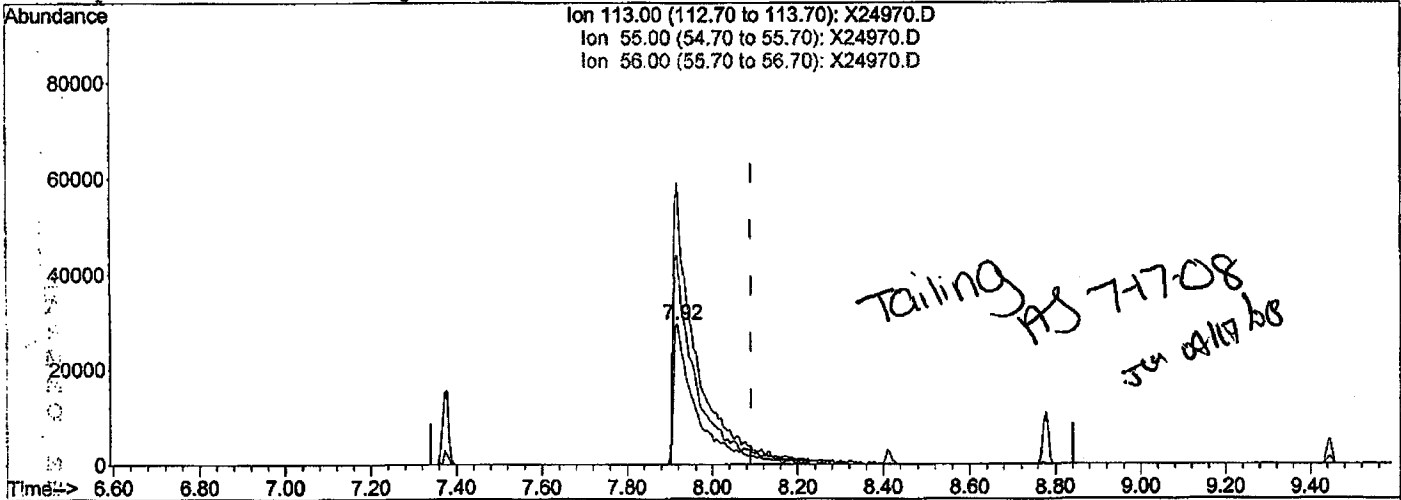
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\071608\X24970.D
Acq On : 16 Jul 2008 13:42
Sample : SSTD050
Misc : TCLADDS (05/27/08)
MS Integration Params: rteint.p
Quant Time: Jul 17 09:12:33 2008

Vial: 11
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0536.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:04:23 2008
Response via : Multiple Level Calibration



TIC: X24970.D

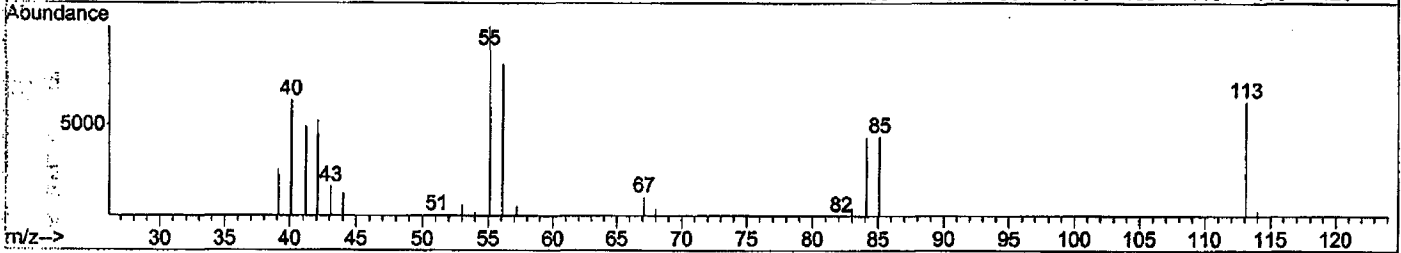
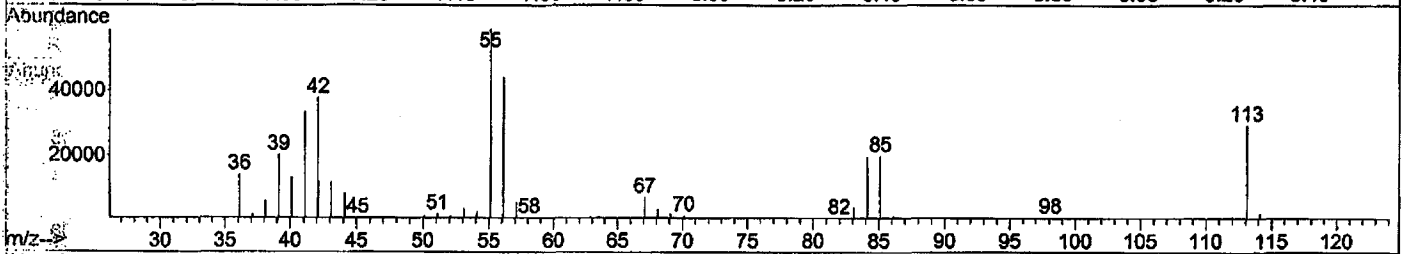
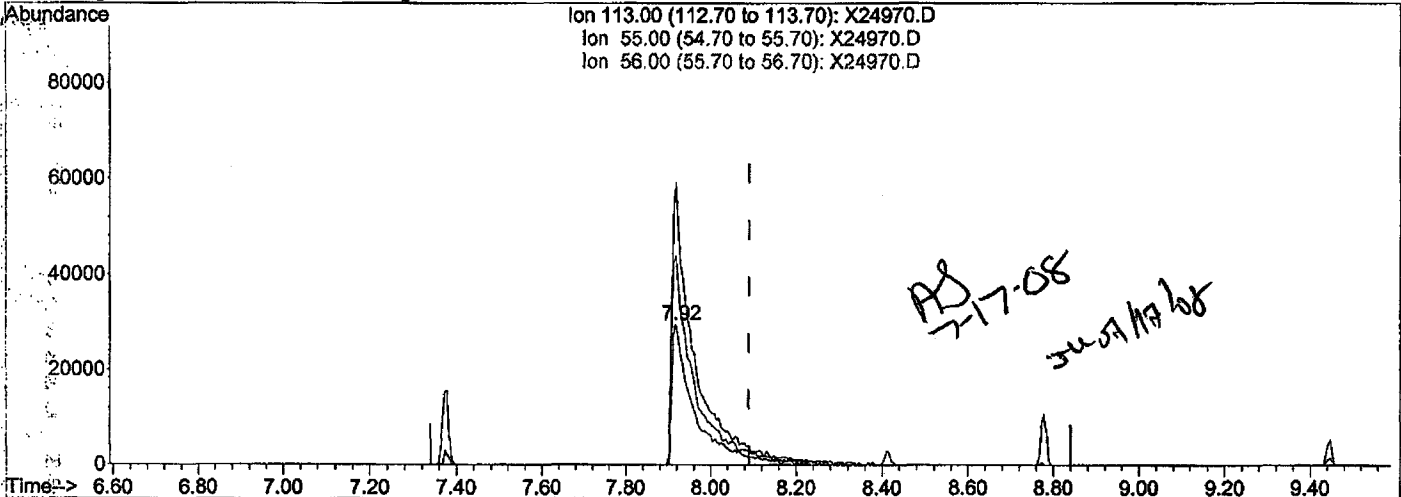
(5) E655 Caprolactam
7.92min (-0.173) 39.56ng
response 108784
Ion Exp% Act%
113.00 100 100
55.00 90.90 200.38#
56.00 94.00 149.16#
0.00 0.00 0.00

Quantitation Report (Qedit)

Data File : D:\DATA\071608\X24970.D
 Acq On : 16 Jul 2008 13:42
 Sample : SST050
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:12:33 2008

Vial: 11
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Multiple Level Calibration



TIC: X24970.D

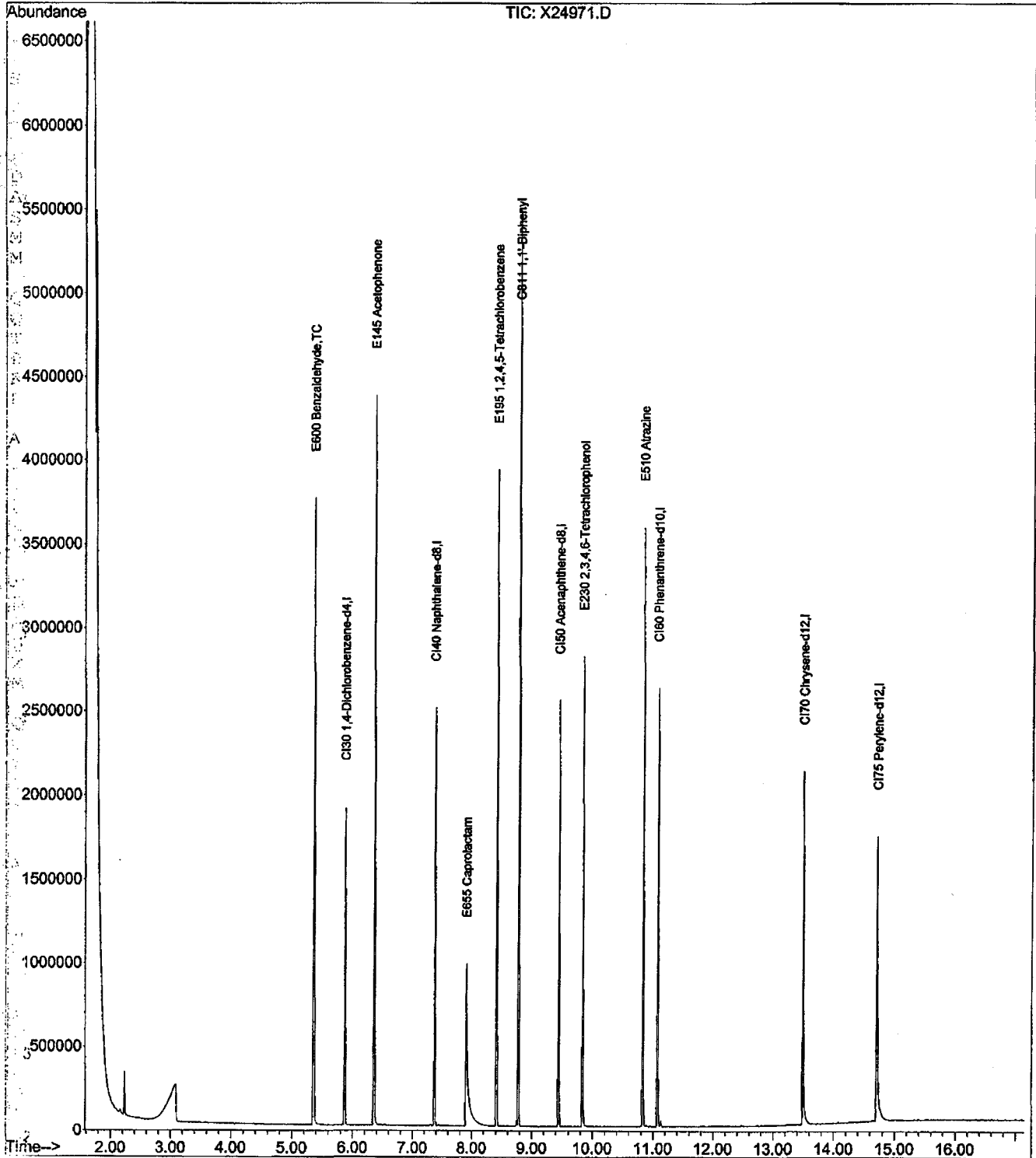
(5) E655 Caprolactam		
7.92min (-0.173)	40.18ng m	
response	110505	
Ion	Exp%	Act%
113.00	100	100
55.00	90.90	200.38#
56.00	94.00	149.16#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24971.D
Acq On : 16 Jul 2008 14:05
Sample : SSTD080
Misc : TCLADDS (05/27/08)
MS Integration Params: rteint.p

Vial: 12
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 17 09:13:16 2008 Results File: A8I0536.RES
Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:04:23 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24971.D
 Acq On : 16 Jul 2008 14:05
 Sample : SSTD080
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:13:16 2008

Vial: 12
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	264337	40.00	ng	-0.18 149.18%
4) CI40 Naphthalene-d8	7.38	136	965683	40.00	ng	-0.17 141.35%
7) CI50 Acenaphthene-d8	9.45	164	482357	40.00	ng	-0.16 118.49%
10) CI60 Phenanthrene-d10	11.08	188	752631	40.00	ng	-0.14 102.01%
12) CI70 Chrysene-d12	13.49	240	755546	40.00	ng	-0.13 98.91%
13) CI75 Perylene-d12	14.71	264	850368	40.00	ng	-0.15 109.90%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.36	77	822669	104.97	ng	87
3) E145 Acetophenone	6.36	105	1058364	86.60	ng	85
5) E655 Caprolactam	7.91	113	220638m	73.99	ng	# 33
6) E195 1,2,4,5-Tetrachlorobe	8.42	216	637037	85.10	ng	98
8) C811 1,1'-Biphenyl	8.78	154	1712174	100.95	ng	96
9) E230 2,3,4,6-Tetrachloroph	9.84	232	326797	124.78	ng	# 100
11) E510 Atrazine	10.84	200	358025	93.23	ng	92

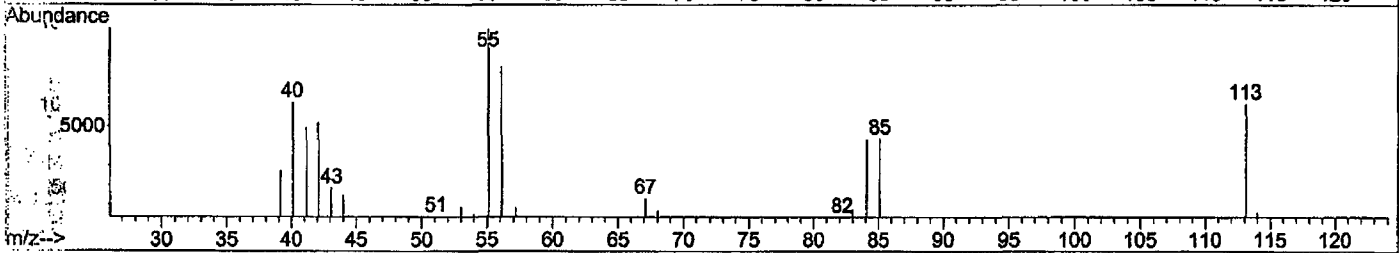
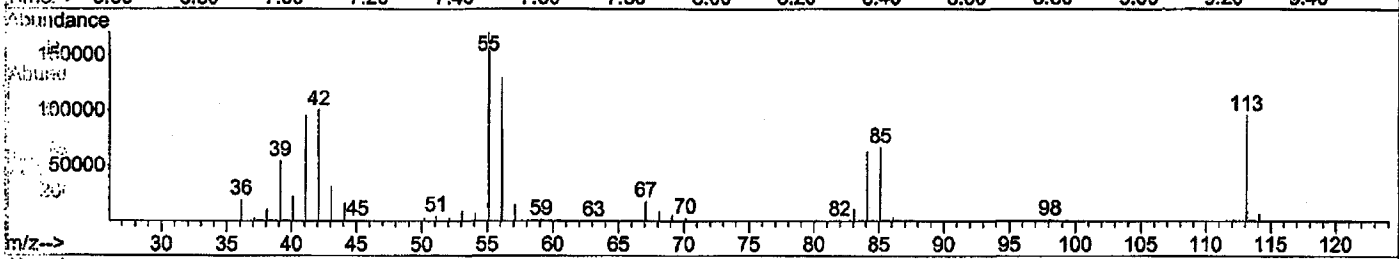
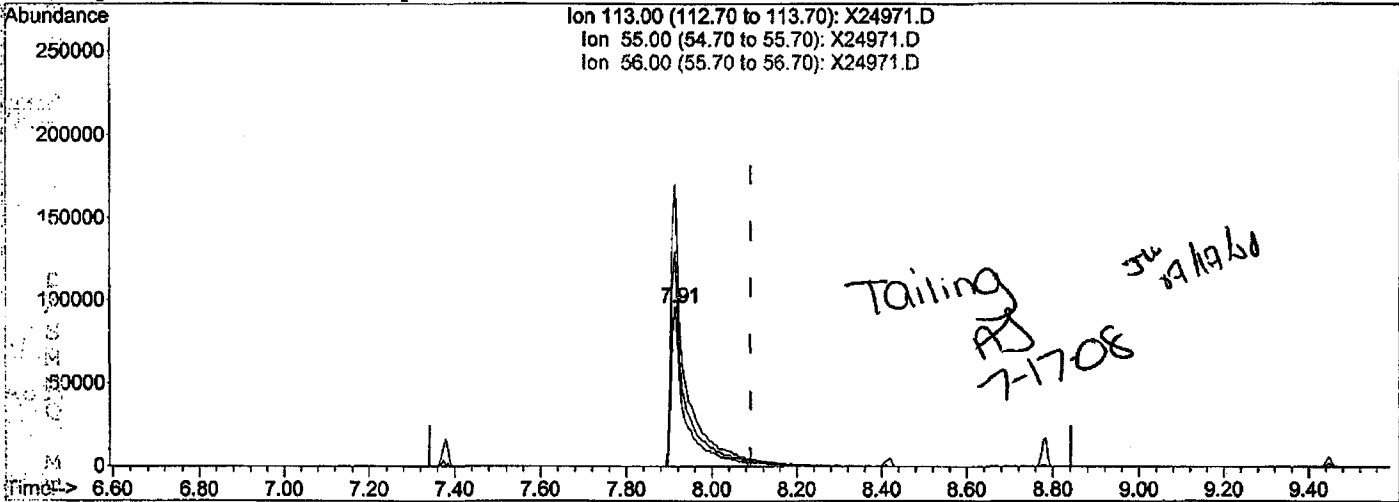
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\071608\X24971.D
 Acq On : 16 Jul 2008 14:05
 Sample : SSTD080
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:12:59 2008

Vial: 12
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Multiple Level Calibration



TIC: X24971.D

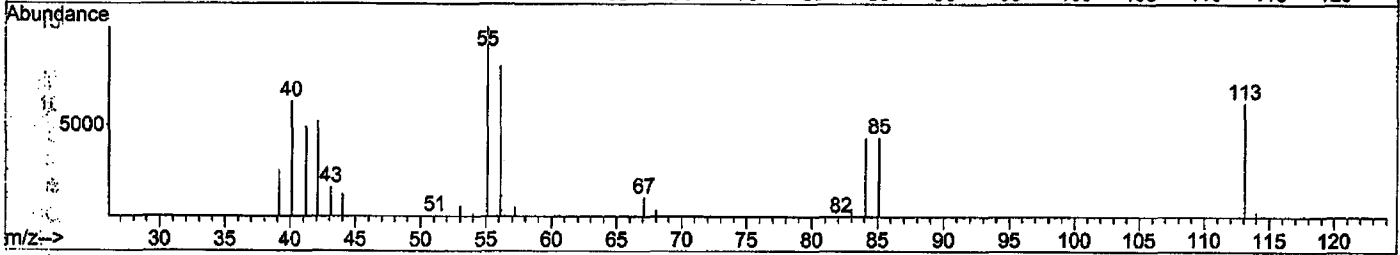
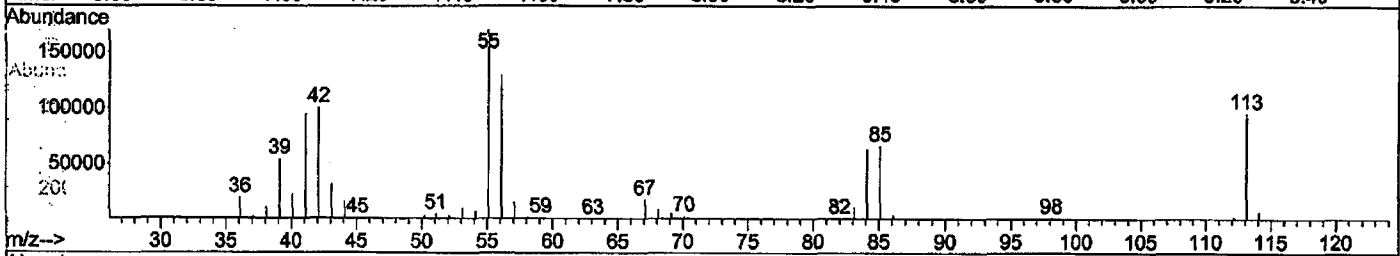
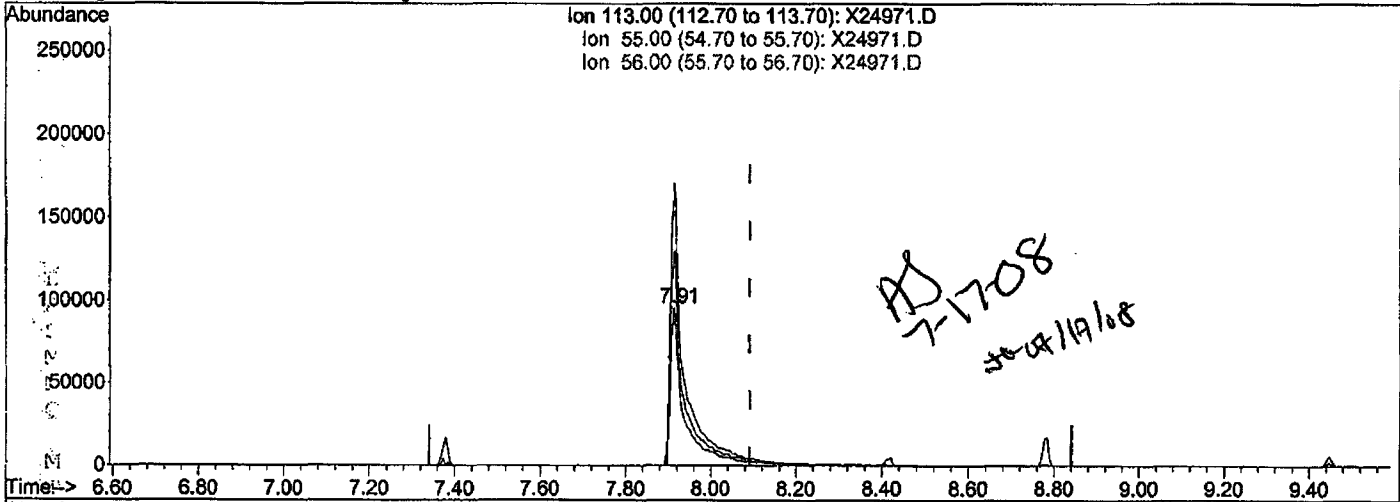
Time	Abund	Ident
7.91	210345	(5) E655 Caprolactam
7.91min (-0.178)	70.54ng	
113.00	100	100
55.00	90.90	177.56#
56.00	94.00	134.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\071608\X24971.D
 Acq On : 16 Jul 2008 14:05
 Sample : SSTD080
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:13:16 2008

Vial: 12
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Thu Jul 17 09:17:47 2008
 Response via : Multiple Level Calibration



TIC: X24971.D

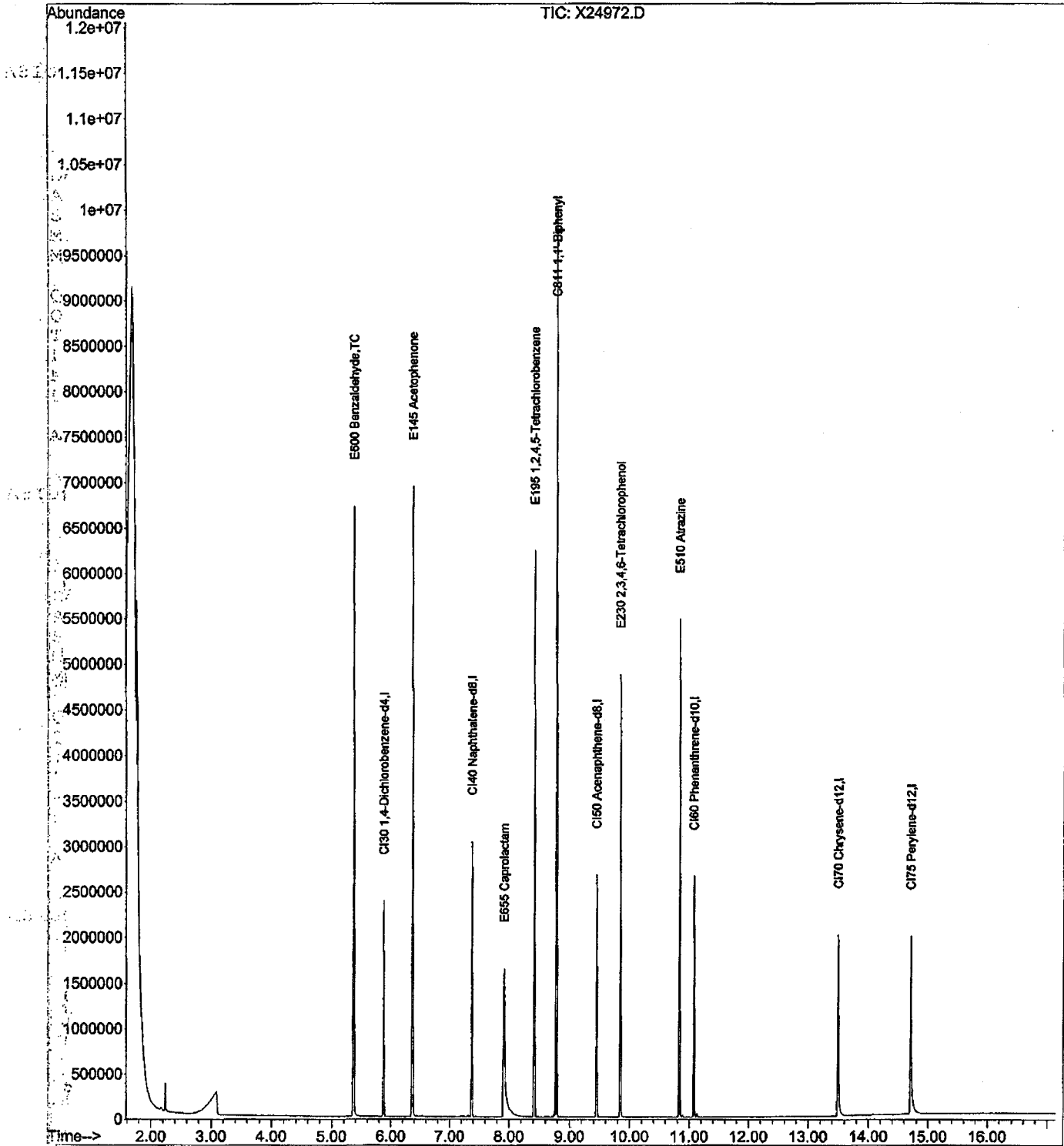
Time	Abund	Response	Ion	Exp%	Act%
7.91	220638	220638	113.00	100	100
7.91	73.99	73.99	55.00	90.90	177.56#
7.91	73.99	73.99	56.00	94.00	134.94#
0.00	0.00	0.00	0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24972.D
Acq On : 16 Jul 2008 14:27
Sample : SSTD120
Misc : TCLADDS (05/27/08)
MS Integration Params: rteint.p

Vial: 13
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 17 09:13:30 2008 Results File: A8I0536.RES
Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:04:23 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24972.D
 Acq On : 16 Jul 2008 14:27
 Sample : SSTD120
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:13:30 2008

Vial: 13
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.88	152	338162	40.00	ng	-0.18 190.84%
4) CI40 Naphthalene-d8	7.38	136	1182676	40.00	ng	-0.17 173.11%
7) CI50 Acenaphthene-d8	9.45	164	549443	40.00	ng	-0.16 134.97%
10) CI60 Phenanthrene-d10	11.08	188	817215	40.00	ng	-0.14 110.77%
12) CI70 Chrysene-d12	13.50	240	805495	40.00	ng	-0.12 105.44%
13) CI75 Perylene-d12	14.71	264	1003405	40.00	ng	-0.15 129.67%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.37	77	1515668	151.18	ng	95
3) E145 Acetophenone	6.37	105	1950845	124.77	ng	94
5) E655 Caprolactam	7.92	113	369765	101.25	ng	# 48
6) E195 1,2,4,5-Tetrachlorobe	8.42	216	1167617	127.36	ng	98
8) C811 1,1'-Biphenyl	8.78	154	3008025	155.70	ng	95
9) E230 2,3,4,6-Tetrachloroph	9.84	232	551402	184.84	ng	# 100
11) E510 Atrazine	10.84	200	595095	142.72	ng	91

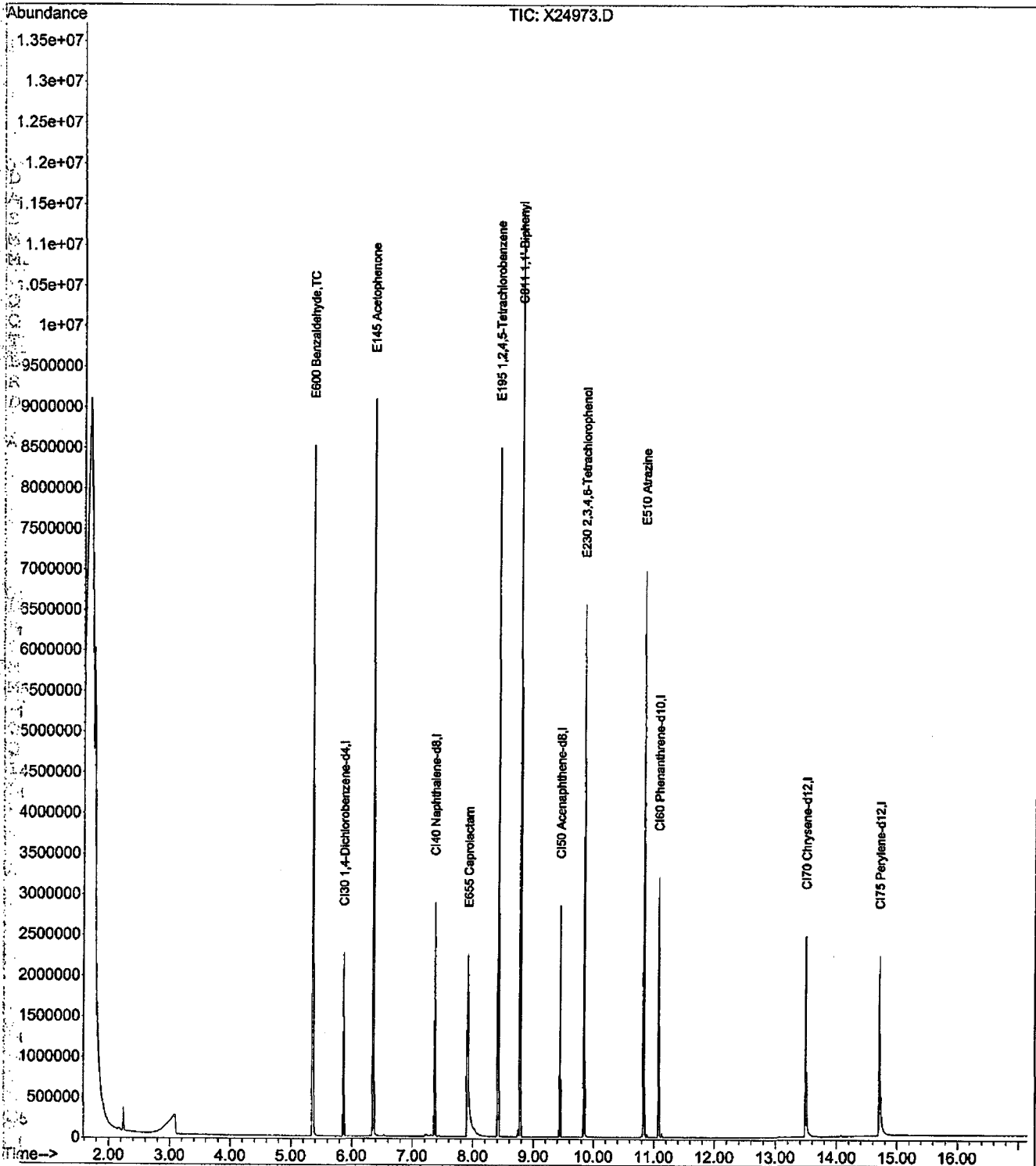
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24973.D
 Acq On : 16 Jul 2008 14:50
 Sample : SSTD160
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p

Vial: 14
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Time: Jul 17 09:15:20 2008 Results File: A8I0536.RES
 Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\071608\X24973.D
 Acq On : 16 Jul 2008 14:50
 Sample : SSTD160
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:15:20 2008

Vial: 14
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.87	152	331216	40.00	ng	-0.18	186.92%
4) CI40 Naphthalene-d8	7.37	136	1166427	40.00	ng	-0.17	170.73%
7) CI50 Acenaphthene-d8	9.45	164	579615	40.00	ng	-0.16	142.38%
10) CI60 Phenanthrene-d10	11.08	188	906643	40.00	ng	-0.14	122.89%
12) CI70 Chrysene-d12	13.49	240	912116	40.00	ng	-0.13	119.40%
13) CI75 Perylene-d12	14.71	264	1056945	40.00	ng	-0.16	136.59%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.36	77	1920774	195.60	ng		96
3) E145 Acetophenone	6.36	105	2547583	166.36	ng		97
5) E655 Caprolactam	7.92	113	546432m	151.72	ng	#	57
6) E195 1,2,4,5-Tetrachlorobe	8.42	216	1526616	168.84	ng		98
8) C811 1,1'-Biphenyl	8.78	154	3930044	192.83	ng		96
9) E230 2,3,4,6-Tetrachloroph	9.84	232	802410	254.98	ng	#	100
11) E510 Atrazine	10.84	200	894339	193.33	ng		93

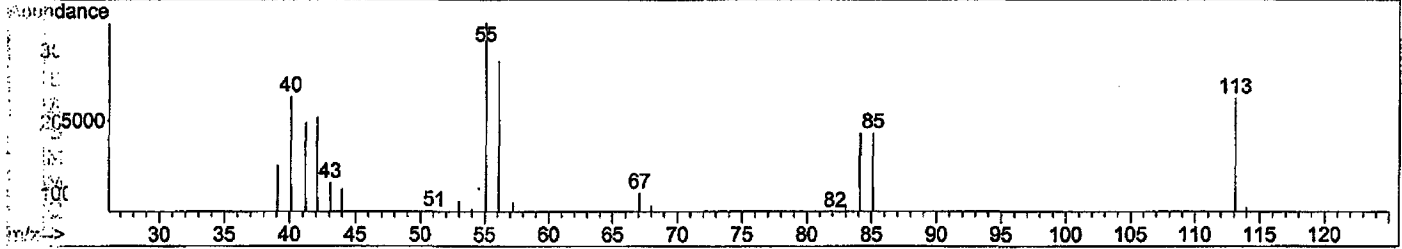
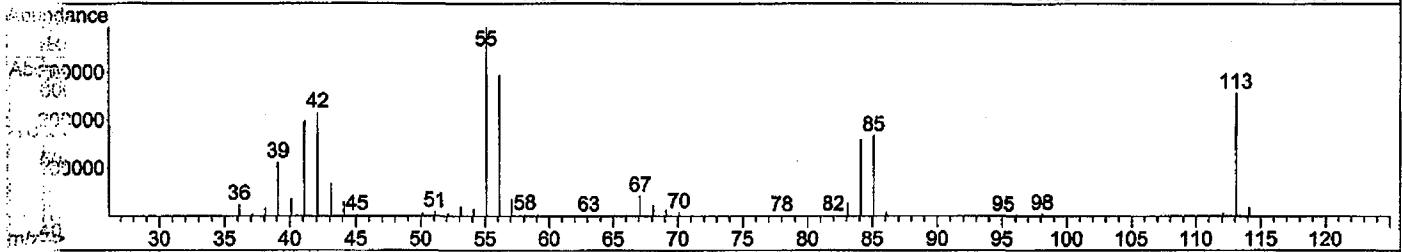
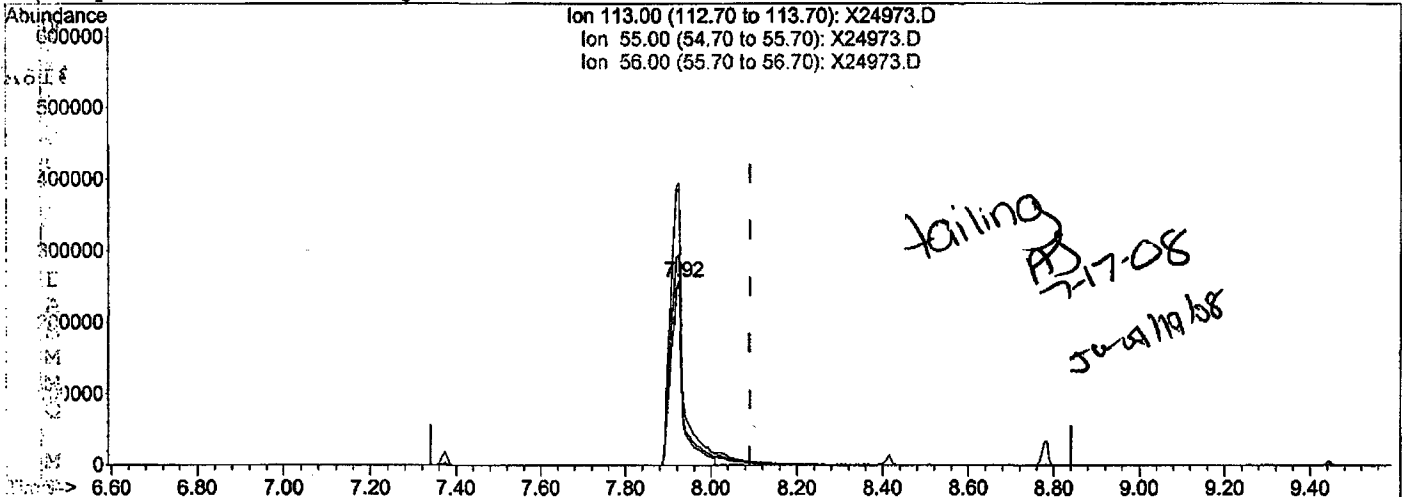
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\071608\X24973.D
 Acq On : 16 Jul 2008 14:50
 Sample : SSTD160
 Misc : TCLADDS (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 17 09:13:44 2008

Vial: 14
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Multiple Level Calibration



TIC: X24973.D

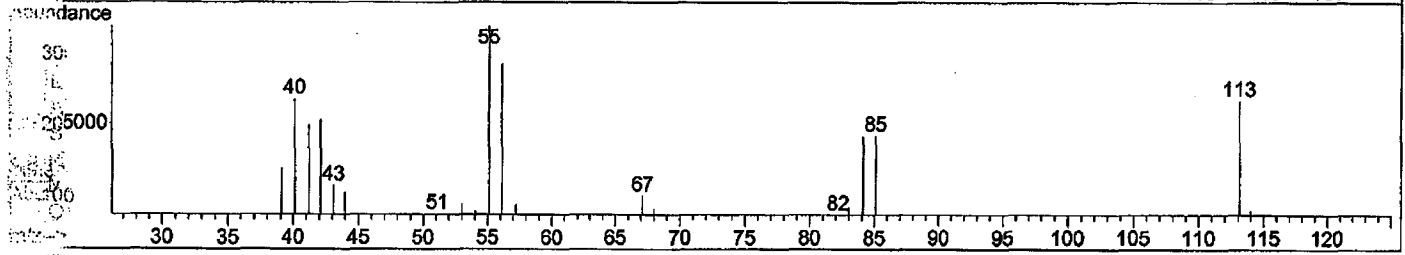
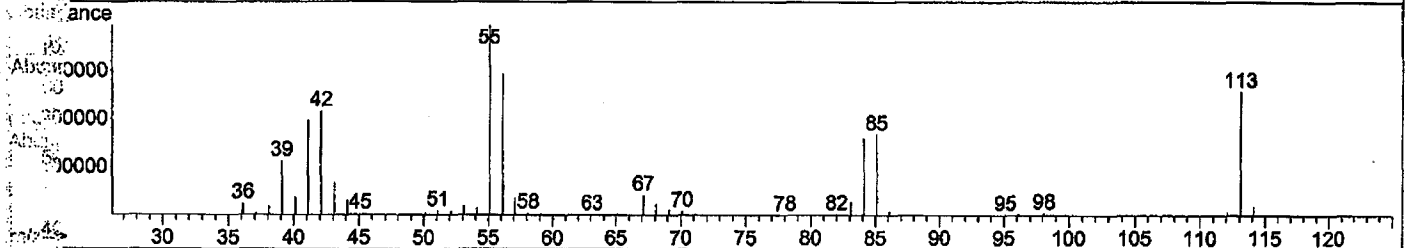
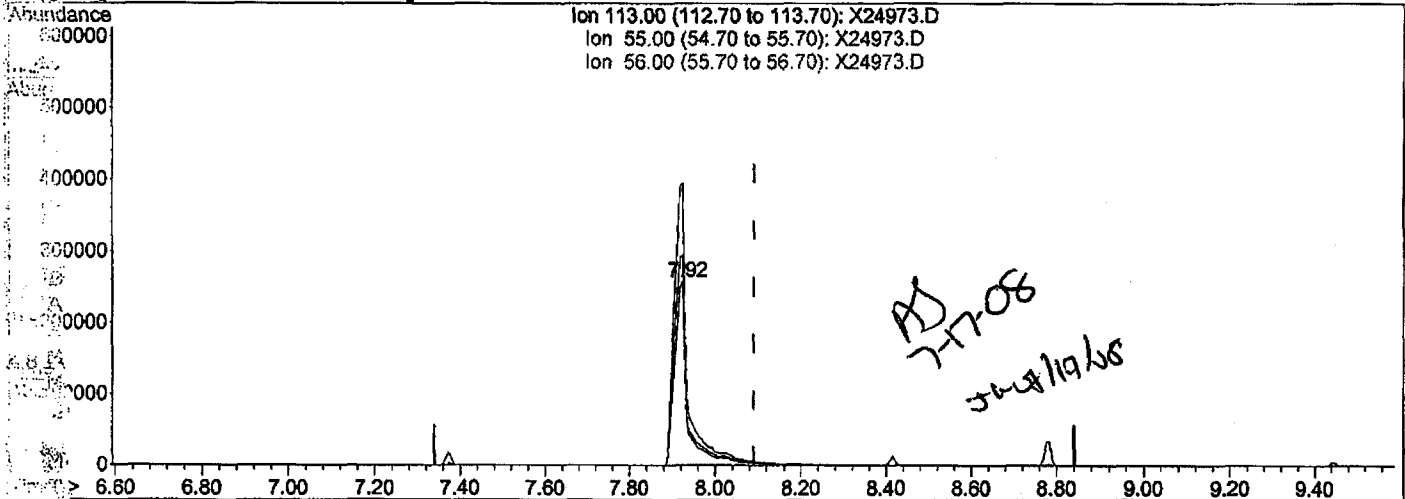
Time	Abundance	Ion	Exp%	Act%
(5) E655 Caprolactam				
7.92min (-0.168)	140.76ng			
response	506955			
		Ion	Exp%	Act%
		113.00	100	100
		55.00	90.90	153.27#
		56.00	94.00	114.20#
		0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\071608\X24973.D
Acq On : 16 Jul 2008 14:50
Sample : SSTD160
Misc : TCLADDS (05/27/08)
MS Integration Params: rteint.p
Quant Time: Jul 17 09:13:44 2008

Vial: 14
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS\A8I0536.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:04:23 2008
Response via : Multiple Level Calibration



TIC: X24973.D

(5) E655 Caprolactam

7.92min (-0.168) 151.72ng m

response 546432

Ion	Exp%	Act%
113.00	100	100
55.00	90.90	153.27#
56.00	94.00	114.20#
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat

Contract: _____

Lab Sample ID: A8I0000548-1Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No: 7595Instrument ID: HP5973XCalibration Dates (s): 07/21/2008 07/21/2008Calibration Times: 09:00 10:54

Lab File ID: RRF5 = X25050.RR RRF20 = X25051.RR RRF50 = X25052.RR
 RRF80 = X25053.RR RRF120 = X25054.RR RRF160 = X25055.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	* 2.516	2.431	2.490	2.460	2.217	2.426	2.4230	4.400*
Bis(2-chloroethyl) ether	1.709	1.693	1.728	1.720	1.577	1.758	1.6980	3.700
2-Chlorophenol	1.697	1.616	1.662	1.661	1.540	1.726	1.6500	4.000
2-Methylphenol	1.558	1.511	1.558	1.537	1.403	1.550	1.5190	3.900
2,2'-Oxybis(1-Chloropropane	2.296	2.169	2.144	2.108	1.826	1.949	2.0820	8.100
4-Methylphenol	1.681	1.595	1.638	1.614	1.435	1.544	1.5840	5.400
N-Nitroso-Di-n-propylamine	# 1.371	1.312	1.316	1.294	1.146	1.261	1.2830	5.900#
Hexachloroethane	0.648	0.636	0.634	0.640	0.575	0.643	0.6290	4.300
Nitrobenzene	0.497	0.480	0.475	0.466	0.423	0.477	0.4700	5.300
Isophorone	0.914	0.903	0.900	0.880	0.820	0.942	0.8930	4.600
2-Nitrophenol	* 0.213	0.213	0.220	0.220	0.205	0.236	0.2180	4.900*
2,4-Dimethylphenol	0.436	0.429	0.428	0.415	0.359	0.381	0.4080	7.600
Bis(2-chloroethoxy) methane	0.530	0.507	0.493	0.486	0.438	0.499	0.4920	6.200
2,4-Dichlorophenol	* 0.335	0.324	0.320	0.313	0.284	0.323	0.3160	5.400*
Naphthalene	1.202	1.141	1.126	1.104	0.985	1.096	1.1090	6.400
4-Chloroaniline	0.501	0.487	0.477	0.470	0.427	0.486	0.4750	5.300
Hexachlorobutadiene	* 0.179	0.171	0.165	0.163	0.144	0.164	0.1650	7.000*
4-Chloro-3-methylphenol	* 0.372	0.373	0.380	0.368	0.336	0.376	0.3680	4.300*
2-Methylnaphthalene	0.786	0.744	0.729	0.713	0.625	0.696	0.7150	7.500
Hexachlorocyclopentadiene	# 0.304	0.351	0.380	0.388	0.358	0.394	0.3620	9.100#
2,4,6-Trichlorophenol	* 0.405	0.403	0.419	0.415	0.389	0.429	0.4100	3.400*
2,4,5-Trichlorophenol	0.405	0.403	0.419	0.415	0.389	0.429	0.4100	3.400
2-Chloronaphthalene	1.286	1.237	1.227	1.232	1.121	1.216	1.2200	4.400
2-Nitroaniline	0.495	0.472	0.485	0.489	0.430	0.461	0.4720	5.000
Dimethyl phthalate	1.529	1.460	1.486	1.470	1.367	1.512	1.4710	3.900
Acenaphthylene	2.035	2.008	2.033	2.028	1.832	1.984	1.9870	3.900
2,6-Dinitrotoluene	0.332	0.345	0.357	0.362	0.336	0.375	0.3510	4.700
3-Nitroaniline	0.354	0.373	0.393	0.390	0.373	0.417	0.3830	5.700
Acenaphthene	* 1.287	1.212	1.201	1.195	1.071	1.163	1.1880	5.900*
2,4-Dinitrophenol	# 0.139	0.182	0.228	0.241	0.236	0.268	0.2160	21.800#
4-Nitrophenol	# 0.175	0.195	0.210	0.211	0.189	0.203	0.1970	7.000#
Dibenzofuran	1.894	1.792	1.785	1.753	1.531	1.622	1.7300	7.600
2,4-Dinitrotoluene	0.470	0.470	0.486	0.487	0.458	0.509	0.4800	3.800
Diethyl phthalate	1.411	1.382	1.385	1.394	1.266	1.389	1.3710	3.800
4-Chlorophenyl phenyl ether	0.729	0.665	0.666	0.645	0.579	0.625	0.6520	7.600
Fluorene	1.510	1.459	1.430	1.398	1.241	1.316	1.3930	7.100
4-Nitroaniline	0.380	0.392	0.412	0.414	0.382	0.420	0.4000	4.400

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat

Contract: _____

Lab Sample ID: A8I0000548-1Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No: 7595Instrument ID: HP5973XCalibration Dates (s): 07/21/2008 07/21/2008Calibration Times: 09:00 10:54

Lab File ID: RRF5 = X25050.RR RRF20 = X25051.RR RRF50 = X25052.RR
 RRF80 = X25053.RR RRF120 = X25054.RR RRF160 = X25055.RR

COMPOUND	RRF5	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
4,6-Dinitro-2-methylphenol	0.111	0.134	0.152	0.153	0.141	0.159	0.1420	12.300
N-nitrosodiphenylamine	* 0.586	0.576	0.566	0.552	0.494	0.542	0.5530	5.900*
4-Bromophenyl phenyl ether	0.214	0.204	0.198	0.193	0.175	0.196	0.1970	6.500
Hexachlorobenzene	0.229	0.209	0.200	0.195	0.177	0.201	0.2020	8.500
Pentachlorophenol	* 0.105	0.127	0.139	0.137	0.131	0.151	0.1320	11.600*
Phenanthrene	1.206	1.119	1.063	1.022	0.902	0.984	1.0490	10.100
Anthracene	1.179	1.153	1.103	1.066	0.920	1.014	1.0730	8.900
Di-n-butyl phthalate	1.258	1.305	1.283	1.236	1.081	1.155	1.2200	7.000
Fluoranthene	* 1.301	1.268	1.210	1.160	1.019	1.125	1.1800	8.700*
Pyrene	1.430	1.339	1.313	1.288	1.219	1.374	1.3270	5.500
Butyl benzyl phthalate	0.568	0.613	0.630	0.618	0.547	0.585	0.5930	5.400
3,3'-Dichlorobenzidine	0.373	0.432	0.465	0.466	0.447	0.508	0.4490	10.000
Benzo (a) anthracene	1.225	1.219	1.182	1.181	1.124	1.274	1.2010	4.200
Chrysene	1.429	1.201	1.153	1.125	1.063	1.219	1.1980	10.500
Bis(2-ethylhexyl) phthalate	0.750	0.817	0.863	0.857	0.761	0.821	0.8110	5.800
Di-n-octyl phthalate	* 0.854	1.198	1.523	1.573	1.498	1.651	1.3830	21.800*
Benzo (b) fluoranthene	1.042	1.250	1.255	1.254	1.145	1.589	1.2560	14.700
Benzo (k) fluoranthene	0.000	1.414	1.355	1.209	1.100	0.898	1.1950	17.300
Benzo (a) pyrene	* 1.033	1.137	1.246	1.183	1.071	1.182	1.1420	6.900*
Indeno (1,2,3-cd) pyrene	1.310	1.402	1.487	1.440	1.326	1.500	1.4110	5.700
Dibenzo (a,h) anthracene	1.067	1.171	1.257	1.191	1.102	1.254	1.1740	6.600
Benzo (ghi) perylene	1.252	1.262	1.314	1.272	1.145	1.282	1.2540	4.600
Carbazole	1.190	1.149	1.116	1.081	0.956	1.053	1.0910	7.500

Nitrobenzene-D5	0.473	0.461	0.463	0.459	0.422	0.478	0.4590	4.300
2-Fluorobiphenyl	1.498	1.424	1.423	1.405	1.275	1.381	1.4010	5.200
p-Terphenyl-d14	0.985	0.935	0.927	0.925	0.879	1.002	0.9420	4.800
Phenol-D5	2.245	2.190	2.273	2.269	2.101	2.307	2.2310	3.300
2-Fluorophenol	1.613	1.560	1.642	1.647	1.560	1.783	1.6340	5.000
2,4,6-Tribromophenol	0.092	0.098	0.100	0.098	0.091	0.103	0.0970	4.700

Comments:

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\8270\
 Method File : A810548.M
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 21 14:57:10 2008
 Response Via : Initial Calibration

Calibration Files

5 =X25050.D 20 =X25051.D 50 =X25052.D
 80 =X25053.D 120 =X25054.D 160 =X25055.D

*T-2002
I-0548*

Compound	5	20	50	80	120	160	Avg	%RSD
1) I CI30 1,4-Dichlorobenz	-----ISTD-----							
2) T C705 n-nitrosodidim	0.526	0.976	1.114	1.149	1.113	1.260	-----	
	L M= 1.250 R=0.994							
	B= -0.162							
3) S CS50 2-Fluorophenol	1.613	1.560	1.642	1.647	1.560	1.783	1.634	5.04
4) TC C325 bis(2-Chloroet	1.709	1.693	1.728	1.720	1.577	1.758	1.698	3.71
5) S CS45 Phenol-d5	2.245	2.190	2.273	2.269	2.101	2.307	2.231	3.33
6) S CS70 2-chlorophenol	1.538	1.482	1.508	1.527	1.415	1.585	1.509	3.81
7) MC C315 Phenol	2.516	2.431	2.490	2.460	2.217	2.426	2.423	4.41
8) MC C330 2-Chlorophenol	1.696	1.616	1.662	1.661	1.540	1.726	1.650	3.97
9) T C320 aniline	2.795	2.754	2.786	2.746	2.493	2.722	2.716	4.14
10) TC C335 1,3-Dichlorobe	1.782	1.697	1.692	1.698	1.555	1.759	1.698	4.66
11) MC C340 1,4-Dichlorobe	1.786	1.723	1.705	1.709	1.563	1.759	1.708	4.53
12) S CS75 1,2-dichlorobe	0.992	0.942	0.920	0.906	0.819	0.912	0.915	6.18
13) TC C350 1,2-Dichlorobe	1.704	1.599	1.603	1.550	1.362	1.488	1.551	7.53
14) T C345 Benzyl alcohol	1.105	1.124	1.143	1.127	1.010	1.101	1.102	4.30
15) T C360 bis(2-chlorois	2.296	2.169	2.144	2.108	1.826	1.949	2.082	8.08
16) TC C355 2-Methylphenol	1.558	1.511	1.558	1.537	1.403	1.550	1.519	3.92
17) TC C375 Hexachloroetha	0.648	0.635	0.634	0.640	0.575	0.643	0.629	4.27
18) MC C370 N-Nitroso-di-n	1.371	1.312	1.315	1.294	1.146	1.261	1.283	5.93
19) TC C365 4-Methylphenol	1.681	1.595	1.638	1.614	1.435	1.544	1.584	5.45
20) I CI40 Naphthalene-d8	-----ISTD-----							
21) S CS20 Nitrobenzene-d	0.473	0.461	0.463	0.459	0.422	0.478	0.459	4.32
22) TC C410 Nitrobenzene	0.497	0.480	0.475	0.466	0.423	0.477	0.469	5.29
23) TC C415 Isophorone	0.914	0.903	0.900	0.880	0.820	0.942	0.893	4.63
24) T C430 benzoic acid	0.258	0.266	0.275	0.282	0.200	0.316	0.266	14.24
25) TC C420 2-Nitrophenol	0.213	0.213	0.220	0.220	0.205	0.236	0.218	4.87
26) TC C425 2,4-Dimethylph	0.436	0.429	0.427	0.415	0.359	0.381	0.408	7.58
27) TC C435 bis(2-Chloroet	0.530	0.507	0.493	0.486	0.438	0.499	0.492	6.18
28) TC C440 2,4-Dichloroph	0.335	0.324	0.320	0.312	0.284	0.323	0.316	5.45
29) MC C445 1,2,4-Trichlor	0.332	0.326	0.317	0.312	0.271	0.310	0.311	6.88
30) TC C450 Naphthalene	1.202	1.141	1.126	1.104	0.985	1.096	1.109	6.45
31) T C455 4-Chloroanilin	0.501	0.486	0.477	0.470	0.427	0.486	0.475	5.35
32) T C460 Hexachlorobuta	0.179	0.171	0.165	0.163	0.144	0.164	0.165	6.95
33) MC C465 4-Chloro-3-met	0.372	0.373	0.380	0.368	0.336	0.376	0.368	4.30
34) TC C470 2-Methylnaphth	0.786	0.743	0.729	0.713	0.625	0.695	0.715	7.55
35) I CI50 Acenaphthene-d10	-----ISTD-----							
36) T C510 Hexachlorocycl	0.304	0.351	0.380	0.388	0.358	0.393	0.362	9.13
37) TC C515 2,4,6-Trichlor	0.405	0.403	0.419	0.415	0.389	0.429	0.410	3.39
38) TC C520 2,4,5-Trichlor	0.405	0.403	0.419	0.415	0.389	0.429	0.410	3.39
39) S CS25 2-Fluorobiphen	1.498	1.424	1.422	1.404	1.275	1.381	1.401	5.22
40) TC C525 2-Chloronaphth	1.286	1.237	1.227	1.232	1.121	1.216	1.220	4.45
41) T C530 2-Nitroaniline	0.495	0.472	0.485	0.489	0.430	0.461	0.472	5.05
42) MC C540 Acenaphthylene	2.035	2.008	2.033	2.028	1.832	1.983	1.987	3.94
43) T C535 Dimethylphthal	1.529	1.460	1.486	1.470	1.367	1.512	1.471	3.87
44) TC C542 2,6-Dinitrotol	0.332	0.345	0.357	0.362	0.336	0.375	0.351	4.66
45) TC C550 Acenaphthene	1.287	1.212	1.201	1.195	1.071	1.163	1.188	5.92
46) T C545 3-Nitroaniline	0.354	0.373	0.393	0.390	0.373	0.417	0.383	5.66
47) T C555 2,4-Dinitrophe	0.139	0.182	0.228	0.241	0.236	0.268	-----	
	L M= 0.270 R=0.994							
	B= -0.050							
48) TC C565 Dibenzofuran	1.894	1.792	1.785	1.753	1.531	1.622	1.730	7.56
49) MC C570 2,4-Dinitrotol	0.470	0.470	0.486	0.487	0.458	0.509	0.480	3.78
50) M C560 4-Nitrophenol	0.175	0.195	0.210	0.211	0.189	0.203	0.197	7.03

Response Factor Report HP5973X

Method Path : C:\MSDCHEM\1\METHODS\8270\
 Method File : A8I0548.M
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 21 14:57:10 2008
 Response Via : Initial Calibration

Calibration Files

5) =X25050.D 20 =X25051.D 50 =X25052.D
 80 =X25053.D 120 =X25054.D 160 =X25055.D

51)	TC	C590	Fluorene	1.510	1.459	1.430	1.398	1.241	1.316	1.393	7.07
52)	TC	C585	4-Chlorophenyl	0.729	0.665	0.666	0.645	0.579	0.625	0.652	7.66
53)	T	C580	Diethylphthala	1.411	1.382	1.385	1.394	1.266	1.389	1.371	3.83
54)	T	C620	1,2-diphenylhy	1.650	1.624	1.587	1.540	1.336	1.401	1.523	8.32
55)	T	C595	4-Nitroaniline	0.380	0.392	0.412	0.414	0.381	0.420	0.400	4.42
56)	I	CI60	Phenanthrene-d10	-----ISTD-----							
57)	T	C610	4,6-Dinitro-2-	0.111	0.134	0.152	0.153	0.141	0.159	0.142	12.32
58)	T	C615	n-Nitrosodippe	0.586	0.576	0.566	0.552	0.494	0.542	0.553	5.95
59)	S	CS55	2,4,6-Tribromo	0.092	0.098	0.100	0.098	0.091	0.103	0.097	4.67
60)	TC	C625	4-Bromophenyl-	0.214	0.204	0.198	0.193	0.175	0.196	0.197	6.55
61)	TC	C630	Hexachlorobenz	0.229	0.209	0.200	0.195	0.177	0.201	0.202	8.47
62)	MC	C635	Pentachlorophe	0.105	0.127	0.139	0.137	0.131	0.151	0.132	11.61
63)	TC	C640	Phenanthrene	1.206	1.118	1.063	1.022	0.902	0.984	1.049	10.11
64)	TC	C645	Anthracene	1.179	1.153	1.103	1.066	0.920	1.014	1.073	8.89
65)	T	C647	carbazole	1.189	1.149	1.116	1.081	0.956	1.053	1.091	7.49
66)	T	C650	Di-n-butylphth	1.258	1.305	1.283	1.236	1.081	1.155	1.220	6.99
67)	TC	C655	Fluoranthene	1.301	1.268	1.210	1.159	1.019	1.125	1.180	8.69
68)	I	CI70	Chrysene-d12	-----ISTD-----							
69)	MC	C715	Pyrene	1.430	1.339	1.312	1.288	1.219	1.374	1.327	5.46
70)	T	C710	benzidine	0.472	0.625	0.700	0.715	0.675	0.786	-----	
								L	M=	0.769	R=0.990
									B=	-0.086	
71)	S	CS30	Terphenyl-d14	0.985	0.935	0.927	0.925	0.879	1.002	0.942	4.76
72)	T	C720	Butylbenzylpht	0.568	0.613	0.630	0.617	0.547	0.585	0.593	5.43
73)	T	C725	3,3'-Dichlorob	0.373	0.432	0.465	0.466	0.447	0.508	0.449	9.97
74)	TC	C730	Benzo[a]anthra	1.225	1.219	1.182	1.181	1.124	1.273	1.201	4.22
75)	TC	C735	Chrysene	1.429	1.201	1.153	1.125	1.062	1.219	1.198	10.54
76)	T	C740	bis(2-Ethylhex	0.750	0.817	0.863	0.857	0.761	0.821	0.811	5.83
77)	T	C760	Di-n-octylphth	0.854	1.198	1.523	1.572	1.498	1.651	-----	
								L	M=	1.648	R=0.996
									B=	-0.175	
78)	I	CI75	Perylene-d12	-----ISTD-----							
79)	TC	C765	Benzo[b]fluora	1.042	1.250	1.255	1.253	1.144	1.589	1.256	14.66
80)	TC	C770	Benzo[k]fluora	1.687	1.414	1.354	1.209	1.100	0.898	-----	
								Q	A=	-0.166	R=0.999
									B=	1.576	
									C=	-0.015	
81)	TC	C775	Benzo[a]pyrene	1.033	1.137	1.246	1.183	1.071	1.181	1.142	6.91
82)	TC	C780	Indeno[1,2,3-c	1.310	1.402	1.487	1.440	1.326	1.500	1.411	5.67
83)	TC	C785	Dibenz[a,h]ant	1.067	1.171	1.257	1.191	1.102	1.254	1.174	6.62
84)	TC	C790	Benzo[g,h,i]pe	1.252	1.262	1.314	1.272	1.145	1.282	1.254	4.58

Total Average %RSD 6.22

Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

A8I0548.M

Mon Jul 21 15:01:05 2008

Date: 08/06/2008

ICC Profile

Page: 1

Time: 15:14:35

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG

Fraction: MB

No of Points: 6

Default Min. RRF: 0.0500

QC Approver: PM

CCC Conc: 50.00

QC Date: 02/20/2008

Comments:

Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
10	108-95-2 Phenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
11	78-00-2 Tetraethyl-Lead	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
12	T-CRESOL Total Cresols	10.0000	40.0000	100.0000	160.0000	240.0000	320.0000
20	111-44-4 Bis(2-chloroethyl) ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
30	95-57-8 2-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
40	541-73-1 1,3-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
50	106-46-7 1,4-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
60	100-51-6 Benzyl alcohol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
70	95-50-1 1,2-Dichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
80	95-48-7 2-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
90	108-60-1 2,2'-Oxybis(1-Chloropropane)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
94	CO-3+4METHYP 3- & 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
95	029082-74-4 Octachlorostyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
96	108-84-8 Diphenyl Ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
97	504-29-0 2-aminopyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
98	126-33-0 Sulfolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
99	105-60-2 Caprolactam	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
100	106-44-5 4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
101	1912-24-9 Atrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
102	108394/10644 3/4-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
103	10482-56-1 a-Terpineol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
104	91-22-5 Quinoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
105	106-49-0 p-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
107	84-65-1 9,10-Anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
108	81-64-1 1,4-Dihydroxy-9,10-anthracendi	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
109	301-02-0 (z)-9-octadecenamamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
110	621-64-7 N-Nitroso-Di-n-propylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
111	129-43-1 1-Hydroxy-9,10-anthracenedione	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
120	67-72-1 Hexachloroethane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
130	98-95-3 Nitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
140	78-59-1 Isophorone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
150	88-75-5 2-Nitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
160	105-67-9 2,4-Dimethylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
170	65-85-0 Benzoic acid	100.0000	120.0000	150.0000	240.0000	360.0000	480.0000
180	111-91-1 Bis(2-chloroethoxy) methane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
190	120-83-2 2,4-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
200	120-82-1 1,2,4-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
210	91-20-3 Naphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
220	106-47-8 4-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
230	87-68-3 Hexachlorobutadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
240	59-50-7 4-Chloro-3-methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
250	91-57-6 2-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
260	77-47-4 Hexachlorocyclopentadiene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
270	88-06-2 2,4,6-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
280	95-95-4 2,4,5-Trichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
290	91-58-7 2-Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
300	88-74-4 2-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
310	131-11-3	Dimethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
320	208-96-8	Acenaphthylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
330	606-20-2	2,6-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
340	99-09-2	3-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
350	83-32-9	Acenaphthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
360	51-28-5	2,4-Dinitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
370	100-02-7	4-Nitrophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
380	132-64-9	Dibenzofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
390	121-14-2	2,4-Dinitrotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
400	84-66-2	Diethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
410	7005-72-3	4-Chlorophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
420	86-73-7	Fluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
430	100-01-6	4-Nitroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
440	534-52-1	4,6-Dinitro-2-methylphenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
450	86-30-6	N-nitrosodiphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
460	101-55-3	4-Bromophenyl phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
470	118-74-1	Hexachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
480	87-86-5	Pentachlorophenol	10.0000	20.0000	50.0000	80.0000	120.0000	160.0000
490	85-01-8	Phenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
500	120-12-7	Anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
510	84-74-2	Di-n-butyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
520	206-44-0	Fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
530	129-00-0	Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
540	85-68-7	Butyl benzyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
550	91-94-1	3,3'-Dichlorobenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
560	56-55-3	Benzo(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
570	218-01-9	Chrysene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
580	117-81-7	Bis(2-ethylhexyl) phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
590	117-84-0	Di-n-octyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
600	205-99-2	Benzo(b)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
610	207-08-9	Benzo(k)fluoranthene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
620	50-32-8	Benzo(a)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
630	193-39-5	Indeno(1,2,3-cd)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
640	53-70-3	Dibenzo(a,h)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
650	191-24-2	Benzo(ghi)perylene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
660	4165-60-0	Nitrobenzene-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
670	321-60-8	2-Fluorobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	1718-51-0	p-Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
680	92-94-4	Terphenyl-d14	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
690	SU108-95-2	Phenol-D5	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
700	367-12-4	2-Fluorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
710	118-79-6	2,4,6-Tribromophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
720	SU106-46-7	1,4-Dichlorobenzene-D4	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
730	SU83-32-9	Acenaphthene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
740	SU218-01-9	Chrysene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
750	1146-65-2	Naphthalene-D8	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
770	198-55-0	Perylene-D12	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
780	SU85-01-8	Phenanthrene-D10	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
781	87-86-5-C13	Pentachlorophenol-C13	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
782	634-90-2	1,2,3,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
783	87-61-6	1,2,3-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
785	95-94-3	1,2,4,5-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
786	122-66-7	1,2-Diphenylhydrazine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
787	108-70-3	1,3,5-Trichlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
788	99-35-4	sym-Trinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
789	99-65-0	m-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
790	634-66-2	1,2,3,4-Tetrachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
791	123-91-1	1,4-Dioxane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
792	100-25-4	1,4-Dinitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
793	130-15-4	1,4-Naphthoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
794	90-13-1	Chloronaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
795	90-12-0	1-Methylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
796	832-69-9	1-Methylphenanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
797	134-32-7	1-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
798	490-51-3	2,3,4,5-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
799	58-90-2	2,3,4,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
800	15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
801	935-95-5	2,3,5,6-Tetrachlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
802	933-75-5	2,3,6-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
803	236CL3TOL	2,3,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
805	576-24-9	2,3-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
806	61878-57-F	2,4,5-Trichlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
807	634-93-5	2,4,6-Trichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
808	554-00-7	2,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
810	95-73-8	2,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
811	583-78-8	2,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
812	19398-61-9	2,5-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
813	87-65-0	2,6-Dichlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
814	2402-78-0	2,6-Dichloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
815	118-69-4	2,6-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
816	581-42-0	2,6-Dimethylnaphthalene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
817	53-96-3	2-Acetylaminofluorene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
818	95-51-2	2-Chloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
819	109-09-1	2-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
820	497-26-7	2-Methyl-1,3-Dioxolane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
821	91-59-8	2-Naphthylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
822	109-06-8	2-Picoline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
823	88-85-7	2-sec-Butyl-4,6-dinitrophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
824	119-93-7	3,3'-Dimethylbenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
825	119-90-4	3,3'-Dimethoxybenzidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
826	609-19-8	3,4,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
827	95-76-1	3,4-Dichloroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
828	95-77-2	3,4-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
829	95-75-0	3,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
830	591-35-5	3,5-Dichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
831	108-43-0	3-Chlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
832	3/4-CLPH	3-Chlorophenol&4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
833	542-76-7	3-Chloropropionitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
834	626-60-8	3-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
835	56-49-5	3-Methylcholanthrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
836	108-39-4	3-Methylphenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
837	101-14-4	4,4'-Methylenebis(2-chloroanil	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
838	92-67-1	4-Aminobiphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
839	106-48-9	4-Chlorophenol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column						
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	
840	4-CLPYR	4-Chloropyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
841	56-57-5	4-Nitroquinoline-1-oxide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
842	99-55-8	5-Nitro-o-toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
843	57-97-6	7,12-Dimethylbenz(a)anthracene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
844	98-86-2	Acetophenone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
845	62-53-3	Aniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
846	140-57-8	Aramite	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
847	103-33-3	Azobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
848	103-82-2	Benzeneacetic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
849	108-98-5	Benzenethiol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
850	92-87-5	Benzydine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
851	192-97-2	Benzo(e)Pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
852	92-52-4	Biphenyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
853	124-17-4	Butyl carbitol acetate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
854	128-37-0	Butylated hydroxytoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
855	57-74-9	Chlordane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
856	510-15-6	Chlorobenzilate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
857	2303-16-4	Diallate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
858	192-65-4	Dibenzo(a,e)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
859	189-55-9	Dibenzo(a,i)pyrene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
860	320-60-5	2,4-Dichlorobenzotrifluoride (	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
861	109-89-7	Diethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
862	60-51-5	Dimethoate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
863	117-82-8	Dimethoxy ethyl phthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
864	120-61-6	Dimethyl terephthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
865	124-40-3	Dimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
866	122-39-4	Diphenylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
867	298-04-4	Disulfoton	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
868	DOWTHERM	Dowtherm	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
869	62-50-0	Ethyl methane sulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
870	107-15-3	Ethylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
871	52-85-7	Famphur	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
872	70-30-4	Hexachlorophene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
873	1888-71-7	Hexachloropropene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
874	465-73-6	Isodrin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
875	28553-12-0	Isononylphthalate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
876	120-58-1	Isosafrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
877	143-50-0	Kepone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
878	91-80-5	Methapyrilene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
879	66-27-3	Methyl methanesulfonate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
880	298-00-0	Methyl parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
881	68-12-2	N,N-Dimethyl formamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
882	121-69-7	N,N-Dimethylaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
883	924-16-3	N-Nitrosodi-n-butylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
884	55-18-5	N-Nitrosodiethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
885	62-75-9	N-Nitrosodimethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
886	10595-95-6	N-Nitrosomethylethylamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
887	59-89-2	N-Nitrosomorpholine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
888	100-75-4	N-Nitrosopiperidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
889	930-55-2	N-Nitrosopyrrolidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
890	126-68-1	O,O,O-Triethylphosphorothioate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
891	95-53-4	o-Toluidine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

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Seq	Parameter	ng On Column					
		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
892 60-11-7	p-Dimethylaminoazobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
893 99-87-6	p-Cymene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
894 56-38-2	Parathion	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
895 608-93-5	Pentachlorobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
896 82-68-8	Pentachloronitrobenzene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
897 62-44-2	Phenacetin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
898 122-09-8	Phentermine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
899 101-84-8	Phenyl ether	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
900 298-02-2	Phorate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
901 85-44-9	Phthalic anhydride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
902 23950-58-5	Pronamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
903 110-86-1	Pyridine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
904 108-46-3	Resorcinol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
905 94-59-7	Safrole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
906 03689-24-5	Sulfotep	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
907 CL4TOL	Tetrachlorotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
908 297-97-2	Thionazin	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
909 1330-78-5	Tricresylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
910 78-40-0	Triethylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
911 115-86-6	Triphenylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
912 98-07-7	Benzotrichloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
913 94-99-5	a,2,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
914 2014-83-7	a,2,6-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
915 611-19-8	a,2-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
916 102-47-6	a,3,4-Trichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
917 620-20-2	a,3-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
918 104-83-6	a,4-Dichlorotoluene (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
919 98-87-3	Benzal Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
920 106-51-4	p-Benzoquinone	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
921 371-40-4	p-Fluoroaniline	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
922 100-22-1	p-Phenylenediamine, tetramethyl	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
923 106-50-3	p-Phenylenediamine	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
924 126-72-7	Tris(2,3-dibromopropyl)phospha	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
925 74-11-3	4-Chlorobenzoic Acid	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
926 2905-62-6	3,5-Dichlorobenzoyl Chloride	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
927 140-29-4	Benzeneacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
928 52181-51-8N	Chlorobenzotrifluoride N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
929 109-09-1N	Chloropyridine N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
930 C58	Octachlorocyclopentene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
931 127-19-5	N,N'-Dimethylacetamide	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
932 100-61-8N	Methylaniline N.O.S.	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
933 1462-03-9	Methylcyclopentanol	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
934 126-73-8	Tributylphosphate	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
940 112-40-3	n-Dodecane	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
990 95-80-7	2,4-Diaminotoluene	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
991 86-74-8	Carbazole	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
992 15950-66-0	2,3,4-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
993 933-78-8	2,3,5-Trichlorophenol (TIC)	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
994 109-99-9	Tetrahydrofuran	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
995 545-06-2	Trichloroacetonitrile	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
996 50-29-3	4,4'-DDT	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000
997 DUPONT-TIC1	TIC #1	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Date: 08/06/2008

ICC Profile

Page: 6

Time: 15:14:35

Rept: AN0287R

ICC Profile Code: A00014 8270 6pt THIRD EDITION: 5-160NG (continued)

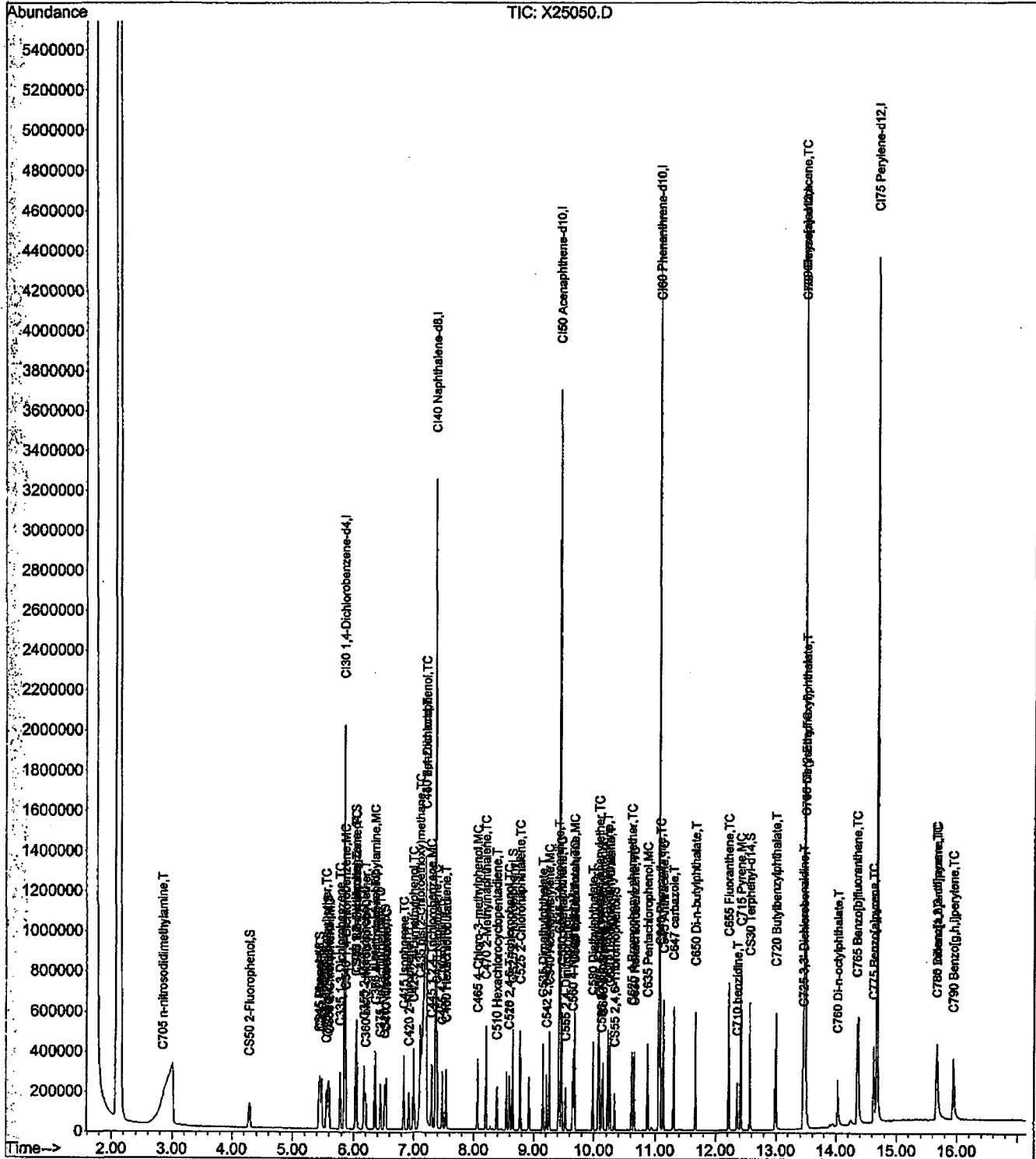
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		Point 1	Point 2	Point 3	Point 4	Point 5	Point 6
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999	TOTALPAH Total PAH	5.0000	20.0000	50.0000	80.0000	120.0000	160.0000

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25050.D
Acq On : 21 Jul 2008 9:00
Sample : SSTD005
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 21 14:53:18 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jul 18 12:33:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25050.D
 Acq On : 21 Jul 2008 9:00
 Sample : SSTD005
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:53:18 2008

Vial: 2
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	356961	40.00	ng	-0.02	276.23%
20) CI40 Naphthalene-d8	7.36	136	1408295	40.00	ng	-0.01	266.13%
35) CI50 Acenaphthene-d10	9.43	164	809240	40.00	ng	-0.01	285.37%
56) CI60 Phenanthrene-d10	11.06	188	1490825	40.00	ng	-0.02	293.47%
68) CI70 Chrysene-d12	13.47	240	1420767	40.00	ng	-0.02	279.10%
78) CI75 Perylene-d12	14.67	264	1419715	40.00	ng	-0.03	236.10%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	4.28	112	71982	5.87	ng	-0.02	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	3.91%#	
5) CS45 Phenol-d5	5.43	99	100181	6.49	ng	-0.03	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	4.33%#	
6) CS70 2-chlorophenol-d4	5.58	132	68634	5.33	ng	-0.02	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	3.55%#	
12) CS75 1,2-dichlorobenzene-d	6.03	152	44244	5.50	ng	-0.02	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	5.50%#	
21) CS20 Nitrobenzene-d5	6.51	82	83341	7.06	ng	-0.03	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	7.06%#	
39) CS25 2-Fluorobiphenyl	8.65	172	151551	5.15	ng	-0.02	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	5.15%#	
59) CS55 2,4,6-Tribromophenol	10.33	330	17198	3.97	ng	-0.02	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	2.65%#	
71) CS30 Terphenyl-d14	12.56	244	174910	5.05	ng	-0.02	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	5.05%#	
Target Compounds							
2) C705 n-nitrosodidimethylam	2.84	74	23479	5.94	ng		Qvalue # 68
4) C325 bis(2-Chloroethyl)eth	5.56	93	76241	6.41	ng		# 71
7) C315 Phenol	5.45	94	112248	6.86	ng		# 85
8) C330 2-Chlorophenol	5.60	128	75697	5.56	ng		# 90
9) C320 aniline	5.48	93	124706	6.68	ng		# 87
10) C335 1,3-Dichlorobenzene	5.78	146	79533	5.42	ng		# 100
11) C340 1,4-Dichlorobenzene	5.87	146	79694	5.42	ng		# 98
13) C350 1,2-Dichlorobenzene	6.05	146	76044	5.72	ng		# 98
14) C345 Benzyl alcohol	6.04	108	49286	6.28	ng		# 90
15) C360 bis(2-chloroisopropyl	6.20	45	102458	7.97	ng		# 88
16) C355 2-Methylphenol	6.17	108	69508	6.15	ng		# 99
17) C375 Hexachloroethane	6.44	117	28909	5.92	ng		# 95
18) C370 N-Nitroso-di-n-propyl	6.35	70	61163	7.92	ng		# 63
19) C365 4-Methylphenol	6.36	108	74994	6.63	ng		# 95
22) C410 Nitrobenzene	6.54	77	87441	7.30	ng		# 89
23) C415 Isophorone	6.83	82	160907	6.94	ng		# 94
24) C430 benzoic acid	7.20	122	907361	118.97	ng		# 67
25) C420 2-Nitrophenol	6.92	139	37508	4.90	ng		# 87
26) C425 2,4-Dimethylphenol	6.99	107	76688	6.74	ng		# 98
27) C435 bis(2-Chloroethoxy)me	7.11	93	93242	6.76	ng		# 93
28) C440 2,4-Dichlorophenol	7.21	162	58927	5.44	ng		# 96

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25050.D
 Acq On : 21 Jul 2008 9:00
 Sample : SSTD005
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:53:18 2008

Vial: 2
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.30	180	58444	4.99	ng		93
30) C450 Naphthalene	7.38	128	211630	5.87	ng		98
31) C455 4-Chloroaniline	7.47	127	88163	5.70	ng		96
32) C460 Hexachlorobutadiene	7.54	225	31438	4.82	ng		97
33) C465 4-Chloro-3-methylphen	8.06	107	65549	6.57	ng		99
34) C470 2-Methylnaphthalene	8.21	142	138308	5.69	ng		97
36) C510 Hexachlorocyclopentad	8.39	237	30752	3.33	ng		92
37) C515 2,4,6-Trichlorophenol	8.59	196	40939	4.46	ng		91
38) C520 2,4,5-Trichlorophenol	8.59	196	40939	4.46	ng		95
40) C525 2-Chloronaphthalene	8.77	162	130078	5.16	ng		96
41) C530 2-Nitroaniline	10.12	65	50079	7.97	ng		89
42) C540 Acenaphthylene	9.26	152	205805	5.18	ng		99
43) C535 Dimethylphthalate	9.15	163	154640	5.26	ng		98
44) C542 2,6-Dinitrotoluene	9.22	165	33542	4.65	ng		94
45) C550 Acenaphthene	9.47	153	130147	5.56	ng		98
46) C545 3-Nitroaniline	9.41	138	35801	4.89	ng		94
47) C555 2,4-Dinitrophenol	9.53	184	28053	11.30	ng	#	48
48) C565 Dibenzofuran	9.68	168	191581	5.41	ng		99
49) C570 2,4-Dinitrotoluene	9.68	165	47539	4.95	ng		72
50) C560 4-Nitrophenol	9.65	109	35387	12.30	ng	#	71
51) C590 Fluorene	10.07	166	152754	5.47	ng		97
52) C585 4-Chlorophenyl-phenyl	10.09	204	73759	5.10	ng		98
53) C580 Diethylphthalate	9.98	149	142713	5.19	ng		98
54) C620 1,2-diphenylhydrazine	10.26	77	166862	7.53	ng		85
55) C595 4-Nitroaniline	10.13	138	38422	5.12	ng		90
57) C610 4,6-Dinitro-2-methylp	10.14	198	41364	11.27	ng		100
58) C615 n-Nitrosodiphenylamin	10.22	169	109261	5.42	ng		97
60) C625 4-Bromophenyl-phenyle	10.62	248	39836	4.66	ng		95
61) C630 Hexachlorobenzene	10.65	284	42659	4.72	ng		89
62) C635 Pentachlorophenol	10.87	266	39239	10.93	ng		95
63) C640 Phenanthrene	11.08	178	224744	5.83	ng		98
64) C645 Anthracene	11.14	178	219780	5.60	ng		99
65) C647 carbazole	11.31	167	221661	5.90	ng		98
66) C650 Di-n-butylphthalate	11.66	149	234416	5.45	ng		99
67) C655 Fluoranthene	12.21	202	242456	5.68	ng		98
69) C715 Pyrene	12.41	202	253924	5.99	ng		94
70) C710 benzidine	12.35	184	83870	7.25	ng		99
72) C720 Butylbenzylphthalate	13.00	149	100839	5.57	ng		95
73) C725 3,3'-Dichlorobenzidin	13.44	252	66285	4.45	ng		97
74) C730 Benzo[a]anthracene	13.46	228	217575	5.35	ng		99
75) C735 Chrysene	13.49	228	253864	6.38	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.49	149	133117	5.43	ng		94
77) C760 Di-n-octylphthalate	14.02	149	151586	6.11	ng		99
79) C765 Benzo[b]fluoranthene	14.34	252	184892m	9.72	ng		99
80) C770 Benzo[k]fluoranthene	14.37	252	299313	Below Cal			99
81) C775 Benzo[a]pyrene	14.62	252	183308	4.86	ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.66	276	232554	7.22	ng		96
83) C785 Dibenz[a,h]anthracene	15.67	278	189330	6.81	ng		94
84) C790 Benzo[g,h,i]perylene	15.95	276	222230	4.99	ng		98

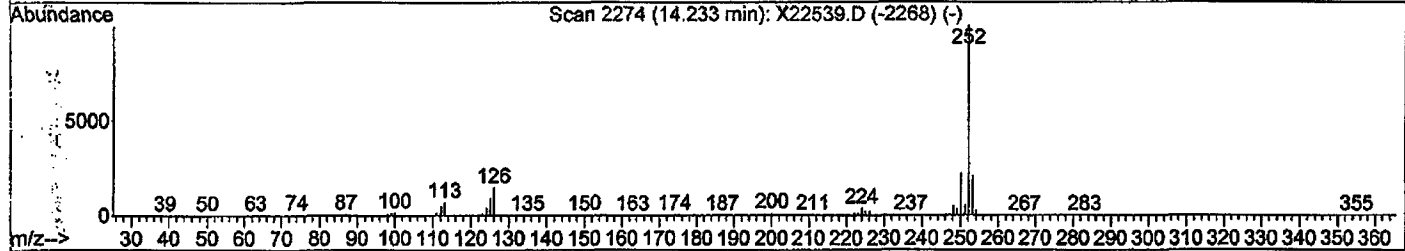
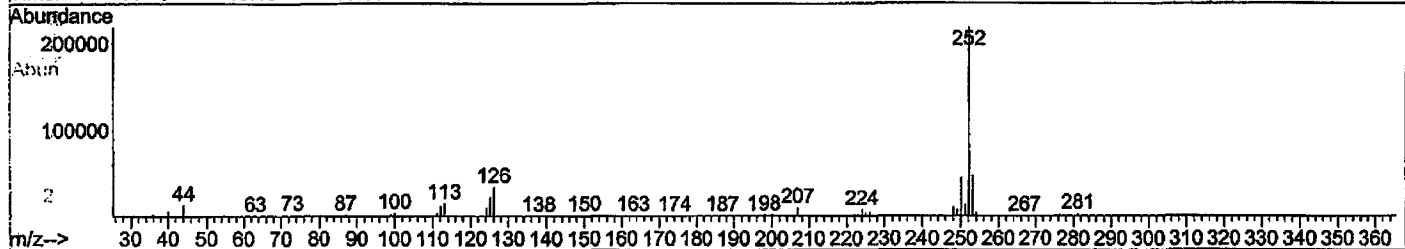
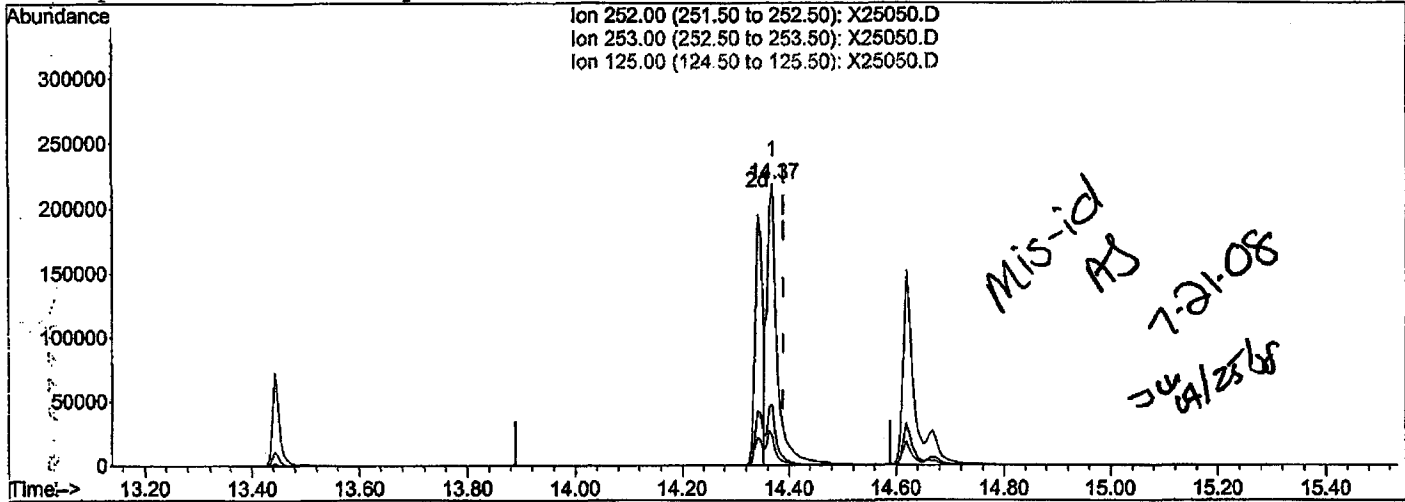
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\072108\X25050.D
 Acq On : 21 Jul 2008 9:00
 Sample : SST005
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:21 2008

Vial: 2
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Multiple Level Calibration



TIC: X25050.D

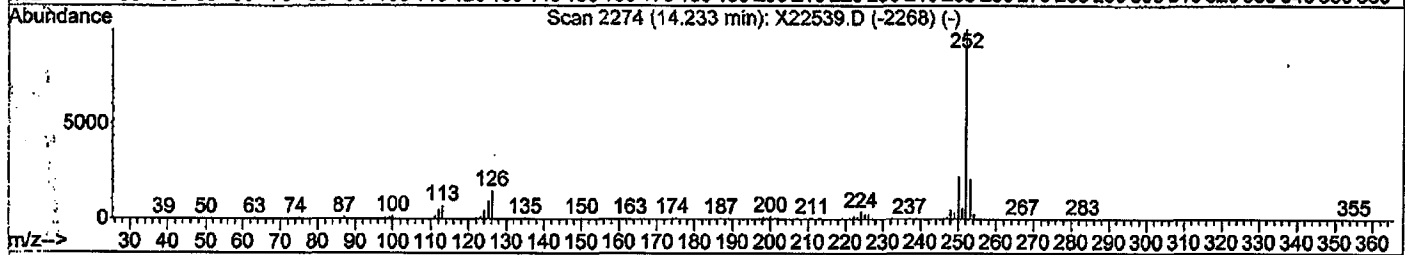
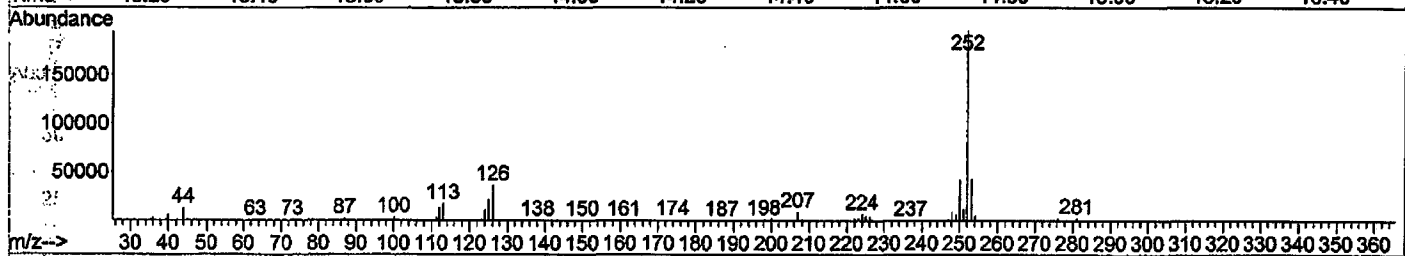
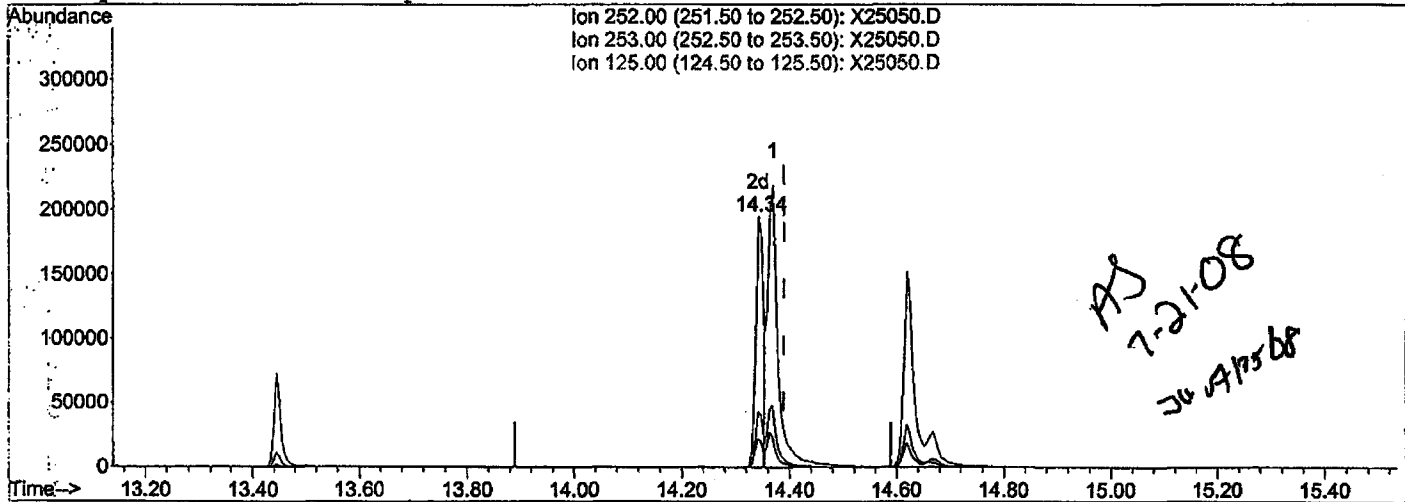
Time	Abun	Response	Ion	Exp%	Act%
(79) C765 Benzo[b]fluoranthene (TC)					
14.37min (-0.021)	11.93ng	293448	252.00	100	100
			253.00	21.10	21.95
			125.00	11.00	10.68
			0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\072108\X25050.D
 Acq On : 21 Jul 2008 9:00
 Sample : SSTD005
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:21 2008

Vial: 2
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Multiple Level Calibration



TIC: X25050.D

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.98
125.00	11.00	11.19
0.00	0.00	0.00

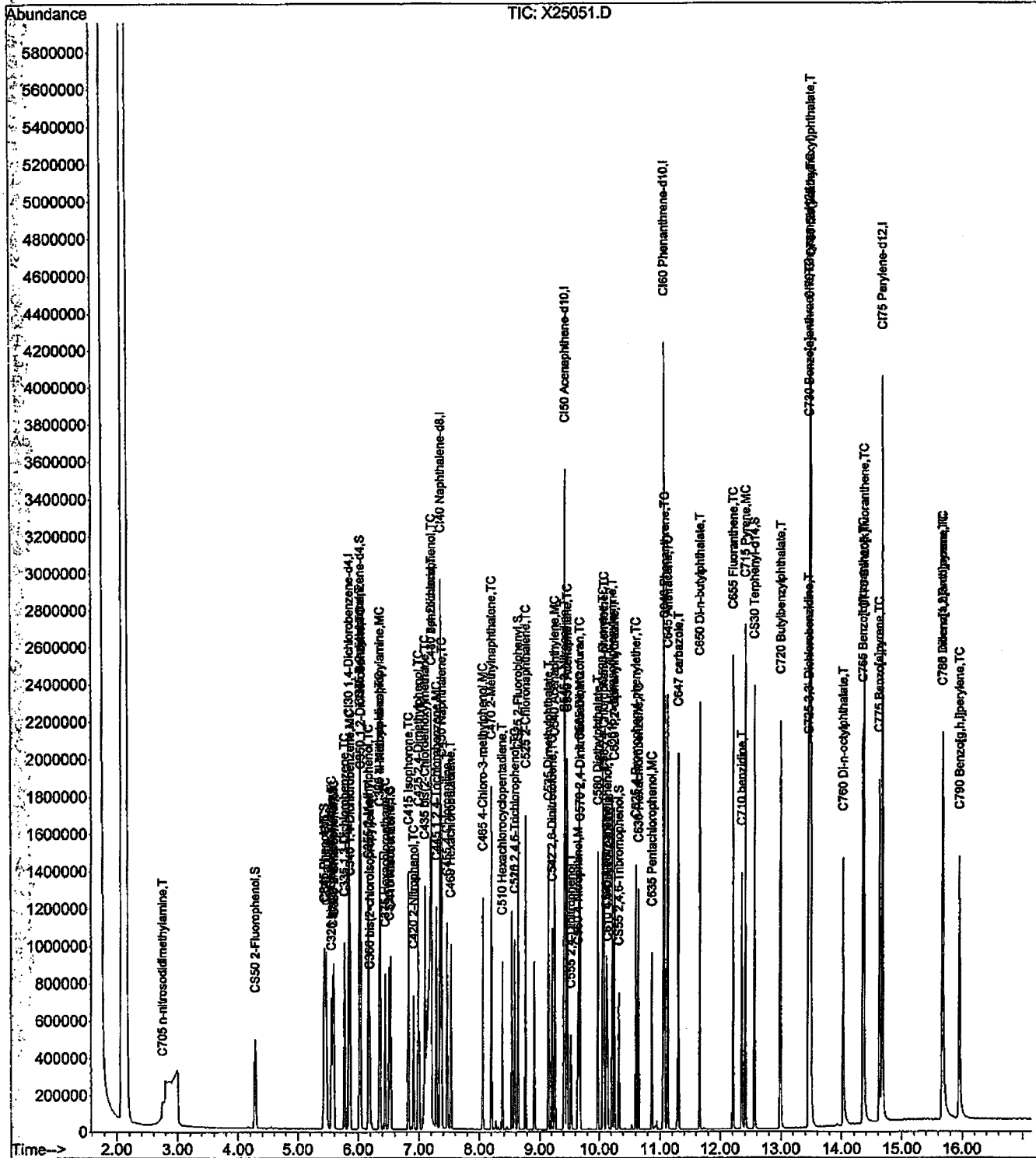
(79) C765 Benzo[b]fluoranthene (TC)
 14.34min (-0.048) 9.72ng m
 response 184892

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25051.D
Acq On : 21 Jul 2008 9:22
Sample : SST020
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 21 14:54:13 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jul 18 12:33:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25051.D
 Acq On : 21 Jul 2008 9:22
 Sample : SSTD020
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:54:13 2008

Vial: 3
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	341594	40.00	ng	-0.02 264.33%
20) CI40 Naphthalene-d8	7.36	136	1323086	40.00	ng	-0.02 250.03%
35) CI50 Acenaphthene-d10	9.43	164	758450	40.00	ng	-0.02 267.46%
56) CI60 Phenanthrene-d10	11.06	188	1376844	40.00	ng	-0.02 271.03%
68) CI70 Chrysene-d12	13.47	240	1351325	40.00	ng	-0.03 265.46%
78) CI75 Perylene-d12	14.67	264	1373485	40.00	ng	-0.03 228.41%

System Monitoring Compounds

33) CS50 2-Fluorophenol	4.28	112	266510	22.70	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery =	15.13%	#	
35) CS45 Phenol-d5	5.43	99	374048	25.31	ng	-0.03
Spiked Amount 150.000	Range 10 - 110		Recovery =	16.87%	#	
36) CS70 2-chlorophenol-d4	5.58	132	253135	20.55	ng	-0.03
Spiked Amount 150.000	Range 33 - 110		Recovery =	13.70%	#	
32) CS75 1,2-dichlorobenzene-d	6.03	152	160975	20.91	ng	-0.02
Spiked Amount 100.000	Range 16 - 110		Recovery =	20.91%	#	
21) CS20 Nitrobenzene-d5	6.51	82	304928	27.49	ng	-0.03
Spiked Amount 100.000	Range 34 - 114		Recovery =	27.49%	#	
39) CS25 2-Fluorobiphenyl	8.64	172	540109	19.59	ng	-0.03
Spiked Amount 100.000	Range 43 - 116		Recovery =	19.59%	#	
59) CS55 2,4,6-Tribromophenol	10.33	330	67419	16.84	ng	-0.03
Spiked Amount 150.000	Range 10 - 123		Recovery =	11.23%	#	
71) CS30 Terphenyl-d14	12.56	244	632005	19.19	ng	-0.02
Spiked Amount 100.000	Range 33 - 141		Recovery =	19.19%	#	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.74	74	166747	25.94	ng	85
4) C325 bis(2-Chloroethyl)eth	5.56	93	289199	25.40	ng	# 67
37) C315 Phenol	5.45	94	415226	26.51	ng	81
38) C330 2-Chlorophenol	5.60	128	275949	21.20	ng	90
9) C320 aniline	5.47	93	470459	26.35	ng	# 67
10) C335 1,3-Dichlorobenzene	5.78	146	289923	20.66	ng	99
11) C340 1,4-Dichlorobenzene	5.87	146	294267	20.90	ng	98
13) C350 1,2-Dichlorobenzene	6.05	146	273069	21.47	ng	99
14) C345 Benzyl alcohol	6.04	108	191923	25.56	ng	86
15) C360 bis(2-chloroisopropyl	6.20	45	370415	30.10	ng	88
16) C355 2-Methylphenol	6.17	108	258046	23.87	ng	99
17) C375 Hexachloroethane	6.44	117	108535	23.22	ng	90
18) C370 N-Nitroso-di-n-propyl	6.35	70	224066	30.30	ng	# 61
19) C365 4-Methylphenol	6.36	108	272372	25.18	ng	95
22) C410 Nitrobenzene	6.53	77	317394	28.19	ng	91
23) C415 Isophorone	6.83	82	597520	27.44	ng	94
24) C430 benzoic acid	7.21	122	1054434	133.15	ng	# 68
25) C420 2-Nitrophenol	6.91	139	140947	19.59	ng	86
26) C425 2,4-Dimethylphenol	6.99	107	283475	26.51	ng	96
27) C435 bis(2-Chloroethoxy)me	7.10	93	335361	25.89	ng	96
28) C440 2,4-Dichlorophenol	7.20	162	214315	21.05	ng	96

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25051.D
 Acq On : 21 Jul 2008 9:22
 Sample : SSTD020
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:54:13 2008

Vial: 3
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.29	180	215487	19.59	ng		95
30) C450 Naphthalene	7.38	128	754731	22.30	ng		98
31) C455 4-Chloroaniline	7.47	127	321817	22.15	ng		99
32) C460 Hexachlorobutadiene	7.53	225	113260	18.47	ng		98
33) C465 4-Chloro-3-methylphen	8.06	107	246535	26.31	ng		98
34) C470 2-Methylnaphthalene	8.20	142	491848	21.54	ng		99
36) C510 Hexachlorocyclopentad	8.38	237	133238	15.39	ng		93
37) C515 2,4,6-Trichlorophenol	8.59	196	152919	17.78	ng		98
38) C520 2,4,5-Trichlorophenol	8.59	196	152919	17.78	ng		99
40) C525 2-Chloronaphthalene	8.77	162	469046	19.86	ng		99
41) C530 2-Nitroaniline	10.12	65	179010	30.39	ng		93
42) C540 Acenaphthylene	9.25	152	761619	20.45	ng		99
43) C535 Dimethylphthalate	9.15	163	553732	20.10	ng	100	
44) C542 2,6-Dinitrotoluene	9.21	165	130916	19.36	ng		90
45) C550 Acenaphthene	9.46	153	459701	20.95	ng		99
46) C545 3-Nitroaniline	9.41	138	141541	20.61	ng		95
47) C555 2,4-Dinitrophenol	9.53	184	68977	19.78	ng	#	49
48) C565 Dibenzofuran	9.67	168	679678	20.48	ng		97
49) C570 2,4-Dinitrotoluene	9.68	165	178110	19.80	ng		91
50) C560 4-Nitrophenol	9.64	109	74032	27.46	ng	#	67
51) C590 Fluorene	10.06	166	553388	21.16	ng		98
52) C585 4-Chlorophenyl-phenyl	10.08	204	252217	18.59	ng		90
53) C580 Diethylphthalate	9.98	149	524259	20.34	ng		98
54) C620 1,2-diphenylhydrazine	10.25	77	615767	29.65	ng		86
55) C595 4-Nitroaniline	10.12	138	148502	21.12	ng		95
57) C610 4,6-Dinitro-2-methylp	10.14	198	92534	21.25	ng		100
58) C615 n-Nitrosodiphenylamin	10.22	169	396763	21.30	ng		98
60) C625 4-Bromophenyl-phenyle	10.61	248	140400	17.79	ng	#	85
61) C630 Hexachlorobenzene	10.65	284	144073	17.25	ng		85
62) C635 Pentachlorophenol	10.87	266	87528	19.95	ng		97
63) C640 Phenanthrene	11.08	178	769982	21.64	ng		99
64) C645 Anthracene	11.13	178	793747	21.92	ng		98
65) C647 carbazole	11.31	167	791235	22.80	ng		98
66) C650 Di-n-butylphthalate	11.66	149	898299	22.62	ng		99
67) C655 Fluoranthene	12.20	202	872731	22.14	ng		100
69) C715 Pyrene	12.41	202	904908	22.43	ng		96
70) C710 benzidine	12.35	184	422474	22.70	ng		100
72) C720 Butylbenzylphthalate	13.00	149	414178	24.05	ng		97
73) C725 3,3'-Dichlorobenzidin	13.44	252	292175	20.64	ng		99
74) C730 Benzo[a]anthracene	13.45	228	823725	21.32	ng		99
75) C735 Chrysene	13.49	228	811541	21.43	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.48	149	551992	23.66	ng		92
77) C760 Di-n-octylphthalate	14.02	149	809510	20.96	ng		99
79) C765 Benzo[b]fluoranthene	14.35	252	858244m	23.99	ng		98
80) C770 Benzo[k]fluoranthene	14.37	252	970906	13.05	ng		99
81) C775 Benzo[a]pyrene	14.62	252	780817	21.39	ng		96
82) C780 Indeno[1,2,3-cd]pyren	15.67	276	962993	21.45	ng		99
83) C785 Dibenz[a,h]anthracene	15.68	278	803970	21.76	ng		94
84) C790 Benzo[g,h,i]perylene	15.95	276	866378	20.12	ng		95

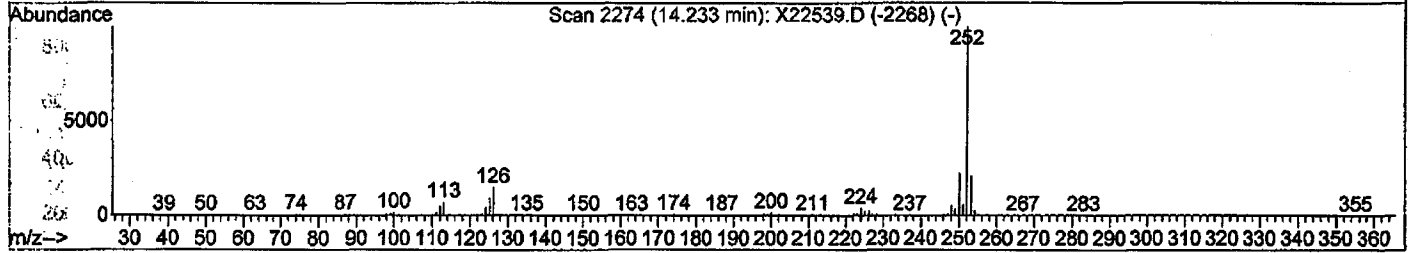
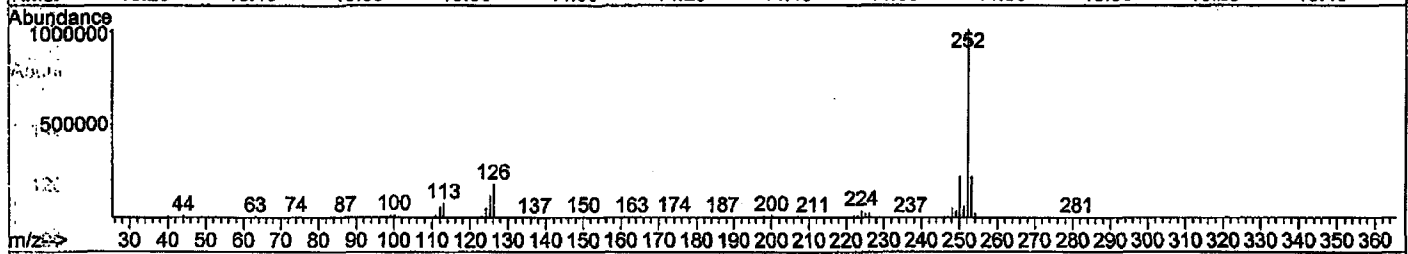
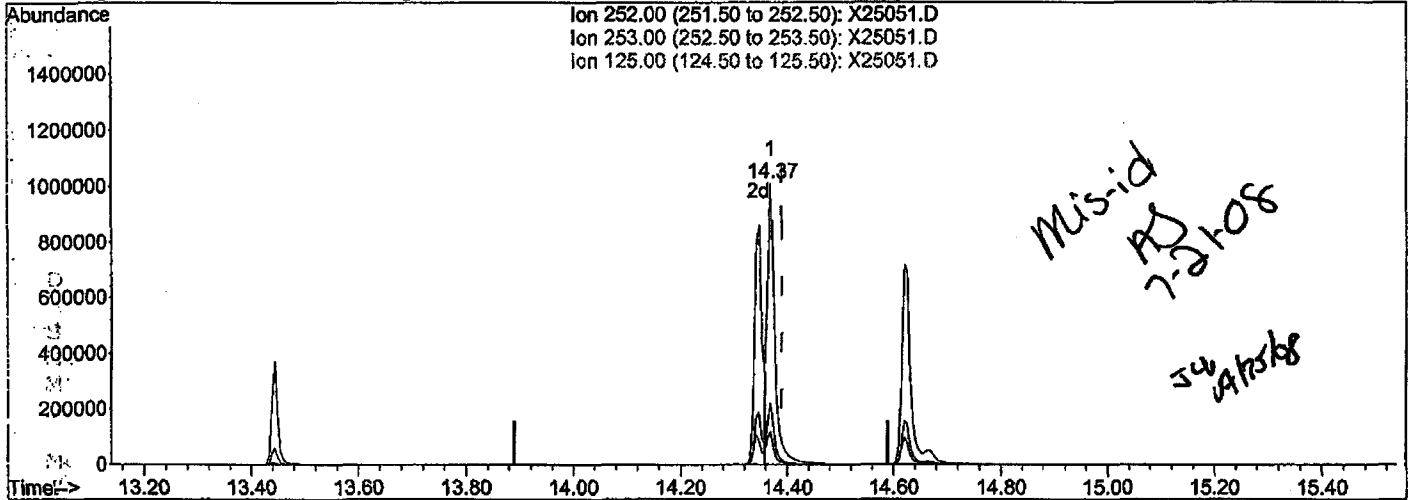
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\072108\X25051.D
 Acq On : 21 Jul 2008 9:22
 Sample : SSTD020
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:23 2008

Vial: 3
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Multiple Level Calibration



TIC: X25051.D

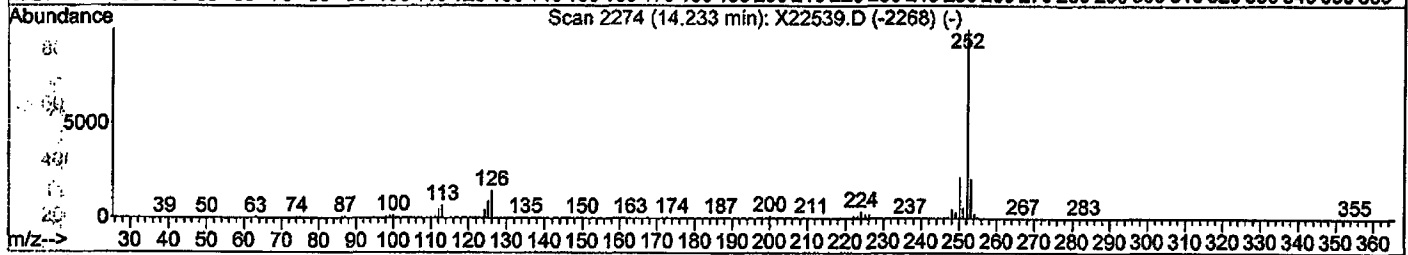
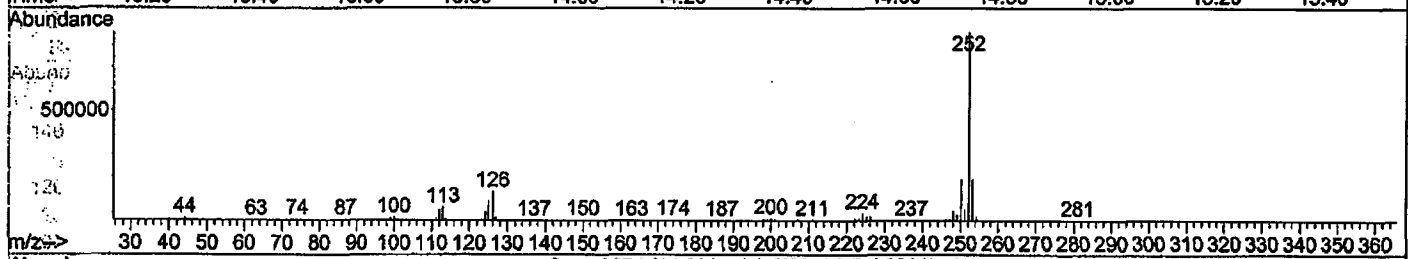
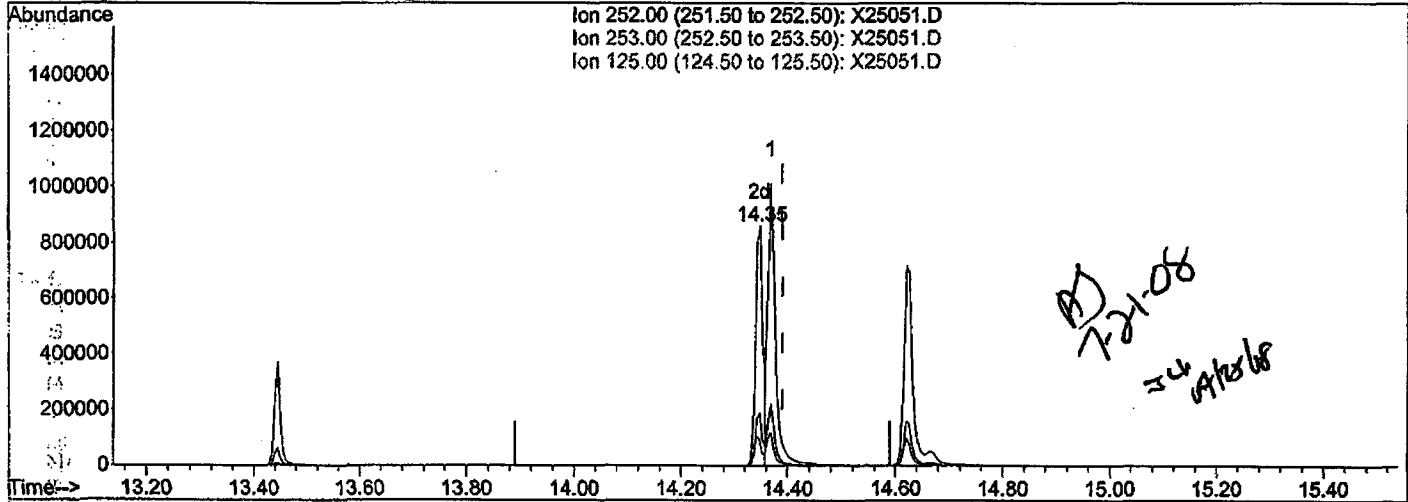
(79) C765 Benzo[b]fluoranthene (TC)		
14.37min (-0.021) 26.33ng		
response 969714		
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.88
125.00	11.00	11.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\072108\X25051.D
 Acq On : 21 Jul 2008 9:22
 Sample : SSTD020
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:23 2008

Vial: 3
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Multiple Level Calibration



TIC: X25051.D

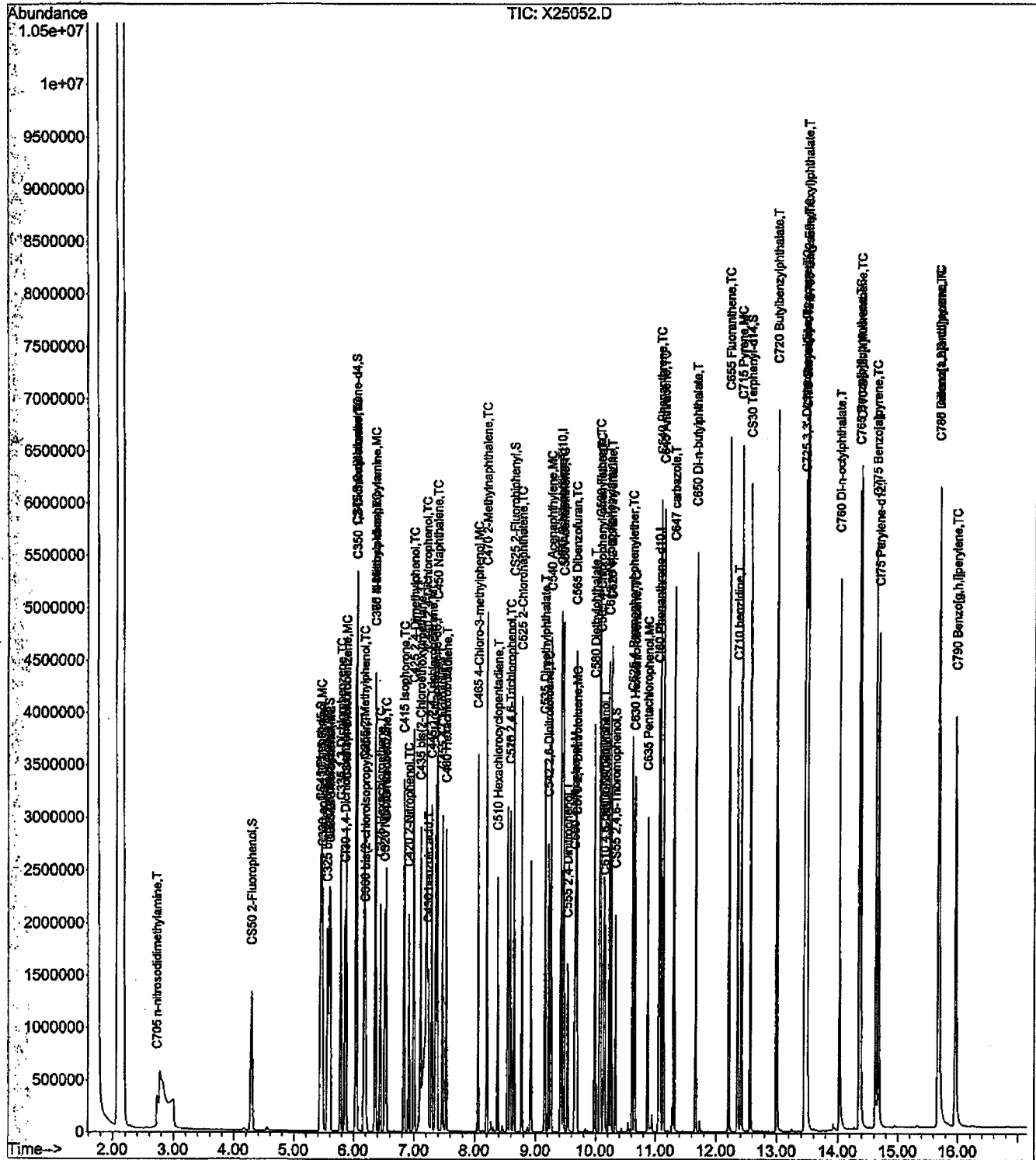
(79) C765 Benzo[b]fluoranthene (TC)		
14.35min (-0.043)	23.99ng m	
response	858244	
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.93
125.00	11.00	10.52
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25052.D
Acq On : 21 Jul 2008 9:45
Sample : SSTD050
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 4
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 21 14:54:31 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jul 18 12:33:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25052.D
 Acq On : 21 Jul 2008 9:45
 Sample : SSTD050
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:54:31 2008

Vial: 4
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	375869	40.00	ng	-0.02 290.86%
20) CI40 Naphthalene-d8	7.36	136	1495305	40.00	ng	-0.02 282.57%
35) CI50 Acenaphthene-d10	9.43	164	823133	40.00	ng	-0.02 290.27%
56) CI60 Phenanthrene-d10	11.06	188	1534161	40.00	ng	-0.02 302.00%
68) CI70 Chrysene-d12	13.47	240	1451803	40.00	ng	-0.02 285.20%
78) CI75 Perylene-d12	14.68	264	1516858	40.00	ng	-0.02 252.25%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.29	112	771663	59.73	ng	-0.02
Spiked Amount	150.000	Range 21 - 110	Recovery =	39.82%		
5) CS45 Phenol-d5	5.44	99	1067722	65.65	ng	-0.03
Spiked Amount	150.000	Range 10 - 110	Recovery =	43.77%		
6) CS70 2-chlorophenol-d4	5.58	132	708591	52.27	ng	-0.02
Spiked Amount	150.000	Range 33 - 110	Recovery =	34.85%		
12) CS75 1,2-dichlorobenzene-d	6.03	152	432479	51.05	ng	-0.02
Spiked Amount	100.000	Range 16 - 110	Recovery =	51.05%		
21) CS20 Nitrobenzene-d5	6.52	82	865059	69.00	ng	-0.02
Spiked Amount	100.000	Range 34 - 114	Recovery =	69.00%		
39) CS25 2-Fluorobiphenyl	8.64	172	1463632	48.91	ng	-0.02
Spiked Amount	100.000	Range 43 - 116	Recovery =	48.91%		
59) CS55 2,4,6-Tribromophenol	10.33	330	191262	42.88	ng	-0.02
Spiked Amount	150.000	Range 10 - 123	Recovery =	28.59%		
71) CS30 Terphenyl-d14	12.56	244	1683060	47.57	ng	-0.02
Spiked Amount	100.000	Range 33 - 141	Recovery =	47.57%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.73	74	523578	68.80	ng	83
4) C325 bis(2-Chloroethyl)eth	5.56	93	811961	64.81	ng	# 69
7) C315 Phenol	5.45	94	1169850	67.89	ng	88
8) C330 2-Chlorophenol	5.60	128	780958	54.52	ng	92
9) C320 aniline	5.48	93	1309153	66.64	ng	# 67
10) C335 1,3-Dichlorobenzene	5.78	146	795077	51.48	ng	99
11) C340 1,4-Dichlorobenzene	5.87	146	801212	51.71	ng	99
13) C350 1,2-Dichlorobenzene	6.05	146	753132	53.82	ng	97
14) C345 Benzyl alcohol	6.04	108	536893	64.99	ng	# 86
15) C360 bis(2-chloroisopropyl	6.20	45	1007111	74.38	ng	88
16) C355 2-Methylphenol	6.18	108	731829	61.52	ng	98
17) C375 Hexachloroethane	6.44	117	297846	57.91	ng	95
18) C370 N-Nitroso-di-n-propyl	6.35	70	618066	75.97	ng	# 60
19) C365 4-Methylphenol	6.36	108	769703	64.66	ng	96
22) C410 Nitrobenzene	6.54	77	887658	69.75	ng	90
23) C415 Isophorone	6.83	82	1682791	68.37	ng	93
24) C430 benzoic acid	7.23	122	1544484	157.86	ng	# 68
25) C420 2-Nitrophenol	6.91	139	411271	50.57	ng	87
26) C425 2,4-Dimethylphenol	6.99	107	798997	66.12	ng	100
27) C435 bis(2-Chloroethoxy)me	7.11	93	921727	62.96	ng	95
28) C440 2,4-Dichlorophenol	7.20	162	597781	51.95	ng	98

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25052.D
 Acq On : 21 Jul 2008 9:45
 Sample : SSTD050
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:54:31 2008

Vial: 4
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.29	180	592580	47.66	ng	94
30) C450 Naphthalene	7.38	128	2104829	55.02	ng	99
31) C455 4-Chloroaniline	7.47	127	891109	54.26	ng	100
32) C460 Hexachlorobutadiene	7.53	225	309247	44.62	ng	98
33) C465 4-Chloro-3-methylphen	8.06	107	710285	67.07	ng	96
34) C470 2-Methylnaphthalene	8.20	142	1362180	52.78	ng	100
36) C510 Hexachlorocyclopentad	8.38	237	390550	41.56	ng	94
37) C515 2,4,6-Trichlorophenol	8.59	196	431572	46.24	ng	99
38) C520 2,4,5-Trichlorophenol	8.59	196	431572	46.24	ng	98
40) C525 2-Chloronaphthalene	8.77	162	1262319	49.25	ng	98
41) C530 2-Nitroaniline	10.14	65	498711	78.02	ng	92
42) C540 Acenaphthylene	9.26	152	2091836	51.76	ng	98
43) C535 Dimethylphthalate	9.15	163	1529220	51.15	ng	99
44) C542 2,6-Dinitrotoluene	9.22	165	367704	50.10	ng	95
45) C550 Acenaphthene	9.47	153	1235384	51.89	ng	99
46) C545 3-Nitroaniline	9.42	138	403853	54.18	ng	93
47) C555 2,4-Dinitrophenol	9.53	184	234151	48.96	ng	# 55
48) C565 Dibenzofuran	9.67	168	1836245	50.97	ng	97
49) C570 2,4-Dinitrotoluene	9.69	165	500233	51.24	ng	86
50) C560 4-Nitrophenol	9.65	109	216037	73.84	ng	# 75
51) C590 Fluorene	10.07	166	1471573	51.85	ng	97
52) C585 4-Chlorophenyl-phenyl	10.08	204	684985	46.53	ng	94
53) C580 Diethylphthalate	9.99	149	1424903	50.94	ng	98
54) C620 1,2-diphenylhydrazine	10.26	77	1632678	72.45	ng	84
55) C595 4-Nitroaniline	10.14	138	423965	55.57	ng	94
57) C610 4,6-Dinitro-2-methylp	10.15	198	291623	52.32	ng	100
58) C615 n-Nitrosodiphenylamin	10.22	169	1085922	52.33	ng	97
60) C625 4-Bromophenyl-phenyle	10.61	248	379858	43.19	ng	89
61) C630 Hexachlorobenzene	10.65	284	383246	41.19	ng	82
62) C635 Pentachlorophenol	10.87	266	266532	46.65	ng	99
63) C640 Phenanthrene	11.08	178	2038765	51.41	ng	100
64) C645 Anthracene	11.14	178	2114997	52.41	ng	99
65) C647 carbazole	11.31	167	2140943	55.38	ng	97
66) C650 Di-n-butylphthalate	11.66	149	2460290	55.60	ng	99
67) C655 Fluoranthene	12.21	202	2320565	52.84	ng	98
69) C715 Pyrene	12.41	202	2381831	54.94	ng	95
70) C710 benzidine	12.35	184	1270386	56.98	ng	99
72) C720 Butylbenzylphthalate	13.00	149	1143779	61.82	ng	96
73) C725 3,3'-Dichlorobenzidin	13.45	252	843294	55.45	ng	99
74) C730 Benzo[a]anthracene	13.46	228	2145649	51.68	ng	99
75) C735 Chrysene	13.50	228	2092334	51.43	ng	100
76) C740 bis(2-Ethylhexyl)phth	13.49	149	1565885	62.48	ng	94
77) C760 Di-n-octylphthalate	14.03	149	2764143	60.32	ng	99
79) C765 Benzo[b]fluoranthene	14.35	252	2379650m	51.21	ng	99
80) C770 Benzo[k]fluoranthene	14.38	252	2568193	60.25	ng	98
81) C775 Benzo[a]pyrene	14.63	252	2363322	58.61	ng	96
82) C780 Indeno[1,2,3-cd]pyren	15.68	276	2820094	52.12	ng	98
83) C785 Dibenz[a,h]anthracene	15.69	278	2382476	54.37	ng	92
84) C790 Benzo[g,h,i]perylene	15.97	276	2490556	52.36	ng	95

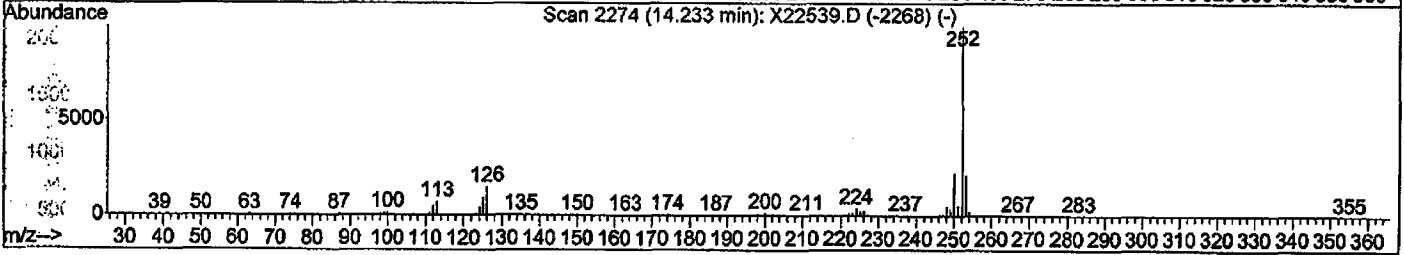
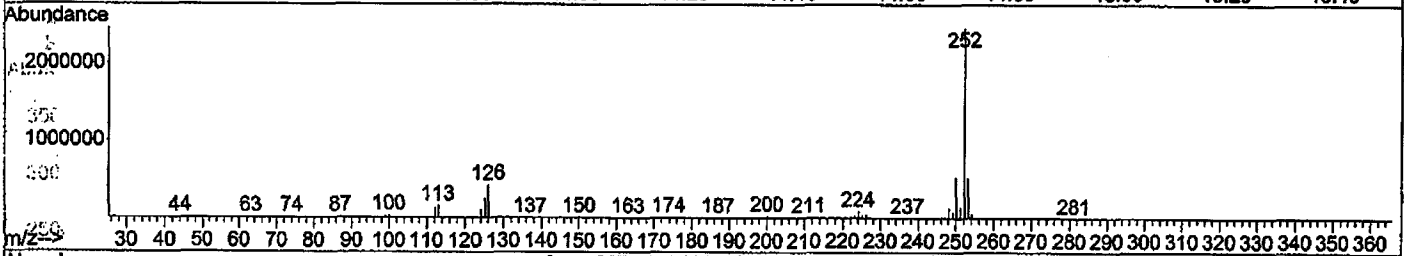
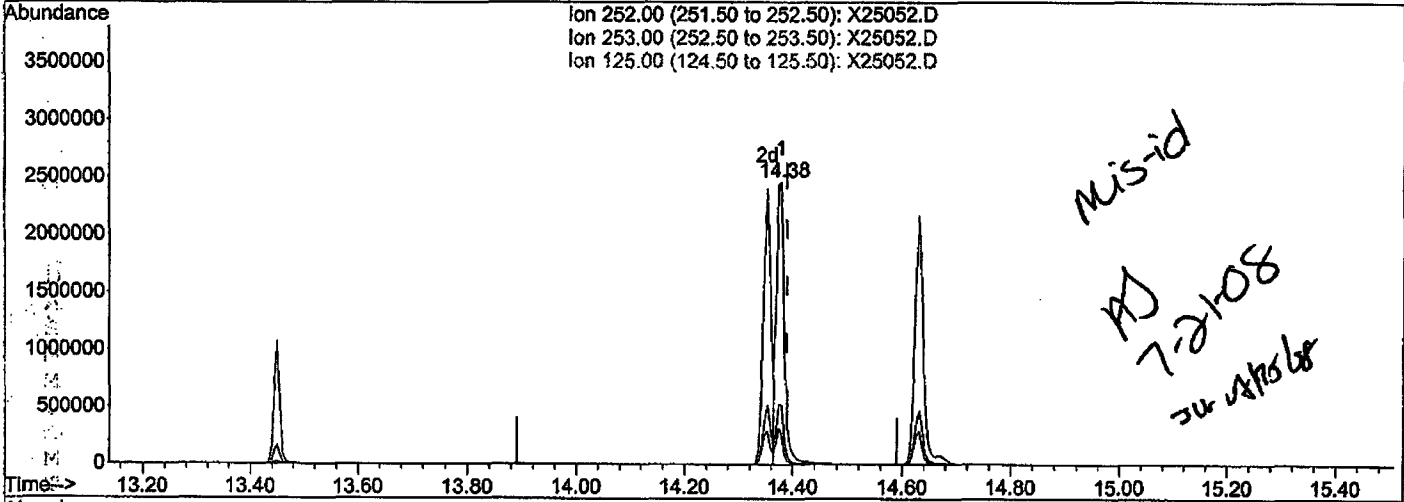
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\072108\X25052.D
 Acq On : 21 Jul 2008 9:45
 Sample : SSTD050
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:25 2008

Vial: 4
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\AB10548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Multiple Level Calibration



TIC: X25052.D

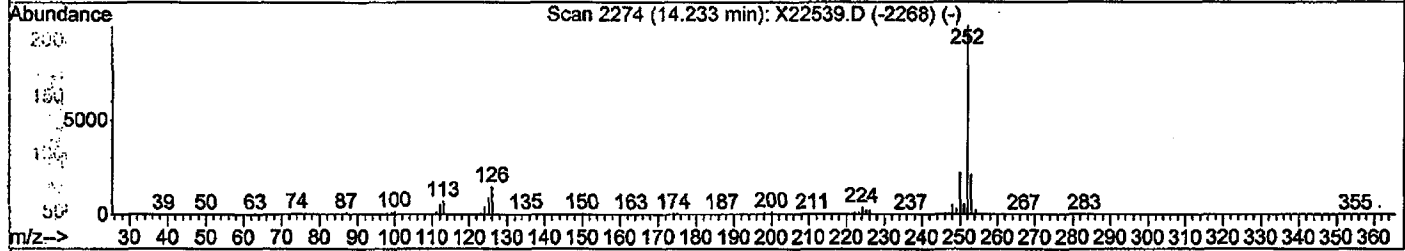
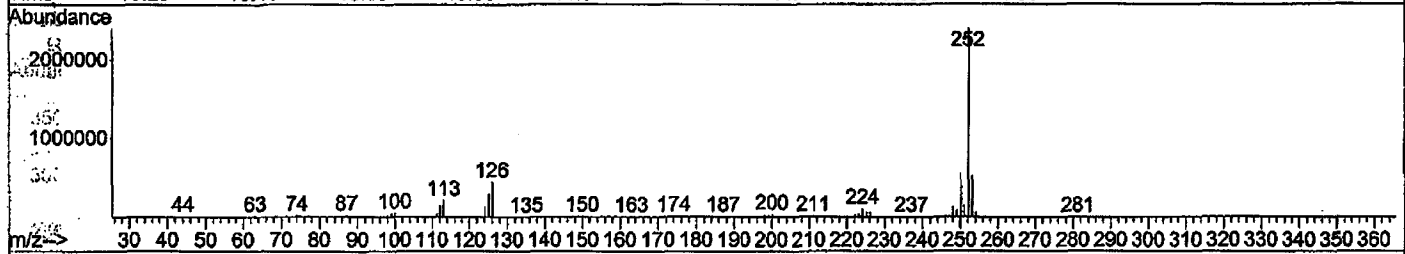
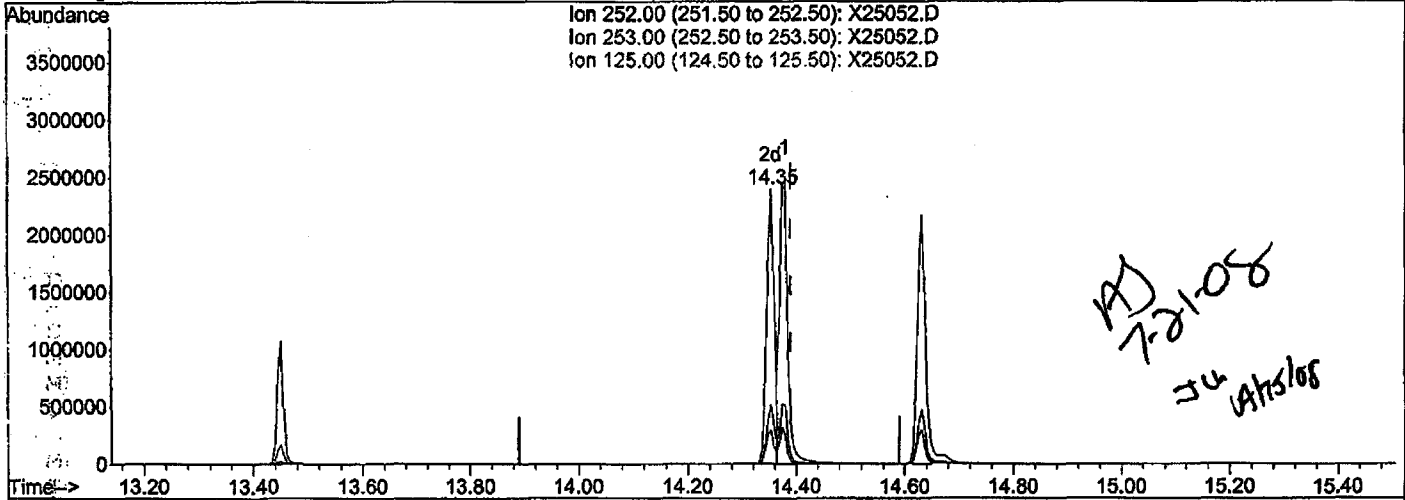
Time	Area	Response	Ion	Exp%	Act%
(79) C765 Benzo[b]fluoranthene (TC)					
14.38min (-0.011)	54.79ng	2568193	252.00	100	100
			253.00	21.10	21.02
			125.00	11.00	10.28
			0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\072108\X25052.D
 Acq On : 21 Jul 2008 9:45
 Sample : SSTD050
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:25 2008

Vial: 4
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Multiple Level Calibration



TIC: X25052.D

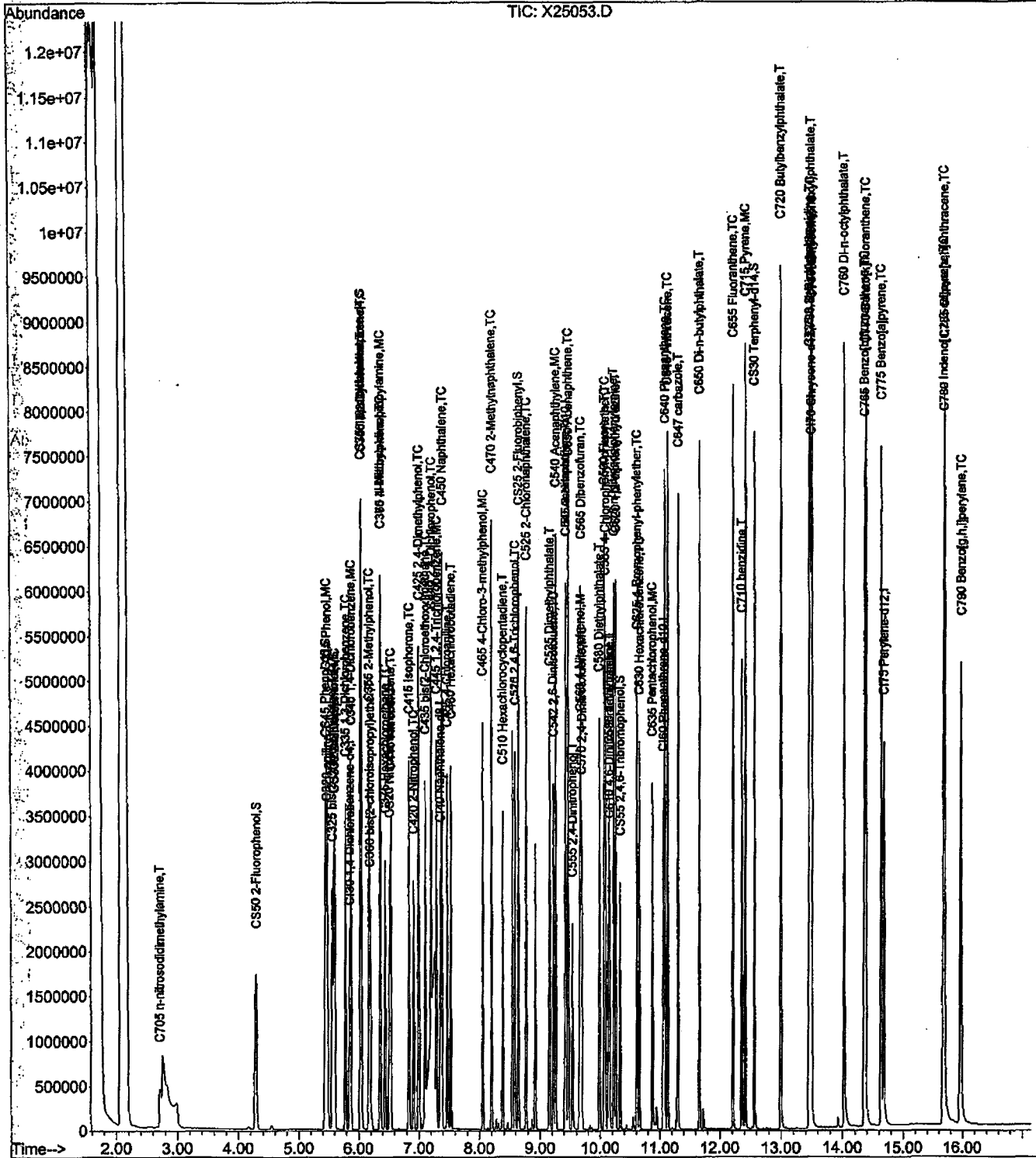
(79) C765 Benzo[b]fluoranthene (TC)		
14.35min (-0.037) 51.21ng m		
response 2379650		
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.69
125.00	11.00	12.32
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25053.D
Acq On : 21 Jul 2008 10:08
Sample : SST080
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 5
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 21 14:55:19 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jul 18 12:33:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25053.D
 Acq On : 21 Jul 2008 10:08
 Sample : SSTD080
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:55:19 2008

Vial: 5
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	333117	40.00	ng	-0.02 257.77%
20) CI40 Naphthalene-d8	7.36	136	1331992	40.00	ng	-0.02 251.71%
35) CI50 Acenaphthene-d10	9.43	164	717070	40.00	ng	-0.02 252.87%
56) CI60 Phenanthrene-d10	11.06	188	1369575	40.00	ng	-0.02 269.60%
68) CI70 Chrysene-d12	13.48	240	1270405	40.00	ng	-0.02 249.57%
78) CI75 Perylene-d12	14.68	264	1395212	40.00	ng	-0.02 232.02%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.29	112	1096957	95.81	ng	-0.02
Spiked Amount	150.000	Range	21 - 110	Recovery	=	63.87%
5) CS45 Phenol-d5	5.44	99	1511901	104.89	ng	-0.02
Spiked Amount	150.000	Range	10 - 110	Recovery	=	69.93%
6) CS70 2-chlorophenol-d4	5.59	132	1017281	84.67	ng	-0.02
Spiked Amount	150.000	Range	33 - 110	Recovery	=	56.45%
12) CS75 1,2-dichlorobenzene-d	6.03	152	603861	80.43	ng	-0.02
Spiked Amount	100.000	Range	16 - 110	Recovery	=	80.43%
21) CS20 Nitrobenzene-d5	6.52	82	1223388	109.55	ng	-0.02
Spiked Amount	100.000	Range	34 - 114	Recovery	=	109.55%
39) CS25 2-Fluorobiphenyl	8.64	172	2014218	77.26	ng	-0.02
Spiked Amount	100.000	Range	43 - 116	Recovery	=	77.26%
59) CS55 2,4,6-Tribromophenol	10.34	330	267903	67.28	ng	-0.02
Spiked Amount	150.000	Range	10 - 123	Recovery	=	44.85%
71) CS30 Terphenyl-d14	12.56	244	2349340	75.88	ng	-0.02
Spiked Amount	100.000	Range	33 - 141	Recovery	=	75.88%
Target Compounds						
2) C705 n-nitrosodidimethylam	2.71	74	765420	111.65	ng	Qvalue 82
4) C325 bis(2-Chloroethyl)eth	5.56	93	1146050	103.21	ng	# 67
7) C315 Phenol	5.46	94	1638706	107.30	ng	99
8) C330 2-Chlorophenol	5.60	128	1106854	87.18	ng	92
9) C320 aniline	5.48	93	1829801	105.10	ng	# 69
10) C335 1,3-Dichlorobenzene	5.78	146	1131581	82.67	ng	98
11) C340 1,4-Dichlorobenzene	5.87	146	1138855	82.94	ng	99
13) C350 1,2-Dichlorobenzene	6.05	146	1032684	83.27	ng	98
14) C345 Benzyl alcohol	6.04	108	750822	102.54	ng	# 84
15) C360 bis(2-chloroisopropyl	6.20	45	1404423	117.04	ng	87
16) C355 2-Methylphenol	6.18	108	1023951	97.12	ng	98
17) C375 Hexachloroethane	6.44	117	426255	93.51	ng	95
18) C370 N-Nitroso-di-n-propyl	6.36	70	861984	119.54	ng	# 58
19) C365 4-Methylphenol	6.37	108	1075522	101.94	ng	96
22) C410 Nitrobenzene	6.54	77	1240820	109.46	ng	90
23) C415 Isophorone	6.84	82	2343980	106.92	ng	92
24) C430 benzoic acid	7.27	122	2255707	Below Cal		# 68
25) C420 2-Nitrophenol	6.91	139	584802	80.73	ng	88
26) C425 2,4-Dimethylphenol	6.99	107	1106196	102.77	ng	98
27) C435 bis(2-Chloroethoxy)me	7.11	93	1293600	99.19	ng	95
28) C440 2,4-Dichlorophenol	7.21	162	832374	81.21	ng	97

Quantitation Report (QT Reviewed)

Data File : D:\DATA\072108\X25053.D
 Acq On : 21 Jul 2008 10:08
 Sample : SSTD080
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:55:19 2008

Vial: 5
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.29	180	830867	75.01	ng		93
30) C450 Naphthalene	7.38	128	2940003	86.27	ng		99
31) C455 4-Chloroaniline	7.47	127	1253035	85.66	ng		99
32) C460 Hexachlorobutadiene	7.53	225	434410	70.36	ng		98
33) C465 4-Chloro-3-methylphen	8.06	107	981465	104.03	ng		96
34) C470 2-Methylnaphthalene	8.20	142	1898226	82.57	ng		98
36) C510 Hexachlorocyclopentad	8.38	237	556794	68.01	ng		96
37) C515 2,4,6-Trichlorophenol	8.59	196	595538	73.25	ng		98
38) C520 2,4,5-Trichlorophenol	8.59	196	595538	73.25	ng		99
40) C525 2-Chloronaphthalene	8.77	162	1767459	79.15	ng		97
41) C530 2-Nitroaniline	10.14	65	701278	125.93	ng		92
42) C540 Acenaphthylene	9.26	152	2908373	82.60	ng		98
43) C535 Dimethylphthalate	9.16	163	2108200	80.95	ng		100
44) C542 2,6-Dinitrotoluene	9.22	165	518632	81.12	ng		92
45) C550 Acenaphthene	9.47	153	1713912	82.63	ng		97
46) C545 3-Nitroaniline	9.43	138	559666	86.20	ng		90
47) C555 2,4-Dinitrophenol	9.54	184	345300	78.68	ng	#	53
48) C565 Dibenzofuran	9.67	168	2513936	80.11	ng		94
49) C570 2,4-Dinitrotoluene	9.69	165	698195	82.09	ng		88
50) C560 4-Nitrophenol	9.66	109	303190	118.96	ng	#	82
51) C590 Fluorene	10.07	166	2005468	81.12	ng		97
52) C585 4-Chlorophenyl-phenyl	10.08	204	925317	72.15	ng		91
53) C580 Diethylphthalate	9.99	149	1999512	82.05	ng		98
54) C620 1,2-diphenylhydrazine	10.26	77	2209195	112.53	ng		83
55) C595 4-Nitroaniline	10.15	138	593059	89.23	ng		91
57) C610 4,6-Dinitro-2-methylp	10.16	198	419978	81.80	ng		100
58) C615 n-Nitrosodiphenylamin	10.23	169	1513082	81.68	ng		97
60) C625 4-Bromophenyl-phenyle	10.61	248	529846	67.49	ng	#	85
61) C630 Hexachlorobenzene	10.65	284	533434	64.22	ng		80
62) C635 Pentachlorophenol	10.87	266	375880	71.05	ng		99
63) C640 Phenanthrene	11.09	178	2799260	79.08	ng		99
64) C645 Anthracene	11.14	178	2919498	81.04	ng		100
65) C647 carbazole	11.31	167	2961559	85.81	ng		97
66) C650 Di-n-butylphthalate	11.66	149	3384947	85.69	ng		99
67) C655 Fluoranthene	12.21	202	3176020	81.01	ng		94
69) C715 Pyrene	12.42	202	3271913	86.25	ng		91
70) C710 benzidine	12.35	184	1817836	90.85	ng		99
72) C720 Butylbenzylphthalate	13.00	149	1568849	96.90	ng		95
73) C725 3,3'-Dichlorobenzidin	13.45	252	1184693	89.01	ng		96
74) C730 Benzo[a]anthracene	13.47	228	3000434	82.59	ng		99
75) C735 Chrysene	13.50	228	2858609	80.30	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.49	149	2177487	99.29	ng		94
77) C760 Di-n-octylphthalate	14.03	149	3995395	97.76	ng		99
79) C765 Benzo[b]fluoranthene	14.36	252	3497745m	78.26	ng		97
80) C770 Benzo[k]fluoranthene	14.38	252	3373400	94.94	ng		98
81) C775 Benzo[a]pyrene	14.64	252	3299938	88.98	ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.68	276	4016985	79.13	ng		97
83) C785 Dibenz[a,h]anthracene	15.70	278	3324355	81.23	ng		93
84) C790 Benzo[g,h,i]perylene	15.98	276	3548634	81.11	ng		95

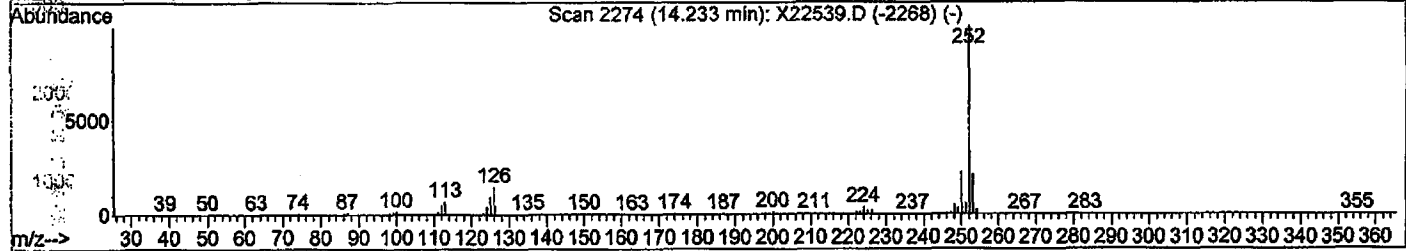
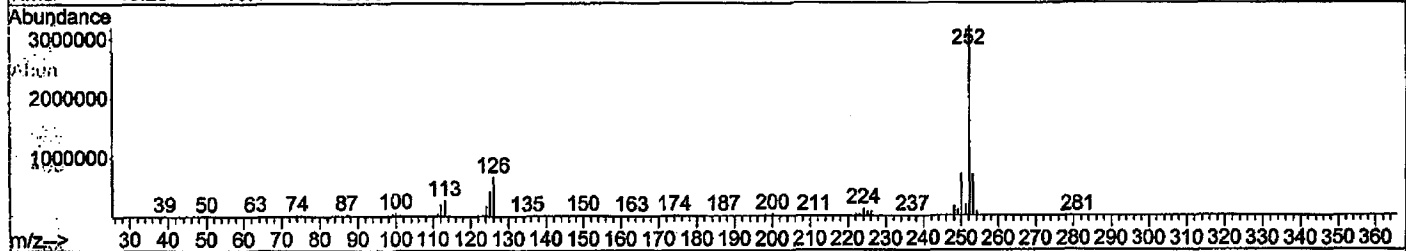
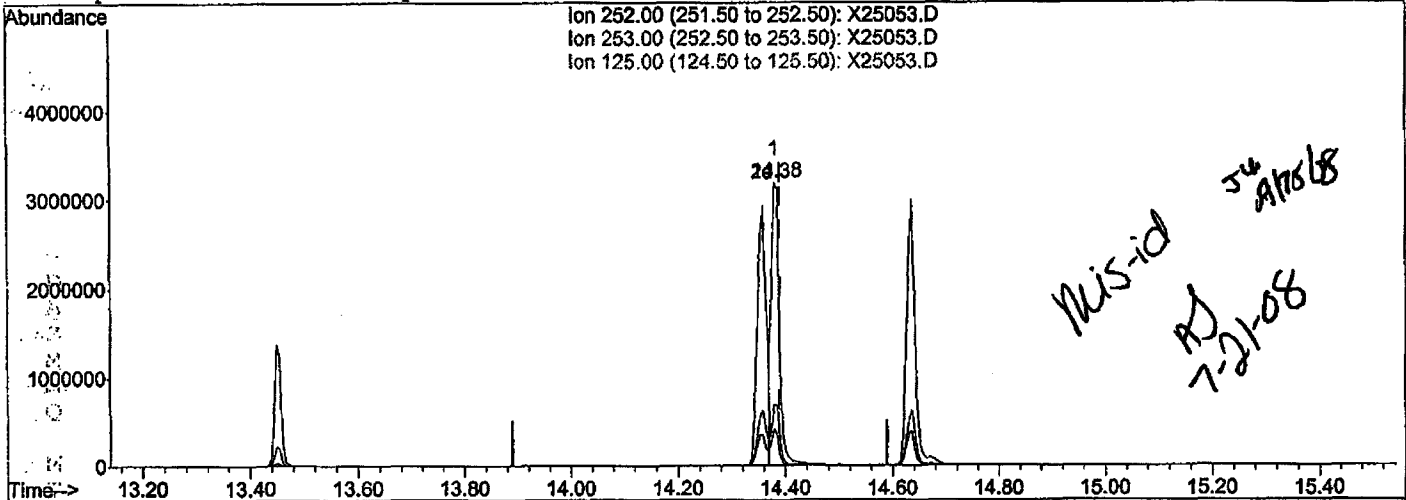
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\DATA\072108\X25053.D
 Acq On : 21 Jul 2008 10:08
 Sample : SSTD080
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:27 2008

Vial: 5
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Multiple Level Calibration



TIC: X25053.D

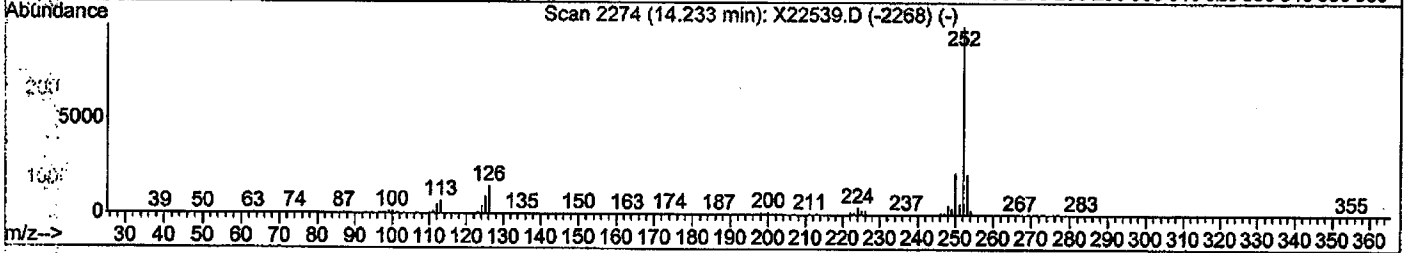
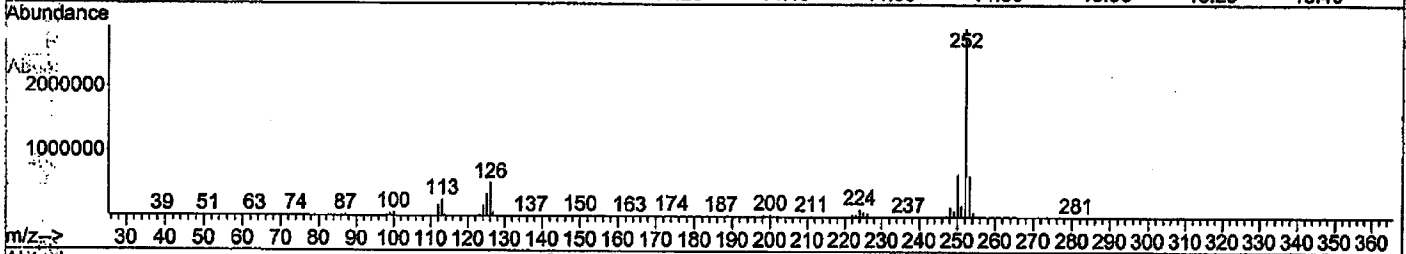
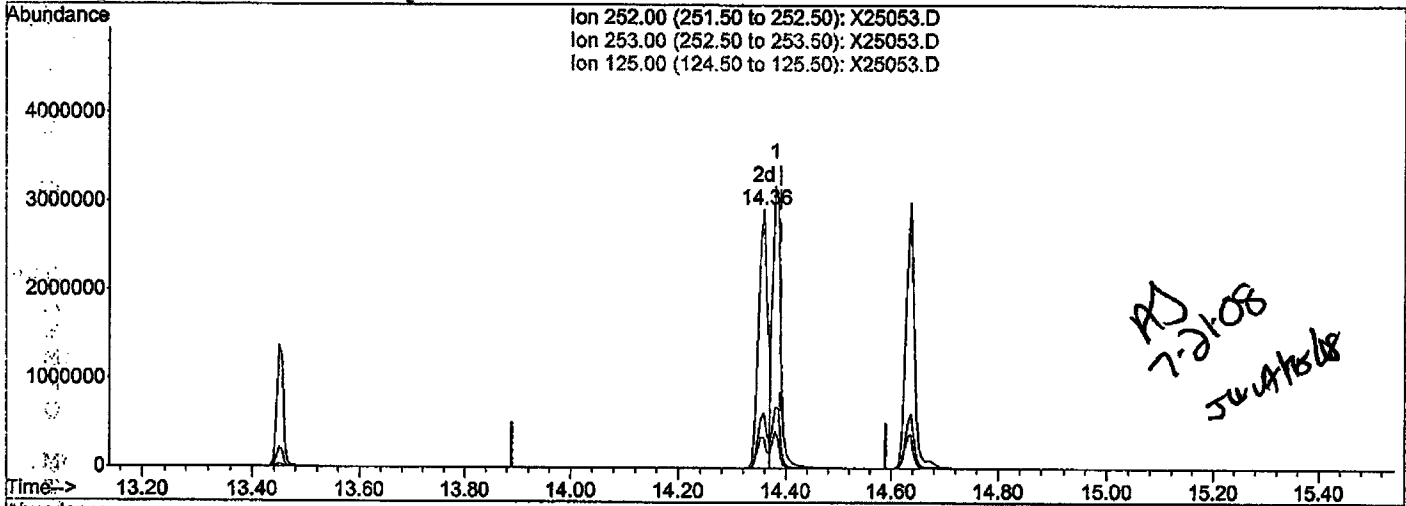
Time	Abundance	Identified Compound
14.38min (-0.011)	75.59ng	(79) C765 Benzo[b]fluoranthene (TC)
response	3368249	
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.68
125.00	11.00	13.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\DATA\072108\X25053.D
 Acq On : 21 Jul 2008 10:08
 Sample : SST080
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:27 2008

Vial: 5
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A810548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Multiple Level Calibration



TIC: X25053.D

(79) C765 Benzo[b]fluoranthene (TC)

14.36min (-0.032) 78.26ng m

response 3497745

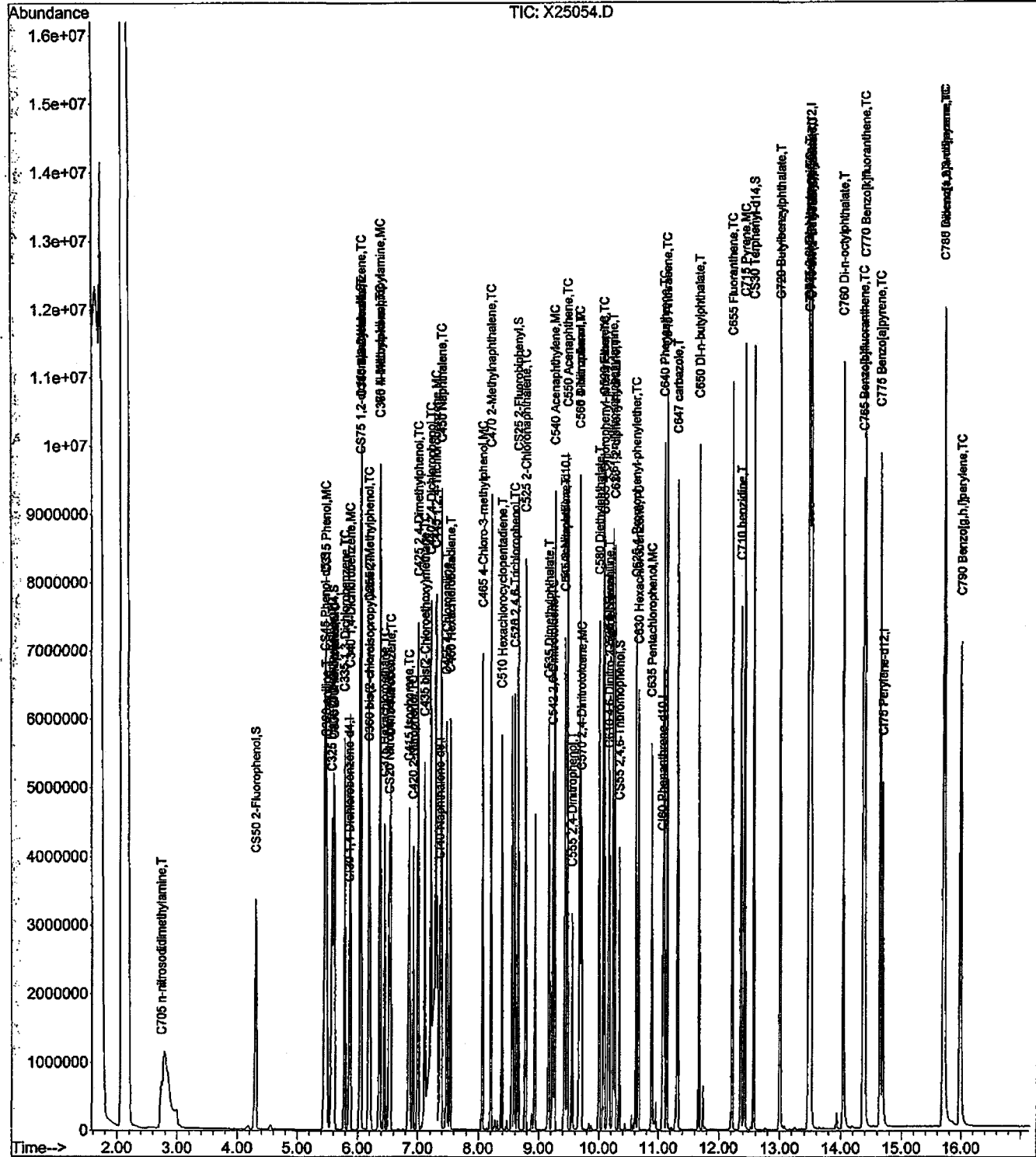
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.46
125.00	11.00	11.77
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072108\X25054.D
Acq On : 21 Jul 2008 10:31
Sample : SSTD120
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 6
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 21 14:51:29 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jul 18 12:33:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072108\X25054.D
 Acq On : 21 Jul 2008 10:31
 Sample : SSTD120
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:29 2008

Vial: 6
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	394806	40.00	ng	-0.01 305.51%
20) CI40 Naphthalene-d8	7.36	136	1592090	40.00	ng	-0.01 300.86%
35) CI50 Acenaphthene-d10	9.43	164	842845	40.00	ng	-0.01 297.22%
56) CI60 Phenanthrene-d10	11.06	188	1627850	40.00	ng	-0.02 320.45%
68) CI70 Chrysene-d12	13.48	240	1403739	40.00	ng	-0.01 275.76%
78) CI75 Perylene-d12	14.68	264	1619489	40.00	ng	-0.02 269.32%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.31	112	1847360	136.14	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	90.76%
5) CS45 Phenol-d5	5.45	99	2488726	145.68	ng	-0.01
Spiked Amount	150.000	Range	10 - 110	Recovery	=	97.12%
6) CS70 2-chlorophenol-d4	5.59	132	1675739	117.68	ng	-0.01
Spiked Amount	150.000	Range	33 - 110	Recovery	=	78.45%
12) CS75 1,2-dichlorobenzene-d	6.04	152	969608	108.97	ng	-0.01
Spiked Amount	100.000	Range	16 - 110	Recovery	=	108.97%
21) CS20 Nitrobenzene-d5	6.52	82	2015370	150.98	ng	-0.02
Spiked Amount	100.000	Range	34 - 114	Recovery	=	150.98%#
39) CS25 2-Fluorobiphenyl	8.65	172	3224375	105.23	ng	-0.02
Spiked Amount	100.000	Range	43 - 116	Recovery	=	105.23%
59) CS55 2,4,6-Tribromophenol	10.34	330	444010	93.81	ng	-0.01
Spiked Amount	150.000	Range	10 - 123	Recovery	=	62.54%
71) CS30 Terphenyl-d14	12.57	244	3699856	108.14	ng	-0.01
Spiked Amount	100.000	Range	33 - 141	Recovery	=	108.14%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.74	74	1318351	160.98	ng	79
4) C325 bis(2-Chloroethyl)eth	5.57	93	1867783	141.93	ng	# 66
7) C315 Phenol	5.48	94	2625683	145.06	ng	94
8) C330 2-Chlorophenol	5.61	128	1824196	121.24	ng	93
9) C320 aniline	5.49	93	2953026	143.11	ng	# 68
10) C335 1,3-Dichlorobenzene	5.79	146	1842104	113.56	ng	98
11) C340 1,4-Dichlorobenzene	5.88	146	1851403	113.76	ng	97
13) C350 1,2-Dichlorobenzene	6.05	146	1613071	109.74	ng	98
14) C345 Benzyl alcohol	6.05	108	1196150	137.84	ng	# 78
15) C360 bis(2-chloroisopropyl	6.20	45	2162364	152.05	ng	82
16) C355 2-Methylphenol	6.18	108	1661850	132.99	ng	99
17) C375 Hexachloroethane	6.44	117	681561	126.16	ng	100
18) C370 N-Nitroso-di-n-propyl	6.37	70	1357377	158.83	ng	# 58
19) C365 4-Methylphenol	6.37	108	1699351	135.90	ng	95
22) C410 Nitrobenzene	6.55	77	2021254	149.17	ng	88
23) C415 Isophorone	6.85	82	3915814	149.43	ng	92
24) C430 benzoic acid	7.28	122	2871763	Below Cal		# 68
25) C420 2-Nitrophenol	6.92	139	978377	113.00	ng	85
26) C425 2,4-Dimethylphenol	7.00	107	1712729	133.12	ng	99
27) C435 bis(2-Chloroethoxy)me	7.11	93	2093379	134.29	ng	95
28) C440 2,4-Dichlorophenol	7.21	162	1358425	110.89	ng	98

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072108\X25054.D
 Acq On : 21 Jul 2008 10:31
 Sample : SSTD120
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:29 2008

Vial: 6
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.30	180	1294513	97.78	ng	94
30) C450 Naphthalene	7.39	128	4704283	115.49	ng	99
31) C455 4-Chloroaniline	7.47	127	2040834	116.72	ng	100
32) C460 Hexachlorobutadiene	7.53	225	689220	93.39	ng	97
33) C465 4-Chloro-3-methylphen	8.06	107	1606675	142.48	ng	97
34) C470 2-Methylnaphthalene	8.21	142	2983039	108.56	ng	100
36) C510 Hexachlorocyclopentad	8.38	237	905116	94.06	ng	95
37) C515 2,4,6-Trichlorophenol	8.59	196	984326	103.00	ng	97
38) C520 2,4,5-Trichlorophenol	8.59	196	984326	103.00	ng	99
40) C525 2-Chloronaphthalene	8.77	162	2833233	107.95	ng	95
41) C530 2-Nitroaniline	10.16	65	1087793	166.19	ng	87
42) C540 Acenaphthylene	9.26	152	4632130	111.93	ng	98
43) C535 Dimethylphthalate	9.16	163	3456424	112.92	ng	99
44) C542 2,6-Dinitrotoluene	9.23	165	850460	113.17	ng	88
45) C550 Acenaphthene	9.47	153	2709066	111.12	ng	97
46) C545 3-Nitroaniline	9.44	138	943991	123.69	ng	94
47) C555 2,4-Dinitrophenol	9.55	184	596843	112.84	ng	# 53
48) C565 Dibenzofuran	9.68	168	3871458	104.96	ng	80
49) C570 2,4-Dinitrotoluene	9.70	165	1157182	115.75	ng	88
50) C560 4-Nitrophenol	9.67	109	478820	159.83	ng	# 14
51) C590 Fluorene	10.07	166	3137990	107.98	ng	98
52) C585 4-Chlorophenyl-phenyl	10.09	204	1463407	97.08	ng	96
53) C580 Diethylphthalate	10.00	149	3201039	111.75	ng	98
54) C620 1,2-diphenylhydrazine	10.26	77	3378654	146.42	ng	81
55) C595 4-Nitroaniline	10.16	138	964633	123.47	ng	90
57) C610 4,6-Dinitro-2-methylp	10.17	198	686550	110.91	ng	100
58) C615 n-Nitrosodiphenylamin	10.23	169	2413291	109.60	ng	98
60) C625 4-Bromophenyl-phenyle	10.62	248	854384	91.56	ng	88
61) C630 Hexachlorobenzene	10.66	284	864404	87.55	ng	81
62) C635 Pentachlorophenol	10.88	266	637574	99.46	ng	98
63) C640 Phenanthrene	11.09	178	4404553	104.68	ng	100
64) C645 Anthracene	11.14	178	4493924	104.95	ng	99
65) C647 carbazole	11.32	167	4669966	113.84	ng	97
66) C650 Di-n-butylphthalate	11.67	149	5278900	112.43	ng	99
67) C655 Fluoranthene	12.22	202	4976126	106.78	ng	90
69) C715 Pyrene	12.42	202	5134395	122.49	ng	89
70) C710 benzidine	12.36	184	2841864	127.02	ng	100
72) C720 Butylbenzylphthalate	13.00	149	2304079	128.79	ng	93
73) C725 3,3'-Dichlorobenzidin	13.45	252	1883718	128.09	ng	98
74) C730 Benzo[a]anthracene	13.47	228	4733443	117.91	ng	99
75) C735 Chrysene	13.50	228	4474258	113.75	ng	99
76) C740 bis(2-Ethylhexyl)phth	13.49	149	3205836	132.29	ng	98
77) C760 Di-n-octylphthalate	14.03	149	6307569	138.44	ng	99
79) C765 Benzo[b]fluoranthene	14.36	252	5560348	104.98	ng	98
80) C770 Benzo[k]fluoranthene	14.39	252	5344931	137.18	ng	99
81) C775 Benzo[a]pyrene	14.64	252	5202382	120.85	ng	97
82) C780 Indeno[1,2,3-cd]pyren	15.71	276	6439928	108.19	ng	92
83) C785 Dibenz[a,h]anthracene	15.72	278	5355603	111.82	ng	95
84) C790 Benzo[g,h,i]perylene	15.99	276	5564962	109.58	ng	94

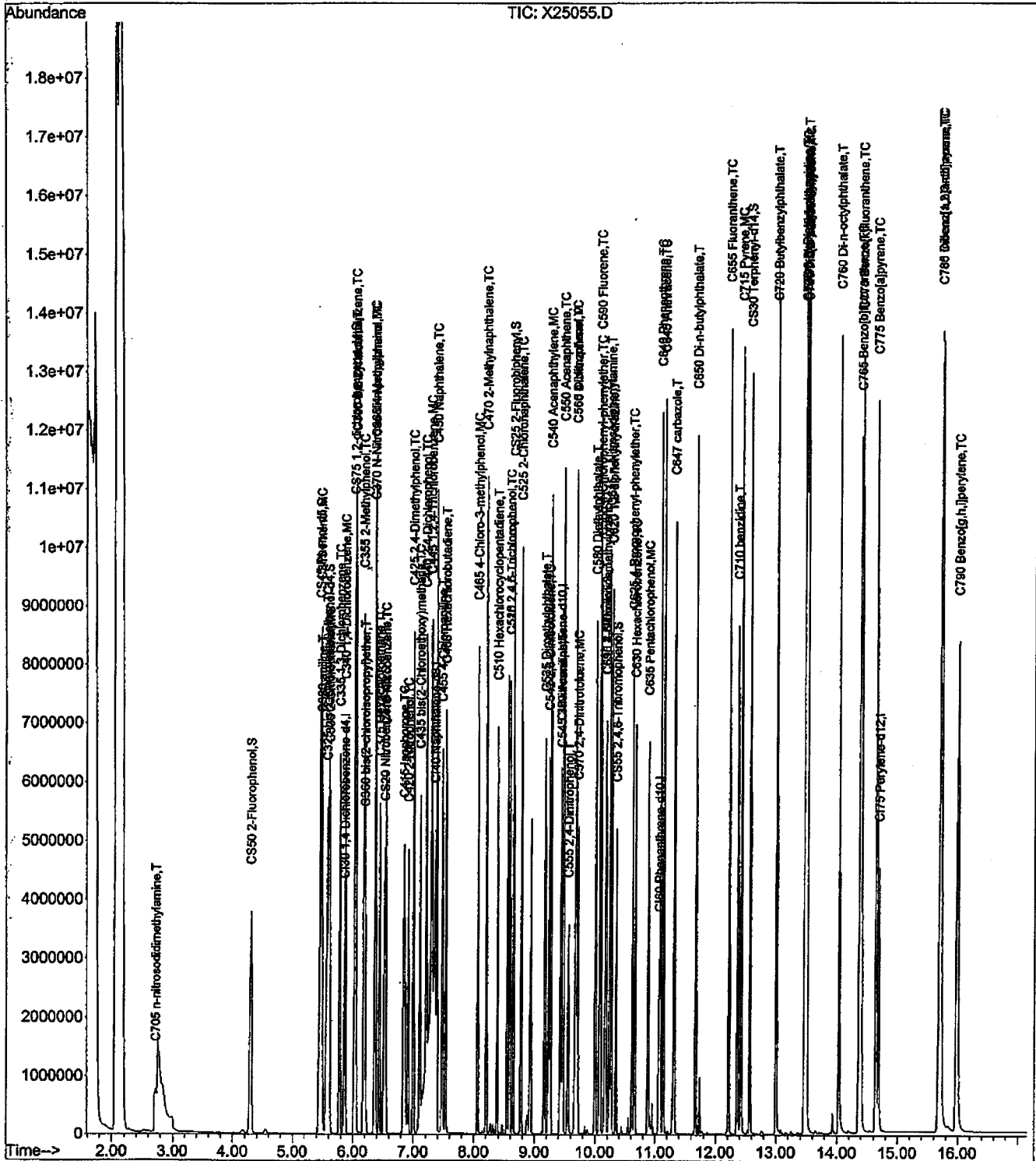
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072108\X25055.D
Acq On : 21 Jul 2008 10:54
Sample : SSTD160
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 7
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 21 14:51:30 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jul 18 12:33:54 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072108\X25055.D
 Acq On : 21 Jul 2008 10:54
 Sample : SSTD160
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:30 2008

Vial: 7
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.86	152	331331	40.00	ng	-0.01 256.39%
20) CI40 Naphthalene-d8	7.36	136	1303271	40.00	ng	-0.01 246.28%
35) CI50 Acenaphthene-d10	9.43	164	713556	40.00	ng	-0.02 251.63%
56) CI60 Phenanthrene-d10	11.07	188	1368953	40.00	ng	-0.01 269.48%
68) CI70 Chrysene-d12	13.48	240	1158218	40.00	ng	-0.01 227.53%
78) CI75 Perylene-d12	14.68	264	1411421	40.00	ng	-0.02 234.72%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.30	112	2363613	207.56	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	138.37%#
5) CS45 Phenol-d5	5.45	99	3057250	213.24	ng	-0.01
Spiked Amount	150.000	Range	10 - 110	Recovery	=	142.16%#
6) CS70 2-chlorophenol-d4	5.59	132	2100418	175.76	ng	-0.01
Spiked Amount	150.000	Range	33 - 110	Recovery	=	117.17%#
12) CS75 1,2-dichlorobenzene-d	6.03	152	1209274	161.94	ng	-0.02
Spiked Amount	100.000	Range	16 - 110	Recovery	=	161.94%#
21) CS20 Nitrobenzene-d5	6.53	82	2493490	228.20	ng	-0.01
Spiked Amount	100.000	Range	34 - 114	Recovery	=	228.20%#
39) CS25 2-Fluorobiphenyl	8.65	172	3940584	151.90	ng	-0.02
Spiked Amount	100.000	Range	43 - 116	Recovery	=	151.90%#
59) CS55 2,4,6-Tribromophenol	10.34	330	563231	141.51	ng	-0.01
Spiked Amount	150.000	Range	10 - 123	Recovery	=	94.34%
71) CS30 Terphenyl-d14	12.57	244	4643488	164.50	ng	-0.01
Spiked Amount	100.000	Range	33 - 141	Recovery	=	164.50%#
Target Compounds						
2) C705 n-nitrosodidimethylam	2.72	74	1670559	241.62	ng	Qvalue 80
4) C325 bis(2-Chloroethyl)eth	5.57	93	2330045	210.97	ng	# 65
7) C315 Phenol	5.48	94	3214974	211.65	ng	98
8) C330 2-Chlorophenol	5.61	128	2287766	181.17	ng	94
9) C320 aniline	5.49	93	3607180	208.30	ng	# 69
10) C335 1,3-Dichlorobenzene	5.79	146	2331740	171.28	ng	98
11) C340 1,4-Dichlorobenzene	5.88	146	2331638	170.71	ng	96
13) C350 1,2-Dichlorobenzene	6.05	146	1971587	159.83	ng	99
14) C345 Benzyl alcohol	6.05	108	1459577	200.42	ng	# 79
15) C360 bis(2-chloroisopropyl	6.20	45	2582705	216.40	ng	85
16) C355 2-Methylphenol	6.18	108	2054085	195.87	ng	99
17) C375 Hexachloroethane	6.44	117	852404	188.01	ng	98
18) C370 N-Nitroso-di-n-propyl	6.37	70	1670591	232.94	ng	# 58
19) C365 4-Methylphenol	6.38	108	2045966	194.96	ng	96
22) C410 Nitrobenzene	6.55	77	2484603	224.01	ng	87
23) C415 Isophorone	6.85	82	4912646	229.02	ng	92
24) C430 benzoic acid	7.28	122	2820632	Below Cal		# 30
25) C420 2-Nitrophenol	6.92	139	1231828	173.80	ng	81
26) C425 2,4-Dimethylphenol	7.00	107	1987116	188.67	ng	97
27) C435 bis(2-Chloroethoxy)me	7.11	93	2601314	203.86	ng	95
28) C440 2,4-Dichlorophenol	7.21	162	1682831	167.81	ng	97

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072108\X25055.D
 Acq On : 21 Jul 2008 10:54
 Sample : SSTD160
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 14:51:30 2008

Vial: 7
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 18 12:33:54 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071808\X25014.D (18 Jul 2008 9:14)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.30	180	1614530	148.98	ng		93
30) C450 Naphthalene	7.39	128	5714851	171.39	ng		99
31) C455 4-Chloroaniline	7.48	127	2535309	177.14	ng		99
32) C460 Hexachlorobutadiene	7.53	225	857166	141.89	ng		97
33) C465 4-Chloro-3-methylphen	8.07	107	1961353	212.48	ng		100
34) C470 2-Methylnaphthalene	8.21	142	3625533	161.18	ng		99
36) C510 Hexachlorocyclopentad	8.38	237	1123058	137.85	ng		95
37) C515 2,4,6-Trichlorophenol	8.59	196	1223213	151.18	ng		97
38) C520 2,4,5-Trichlorophenol	8.59	196	1223213	151.18	ng		99
40) C525 2-Chloronaphthalene	8.78	162	3471496	156.23	ng		97
41) C530 2-Nitroaniline	10.17	65	1316994	237.66	ng		90
42) C540 Acenaphthylene	9.26	152	5661223	161.58	ng		98
43) C535 Dimethylphthalate	9.17	163	4314743	166.50	ng		99
44) C542 2,6-Dinitrotoluene	9.23	165	1069357	168.09	ng		91
45) C550 Acenaphthene	9.47	153	3318771	160.79	ng		97
46) C545 3-Nitroaniline	9.44	138	1191178	184.36	ng		92
47) C555 2,4-Dinitrophenol	9.56	184	765216	167.76	ng	#	48
48) C565 Dibenzofuran	9.68	168	4630365	148.28	ng		83
49) C570 2,4-Dinitrotoluene	9.71	165	1453264	171.71	ng		96
50) C560 4-Nitrophenol	9.68	109	579891	228.64	ng	#	1
51) C590 Fluorene	10.08	166	3756339	152.68	ng		98
52) C585 4-Chlorophenyl-phenyl	10.09	204	1784362	139.81	ng		94
53) C580 Diethylphthalate	10.00	149	3963891	163.46	ng		99
54) C620 1,2-diphenylhydrazine	10.27	77	3999895	204.75	ng		79
55) C595 4-Nitroaniline	10.17	138	1199753	181.39	ng		94
57) C610 4,6-Dinitro-2-methylp	10.18	198	868042	164.61	ng		100
58) C615 n-Nitrosodiphenylamin	10.24	169	2967380	160.25	ng		98
60) C625 4-Bromophenyl-phenyle	10.62	248	1074394	136.91	ng		95
61) C630 Hexachlorobenzene	10.67	284	1100095	132.50	ng		92
62) C635 Pentachlorophenol	10.88	266	825885	150.74	ng		99
63) C640 Phenanthrene	11.09	178	5389849	152.33	ng		100
64) C645 Anthracene	11.15	178	5554322	154.24	ng		99
65) C647 carbazole	11.32	167	5768324	167.21	ng		97
66) C650 Di-n-butylphthalate	11.67	149	6326083	160.22	ng		99
67) C655 Fluoranthene	12.22	202	6161267	157.22	ng		88
69) C715 Pyrene	12.42	202	6364872	184.04	ng		87
70) C710 benzidine	12.36	184	3640597	195.20	ng		100
72) C720 Butylbenzylphthalate	13.01	149	2708156	183.46	ng		88
73) C725 3,3'-Dichlorobenzidin	13.46	252	2352094	193.85	ng		97
74) C730 Benzo[a]anthracene	13.47	228	5899860	178.12	ng		99
75) C735 Chrysene	13.51	228	5648819	174.05	ng		99
76) C740 bis(2-Ethylhexyl)pth	13.49	149	3801834	190.14	ng		99
77) C760 Di-n-octylphthalate	14.03	149	7648115	202.09	ng		100
79) C765 Benzo[b]fluoranthene	14.37	252	8973334	189.31	ng		99
80) C770 Benzo[k]fluoranthene	14.40	252	5068829	151.11	ng		98
81) C775 Benzo[a]pyrene	14.65	252	6670155	177.78	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.72	276	8467438	161.76	ng		100
83) C785 Dibenz[a,h]anthracene	15.72	278	7079940	168.37	ng		96
84) C790 Benzo[g,h,i]perylene	16.00	276	7235169	163.47	ng		96

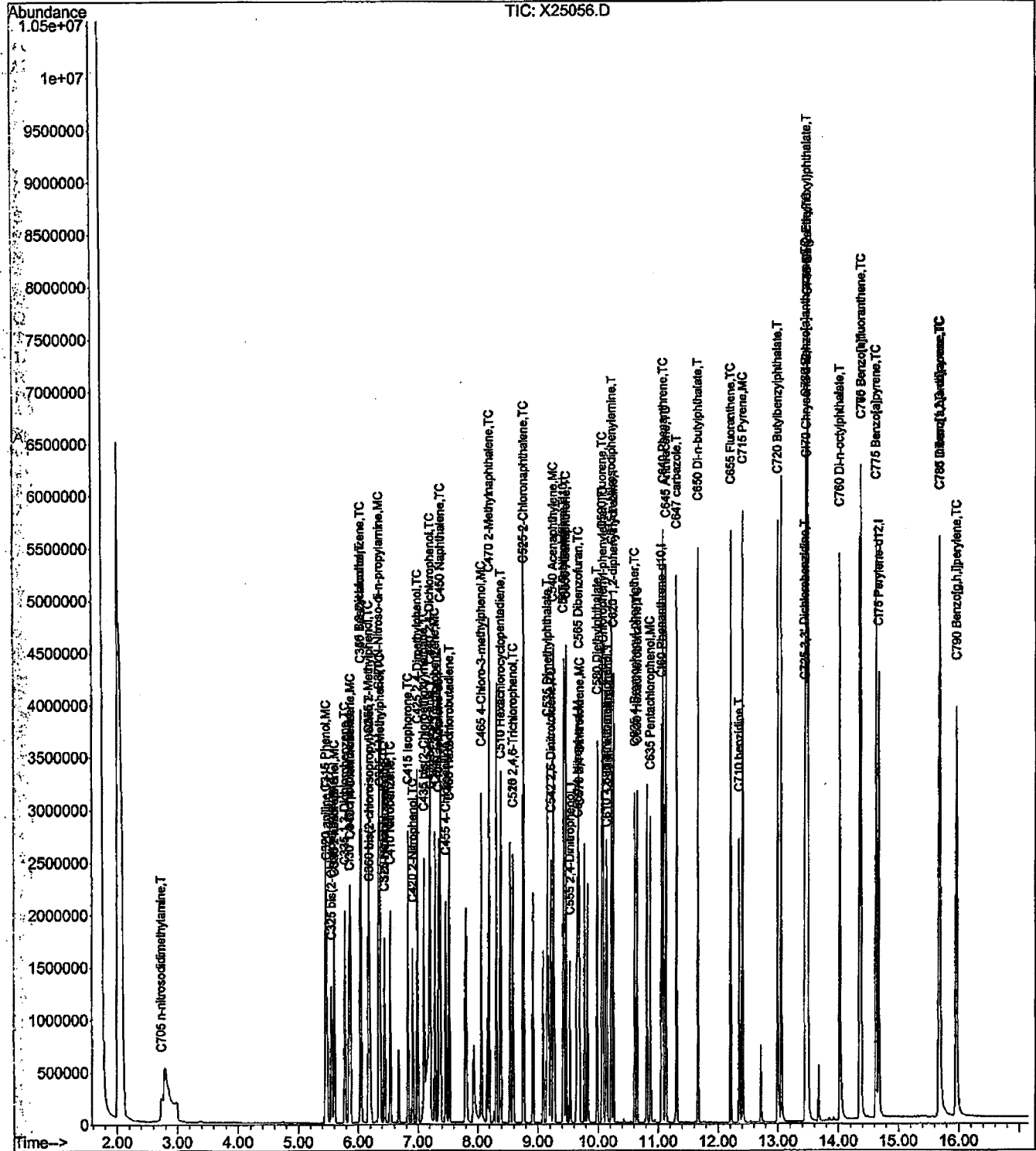
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072108\X25056.D
Acq On : 21 Jul 2008 11:17
Sample : CHECK050
Misc : 8270 2ND SC (6-3-08)
MS Integration Params: rteint.p

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 21 15:02:41 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jul 21 15:00:45 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\072108\X25056.D
 Acq On : 21 Jul 2008 11:17
 Sample : CHECK050
 Misc : 8270 2ND SC (6-3-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 15:02:41 2008

Vial: 8
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 21 15:00:45 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\072108\X25052.D (21 Jul 2008 9:45)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.85	152	361173	40.00	ng	0.00 96.09%
20) CI40 Naphthalene-d8	7.35	136	1347961	40.00	ng	-0.01 90.15%
35) CI50 Acenaphthene-d10	9.43	164	735342	40.00	ng	0.00 89.33%
56) CI60 Phenanthrene-d10	11.06	188	1191596	40.00	ng	-0.01 77.67%
68) CI70 Chrysene-d12	13.47	240	1271221	40.00	ng	-0.01 87.56%
78) CI75 Perylene-d12	14.67	264	1415316	40.00	ng	-0.01 93.31%

System Monitoring Compounds

3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	0.00%#
5) CS45 Phenol-d5	5.60	99	37785	1.88	ng	0.14
Spiked Amount	150.000	Range	10 - 110	Recovery	=	1.25%#
16) CS70 2-chlorophenol-d4	5.60	132	437	0.03	ng	0.01
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.02%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	6.44	82	67087	4.33	ng	-0.09
Spiked Amount	100.000	Range	34 - 114	Recovery	=	4.33%#
39) CS25 2-Fluorobiphenyl	8.59	172	566	0.02	ng	-0.06
Spiked Amount	100.000	Range	43 - 116	Recovery	=	0.02%#
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	0.00%#
71) CS30 Terphenyl-d14	0.00	244	0	0.00	ng	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.73	74	469455	46.74	ng	81
4) C325 bis(2-Chloroethyl)eth	5.56	93	709250	46.27	ng	# 69
7) C315 Phenol	5.45	94	1083197	49.51	ng	92
8) C330 2-Chlorophenol	5.60	128	720819	48.37	ng	93
9) C320 aniline	5.47	93	1013262	41.31	ng	# 65
10) C335 1,3-Dichlorobenzene	5.78	146	737444	48.11	ng	99
11) C340 1,4-Dichlorobenzene	5.87	146	734021	47.60	ng	96
13) C350 1,2-Dichlorobenzene	6.04	146	682120	48.71	ng	97
14) C345 Benzyl alcohol	6.04	108	504895	50.76	ng	# 83
15) C360 bis(2-chloroisopropyl	6.19	45	857152	45.60	ng	86
16) C355 2-Methylphenol	6.18	108	685633	49.98	ng	99
17) C375 Hexachloroethane	6.44	117	280526	49.37	ng	96
18) C370 N-Nitroso-di-n-propyl	6.35	70	545043	47.05	ng	# 61
19) C365 4-Methylphenol	6.36	108	725122	50.69	ng	92
22) C410 Nitrobenzene	6.53	77	805294	50.90	ng	89
23) C415 Isophorone	6.83	82	1427190	47.41	ng	92
24) C430 benzoic acid	7.21	122	1037278	115.64	ng	# 68
25) C420 2-Nitrophenol	6.91	139	380213	51.80	ng	83
26) C425 2,4-Dimethylphenol	6.99	107	741537	53.96	ng	99
27) C435 bis(2-Chloroethoxy)me	7.10	93	823387	49.65	ng	96
28) C440 2,4-Dichlorophenol	7.20	162	553852	51.95	ng	97

Quantitation Report (Not Reviewed)

Data File : D:\DATA\072108\X25056.D
 Acq On : 21 Jul 2008 11:17
 Sample : CHECK050
 Misc : 8270 2ND SC (6-3-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 21 15:02:41 2008

Vial: 8
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 21 15:00:45 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\072108\X25052.D (21 Jul 2008 9:45)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.29	180	547201	52.17	ng		94
30) C450 Naphthalene	7.38	128	2053370	54.94	ng		99
31) C455 4-Chloroaniline	7.47	127	698866	43.69	ng		99
32) C460 Hexachlorobutadiene	7.53	225	288217	51.99	ng		97
33) C465 4-Chloro-3-methylphen	8.06	107	656867	53.01	ng		97
34) C470 2-Methylnaphthalene	8.20	142	1390469	57.70	ng		99
36) C510 Hexachlorocyclopentad	8.38	237	323862	48.61	ng		95
37) C515 2,4,6-Trichlorophenol	8.59	196	409425	54.31	ng		96
38) C520 2,4,5-Trichlorophenol	8.59	196	409425	54.31	ng		99
40) C525 2-Chloronaphthalene	8.77	162	1200019	53.51	ng		97
41) C530 2-Nitroaniline	10.14	65	458783	52.87	ng		90
42) C540 Acenaphthylene	9.25	152	2001581	54.81	ng		99
43) C535 Dimethylphthalate	9.16	163	1356467	50.17	ng		100
44) C542 2,6-Dinitrotoluene	9.22	165	333414	51.65	ng		91
45) C550 Acenaphthene	9.46	153	1073759	49.16	ng		98
46) C545 3-Nitroaniline	9.42	138	295951	41.99	ng		93
47) C555 2,4-Dinitrophenol	9.54	184	222407	52.14	ng	#	46
48) C565 Dibenzofuran	9.67	168	1656044	52.09	ng		98
49) C570 2,4-Dinitrotoluene	9.69	165	488329	55.35	ng		86
50) C560 4-Nitrophenol	9.66	109	202503	55.82	ng	#	77
51) C590 Fluorene	10.07	166	1430498	55.88	ng		98
52) C585 4-Chlorophenyl-phenyl	10.08	204	641784	53.58	ng		96
53) C580 Diethylphthalate	9.99	149	1329896	52.76	ng		98
54) C620 1,2-diphenylhydrazine	10.25	77	1536413	54.87	ng		84
55) C595 4-Nitroaniline	10.14	138	381506	51.91	ng		92
57) C610 4,6-Dinitro-2-methylp	10.15	198	307725	72.93	ng		100
58) C615 n-Nitrosodiphenylamin	10.22	169	1240611	75.32	ng		97
60) C625 4-Bromophenyl-phenyle	10.61	248	352469	60.14	ng		92
61) C630 Hexachlorobenzene	10.65	284	363453	60.46	ng		76
62) C635 Pentachlorophenol	10.87	266	310143	79.07	ng		98
63) C640 Phenanthrene	11.08	178	1927613	61.67	ng		100
64) C645 Anthracene	11.13	178	1926071	60.28	ng		100
65) C647 carbazole	11.31	167	2001783	61.59	ng		97
66) C650 Di-n-butylphthalate	11.66	149	2247049	61.85	ng		100
67) C655 Fluoranthene	12.21	202	2181668	62.04	ng		94
69) C715 Pyrene	12.41	202	2228675	52.84	ng		91
70) C710 benzidine	12.35	184	874395	40.25	ng		100
72) C720 Butylbenzylphthalate	13.00	149	1131825	60.02	ng		96
73) C725 3,3'-Dichlorobenzidin	13.44	252	562773	39.47	ng		100
74) C730 Benzo[a]anthracene	13.46	228	2123870	55.65	ng		99
75) C735 Chrysene	13.49	228	1989142	52.23	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.48	149	1447513	56.14	ng		93
77) C760 Di-n-octylphthalate	14.02	149	2587105	53.74	ng		99
79) C765 Benzo[b]fluoranthene	14.37	252	2525052	56.83	ng		98
80) C770 Benzo[k]fluoranthene	14.37	252	2525052	53.08	ng		99
81) C775 Benzo[a]pyrene	14.63	252	2585821	64.00	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.67	276	2639890	52.88	ng		97
83) C785 Dibenz[a,h]anthracene	15.68	278	2281189	54.93	ng		92
84) C790 Benzo[g,h,i]perylene	15.96	276	2530193	57.01	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001615-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: W24815.RR Calibration Date: 07/02/2008 Time: 09:24

Intrument ID: HP5973W Init. Calib. Date(s): 06/23/2008 06/23/2008

Init. Calib. Times: 09:20 11:15

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	1.9800	2.0923	0.0500	-5.700	20.00
Bis(2-chloroethyl) ether	1.4990	1.5883	0.0500	-6.000	40.00
2-Chlorophenol	1.5610	1.6406	0.0500	-5.100	40.00
2-Methylphenol	1.3260	1.3381	0.0500	-0.900	40.00
2,2'-Oxybis(1-Chloropropane)	1.9000	2.1686	0.0500	-14.100	40.00
4-Methylphenol	1.4410	1.5174	0.0500	-5.300	40.00
N-Nitroso-Di-n-propylamine	1.0400	1.1286	0.0500	-8.500	40.00
Hexachloroethane	0.6870	0.7276	0.0500	-5.900	40.00
Nitrobenzene	0.3620	0.3898	0.0500	-7.700	40.00
Isophorone	0.6610	0.7088	0.0500	-7.200	40.00
2-Nitrophenol	0.1850	0.1960	0.0500	-5.900	20.00
2,4-Dimethylphenol	0.3430	0.3485	0.0500	-1.600	40.00
Bis(2-chloroethoxy) methane	0.4030	0.4278	0.0500	-6.200	40.00
2,4-Dichlorophenol	0.3030	0.3158	0.0500	-4.200	20.00
Naphthalene	1.1040	1.1276	0.0500	-2.100	40.00
4-Chloroaniline	0.4230	0.4316	0.0500	-2.000	40.00
Hexachlorobutadiene	0.1910	0.1964	0.0500	-2.800	20.00
4-Chloro-3-methylphenol	0.2800	0.2996	0.0500	-7.000	20.00
2-Methylnaphthalene	0.7240	0.7466	0.0500	-3.100	40.00
Hexachlorocyclopentadiene	0.2920	0.3187	0.0500	-9.100	40.00
2,4,6-Trichlorophenol	0.3710	0.3453	0.0500	6.900	20.00
2,4,5-Trichlorophenol	0.3900	0.3849	0.0500	1.300	40.00
2-Chloronaphthalene	1.2620	1.1865	0.0500	6.000	40.00
2-Nitroaniline	0.2810	0.2644	0.0500	5.900	40.00
Dimethyl phthalate	1.3690	1.2412	0.0500	9.300	40.00
Acenaphthylene	1.9310	1.8491	0.0500	4.200	40.00
2,6-Dinitrotoluene	0.3000	0.2710	0.0500	9.700	40.00
3-Nitroaniline	0.3370	0.3162	0.0500	6.200	40.00
Acenaphthene	1.1290	1.1640	0.0500	-3.100	20.00
2,4-Dinitrophenol	0.0960	0.0967	0.0500	-0.700	40.00
4-Nitrophenol	0.1550	0.1476	0.0500	4.800	40.00
Dibenzofuran	1.3170	1.5641	0.0500	-18.800	40.00
2,4-Dinitrotoluene	0.4100	0.3960	0.0500	3.400	40.00
Diethyl phthalate	1.3880	1.2572	0.0500	9.400	40.00
4-Chlorophenyl phenyl ether	0.6900	0.6259	0.0500	9.300	40.00
Fluorene	1.4640	1.2694	0.0500	13.300	40.00
4-Nitroaniline	0.3340	0.3193	0.0500	4.400	40.00
4,6-Dinitro-2-methylphenol	0.1030	0.1221	0.0500	-18.500	40.00
N-nitrosodiphenylamine	0.5570	0.5901	0.0500	-5.900	20.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001615-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: W24815.RR Calibration Date: 07/02/2008 Time: 09:24

Intrument ID: HP5973W Init. Calib. Date(s): 06/23/2008 06/23/2008

Init. Calib. Times: 09:20 11:15

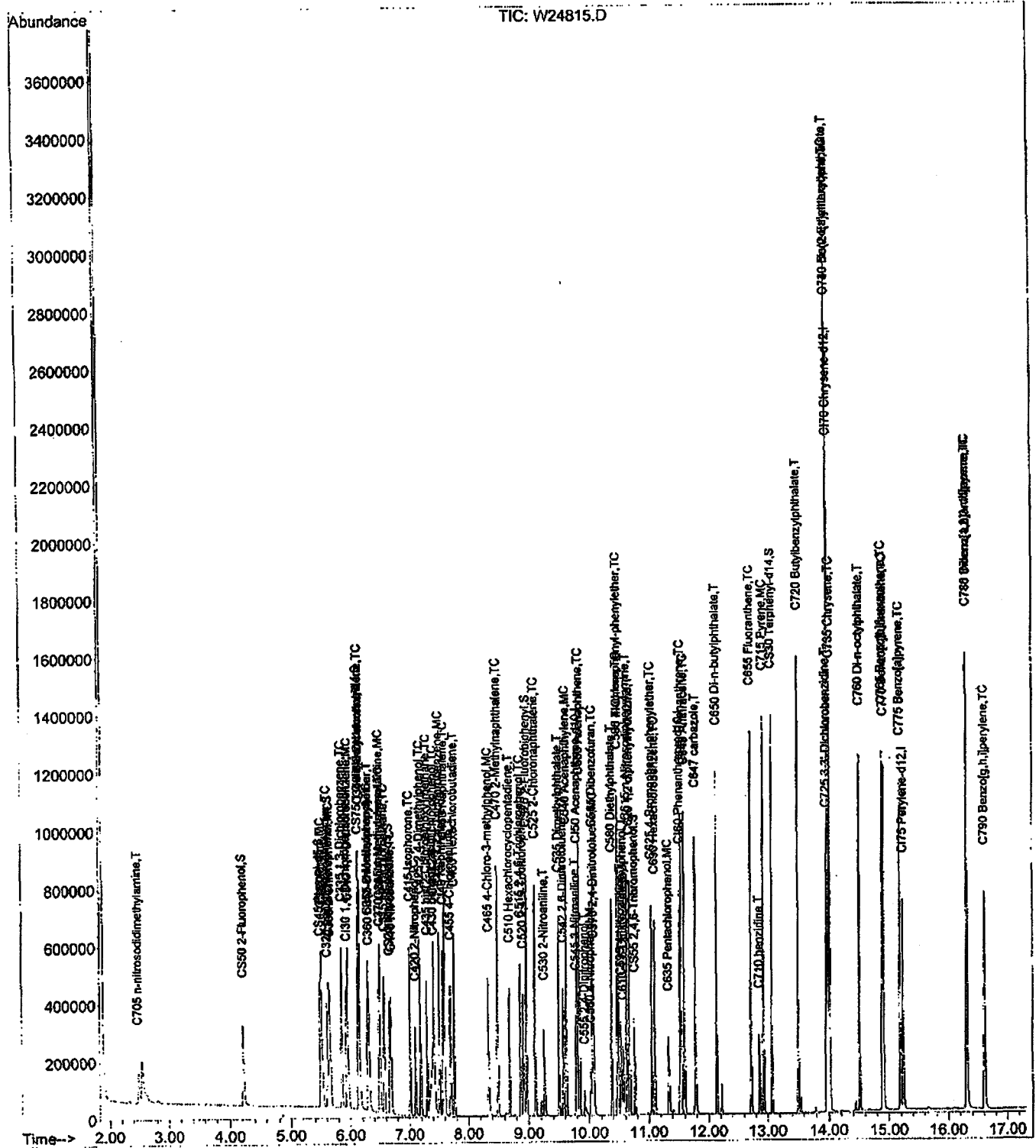
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.2210	0.2378	0.0500	-7.600	40.00
Hexachlorobenzene	0.2400	0.2510	0.0500	-4.600	40.00
Pentachlorophenol	0.0980	0.0990	0.0500	-1.000	20.00
Phenanthrene	1.1700	1.2070	0.0500	-3.200	40.00
Anthracene	1.1820	1.2123	0.0500	-2.600	40.00
Di-n-butyl phthalate	1.4100	1.4229	0.0500	-0.900	40.00
Fluoranthene	1.3430	1.3632	0.0500	-1.500	20.00
Pyrene	1.2090	1.2591	0.0500	-4.100	40.00
Butyl benzyl phthalate	0.5860	0.5877	0.0500	-0.300	40.00
3,3'-Dichlorobenzidine	0.4470	0.4567	0.0500	-2.200	40.00
Benzo(a)anthracene	1.2740	1.2984	0.0500	-1.900	40.00
Chrysene	1.2050	1.2174	0.0500	-1.000	40.00
Bis(2-ethylhexyl) phthalate	0.9020	0.8700	0.0500	3.500	40.00
Di-n-octyl phthalate	1.4560	1.3667	0.0500	6.100	20.00
Benzo(b)fluoranthene	1.5080	1.4544	0.0500	3.600	40.00
Benzo(k)fluoranthene	1.4320	1.5182	0.0500	-6.000	40.00
Benzo(a)pyrene	1.4130	1.4061	0.0500	0.500	20.00
Indeno(1,2,3-cd)pyrene	1.7440	1.6288	0.0500	6.600	40.00
Dibenzo(a,h)anthracene	1.5220	1.3921	0.0500	8.500	40.00
Benzo(ghi)perylene	1.5010	1.3838	0.0500	7.800	40.00
Carbazole	1.1770	1.2056	0.0500	-2.400	100.00
=====					
Nitrobenzene-D5	0.3530	0.3731	0.0500	-5.700	40.00
2-Fluorobiphenyl	1.4050	1.3179	0.0500	6.200	40.00
p-Terphenyl-d14	0.9320	0.9730	0.0500	-4.400	40.00
Phenol-D5	1.7530	1.8674	0.0500	-6.500	40.00
2-Fluorophenol	1.3210	1.3997	0.0500	-6.000	40.00
2,4,6-Tribromophenol	0.0910	0.1000	0.0500	-9.900	40.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070208\W24815.D
Acq On : 2 Jul 2008 9:24 am
Sample : SSTD050
Misc : 8270 (4-9-08)
MS Integration Params: rteint.p

Vial: 3
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 02 09:58:00 2008 Results File: A8I0469.RES
Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Jun 23 14:48:35 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070208\W24815.D
 Acq On : 2 Jul 2008 9:24 am
 Sample : SSTD050
 Misc : 8270 (4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 02 09:58:00 2008

Vial: 3
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\063008\W24736.D (30 Jun 2008 9:22 am)

Internal Standards	R.T.	QI on	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152	68142	40.00	ng	-0.06 122.55%
20) CI40 Naphthalene-d8	7.57	136	292418	40.00	ng	-0.05 127.94%
35) CI50 Acenaphthene-d10	9.80	164	178027	40.00	ng	-0.04 134.77%
56) CI60 Phenanthrene-d10	11.52	188	277073	40.00	ng	-0.04 126.84%
68) CI70 Chrysene-d12	14.00	240	313029	40.00	ng	-0.04 125.26%
78) CI75 Perylene-d12	15.23	264	262460	40.00	ng	-0.05 120.77%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.21	112	119223	50.13	ng	-0.10
Spiked Amount 150.000	Range	21 - 110	Recovery	=	33.42%	
5) CS45 Phenol-d5	5.49	99	159057	53.27	ng	-0.08
Spiked Amount 150.000	Range	10 - 110	Recovery	=	35.51%	
6) CS70 2-chlorophenol-d4	5.64	132	133957	52.55	ng	-0.07
Spiked Amount 150.000	Range	33 - 110	Recovery	=	35.03%	
12) CS75 1,2-dichlorobenzene-d	6.13	152	84081	51.36	ng	-0.06
Spiked Amount 100.000	Range	16 - 110	Recovery	=	51.36%	
21) CS20 Nitrobenzene-d5	6.66	82	136378	52.91	ng	-0.06
Spiked Amount 100.000	Range	34 - 114	Recovery	=	52.91%	
39) CS25 2-Fluorobiphenyl	8.97	172	293282	46.89	ng	-0.04
Spiked Amount 100.000	Range	43 - 116	Recovery	=	46.89%	
59) CS55 2,4,6-Tribromophenol	10.76	330	34632	51.88	ng	-0.04
Spiked Amount 150.000	Range	10 - 123	Recovery	=	34.59%	
71) CS30 Terphenyl-d14	13.07	244	380722	52.19	ng	-0.04
Spiked Amount 100.000	Range	33 - 141	Recovery	=	52.19%	

Target Compounds

Target Compounds	R.T.	QI on	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.48	74	79272	53.69	ng	94
4) C325 bis(2-Chloroethyl)eth	5.61	93	135288	52.96	ng	87
7) C315 Phenol	5.51	94	178221	52.83	ng	83
8) C330 2-Chlorophenol	5.66	128	139739	52.54	ng	90
9) C320 aniline	5.52	93	173935	48.37	ng	# 24
10) C335 1,3-Dichlorobenzene	5.86	146	150754	52.85	ng	96
11) C340 1,4-Dichlorobenzene	5.96	146	153771	51.82	ng	97
13) C350 1,2-Dichlorobenzene	6.15	146	147469	51.79	ng	98
14) C345 Benzyl alcohol	6.14	108	87270	51.31	ng	93
15) C360 bis(2-chloroisopropyl	6.31	45	184712	57.06	ng	80
16) C355 2-Methylphenol	6.30	108	113974	50.44	ng	95
17) C375 Hexachloroethane	6.58	117	61972	52.93	ng	92
18) C370 N-Nitroso-di-n-propyl	6.49	70	96129	54.25	ng	92
19) C365 4-Methylphenol	6.50	108	129252	52.64	ng	95
22) C410 Nitrobenzene	6.69	77	142471	53.78	ng	88
23) C415 Isophorone	7.01	82	259096	53.59	ng	96
24) C430 benzoic acid	7.40	122	168803	178.53	ng	97
25) C420 2-Nitrophenol	7.10	139	71625	52.87	ng	84
26) C425 2,4-Dimethylphenol	7.18	107	127382	50.79	ng	88
27) C435 bis(2-Chloroethoxy)me	7.30	93	156354	53.05	ng	97
28) C440 2,4-Dichlorophenol	7.41	162	115441	52.16	ng	96

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070208\W24815.D
 Acq On : 2 Jul 2008 9:24 am
 Sample : SSTD050
 Misc : 8270 (4-9-08))
 MS Integration Params: rteint.p
 Quant Time: Jul 02 09:58:00 2008

Vial: 3
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\063008\W24736.D (30 Jun 2008 9:22 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.51	180	121893	51.27	ng		99
30) C450 Naphthalene	7.60	128	412145	51.09	ng		97
31) C455 4-Chloroaniline	7.70	127	157770	51.02	ng		100
32) C460 Hexachlorobutadiene	7.76	225	71798	51.41	ng		99
33) C465 4-Chloro-3-methylphen	8.34	107	109499	53.58	ng		87
34) C470 2-Methylnaphthalene	8.49	142	272909	51.57	ng		93
36) C510 Hexachlorocyclopentad	8.68	237	70917	61.80	ng		99
37) C515 2,4,6-Trichlorophenol	8.86	196	76831	54.69	ng		98
38) C520 2,4,5-Trichlorophenol	8.91	196	85662	54.66	ng		96
40) C525 2-Chloronaphthalene	9.11	162	264045	56.24	ng		94
41) C530 2-Nitroaniline	9.26	65	58827	60.46	ng	#	81
42) C540 Acenaphthylene	9.62	152	411485	47.88	ng		98
43) C535 Dimethylphthalate	9.50	163	276220	45.34	ng		100
44) C542 2,6-Dinitrotoluene	9.57	165	60305	53.57	ng		93
45) C550 Acenaphthene	9.84	153	259023	51.57	ng		97
46) C545 3-Nitroaniline	9.78	138	70371	53.82	ng	#	83
47) C555 2,4-Dinitrophenol	9.93	184	21515	61.05	ng	#	78
48) C565 Dibenzofuran	10.06	168	348069	77.14	ng		83
49) C570 2,4-Dinitrotoluene	10.08	165	88117	55.38	ng	#	1
50) C560 4-Nitrophenol	10.03	109	32835	55.22	ng	#	84
51) C590 Fluorene	10.48	166	282492	54.64	ng		99
52) C585 4-Chlorophenyl-phenyl	10.49	204	139277	56.57	ng		97
53) C580 Diethylphthalate	10.38	149	279767	45.30	ng		97
54) C620 1,2 diphenylhydrazine	10.68	77	299754	56.21	ng		94
55) C595 4-Nitroaniline	10.54	138	71046	53.64	ng		88
57) C610 4,6-Dinitro-2-methylp	10.58	198	42275	53.05	ng		100
58) C615 n-Nitrosodiphenylamin	10.63	169	204366	52.93	ng		96
60) C625 4-Bromophenyl-phenyle	11.05	248	82356	53.85	ng		94
61) C630 Hexachlorobenzene	11.10	284	86921	52.22	ng		92
62) C635 Pentachlorophenol	11.33	266	34297	46.76	ng		95
63) C640 Phenanthrene	11.55	178	418041	51.60	ng		99
64) C645 Anthracene	11.60	178	419885	51.30	ng		98
65) C647 carbazole	11.78	167	417534	51.23	ng		97
66) C650 Di-n-butylphthalate	12.13	149	492816	50.47	ng		99
67) C655 Fluoranthene	12.72	202	472129	50.76	ng		96
69) C715 Pyrene	12.93	202	492671	52.07	ng		97
70) C710 benzidine	12.86	184	114879	44.50	ng		99
72) C720 Butylbenzylphthalate	13.50	149	229950	50.16	ng		93
73) C725 3,3'-Dichlorobenzidin	13.97	252	178682	51.11	ng		96
74) C730 Benzo[a]anthracene	13.99	228	508054	50.97	ng		99
75) C735 Chrysene	14.02	228	476339	50.50	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.99	149	340428	48.21	ng		99
77) C760 Di-n-octylphthalate	14.51	149	534756	46.94	ng		100
79) C765 Benzo[b]fluoranthene	14.89	252	477149	48.22	ng		99
80) C770 Benzo[k]fluoranthene	14.92	252	498086	53.00	ng		99
81) C775 Benzo[a]pyrene	15.19	252	461304	49.74	ng		99
82) C780 Indeno[1,2,3-cd]pyren	16.30	276	534367	46.70	ng		97
83) C785 Dibenz[a,h]anthracene	16.31	278	456705	45.73	ng		98
84) C790 Benzo[g,h,i]perylene	16.61	276	453998	46.10	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001615-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: W24816.RR Calibration Date: 07/02/2008 Time: 09:47

Intrument ID: HP5973W Init. Calib. Date(s): 06/23/2008 06/23/2008

Init. Calib. Times: 12:24 14:19

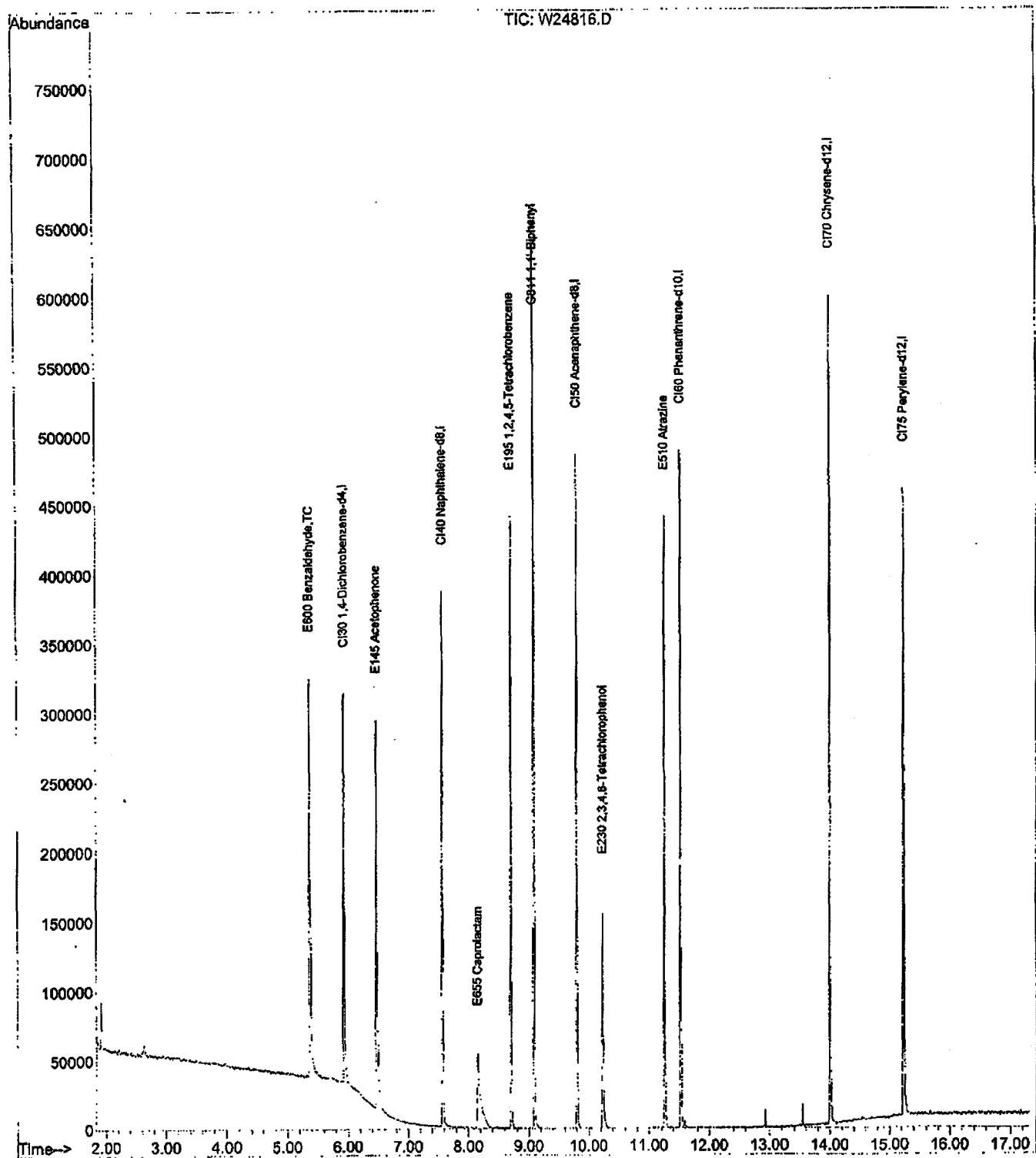
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.0840	0.1030	0.0500	-22.600	40.00
Atrazine	0.2370	0.2432	0.0500	-2.600	40.00
Acetophenone	1.8560	1.6789	0.0500	9.500	40.00
Biphenyl	1.7780	1.7150	0.0500	3.500	40.00
Benzaldehyde	1.1260	1.1120	0.0500	1.200	40.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070208\W24816.D
Acq On : 2 Jul 2008 9:47
Sample : SST050
Misc : TCLADDS(5-27-08)
MS Integration Params: rteint.p

Vial: 4
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 11 17:54:01 2008 Results File: TCLADDS...0469.RES
Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jun 24 08:33:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070208\W24816.D
 Acq On : 2 Jul 2008 9:47
 Sample : SSTD050
 Misc : TCLADDS(5-27-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 17:54:01 2008

Vial: 4
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

59
 4/11/08

Internal Standards	R.T.	QI	on	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.94	152		56498	40.00	ng	-0.05	115.86%
4) CI40 Naphthalene-d8	7.57	136		205637	40.00	ng	-0.05	105.59%
7) CI50 Acenaphthene-d8	9.80	164		110990	40.00	ng	-0.04	120.39%
10) CI60 Phenanthrene-d10	11.52	188		182372	40.00	ng	-0.04	118.10%
12) CI70 Chrysene-d12	14.00	240		209520	40.00	ng	-0.03	114.40%
13) CI75 Perylene-d12	15.23	264		187177	40.00	ng	-0.04	104.70%
Target Compounds								Qvalue
2) E600 Benzaldehyde	5.37	77		78534	49.38	ng		88
3) E145 Acetophenone	6.48	105		118568	45.24	ng		87
5) E655 Caprolactam	8.16	113		26471m	51.58	ng	#	51
6) E195 1,2,4,5-Tetrachlorobe	8.70	216		82071	50.82	ng	#	100
8) C811 1,1'-Biphenyl	9.08	154		237939	48.22	ng		95
9) E230 2,3,4,6-Tetrachloroph	10.23	232		30708	44.91	ng		94
11) E510 Atrazine	11.25	200		55443	51.27	ng		98

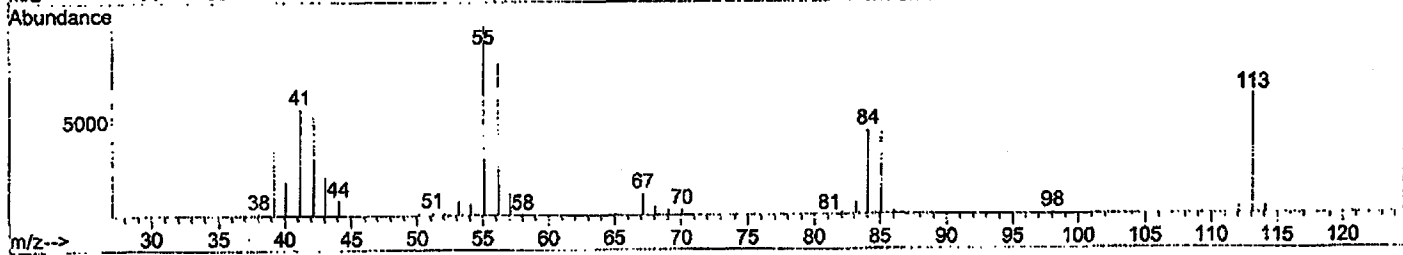
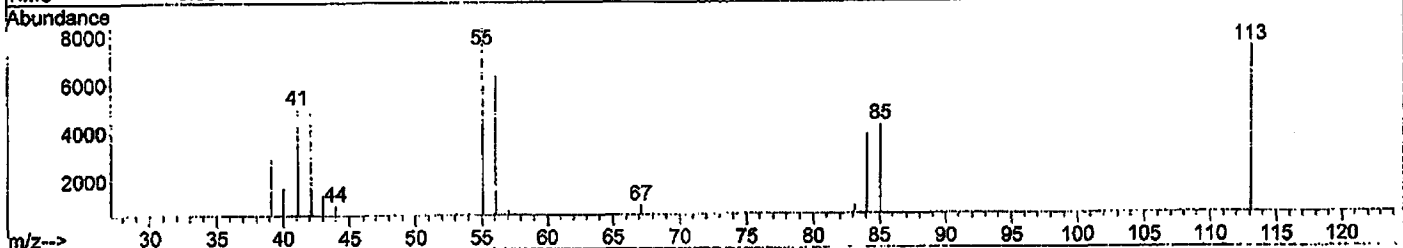
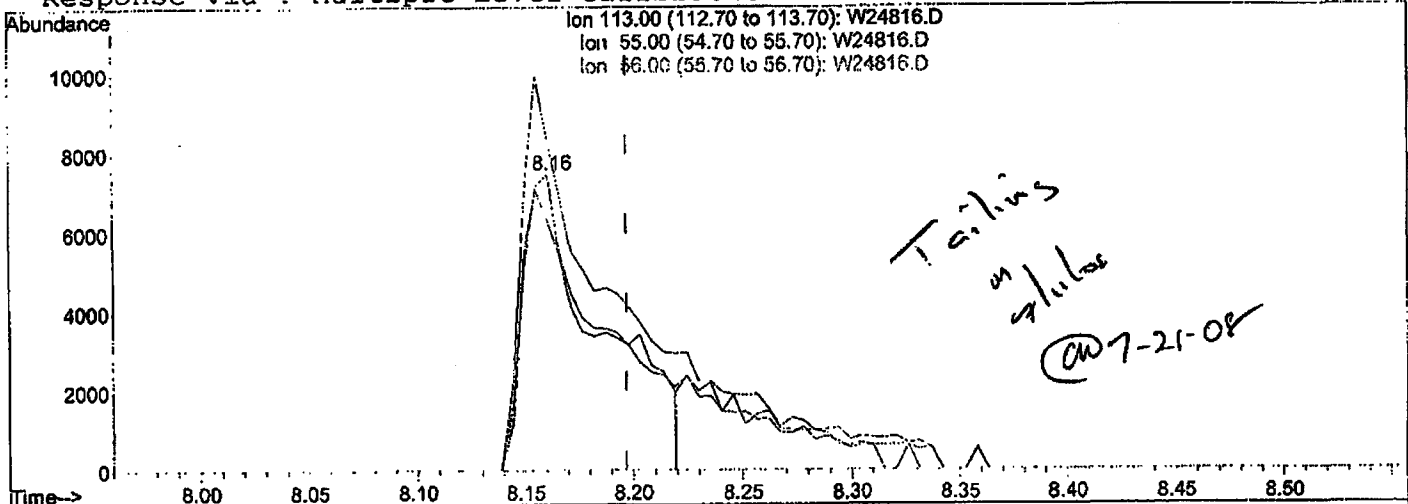
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\070208\W24816.D
 Acq On : 2 Jul 2008 9:47
 Sample : SST050
 Misc : TCLADDS(5-27-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 17:53:49 2008

Vial: 4
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Multiple Level Calibration



TIC: W24816.D

(5) E655 Caprolactam

8.16min (-0.037) 39.45ng

response 19015

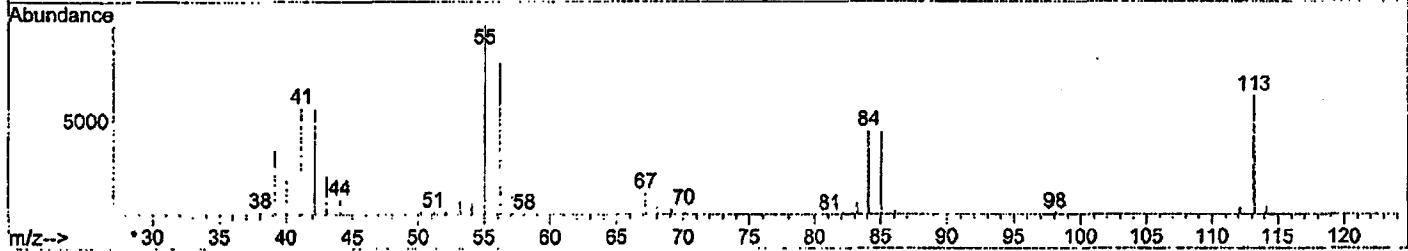
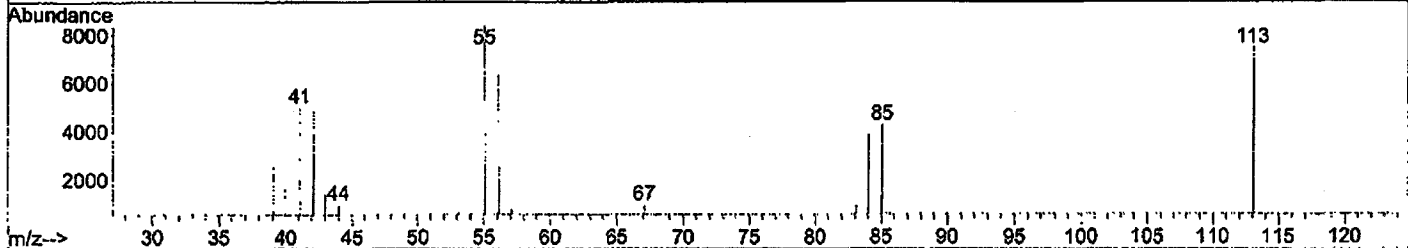
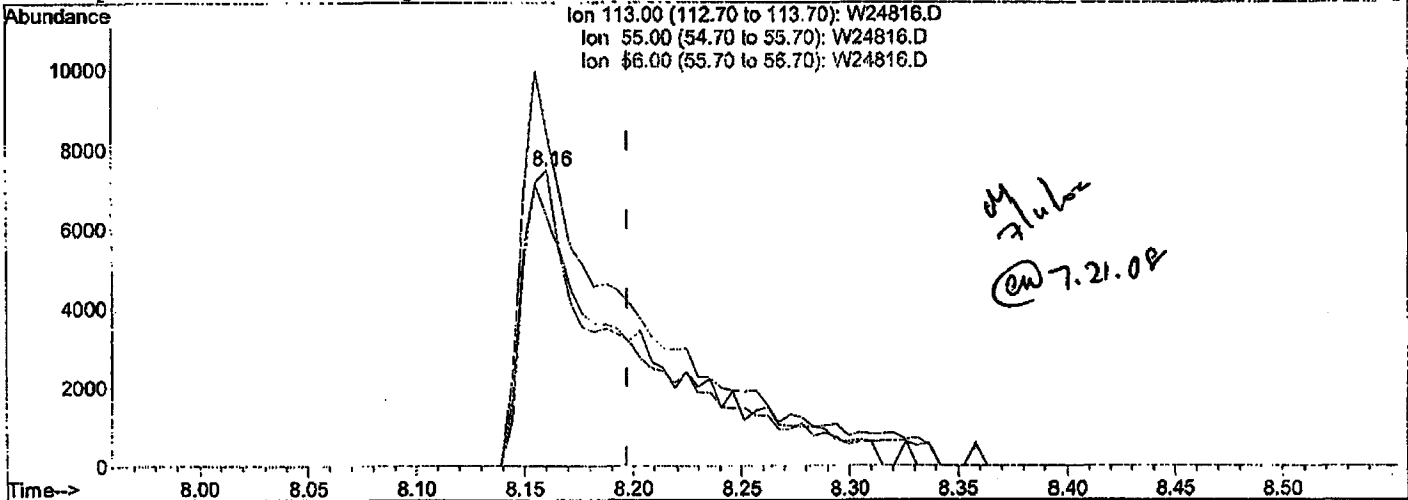
Ion	Exp%	Act%
113.00	100	100
55.00	186.30	112.13#
56.00	140.30	84.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\070208\W24816.D
 Acq On : 2 Jul 2008 9:47
 Sample : SSTD050
 Misc : TCLADDS(5-27-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 17:53:49 2008

Vial: 4
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Multiple Level Calibration



TIC: W24816.D

(5) E655 Caprolactam

8.16min (-0.037) 51.58ng m

response 26471

Ion	Exp%	Act%
113.00	100	100
55.00	186.30	112.13#
56.00	140.30	84.55#
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001672-1

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: W24888.RR Calibration Date: 07/08/2008 Time: 11:23

Intrument ID: HP5973W Init. Calib. Date(s): 06/23/2008 06/23/2008

Init. Calib. Times: 09:20 11:15

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	1.9800	2.0268	0.0500	-2.400	20.00
Bis(2-chloroethyl) ether	1.4990	1.6057	0.0500	-7.100	40.00
2-Chlorophenol	1.5610	1.6000	0.0500	-2.500	40.00
2-Methylphenol	1.3260	1.4109	0.0500	-6.400	40.00
2,2'-Oxybis(1-Chloropropane)	1.9000	2.2342	0.0500	-17.600	40.00
4-Methylphenol	1.4410	1.4696	0.0500	-2.000	40.00
N-Nitroso-Di-n-propylamine	1.0400	1.0709	0.0500	-3.000	40.00
Hexachloroethane	0.6870	0.7260	0.0500	-5.700	40.00
Nitrobenzene	0.3620	0.3697	0.0500	-2.100	40.00
Isophorone	0.6610	0.6132	0.0500	7.200	40.00
2-Nitrophenol	0.1850	0.1814	0.0500	1.900	20.00
2,4-Dimethylphenol	0.3430	0.3493	0.0500	-1.800	40.00
Bis(2-chloroethoxy) methane	0.4030	0.4133	0.0500	-2.600	40.00
2,4-Dichlorophenol	0.3030	0.2985	0.0500	1.500	20.00
Naphthalene	1.1040	1.0807	0.0500	2.100	40.00
4-Chloroaniline	0.4230	0.4250	0.0500	-0.500	40.00
Hexachlorobutadiene	0.1910	0.1942	0.0500	-1.700	20.00
4-Chloro-3-methylphenol	0.2800	0.2731	0.0500	2.500	20.00
2-Methylnaphthalene	0.7240	0.7261	0.0500	-0.300	40.00
Hexachlorocyclopentadiene	0.2920	0.3317	0.0500	-13.600	40.00
2,4,6-Trichlorophenol	0.3710	0.3608	0.0500	2.700	20.00
2,4,5-Trichlorophenol	0.3900	0.3842	0.0500	1.500	40.00
2-Chloronaphthalene	1.2620	1.2623	0.0500	0.000	40.00
2-Nitroaniline	0.2810	0.2663	0.0500	5.200	40.00
Dimethyl phthalate	1.3690	1.2955	0.0500	5.400	40.00
Acenaphthylene	1.9310	1.9804	0.0500	-2.600	40.00
2,6-Dinitrotoluene	0.3000	0.2880	0.0500	4.000	40.00
3-Nitroaniline	0.3370	0.3162	0.0500	6.200	40.00
Acenaphthene	1.1290	1.2492	0.0500	-10.600	20.00
2,4-Dinitrophenol	0.0960	0.0814	0.0500	15.200	40.00
4-Nitrophenol	0.1550	0.1294	0.0500	16.500	40.00
Dibenzofuran	1.3170	1.6313	0.0500	-23.900	40.00
2,4-Dinitrotoluene	0.4100	0.4122	0.0500	-0.500	40.00
Diethyl phthalate	1.3880	1.3957	0.0500	-0.600	40.00
4-Chlorophenyl phenyl ether	0.6900	0.6795	0.0500	1.500	40.00
Fluorene	1.4640	1.3135	0.0500	10.300	40.00
4-Nitroaniline	0.3340	0.3112	0.0500	6.800	40.00
4,6-Dinitro-2-methylphenol	0.1030	0.1022	0.0500	0.800	40.00
N-nitrosodiphenylamine	0.5570	0.5574	0.0500	-0.100	20.00

LABELLA ASSOCIATES
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 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001672-1

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: W24888.RR Calibration Date: 07/08/2008 Time: 11:23

Intrument ID: HP5973W Init. Calib. Date(s): 06/23/2008 06/23/2008

Init. Calib. Times: 09:20 11:15

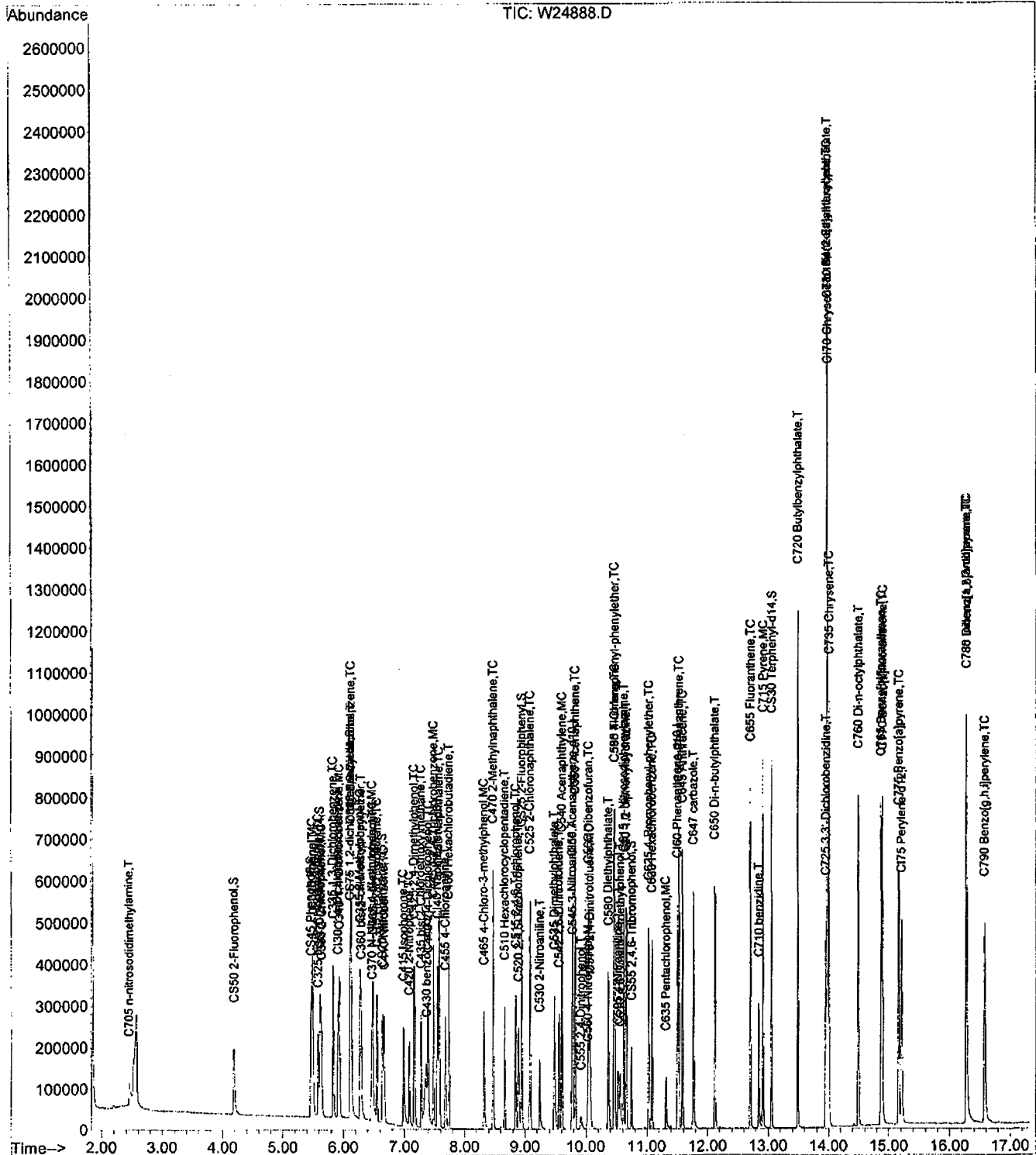
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.2210	0.2247	0.0500	-1.700	40.00
Hexachlorobenzene	0.2400	0.2397	0.0500	0.100	40.00
Pentachlorophenol	0.0980	0.0828	0.0500	15.500	20.00
Phenanthrene	1.1700	1.1443	0.0500	2.200	40.00
Anthracene	1.1820	1.1836	0.0500	-0.100	40.00
Di-n-butyl phthalate	1.4100	1.3863	0.0500	1.700	40.00
Fluoranthene	1.3430	1.2964	0.0500	3.500	20.00
Pyrene	1.2090	1.1790	0.0500	2.500	40.00
Butyl benzyl phthalate	0.5860	0.5725	0.0500	2.300	40.00
3,3'-Dichlorobenzidine	0.4470	0.4053	0.0500	9.300	40.00
Benzo (a) anthracene	1.2740	1.2376	0.0500	2.800	40.00
Chrysene	1.2050	1.1783	0.0500	2.200	40.00
Bis(2-ethylhexyl) phthalate	0.9020	0.9017	0.0500	0.000	40.00
Di-n-octyl phthalate	1.4560	1.3517	0.0500	7.200	20.00
Benzo (b) fluoranthene	1.5080	1.4580	0.0500	3.300	40.00
Benzo (k) fluoranthene	1.4320	1.3119	0.0500	8.400	40.00
Benzo (a) pyrene	1.4130	1.2922	0.0500	8.500	20.00
Indeno (1,2,3-cd) pyrene	1.7440	1.5309	0.0500	12.200	40.00
Dibenzo (a, h) anthracene	1.5220	1.2716	0.0500	16.400	40.00
Benzo (ghi) perylene	1.5010	1.3524	0.0500	9.900	40.00
Carbazole	1.1770	1.0988	0.0500	6.600	100.00
=====					
Nitrobenzene-D5	0.3530	0.3637	0.0500	-3.000	40.00
2-Fluorobiphenyl	1.4050	1.3836	0.0500	1.500	40.00
p-Terphenyl-d14	0.9320	0.8985	0.0500	3.600	40.00
Phenol-D5	1.7530	1.8263	0.0500	-4.200	40.00
2-Fluorophenol	1.3210	1.3609	0.0500	-3.000	40.00
2,4,6-Tribromophenol	0.0910	0.0936	0.0500	-2.800	40.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070808\W24888.D
 Acq On : 8 Jul 2008 11:23 am
 Sample : SST050
 Misc : 8270 (4-9-08)
 MS Integration Params: rteint.p

Vial: 2
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 08 12:10:58 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070808\W24888.D
 Acq On : 8 Jul 2008 11:23 am
 Sample : SSTD050
 Misc : 8270 (4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 08 12:10:58 2008

Vial: 2
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24888.D (8 Jul 2008 9:44 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.91	152	46198	40.00	ng	-0.09 83.08%
20) CI40 Naphthalene-d8	7.55	136	200826	40.00	ng	-0.07 87.87%
35) CI50 Acenaphthene-d10	9.78	164	111270	40.00	ng	-0.06 84.23%
56) CI60 Phenanthrene-d10	11.50	188	191224	40.00	ng	-0.05 87.54%
68) CI70 Chrysene-d12	13.98	240	222126	40.00	ng	-0.05 88.88%
78) CI75 Perylene-d12	15.21	264	185897	40.00	ng	-0.07 85.54%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.19	112	78589	48.85	ng	-0.12
Spiked Amount	150.000	Range	21 - 110	Recovery	=	32.57%
5) CS45 Phenol-d5	5.47	99	105463	52.09	ng	-0.10
Spiked Amount	150.000	Range	10 - 110	Recovery	=	34.73%
6) CS70 2-chlorophenol-d4	5.62	132	88601	51.27	ng	-0.10
Spiked Amount	150.000	Range	33 - 110	Recovery	=	34.18%
12) CS75 1,2-dichlorobenzene-d	6.11	152	56348	50.77	ng	-0.08
Spiked Amount	100.000	Range	16 - 110	Recovery	=	50.77%
21) CS20 Nitrobenzene-d5	6.64	82	91309	51.58	ng	-0.08
Spiked Amount	100.000	Range	34 - 114	Recovery	=	51.58%
39) CS25 2-Fluorobiphenyl	8.95	172	192437	49.22	ng	-0.06
Spiked Amount	100.000	Range	43 - 116	Recovery	=	49.22%
59) CS55 2,4,6-Tribromophenol	10.75	330	22363	48.90	ng	-0.06
Spiked Amount	150.000	Range	10 - 123	Recovery	=	32.60%
71) CS30 Terphenyl-d14	13.05	244	249467	48.19	ng	-0.05
Spiked Amount	100.000	Range	33 - 141	Recovery	=	48.19%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.45	74	53123	53.06	ng	92
4) C325 bis(2-Chloroethyl)eth	5.59	93	92726	53.55	ng	89
7) C315 Phenol	5.48	94	117040	51.18	ng	91
8) C330 2-Chlorophenol	5.64	128	92394	51.24	ng	85
9) C320 aniline	5.49	93	131607	53.99	ng	# 34
10) C335 1,3-Dichlorobenzene	5.83	146	99786	51.60	ng	99
11) C340 1,4-Dichlorobenzene	5.94	146	101482	50.44	ng	95
13) C350 1,2-Dichlorobenzene	6.12	146	98217	50.88	ng	99
14) C345 Benzyl alcohol	6.12	108	59024	51.19	ng	88
15) C360 bis(2-chloroisopropyl	6.30	45	129021	58.79	ng	80
16) C355 2-Methylphenol	6.27	108	81478	53.19	ng	95
17) C375 Hexachloroethane	6.55	117	41927	52.82	ng	86
18) C370 N-Nitroso-di-n-propyl	6.47	70	61842	51.48	ng	94
19) C365 4-Methylphenol	6.48	108	84867	50.98	ng	99
22) C410 Nitrobenzene	6.67	77	92807	51.02	ng	87
23) C415 Isophorone	6.99	82	153930	46.36	ng	94
24) C430 benzoic acid	7.37	122	97347	152.31	ng	92
25) C420 2-Nitrophenol	7.08	139	45546	48.95	ng	83
26) C425 2,4-Dimethylphenol	7.16	107	87690	50.91	ng	93
27) C435 bis(2-Chloroethoxy)me	7.28	93	103741	51.25	ng	98
28) C440 2,4-Dichlorophenol	7.40	162	74932	49.30	ng	94

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070808\W24888.D
 Acq On : 8 Jul 2008 11:23 am
 Sample : SSTD050
 Misc : 8270 (4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 08 12:10:58 2008

Vial: 2
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jun 23 14:48:35 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24888.D (8 Jul 2008 9:44 am)

Internal Standards	R.T.	QI on	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.49	180	82294	50.40	ng		99
30) C450 Naphthalene	7.58	128	271292	48.96	ng		96
31) C455 4-Chloroaniline	7.68	127	106678	50.23	ng		100
32) C460 Hexachlorobutadiene	7.74	225	48761	50.84	ng		98
33) C465 4-Chloro-3-methylphen	8.32	107	68546	48.84	ng		86
34) C470 2-Methylnaphthalene	8.47	142	182274	50.15	ng		93
36) C510 Hexachlorocyclopentad	8.66	237	46131	63.50	ng		99
37) C515 2,4,6-Trichlorophenol	8.84	196	50184	56.72	ng		97
38) C520 2,4,5-Trichlorophenol	8.89	196	53443	54.57	ng		99
40) C525 2-Chloronaphthalene	9.08	162	175568	59.22	ng		95
41) C530 2-Nitroaniline	9.24	65	37037	60.76	ng		86
42) C540 Acenaphthylene	9.60	152	275453	51.28	ng		97
43) C535 Dimethylphthalate	9.48	163	180188	47.32	ng		99
44) C542 2,6-Dinitrotoluene	9.55	165	40064	56.34	ng		92
45) C550 Acenaphthene	9.82	153	173751	55.34	ng		97
46) C545 3-Nitroaniline	9.77	138	43986	53.82	ng		85
47) C555 2,4-Dinitrophenol	9.92	184	11321	55.41	ng	#	82
48) C565 Dibenzofuran	10.05	168	226895	78.98	ng		84
49) C570 2,4-Dinitrotoluene	10.07	165	57338	57.24	ng	#	1
50) C560 4-Nitrophenol	10.02	109	17998	50.16	ng	#	84
51) C590 Fluorene	10.46	166	182689	56.15	ng		100
52) C585 4-Chlorophenyl-phenyl	10.47	204	94510	60.39	ng		96
53) C580 Diethylphthalate	10.37	149	194120	50.29	ng		98
54) C620 1,2 diphenylhydrazine	10.66	77	208300	61.41	ng		95
55) C595 4-Nitroaniline	10.52	138	43281	52.55	ng		87
57) C610 4,6-Dinitro-2-methylp	10.56	198	24428	46.21	ng		100
58) C615 n-Nitrosodiphenylamin	10.62	169	133234	50.00	ng		95
60) C625 4-Bromophenyl-phenyle	11.03	248	53717	50.89	ng		95
61) C630 Hexachlorobenzene	11.08	284	57285	49.86	ng		97
62) C635 Pentachlorophenol	11.31	266	19782	41.05	ng		99
63) C640 Phenanthrene	11.53	178	273522	48.92	ng		97
64) C645 Anthracene	11.58	178	282909	50.08	ng		97
65) C647 carbazole	11.77	167	262648	46.69	ng		97
66) C650 Di-n-butylphthalate	12.12	149	331358	49.17	ng		98
67) C655 Fluoranthene	12.70	202	309877	48.27	ng		98
69) C715 Pyrene	12.91	202	327352	48.76	ng		98
70) C710 benzidine	12.84	184	133780	68.89	ng		99
72) C720 Butylbenzylphthalate	13.49	149	158969	48.87	ng		95
73) C725 3,3'-Dichlorobenzidin	13.95	252	112530	45.36	ng		96
74) C730 Benzo[a]anthracene	13.97	228	343636	48.58	ng		98
75) C735 Chrysene	14.00	228	327153	48.88	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.97	149	250369	49.96	ng		98
77) C760 Di-n-octylphthalate	14.50	149	375309	46.43	ng		99
79) C765 Benzo[b]fluoranthene	14.87	252	338800	48.34	ng		97
80) C770 Benzo[k]fluoranthene	14.90	252	304840	45.80	ng		98
81) C775 Benzo[a]pyrene	15.16	252	300263	45.71	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.28	276	355739	43.89	ng		98
83) C785 Dibenz[a,h]anthracene	16.28	278	295491	41.78	ng		98
84) C790 Benzo[g,h,i]perylene	16.58	276	314256	45.05	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001672-2

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: W24889.RR Calibration Date: 07/08/2008 Time: 11:46

Intrument ID: HP5973W Init. Calib. Date(s): 06/23/2008 06/23/2008

Init. Calib. Times: 12:24 14:19

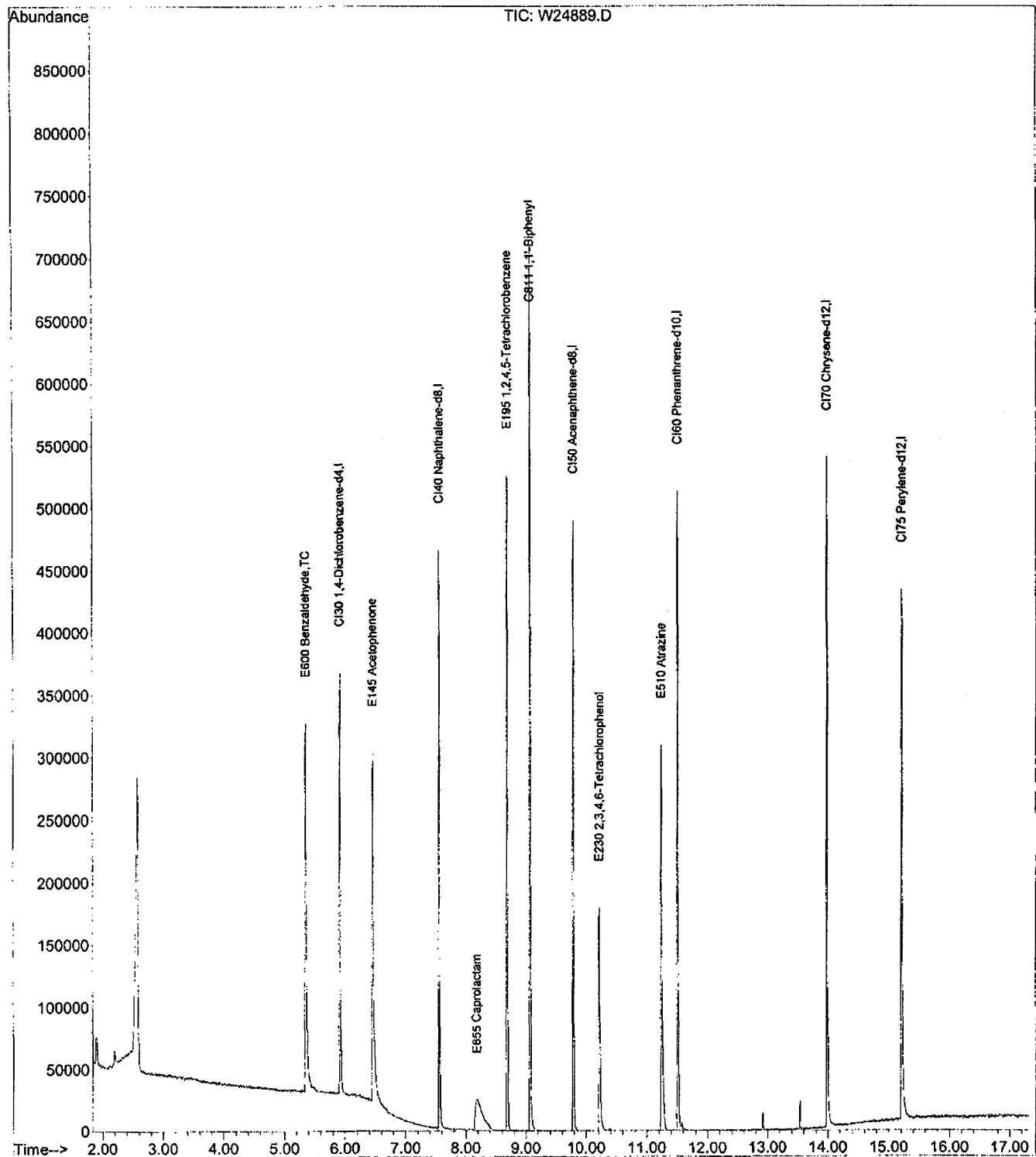
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.0840	0.1001	0.0500	-19.200	40.00
Atrazine	0.2370	0.2465	0.0500	-4.000	40.00
Acetophenone	1.8560	1.7033	0.0500	8.200	40.00
Biphenyl	1.7780	1.7072	0.0500	4.000	40.00
Benzaldehyde	1.1260	1.1497	0.0500	-2.100	40.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070808\W24889.D
Acq On : 8 Jul 2008 11:46
Sample : SST050
Misc : TCLADDS(5-27-08)
MS Integration Params: rteint.p

Vial: 3
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 11 17:52:44 2008 Results File: TCLADDS...0469.RES
Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jun 24 08:33:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\070808\W24889.D Vial: 3
 Acq On : 8 Jul 2008 11:46 Operator: AJ
 Sample : SSTD050 Inst : Instrumen
 Misc : TCLADDS(5-27-08) Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 11 17:52:44 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1\...TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	64222	40.00	ng	-0.07 131.70%
4) CI40 Naphthalene-d8	7.56	136	236424	40.00	ng	-0.06 121.40%
7) CI50 Acenaphthene-d8	9.78	164	123764	40.00	ng	-0.06 134.24%
10) CI60 Phenanthrene-d10	11.50	188	191543	40.00	ng	-0.05 124.04%
12) CI70 Chrysene-d12	13.98	240	203785	40.00	ng	-0.05 111.27%
13) CI75 Perylene-d12	15.21	264	192306	40.00	ng	-0.06 107.57%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.36	77	92293	51.05	ng	86
3) E145 Acetophenone	6.46	105	136737	45.89	ng	91
5) E655 Caprolactam	8.19	113	29587 ^m	50.38	ng	# 62
6) E195 1,2,4,5-Tetrachlorobe	8.68	216	95118	51.23	ng	# 100
8) C811 1,1'-Biphenyl	9.07	154	264115	48.00	ng	94
9) E230 2,3,4,6-Tetrachloroph	10.22	232	34913	45.63	ng	96
11) E510 Atrazine	11.24	200	59023	51.97	ng	97

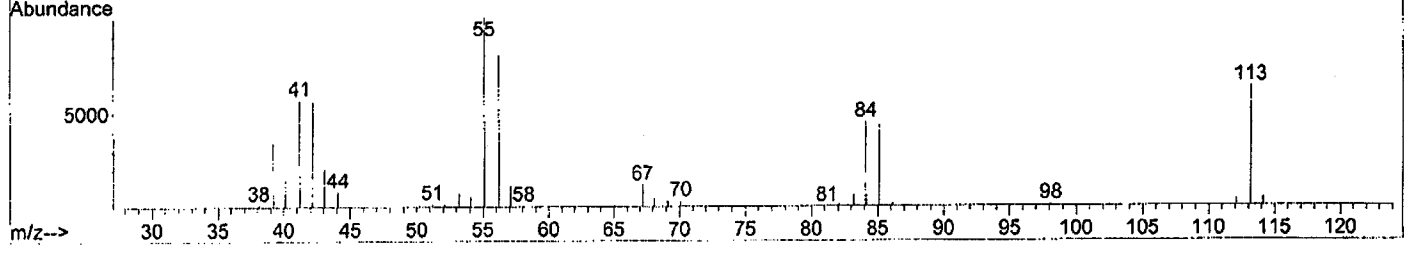
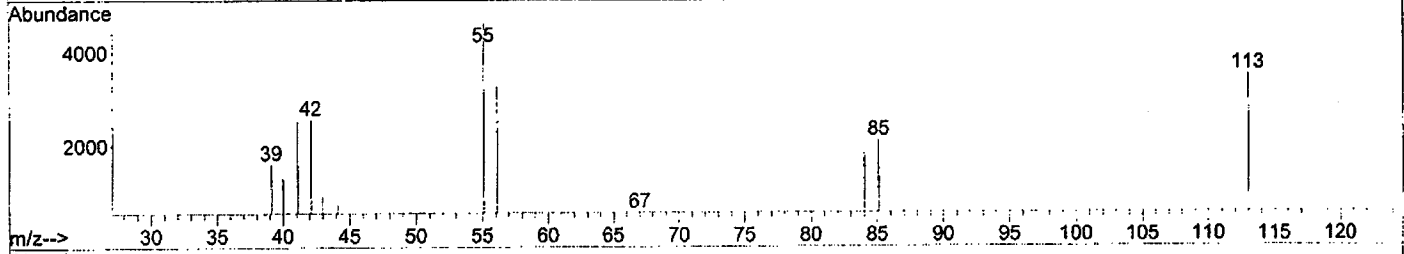
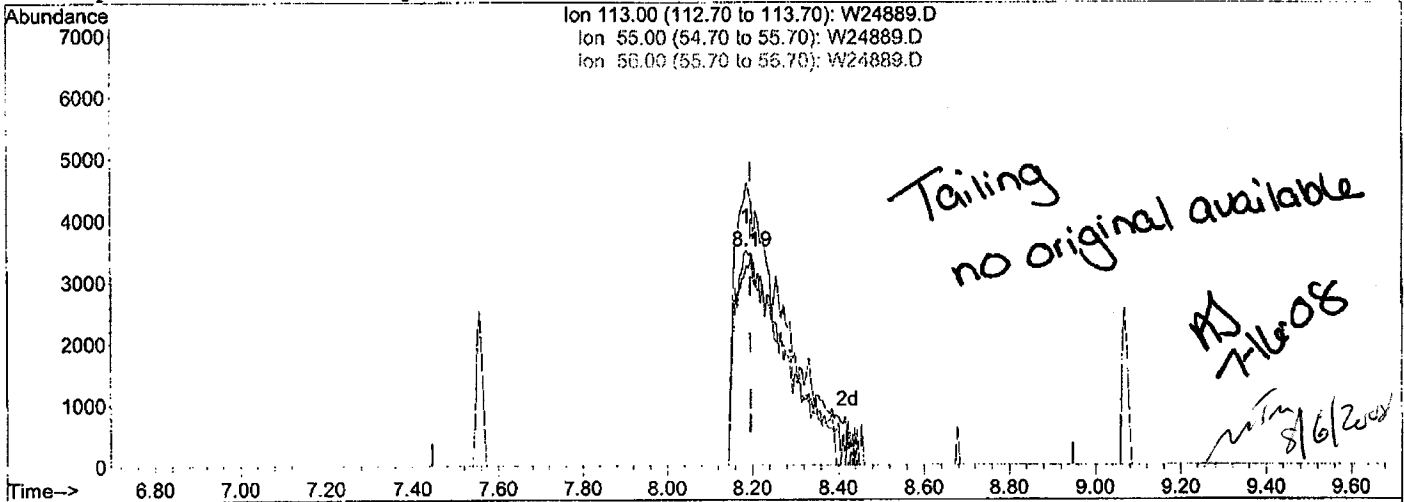
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\070808\W24889.D
 Acq On : 8 Jul 2008 11:46
 Sample : SST050
 Misc : TCLADDS(5-27-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 17:52:44 2008

Vial: 3
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...CLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Wed Jul 16 07:25:23 2008
 Response via : Multiple Level Calibration



TIC: W24889.D

(5) E655 Caprolactam

8.19min (-0.010) 50.38ng m

response 29587

Ion	Exp%	Act%
113.00	100	100
55.00	186.30	131.75#
56.00	140.30	93.14#
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001738-1

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: W24976.RR Calibration Date: 07/11/2008 Time: 11:28

Intrument ID: HP5973W Init. Calib. Date(s): 07/10/2008 07/10/2008

Init. Calib. Times: 13:21 15:41

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.0310	2.1084	0.0500	-3.800	20.00
Bis(2-chloroethyl) ether	1.5420	1.4926	0.0500	3.200	40.00
2-Chlorophenol	1.5750	1.6085	0.0500	-2.100	40.00
2-Methylphenol	1.3990	1.4245	0.0500	-1.800	40.00
2,2'-Oxybis(1-Chloropropane)	2.2030	2.3148	0.0500	-5.100	40.00
4-Methylphenol	1.4410	1.5057	0.0500	-4.500	40.00
N-Nitroso-Di-n-propylamine	1.0890	1.1115	0.0500	-2.100	40.00
Hexachloroethane	0.7110	0.7120	0.0500	-0.100	40.00
Nitrobenzene	0.3880	0.3932	0.0500	-1.300	40.00
Isophorone	0.6860	0.6914	0.0500	-0.800	40.00
2-Nitrophenol	0.1790	0.1934	0.0500	-8.000	20.00
2,4-Dimethylphenol	0.3610	0.3566	0.0500	1.200	40.00
Bis(2-chloroethoxy) methane	0.4030	0.4150	0.0500	-3.000	40.00
2,4-Dichlorophenol	0.2840	0.3070	0.0500	-8.100	20.00
Naphthalene	1.1110	1.0898	0.0500	1.900	40.00
4-Chloroaniline	0.4290	0.4408	0.0500	-2.800	40.00
Hexachlorobutadiene	0.1960	0.1908	0.0500	2.600	20.00
4-Chloro-3-methylphenol	0.2860	0.2948	0.0500	-3.100	20.00
2-Methylnaphthalene	0.7400	0.7324	0.0500	1.000	40.00
Hexachlorocyclopentadiene	0.2420	0.2636	0.0500	-8.900	40.00
2,4,6-Trichlorophenol	0.3400	0.3737	0.0500	-9.900	20.00
2,4,5-Trichlorophenol	0.3710	0.3864	0.0500	-4.200	40.00
2-Chloronaphthalene	1.2230	1.2622	0.0500	-3.200	40.00
2-Nitroaniline	0.2840	0.3204	0.0500	-12.800	40.00
Dimethyl phthalate	1.3020	1.3293	0.0500	-2.100	40.00
Acenaphthylene	1.9350	1.9861	0.0500	-2.600	40.00
2,6-Dinitrotoluene	0.2840	0.2885	0.0500	-1.600	40.00
3-Nitroaniline	0.3050	0.3292	0.0500	-7.900	40.00
Acenaphthene	1.2330	1.2117	0.0500	1.700	20.00
2,4-Dinitrophenol	0.1300	0.0927	0.0500	28.700	40.00
4-Nitrophenol	0.1540	0.1372	0.0500	10.900	40.00
Dibenzofuran	1.6920	1.7144	0.0500	-1.300	40.00
2,4-Dinitrotoluene	0.4120	0.4184	0.0500	-1.600	40.00
Diethyl phthalate	1.3510	1.3523	0.0500	-0.100	40.00
4-Chlorophenyl phenyl ether	0.6640	0.6485	0.0500	2.300	40.00
Fluorene	1.3850	1.3293	0.0500	4.000	40.00
4-Nitroaniline	0.3350	0.3192	0.0500	4.700	40.00
4,6-Dinitro-2-methylphenol	0.1050	0.1113	0.0500	-6.000	40.00
N-nitrosodiphenylamine	0.5690	0.5664	0.0500	0.500	20.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001738-1

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: W24976.RR Calibration Date: 07/11/2008 Time: 11:28

Intrument ID: HP5973W Init. Calib. Date(s): 07/10/2008 07/10/2008

Init. Calib. Times: 13:21 15:41

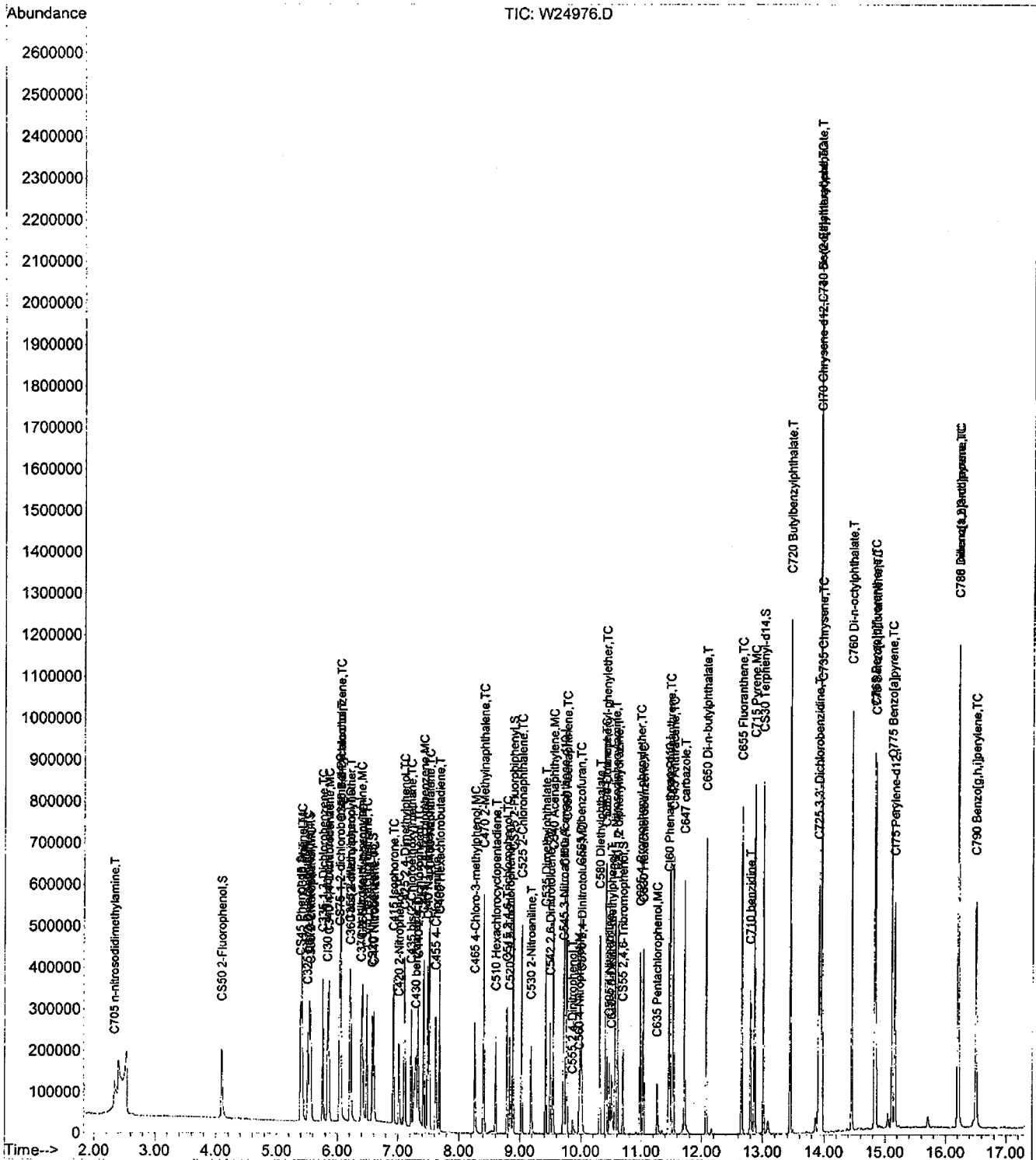
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.2260	0.2261	0.0500	0.000	40.00
Hexachlorobenzene	0.2440	0.2385	0.0500	2.200	40.00
Pentachlorophenol	0.0880	0.0872	0.0500	0.900	20.00
Phenanthrene	1.1750	1.1488	0.0500	2.200	40.00
Anthracene	1.2050	1.1858	0.0500	1.600	40.00
Di-n-butyl phthalate	1.3280	1.3505	0.0500	-1.700	40.00
Fluoranthene	1.3000	1.3158	0.0500	-1.200	20.00
Pyrene	1.2060	1.1736	0.0500	2.700	40.00
Butyl benzyl phthalate	0.5580	0.5639	0.0500	-1.000	40.00
3,3'-Dichlorobenzidine	0.4170	0.4484	0.0500	-7.500	40.00
Benzo (a) anthracene	1.2230	1.2121	0.0500	0.900	40.00
Chrysene	1.1870	1.1751	0.0500	1.000	40.00
Bis(2-ethylhexyl) phthalate	0.8410	0.8466	0.0500	-0.700	40.00
Di-n-octyl phthalate	1.2780	1.4019	0.0500	-9.700	20.00
Benzo (b) fluoranthene	1.4510	1.4192	0.0500	2.200	40.00
Benzo (k) fluoranthene	1.3480	1.4396	0.0500	-6.800	40.00
Benzo (a) pyrene	1.2590	1.3004	0.0500	-3.300	20.00
Indeno (1,2,3-cd) pyrene	1.7930	1.5622	0.0500	12.900	40.00
Dibenzo (a,h) anthracene	1.5560	1.3557	0.0500	12.900	40.00
Benzo (ghi) perylene	1.5050	1.3385	0.0500	11.100	40.00
Carbazole	1.1320	1.1429	0.0500	-1.000	100.00
=====					
Nitrobenzene-D5	0.3680	0.3733	0.0500	-1.400	40.00
2-Fluorobiphenyl	1.3630	1.4085	0.0500	-3.300	40.00
p-Terphenyl-d14	0.9410	0.8896	0.0500	5.500	40.00
Phenol-D5	1.7610	1.8828	0.0500	-6.900	40.00
2-Fluorophenol	1.2360	1.4368	0.0500	-16.200	40.00
2,4,6-Tribromophenol	0.0970	0.0932	0.0500	3.900	40.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\071108\W24976.D
Acq On : 11 Jul 2008 11:28
Sample : SSTD050
Misc : 8270(6-24-08)
MS Integration Params: rteint.p

Vial: 2
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 11 12:20:41 2008 Results File: A8I-516(7-11).RES
Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jul 11 07:46:41 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\071108\W24976.D
 Acq On : 11 Jul 2008 11:28
 Sample : SSTD050
 Misc : 8270(6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 12:20:41 2008

Vial: 2
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 11 07:46:41 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071008\W24955.D (10 Jul 2008 14:07)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.84	152	45000	40.00	ng	-0.02 83.37%
20) CI40 Naphthalene-d8	7.49	136	191856	40.00	ng	-0.02 86.55%
35) CI50 Acenaphthene-d10	9.72	164	106548	40.00	ng	-0.02 81.36%
56) CI60 Phenanthrene-d10	11.46	188	183640	40.00	ng	-0.01 82.06%
68) CI70 Chrysene-d12	13.94	240	214640	40.00	ng	-0.01 80.19%
78) CI75 Perylene-d12	15.16	264	190515	40.00	ng	-0.02 84.90%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.09	112	80818	52.54	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery =	35.03%		
5) CS45 Phenol-d5	5.39	99	105910	53.47	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery =	35.65%		
6) CS70 2-chlorophenol-d4	5.54	132	86691	50.89	ng	-0.02
Spiked Amount 150.000	Range 33 - 110		Recovery =	33.93%		
12) CS75 1,2-dichlorobenzene-d	6.03	152	53950	49.65	ng	-0.02
Spiked Amount 100.000	Range 16 - 110		Recovery =	49.65%		
21) CS20 Nitrobenzene-d5	6.57	82	89524	50.79	ng	-0.02
Spiked Amount 100.000	Range 34 - 114		Recovery =	50.79%		
39) CS25 2-Fluorobiphenyl	8.89	172	187587	51.69	ng	-0.02
Spiked Amount 100.000	Range 43 - 116		Recovery =	51.69%		
59) CS55 2,4,6-Tribromophenol	10.69	330	21405	45.61	ng	-0.02
Spiked Amount 150.000	Range 10 - 123		Recovery =	30.41%		
71) CS30 Terphenyl-d14	13.01	244	238690	47.28	ng	-0.01
Spiked Amount 100.000	Range 33 - 141		Recovery =	47.28%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.34	74	53951	51.87	ng	90
4) C325 bis(2-Chloroethyl)eth	5.51	93	83958	48.41	ng	91
7) C315 Phenol	5.41	94	118595	51.91	ng	99
8) C330 2-Chlorophenol	5.56	128	90480	51.08	ng	89
9) C320 aniline	5.41	93	132316	50.77	ng	# 36
10) C335 1,3-Dichlorobenzene	5.76	146	97070	51.40	ng	99
11) C340 1,4-Dichlorobenzene	5.86	146	98270	49.87	ng	97
13) C350 1,2-Dichlorobenzene	6.06	146	95338	50.15	ng	97
14) C345 Benzyl alcohol	6.05	108	58440	49.74	ng	90
15) C360 bis(2-chloroisopropyl	6.22	45	130208	52.53	ng	78
16) C355 2-Methylphenol	6.20	108	80127	50.91	ng	95
17) C375 Hexachloroethane	6.48	117	40052	50.11	ng	89
18) C370 N-Nitroso-di-n-propyl	6.39	70	62523	51.03	ng	93
19) C365 4-Methylphenol	6.41	108	84696	49.31	ng	95
22) C410 Nitrobenzene	6.60	77	94296	50.71	ng	89
23) C415 Isophorone	6.92	82	165801	50.41	ng	94
24) C430 benzoic acid	7.30	122	110010	158.46	ng	99
25) C420 2-Nitrophenol	7.02	139	46377	50.40	ng	82
26) C425 2,4-Dimethylphenol	7.10	107	85514	49.39	ng	91
27) C435 bis(2-Chloroethoxy)me	7.21	93	99518	51.47	ng	98
28) C440 2,4-Dichlorophenol	7.33	162	73625	49.86	ng	94

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\071108\W24976.D
 Acq On : 11 Jul 2008 11:28
 Sample : SSTD050
 Misc : 8270(6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 12:20:41 2008

Vial: 2
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 11 07:46:41 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071008\W24955.D (10 Jul 2008 14:07)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.42	180	77510	49.34	ng		100
30) C450 Naphthalene	7.51	128	261366	49.03	ng		96
31) C455 4-Chloroaniline	7.62	127	105712	51.33	ng		100
32) C460 Hexachlorobutadiene	7.68	225	45751	48.57	ng		99
33) C465 4-Chloro-3-methylphen	8.26	107	70693	51.47	ng		89
34) C470 2-Methylnaphthalene	8.41	142	175639	49.51	ng		94
36) C510 Hexachlorocyclopentad	8.60	237	35101	55.58	ng		97
37) C515 2,4,6-Trichlorophenol	8.79	196	49769	51.95	ng		97
38) C520 2,4,5-Trichlorophenol	8.83	196	51464	49.74	ng		99
40) C525 2-Chloronaphthalene	9.03	162	168102	51.61	ng		95
41) C530 2-Nitroaniline	9.18	65	42672	52.72	ng	#	82
42) C540 Acenaphthylene	9.54	152	264521	51.32	ng		97
43) C535 Dimethylphthalate	9.42	163	177048	51.03	ng		99
44) C542 2,6-Dinitrotoluene	9.50	165	38426	48.69	ng		96
45) C550 Acenaphthene	9.76	153	161382	49.14	ng		99
46) C545 3-Nitroaniline	9.71	138	43848	48.92	ng		83
47) C555 2,4-Dinitrophenol	9.86	184	12349	51.45	ng	#	69
48) C565 Dibenzofuran	9.99	168	228329	50.65	ng		83
49) C570 2,4-Dinitrotoluene	10.01	165	55722	48.25	ng	#	1
50) C560 4-Nitrophenol	9.97	109	18277	46.06	ng	#	78
51) C590 Fluorene	10.41	166	177037	48.00	ng		100
52) C585 4-Chlorophenyl-phenyl	10.42	204	86372	48.81	ng		98
53) C580 Diethylphthalate	10.31	149	180106	50.05	ng		98
54) C620 1,2 diphenylhydrazine	10.61	77	185951	49.37	ng		94
55) C595 4-Nitroaniline	10.47	138	42516	47.78	ng		90
57) C610 4,6-Dinitro-2-methylp	10.51	198	25544	47.11	ng		100
58) C615 n-Nitrosodiphenylamin	10.56	169	130017	49.74	ng		99
60) C625 4-Bromophenyl-phenyle	10.98	248	51904	50.09	ng		90
61) C630 Hexachlorobenzene	11.03	284	54751	48.97	ng		95
62) C635 Pentachlorophenol	11.27	266	20014	51.47	ng		94
63) C640 Phenanthrene	11.48	178	263709	48.88	ng		98
64) C645 Anthracene	11.54	178	272196	49.22	ng		98
65) C647 carbazole	11.72	167	262357	50.50	ng		97
66) C650 Di-n-butylphthalate	12.08	149	310010	50.85	ng		99
67) C655 Fluoranthene	12.66	202	302046	50.60	ng		97
69) C715 Pyrene	12.87	202	314871	48.64	ng		98
70) C710 benzidine	12.80	184	143653	44.10	ng		98
72) C720 Butylbenzylphthalate	13.44	149	151282	50.55	ng		96
73) C725 3,3'-Dichlorobenzidin	13.91	252	120310	53.74	ng		98
74) C730 Benzo[a]anthracene	13.93	228	325209	49.57	ng		98
75) C735 Chrysene	13.96	228	315282	49.51	ng		97
76) C740 bis(2-Ethylhexyl)pth	13.93	149	227146	50.35	ng		98
77) C760 Di-n-octylphthalate	14.45	149	376143	54.87	ng		100
79) C765 Benzo[b]fluoranthene	14.82	252	337971	48.90	ng		99
80) C770 Benzo[k]fluoranthene	14.84	252	342822m	53.40	ng		98
81) C775 Benzo[a]pyrene	15.11	252	309677	51.66	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.21	276	372024	43.56	ng		97
83) C785 Dibenz[a,h]anthracene	16.21	278	322852	43.57	ng		96
84) C790 Benzo[g,h,i]perylene	16.50	276	318758	44.47	ng		97

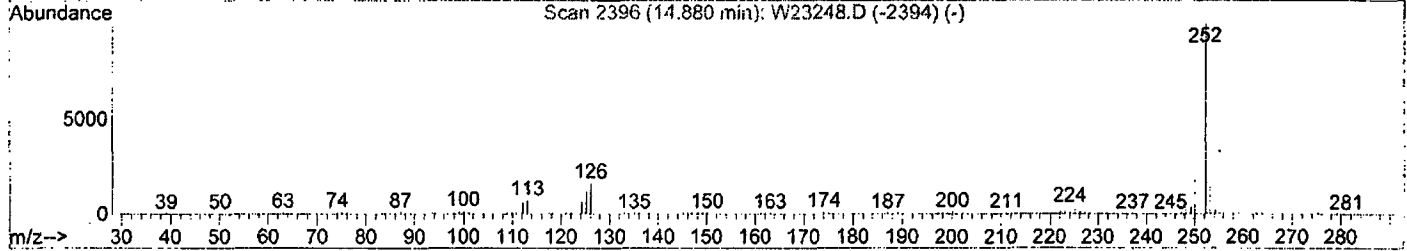
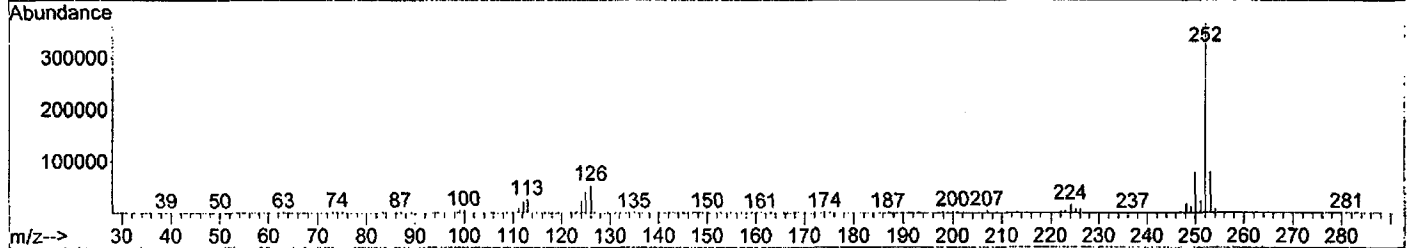
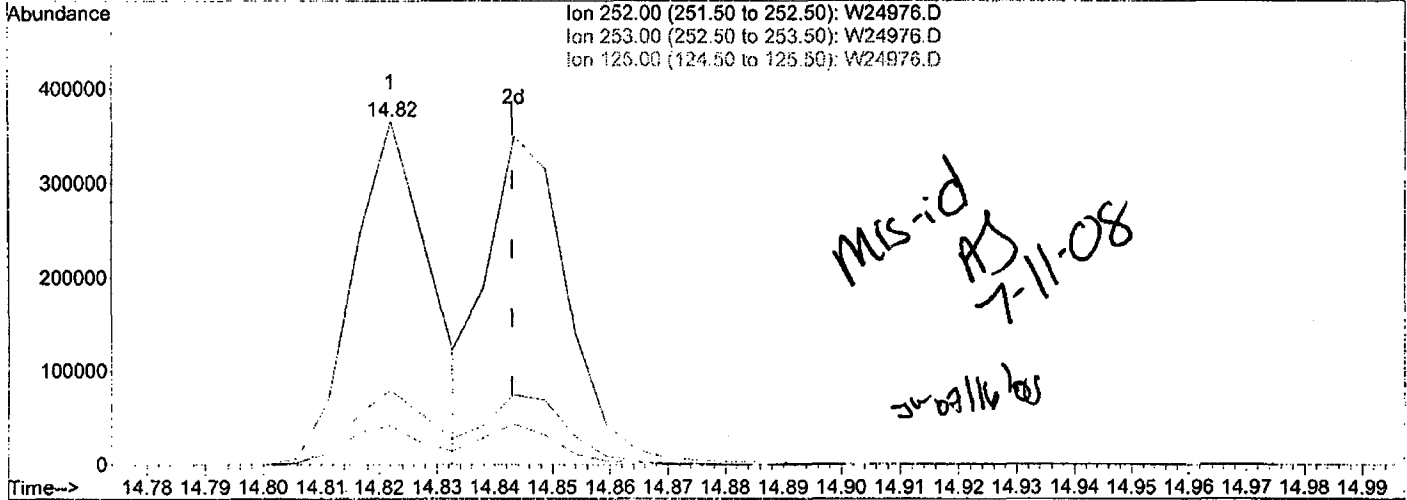
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\071108\W24976.D
 Acq On : 11 Jul 2008 11:28
 Sample : SSTD050
 Misc : 8270(6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 11 12:19:50 2008

Vial: 2
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jul 11 07:46:41 2008
 Response via : Multiple Level Calibration



TIC: W24976.D

(80) C770 Benzo[k]fluoranthene (TC)

14.82min (-0.021) 52.65ng

response 337971

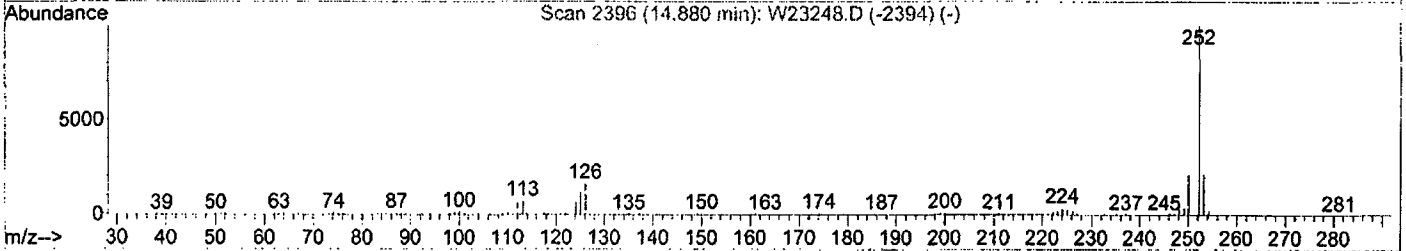
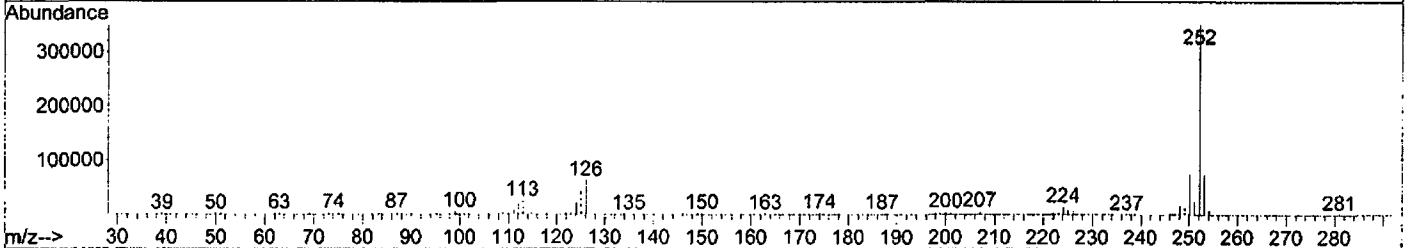
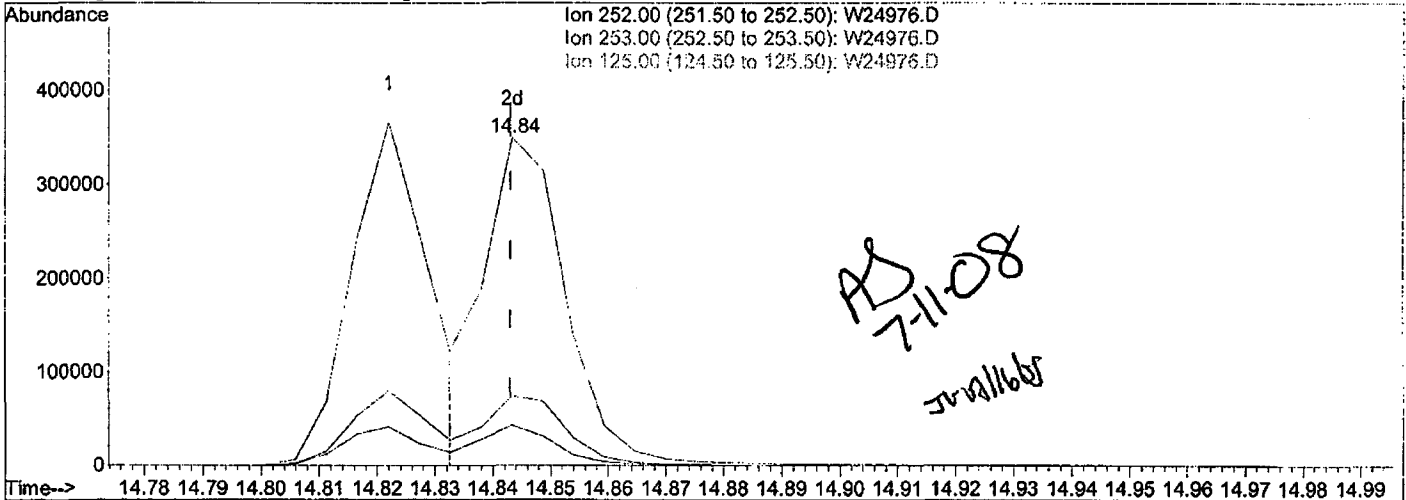
Ion	Exp%	Act%
252.00	100	100
253.00	20.90	21.79
125.00	11.00	11.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\071108\W24976.D
Acq On : 11 Jul 2008 11:28
Sample : SSTD050
Misc : 8270(6-24-08)
MS Integration Params: rteint.p
Quant Time: Jul 11 12:19:50 2008

Vial: 2
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\MET...\A8I-516(7-11).M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jul 11 07:46:41 2008
Response via : Multiple Level Calibration



TIC: W24976.D

(80) C770 Benzo[k]fluoranthene (TC)

14.84min (+0.000) 53.40ng m

response 342822

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	21.33
125.00	11.00	12.30
0.00	0.00	0.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001738-2

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: W24977.RR Calibration Date: 07/11/2008 Time: 11:51

Intrument ID: HP5973W Init. Calib. Date(s): 06/23/2008 06/23/2008

Init. Calib. Times: 12:24 14:19

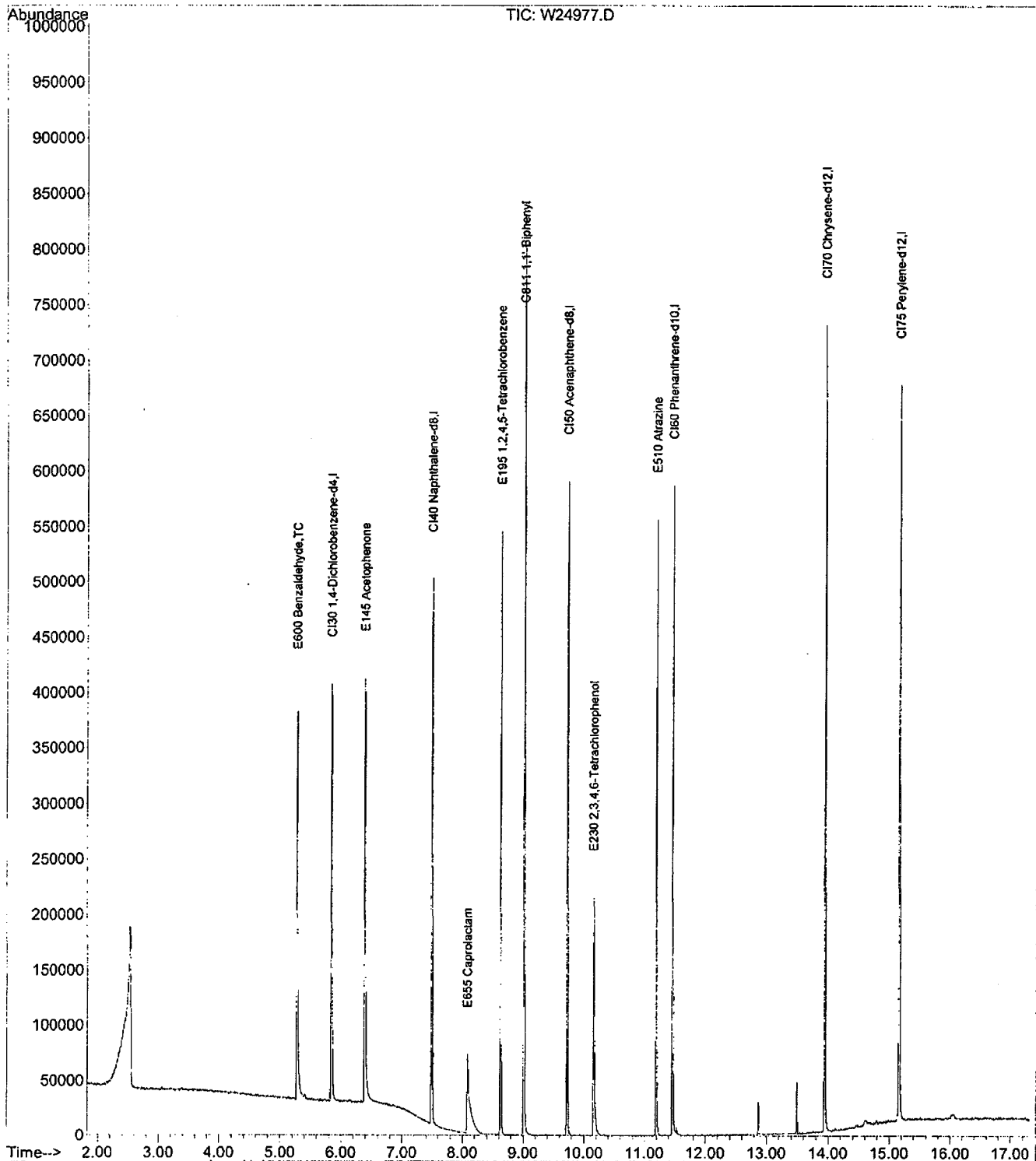
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.0840	0.0965	0.0500	-14.900	40.00
Atrazine	0.2370	0.2459	0.0500	-3.800	40.00
Acetophenone	1.8560	1.6556	0.0500	10.800	40.00
Biphenyl	1.7780	1.6392	0.0500	7.800	40.00
Benzaldehyde	1.1260	1.0663	0.0500	5.300	40.00

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071108\W24977.D
Acq On : 11 Jul 2008 11:51
Sample : SSTD050
Misc : TCLADDS(5-27-08)
MS Integration Params: rteint.p

Vial: 3
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 15 14:42:14 2008 Results File: TCLADDS...0469.RES
Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
Title : TCL ADDS
Last Update : Tue Jun 24 08:33:58 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\071108\W24977.D Vial: 3
 Acq On : 11 Jul 2008 11:51 Operator: AJ
 Sample : SSTD050 Inst : Instrumen
 Misc : TCLADDS(5-27-08) Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 15 14:42:14 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.84	152	73378	40.00	ng	-0.15 150.48%
4) CI40 Naphthalene-d8	7.49	136	251577	40.00	ng	-0.13 129.18%
7) CI50 Acenaphthene-d8	9.73	164	139814	40.00	ng	-0.12 151.65%
10) CI60 Phenanthrene-d10	11.46	188	216926	40.00	ng	-0.10 140.48%
12) CI70 Chrysene-d12	13.94	240	244593	40.00	ng	-0.09 133.55%
13) CI75 Perylene-d12	15.16	264	242924	40.00	ng	-0.12 135.88%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.28	77	97803	47.35	ng	87
3) E145 Acetophenone	6.39	105	151854	44.61	ng	91
5) E655 Caprolactam	8.08	113	30355	48.88	ng	# 66
6) E195 1,2,4,5-Tetrachlorobe	8.62	216	101644	51.45	ng	# 100
8) C811 1,1'-Biphenyl	9.01	154	286473	46.08	ng	94
9) E230 2,3,4,6-Tetrachloroph	10.16	232	42840	48.86	ng	95
11) E510 Atrazine	11.19	200	66686	51.85	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
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 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001623-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: X24755.RR Calibration Date: 07/01/2008 Time: 09:05

Intrument ID: HP5973X Init. Calib. Date(s): 06/03/2008 06/03/2008

Init. Calib. Times: 08:38 10:33

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.1620	2.0950	0.0500	3.100	20.00
Bis(2-chloroethyl) ether	1.4710	1.4733	0.0500	-0.200	40.00
2-Chlorophenol	1.6050	1.5981	0.0500	0.400	40.00
2-Methylphenol	1.4110	1.3285	0.0500	5.800	40.00
2,2'-Oxybis(1-Chloropropane)	1.6790	1.6944	0.0500	-0.900	40.00
4-Methylphenol	1.5560	1.4963	0.0500	3.800	40.00
N-Nitroso-Di-n-propylamine	1.0980	1.0914	0.0500	0.600	40.00
Hexachloroethane	0.5750	0.6315	0.0500	-9.800	40.00
Nitrobenzene	0.3730	0.4011	0.0500	-7.500	40.00
Isophorone	0.7280	0.7488	0.0500	-2.800	40.00
2-Nitrophenol	0.2010	0.2145	0.0500	-6.700	20.00
2,4-Dimethylphenol	0.3610	0.3755	0.0500	-4.000	40.00
Bis(2-chloroethoxy) methane	0.4120	0.4286	0.0500	-4.000	40.00
2,4-Dichlorophenol	0.3160	0.3162	0.0500	-0.100	20.00
Naphthalene	1.0830	1.1259	0.0500	-4.000	40.00
4-Chloroaniline	0.4730	0.4339	0.0500	8.300	40.00
Hexachlorobutadiene	0.1760	0.1931	0.0500	-9.700	20.00
4-Chloro-3-methylphenol	0.3330	0.3346	0.0500	-0.500	20.00
2-Methylnaphthalene	0.7340	0.7424	0.0500	-1.100	40.00
Hexachlorocyclopentadiene	0.3170	0.3731	0.0500	-17.700	40.00
2,4,6-Trichlorophenol	0.3570	0.3797	0.0500	-6.400	20.00
2,4,5-Trichlorophenol	0.3920	0.4054	0.0500	-3.400	40.00
2-Chloronaphthalene	1.1070	1.1745	0.0500	-6.100	40.00
2-Nitroaniline	0.3370	0.3434	0.0500	-1.900	40.00
Dimethyl phthalate	1.3300	1.3656	0.0500	-2.700	40.00
Acenaphthylene	1.7840	1.8766	0.0500	-5.200	40.00
2,6-Dinitrotoluene	0.3120	0.3171	0.0500	-1.600	40.00
3-Nitroaniline	0.3620	0.3515	0.0500	2.900	40.00
Acenaphthene	1.0890	1.1333	0.0500	-4.100	20.00
2,4-Dinitrophenol	0.1650	0.1699	0.0500	-3.000	40.00
4-Nitrophenol	0.1470	0.1608	0.0500	-9.400	40.00
Dibenzofuran	1.6060	1.6541	0.0500	-3.000	40.00
2,4-Dinitrotoluene	0.4420	0.4342	0.0500	1.800	40.00
Diethyl phthalate	1.2580	1.3290	0.0500	-5.600	40.00
4-Chlorophenyl phenyl ether	0.6370	0.6651	0.0500	-4.400	40.00
Fluorene	1.2820	1.3132	0.0500	-2.400	40.00
4-Nitroaniline	0.3840	0.3623	0.0500	5.600	40.00
4,6-Dinitro-2-methylphenol	0.1230	0.1355	0.0500	-10.200	40.00
N-nitrosodiphenylamine	0.5350	0.5628	0.0500	-5.200	20.00

LABELLA ASSOCIATES
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 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001623-1

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: X24755.RR Calibration Date: 07/01/2008 Time: 09:05

Intrument ID: HP5973X Init. Calib. Date(s): 06/03/2008 06/03/2008

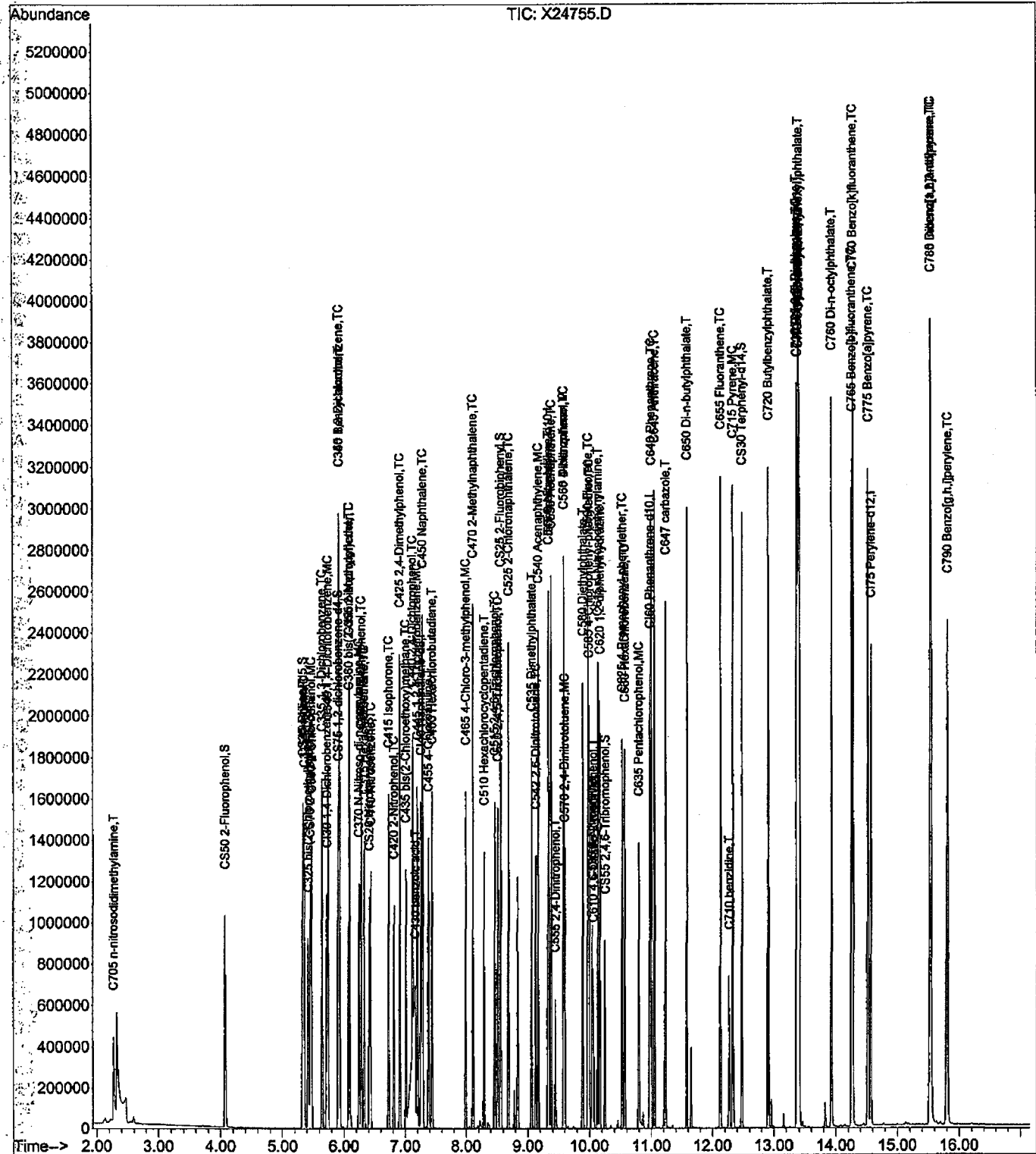
Init. Calib. Times: 08:38 10:33

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.2020	0.2177	0.0500	-7.800	40.00
Hexachlorobenzene	0.2100	0.2163	0.0500	-3.000	40.00
Pentachlorophenol	0.1240	0.1352	0.0500	-9.000	20.00
Phenanthrene	1.0480	1.0917	0.0500	-4.200	40.00
Anthracene	1.0570	1.1003	0.0500	-4.100	40.00
Di-n-butyl phthalate	1.1340	1.3298	0.0500	-17.300	40.00
Fluoranthene	1.1680	1.1916	0.0500	-2.000	20.00
Pyrene	1.2930	1.2879	0.0500	0.400	40.00
Butyl benzyl phthalate	0.5540	0.6403	0.0500	-15.600	40.00
3,3'-Dichlorobenzidine	0.4780	0.4853	0.0500	-1.500	40.00
Benzo(a)anthracene	1.2390	1.2399	0.0500	-0.100	40.00
Chrysene	1.2310	1.1699	0.0500	5.000	40.00
Bis(2-ethylhexyl) phthalate	0.7490	0.9369	0.0500	-25.100	40.00
Di-n-octyl phthalate	1.3960	1.6476	0.0500	-18.000	20.00
Benzo(b)fluoranthene	1.4320	1.4406	0.0500	-0.600	40.00
Benzo(k)fluoranthene	1.1240	1.2683	0.0500	-12.800	40.00
Benzo(a)pyrene	1.2570	1.3638	0.0500	-8.500	20.00
Indeno(1,2,3-cd)pyrene	1.4880	1.6595	0.0500	-11.500	40.00
Dibenzo(a,h)anthracene	1.2630	1.3876	0.0500	-9.900	40.00
Benzo(ghi)perylene	1.3070	1.4801	0.0500	-13.200	40.00
Carbazole	1.0600	1.0752	0.0500	-1.400	100.00
=====					
Nitrobenzene-D5	0.3580	0.3895	0.0500	-8.800	40.00
2-Fluorobiphenyl	1.2580	1.3402	0.0500	-6.500	40.00
p-Terphenyl-d14	0.9880	1.0048	0.0500	-1.700	40.00
Phenol-D5	1.8590	1.8072	0.0500	2.800	40.00
2-Fluorophenol	1.4150	1.4540	0.0500	-2.800	40.00
2,4,6-Tribromophenol	0.0930	0.1035	0.0500	-11.300	40.00

Data File : D:\DATA\070108\X24755.D
Acq On : 1 Jul 2008 9:05
Sample : SSTD050
Misc : 8270(4-9-08)
MS Integration Params: rteint.p

Vial: 2
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 01 09:29:13 2008 Results File: A8I0399.RES
Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jun 27 07:44:04 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\070108\X24755.D
 Acq On : 1 Jul 2008 9:05
 Sample : SSTD050
 Misc : 8270(4-9-08)
 MS Integration Params: rteint.p
 Quant Time: Jul 01 09:29:13 2008

Vial: 2
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Fri Jun 27 07:44:04 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\063008\X24724.D (30 Jun 2008 9:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.72	152	200869	40.00	ng	0.00 75.31%
20) CI40 Naphthalene-d8	7.26	136	767906	40.00	ng	0.00 80.34%
35) CI50 Acenaphthene-d10	9.34	164	447466	40.00	ng	0.00 82.98%
56) CI60 Phenanthrene-d10	10.97	188	763811	40.00	ng	0.00 79.71%
68) CI70 Chrysene-d12	13.38	240	717306	40.00	ng	0.00 68.78%
78) CI75 Perylene-d12	14.57	264	759186	40.00	ng	0.00 68.32%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.07	112	365088	51.39	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery =	34.26%		
5) CS45 Phenol-d5	5.34	99	453771	48.62	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	32.41%		
16) CS70 2-chlorophenol-d4	5.45	132	382449	49.60	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =	33.07%		
12) CS75 1,2-dichlorobenzene-d	5.91	152	238773	50.78	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =	50.78%		
21) CS20 Nitrobenzene-d5	6.41	82	373909	54.42	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	54.42%		
39) CS25 2-Fluorobiphenyl	8.56	172	749603	53.27	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	53.27%		
59) CS55 2,4,6-Tribromophenol	10.25	330	98817	55.52	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	37.01%		
71) CS30 Terphenyl-d14	12.47	244	900980	50.83	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	50.83%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.27	74	244088	53.12	ng	89
4) C325 bis(2-Chloroethyl)eth	5.42	93	369928	50.08	ng	# 70
7) C315 Phenol	5.36	94	526020	48.45	ng	79
8) C330 2-Chlorophenol	5.47	128	401254	49.78	ng	96
9) C320 aniline	5.33	93	474948	43.23	ng	89
10) C335 1,3-Dichlorobenzene	5.64	146	439794	51.71	ng	99
11) C340 1,4-Dichlorobenzene	5.74	146	444363	51.58	ng	97
13) C350 1,2-Dichlorobenzene	5.92	146	408306	51.17	ng	99
14) C345 Benzyl alcohol	5.93	108	257900	48.26	ng	# 73
15) C360 bis(2-chloroisopropyl	6.08	45	425436	50.46	ng	# 44
16) C355 2-Methylphenol	6.09	108	333570	47.09	ng	96
17) C375 Hexachloroethane	6.33	117	158570	54.88	ng	90
18) C370 N-Nitroso-di-n-propyl	6.24	70	274037	49.69	ng	# 60
19) C365 4-Methylphenol	6.28	108	375697	48.08	ng	98
22) C410 Nitrobenzene	6.44	77	384993	53.76	ng	81
23) C415 Isophorone	6.73	82	718720	51.43	ng	86
24) C430 benzoic acid	7.17	122	667499	142.66	ng	# 60
25) C420 2-Nitrophenol	6.81	139	205865	53.44	ng	# 78
26) C425 2,4-Dimethylphenol	6.91	107	360404	51.96	ng	95
27) C435 bis(2-Chloroethoxy)me	7.01	93	411447	52.06	ng	96
28) C440 2,4-Dichlorophenol	7.12	162	303498	50.03	ng	96

Quantitation Report (QT Reviewed)

Data File : D:\DATA\070108\X24755.D

Acq On : 1 Jul 2008 9:05

Sample : SSTD050

Misc : 8270(4-9-08)

MS Integration Params: rteint.p

Quant Time: Jul 01 09:29:13 2008

Vial: 2

Operator: AJ

Inst : HP5973X

Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Fri Jun 27 07:44:04 2008

Response via : Initial Calibration

DataAcq Meth : 8270BP

TS QA File : D:\DATA\063008\X24724.D (30 Jun 2008 9:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.20	180	325762	51.46	ng		93
30) C450 Naphthalene	7.28	128	1080723	52.00	ng		98
31) C455 4-Chloroaniline	7.38	127	416514	45.91	ng		100
32) C460 Hexachlorobutadiene	7.44	225	185307	54.69	ng		98
33) C465 4-Chloro-3-methylphen	8.00	107	321146	50.29	ng		91
34) C470 2-Methylnaphthalene	8.11	142	712621	50.56	ng		99
36) C510 Hexachlorocyclopentad	8.29	237	208700	58.89	ng		97
37) C515 2,4,6-Trichlorophenol	8.47	196	212375	53.24	ng		97
38) C520 2,4,5-Trichlorophenol	8.51	196	226756	51.70	ng		99
40) C525 2-Chloronaphthalene	8.69	162	656957	53.05	ng		97
41) C530 2-Nitroaniline	10.04	65	192058	50.92	ng	#	77
42) C540 Acenaphthylene	9.17	152	1049628	52.58	ng		99
43) C535 Dimethylphthalate	9.06	163	763845	51.34	ng		99
44) C542 2,6-Dinitrotoluene	9.13	165	177379	50.76	ng		84
45) C550 Acenaphthene	9.37	153	633896	52.03	ng		97
46) C545 3-Nitroaniline	9.33	138	196580	48.56	ng	#	81
47) C555 2,4-Dinitrophenol	9.44	184	95045	48.13	ng	#	46
48) C565 Dibenzofuran	9.58	168	925194	51.49	ng		78
49) C570 2,4-Dinitrotoluene	9.60	165	242866	49.12	ng		96
50) C560 4-Nitrophenol	9.58	109	89965	54.55	ng	#	1
51) C590 Fluorene	9.98	166	734513	51.21	ng		95
52) C585 4-Chlorophenyl-phenyl	9.99	204	372020	52.24	ng		98
53) C580 Diethylphthalate	9.89	149	743329	52.84	ng		98
54) C620 1,2-diphenylhydrazine	10.17	77	716602	53.88	ng		76
55) C595 4-Nitroaniline	10.04	138	202672	47.16	ng		85
57) C610 4,6-Dinitro-2-methylp	10.06	198	129411	51.50	ng		100
58) C615 n-Nitrosodiphenylamin	10.13	169	537344	52.64	ng		96
60) C625 4-Bromophenyl-phenyle	10.52	248	207816	53.85	ng		89
61) C630 Hexachlorobenzene	10.57	284	206502	51.38	ng		78
62) C635 Pentachlorophenol	10.79	266	129127	51.52	ng		97
63) C640 Phenanthrene	10.99	178	1042322	52.09	ng		99
64) C645 Anthracene	11.05	178	1050519	52.03	ng		100
65) C647 carbazole	11.23	167	1026578	50.73	ng		97
66) C650 Di-n-butylphthalate	11.58	149	1269617	58.63	ng		99
67) C655 Fluoranthene	12.13	202	1137693	50.99	ng		90
69) C715 Pyrene	12.32	202	1154814	49.80	ng		95
70) C710 benzidine	12.27	184	344317	29.02	ng		99
72) C720 Butylbenzylphthalate	12.91	149	574096	57.79	ng		88
73) C725 3,3'-Dichlorobenzidin	13.36	252	435127	50.77	ng		98
74) C730 Benzo[a]anthracene	13.37	228	1111773	50.05	ng		99
75) C735 Chrysene	13.40	228	1048984	47.52	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.39	149	840095	62.57	ng		93
77) C760 Di-n-octylphthalate	13.93	149	1477291	54.61	ng		100
79) C765 Benzo[b]fluoranthene	14.25	252	1367117	50.30	ng		99
80) C770 Benzo[k]fluoranthene	14.28	252	1203573	49.50	ng		99
81) C775 Benzo[a]pyrene	14.52	252	1294177	54.25	ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.53	276	1574867	55.76	ng		91
83) C785 Dibenz[a,h]anthracene	15.54	278	1316775	54.92	ng		92
84) C790 Benzo[g,h,i]perylene	15.81	276	1404607	56.61	ng		94

(#)=qualifier out of range (m)=manual integration (+)=signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001623-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: X24756.RR Calibration Date: 07/01/2008 Time: 09:28

Intrument ID: HP5973X Init. Calib. Date(s): 05/22/2008 05/22/2008

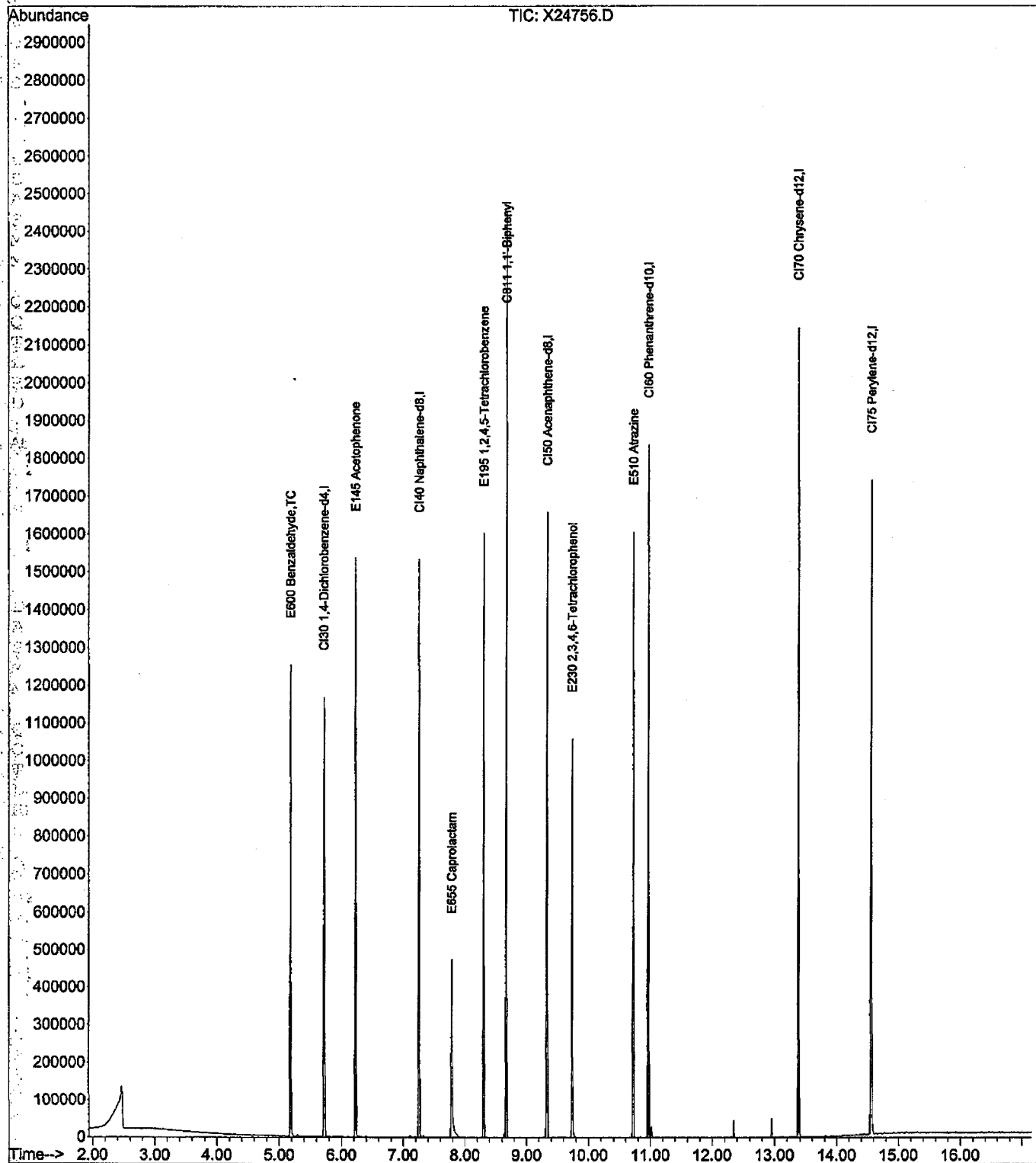
Init. Calib. Times: 17:19 19:13

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.1240	0.1147	0.0500	7.500	40.00
Atrazine	0.2040	0.2477	0.0500	-21.400	40.00
Acetophenone	1.8490	1.7813	0.0500	3.700	40.00
Biphenyl	1.4070	1.6744	0.0500	-19.000	40.00
Benzaldehyde	1.1860	1.2030	0.0500	-1.400	40.00

Data File : D:\DATA\070108\X24756.D
Acq On : 1 Jul 2008 9:28
Sample : SST050
Misc : TCLADDS A (05/27/08)
MS Integration Params: rteint.p

Vial: 3
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 02 14:56:16 2008 Results File: A8I0363.RES
Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Fri May 23 06:04:23 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\070108\X24756.D
 Acq On : 1 Jul 2008 9:28
 Sample : SSTD050
 Misc : TCLADDS A (05/27/08)
 MS Integration Params: rteint.p
 Quant Time: Jul 02 14:56:16 2008

Vial: 3
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0363.RES

Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.72	152	191487	40.00	ng	-0.34 108.06%
4) CI40 Naphthalene-d8	7.26	136	679844	40.00	ng	-0.29 99.51%
De7) CI50 Acenaphthene-d8	9.33	164	357042	40.00	ng	-0.28 87.70%
Ac SI10) CI60 Phenanthrene-d10	10.97	188	587231	40.00	ng	-0.25 79.59%
MI SI2) CI70 Chrysene-d12	13.37	240	602431	40.00	ng	-0.25 78.86%
Qu SI3) CI75 Perylene-d12	14.56	264	552708	40.00	ng	-0.30 71.43%
Qu TI						
Target Compounds						Qvalue
Re2) E600 Benzaldehyde	5.18	77	287956	50.72	ng	93
Da3) E145 Acetophenone	6.23	105	426361	48.16	ng	95
IS5) E655 Caprolactam	7.79	113	97457	46.43	ng	85
6) E195 1,2,4,5-Tetrachlorobe	8.31	216	267848	50.83	ng	99
I8) C811 1,1'-Biphenyl	8.67	154	747273	59.52	ng	96
9) E230 2,3,4,6-Tetrachloroph	9.74	232	129594	66.85	ng	# 100
1-1) E510 Atrazine	10.72	200	181830	60.69	ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001933-1

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: X25497.RR Calibration Date: 08/04/2008 Time: 22:05

Intrument ID: HP5973X Init. Calib. Date(s): 07/21/2008 07/21/2008

Init. Calib. Times: 09:00 10:54

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.4230	2.2114	0.0500	8.700	20.00
Bis(2-chloroethyl) ether	1.6980	1.6948	0.0500	0.200	40.00
2-Chlorophenol	1.6500	1.6448	0.0500	0.300	40.00
2-Methylphenol	1.5190	1.4611	0.0500	3.800	40.00
2,2'-Oxybis(1-Chloropropane)	2.0820	1.9818	0.0500	4.800	40.00
4-Methylphenol	1.5840	1.6075	0.0500	-1.500	40.00
N-Nitroso-Di-n-propylamine	1.2830	1.2544	0.0500	2.200	40.00
Hexachloroethane	0.6290	0.6195	0.0500	1.500	40.00
Nitrobenzene	0.4700	0.4606	0.0500	2.000	40.00
Isophorone	0.8930	0.8418	0.0500	5.700	40.00
2-Nitrophenol	0.2180	0.2228	0.0500	-2.200	20.00
2,4-Dimethylphenol	0.4080	0.4161	0.0500	-2.000	40.00
Bis(2-chloroethoxy) methane	0.4920	0.4804	0.0500	2.400	40.00
2,4-Dichlorophenol	0.3160	0.3235	0.0500	-2.400	20.00
Naphthalene	1.1090	1.1157	0.0500	-0.600	40.00
4-Chloroaniline	0.4750	0.4827	0.0500	-1.600	40.00
Hexachlorobutadiene	0.1650	0.1651	0.0500	-0.100	20.00
4-Chloro-3-methylphenol	0.3680	0.3660	0.0500	0.500	20.00
2-Methylnaphthalene	0.7150	0.6995	0.0500	2.200	40.00
Hexachlorocyclopentadiene	0.3620	0.3219	0.0500	11.100	40.00
2,4,6-Trichlorophenol	0.4100	0.4063	0.0500	0.900	20.00
2,4,5-Trichlorophenol	0.4100	0.4063	0.0500	0.900	40.00
2-Chloronaphthalene	1.2200	1.2484	0.0500	-2.300	40.00
2-Nitroaniline	0.4720	0.4263	0.0500	9.700	40.00
Dimethyl phthalate	1.4710	1.4482	0.0500	1.500	40.00
Acenaphthylene	1.9870	2.0418	0.0500	-2.800	40.00
2,6-Dinitrotoluene	0.3510	0.3552	0.0500	-1.200	40.00
3-Nitroaniline	0.3830	0.3841	0.0500	-0.300	40.00
Acenaphthene	1.1880	1.1963	0.0500	-0.700	20.00
2,4-Dinitrophenol	0.2160	0.1694	0.0500	21.600	40.00
4-Nitrophenol	0.1970	0.2020	0.0500	-2.500	40.00
Dibenzofuran	1.7300	1.7628	0.0500	-1.900	40.00
2,4-Dinitrotoluene	0.4800	0.4769	0.0500	0.600	40.00
Diethyl phthalate	1.3710	1.3382	0.0500	2.400	40.00
4-Chlorophenyl phenyl ether	0.6520	0.6545	0.0500	-0.400	40.00
Fluorene	1.3930	1.3833	0.0500	0.700	40.00
4-Nitroaniline	0.4000	0.3971	0.0500	0.700	40.00
4,6-Dinitro-2-methylphenol	0.1420	0.1308	0.0500	7.900	40.00
N-nitrosodiphenylamine	0.5530	0.5674	0.0500	-2.600	20.00

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001933-1

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: X25497.RR Calibration Date: 08/04/2008 Time: 22:05

Intrument ID: HP5973X Init. Calib. Date(s): 07/21/2008 07/21/2008

Init. Calib. Times: 09:00 10:54

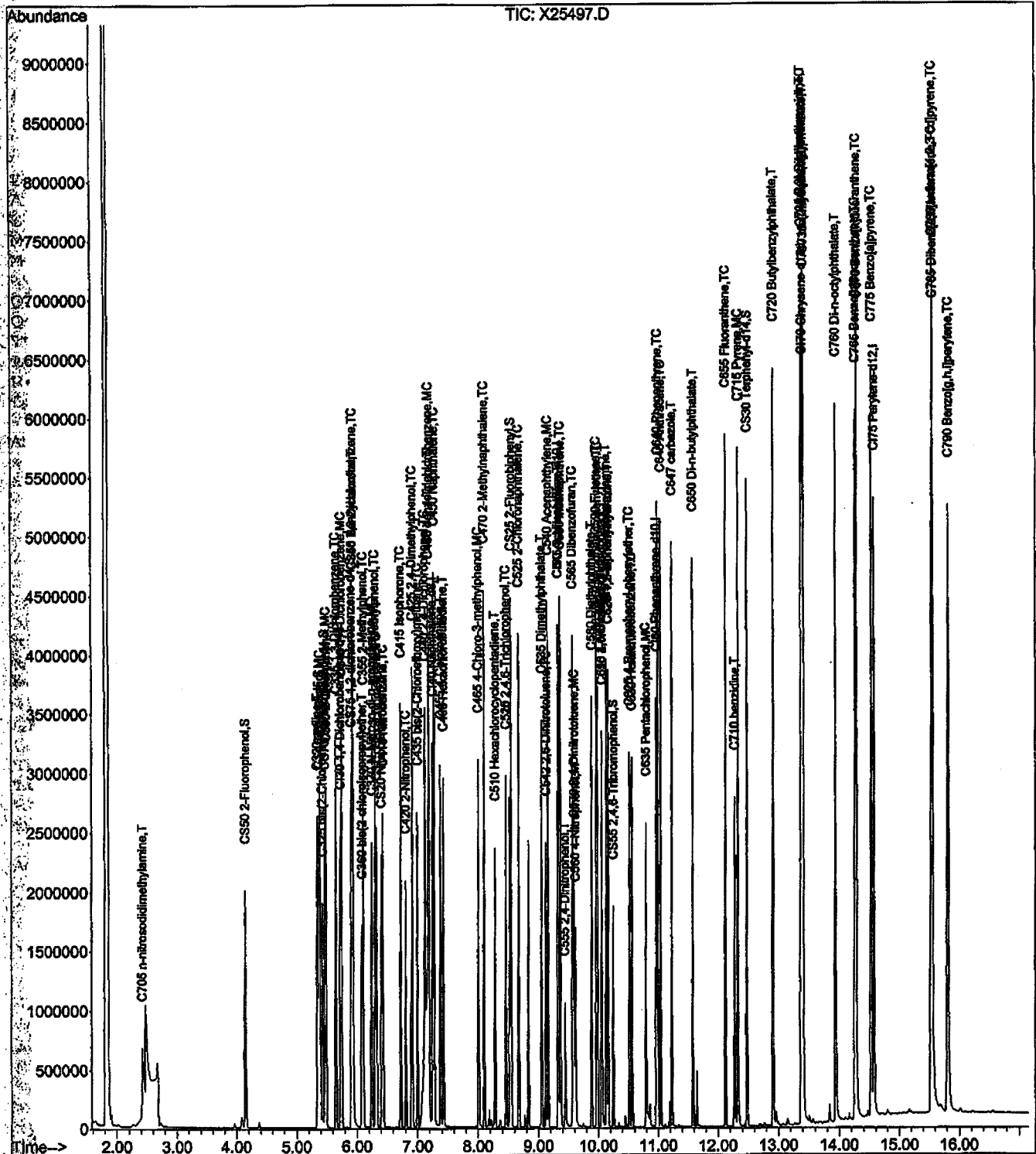
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Bromophenyl phenyl ether	0.1970	0.2055	0.0500	-4.300	40.00
Hexachlorobenzene	0.2020	0.2085	0.0500	-3.200	40.00
Pentachlorophenol	0.1320	0.1454	0.0500	-10.200	20.00
Phenanthrene	1.0490	1.0293	0.0500	1.900	40.00
Anthracene	1.0730	1.0795	0.0500	-0.600	40.00
Di-n-butyl phthalate	1.2200	1.2310	0.0500	-0.900	40.00
Fluoranthene	1.1800	1.1992	0.0500	-1.600	20.00
Pyrene	1.3270	1.2478	0.0500	6.000	40.00
Butyl benzyl phthalate	0.5930	0.5705	0.0500	3.800	40.00
3,3'-Dichlorobenzidine	0.4490	0.5044	0.0500	-12.300	40.00
Benzo (a) anthracene	1.2010	1.1713	0.0500	2.500	40.00
Chrysene	1.1980	1.1306	0.0500	5.600	40.00
Bis(2-ethylhexyl) phthalate	0.8110	0.7767	0.0500	4.200	40.00
Di-n-octyl phthalate	1.3830	1.6289	0.0500	-17.800	20.00
Benzo (b) fluoranthene	1.2560	1.3190	0.0500	-5.000	40.00
Benzo (k) fluoranthene	1.1950	1.1674	0.0500	2.300	40.00
Benzo (a) pyrene	1.1420	1.2246	0.0500	-7.200	20.00
Indeno (1,2,3-cd) pyrene	1.4110	1.6856	0.0500	-19.500	40.00
Dibenzo (a,h) anthracene	1.1740	1.3872	0.0500	-18.200	40.00
Benzo (ghi) perylene	1.2540	1.5793	0.0500	-25.900	40.00
Carbazole	1.0910	1.1022	0.0500	-1.000	100.00
=====					
Nitrobenzene-D5	0.4590	0.4538	0.0500	1.100	40.00
2-Fluorobiphenyl	1.4010	1.4268	0.0500	-1.800	40.00
p-Terphenyl-d14	0.9420	0.8896	0.0500	5.600	40.00
Phenol-D5	2.2310	2.2088	0.0500	1.000	40.00
2-Fluorophenol	1.6340	1.6482	0.0500	-0.900	40.00
2,4,6-Tribromophenol	0.0970	0.1065	0.0500	-9.800	40.00

Quantitation Report (QT Reviewed)

Data File : D:\DATA\080408\X25497.D
Acq On : 4 Aug 2008 22:05
Sample : SST050
Misc : 8270 (6-24-08)
MS Integration Params: rteint.p

Vial: 34
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 05 09:49:50 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:49:23 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (QT Reviewed)

Data File : D:\DATA\080408\X25497.D
 Acq On : 4 Aug 2008 22:05
 Sample : SSTD050
 Misc : 8270 (6-24-08)
 MS Integration Params: rteint.p
 Quant Time: Aug 05 09:49:50 2008

Vial: 34
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:49:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25467.D (4 Aug 2008 9:58)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	391470	40.00	ng	0.00	193.64%
20) CI40 Naphthalene-d8	7.25	136	1477610	40.00	ng	0.00	185.47%
35) CI50 Acenaphthene-d10	9.32	164	769749	40.00	ng	0.00	167.82%
56) CI60 Phenanthrene-d10	10.97	188	1418261	40.00	ng	0.00	160.23%
68) CI70 Chrysene-d12	13.39	240	1409160	40.00	ng	0.00	151.11%
78) CI75 Perylene-d12	14.57	264	1794921	40.00	ng	0.00	168.68%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	4.15	112	806512	50.43	ng	0.00	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	33.62%	
5) CS45 Phenol-d5	5.37	99	1080850	49.51	ng	0.01	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	33.01%	
16) CS70 2-chlorophenol-d4	5.47	132	739291	50.05	ng	0.00	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	33.37%	
12) CS75 1,2-dichlorobenzene-d	5.91	152	456178	50.92	ng	0.00	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	50.92%	
21) CS20 Nitrobenzene-d5	6.41	82	838206	49.39	ng	0.00	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	49.39%	
39) CS25 2-Fluorobiphenyl	8.55	172	1372801	50.92	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	50.92%	
59) CS55 2,4,6-Tribromophenol	10.25	330	188812	54.94	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	36.63%	
71) CS30 Terphenyl-d14	12.48	244	1566950	47.21	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	47.21%	
Target Compounds						Qvalue	
2) C705 n-nitrosodidimethylam	2.42	74	567354	51.53	ng		84
4) C325 bis(2-Chloroethyl)eth	5.43	93	829336	49.92	ng	#	67
7) C315 Phenol	5.39	94	1082124	45.63	ng		79
8) C330 2-Chlorophenol	5.49	128	804841	49.83	ng		97
9) C320 aniline	5.35	93	1248844	46.98	ng		86
10) C335 1,3-Dichlorobenzene	5.65	146	833888	50.19	ng		99
11) C340 1,4-Dichlorobenzene	5.75	146	839955	50.26	ng		99
13) C350 1,2-Dichlorobenzene	5.92	146	764695	50.38	ng		98
14) C345 Benzyl alcohol	5.94	108	544073	50.47	ng	#	82
15) C360 bis(2-chloroisopropyl	6.09	45	969786	47.60	ng		86
16) C355 2-Methylphenol	6.11	108	714994	48.08	ng		99
17) C375 Hexachloroethane	6.33	117	303129	49.22	ng		92
18) C370 N-Nitroso-di-n-propyl	6.25	70	613849	48.88	ng	#	57
19) C365 4-Methylphenol	6.30	108	786627	50.73	ng		98
22) C410 Nitrobenzene	6.43	77	850792	49.06	ng		86
23) C415 Isophorone	6.73	82	1554902	47.12	ng		90
24) C430 benzoic acid	7.19	122	1441674	146.62	ng	#	66
25) C420 2-Nitrophenol	6.81	139	411538	51.15	ng		88
26) C425 2,4-Dimethylphenol	6.92	107	768580	51.02	ng		96
27) C435 bis(2-Chloroethoxy)me	7.00	93	887350	48.81	ng		96
28) C440 2,4-Dichlorophenol	7.12	162	597496	51.13	ng		97

Quantitation Report (QT Reviewed)

Data File : D:\DATA\080408\X25497.D
 Acq On : 4 Aug 2008 22:05
 Sample : SSTD050
 Misc : 8270 (6-24-08)

Vial: 34
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 09:49:50 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:49:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25467.D (4 Aug 2008 9:58)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.19	180	571706	49.73	ng		93
30) C450 Naphthalene	7.28	128	2060768	50.30	ng		99
31) C455 4-Chloroaniline	7.38	127	891566	50.85	ng		99
32) C460 Hexachlorobutadiene	7.43	225	304937	50.18	ng		96
33) C465 4-Chloro-3-methylphen	8.00	107	676090	49.78	ng		98
34) C470 2-Methylnaphthalene	8.10	142	1291978	48.91	ng		99
36) C510 Hexachlorocyclopentad	8.28	237	309696	44.40	ng		94
37) C515 2,4,6-Trichlorophenol	8.46	196	390981	49.54	ng		97
38) C520 2,4,5-Trichlorophenol	8.46	196	390981	49.54	ng		99
40) C525 2-Chloronaphthalene	8.67	162	1201224	51.17	ng		96
41) C530 2-Nitroaniline	10.06	65	410149	45.15	ng		89
42) C540 Acenaphthylene	9.16	152	1964607	51.39	ng		98
43) C535 Dimethylphthalate	9.06	163	1393390	49.24	ng		100
44) C542 2,6-Dinitrotoluene	9.13	165	341769	50.58	ng		88
45) C550 Acenaphthene	9.37	153	1151063	50.34	ng		98
46) C545 3-Nitroaniline	9.33	138	369610	50.09	ng		91
47) C555 2,4-Dinitrophenol	9.45	184	163022	38.69	ng	#	48
48) C565 Dibenzofuran	9.57	168	1696177	50.96	ng		96
49) C570 2,4-Dinitrotoluene	9.60	165	458843	49.68	ng		96
50) C560 4-Nitrophenol	9.62	109	194404	51.19	ng	#	63
51) C590 Fluorene	9.97	166	1331030	49.67	ng		97
52) C585 4-Chlorophenyl-phenyl	9.99	204	629726	50.23	ng		95
53) C580 Diethylphthalate	9.89	149	1287606	48.80	ng		98
54) C620 1,2-diphenylhydrazine	10.16	77	1376680	46.97	ng		81
55) C595 4-Nitroaniline	10.06	138	382084	49.66	ng		97
57) C610 4,6-Dinitro-2-methylp	10.06	198	231880	46.17	ng		100
58) C615 n-Nitrosodiphenylamin	10.13	169	1005906	51.31	ng		98
60) C625 4-Bromophenyl-phenyle	10.52	248	364392	52.24	ng		94
61) C630 Hexachlorobenzene	10.56	284	369639	51.67	ng		80
62) C635 Pentachlorophenol	10.79	266	257730	55.21	ng		97
63) C640 Phenanthrene	10.99	178	1824721	49.05	ng		99
64) C645 Anthracene	11.04	178	1913725	50.32	ng		99
65) C647 carbazole	11.23	167	1953952	50.51	ng		97
66) C650 Di-n-butylphthalate	11.57	149	2182276	50.46	ng		99
67) C655 Fluoranthene	12.12	202	2126017	50.80	ng		90
69) C715 Pyrene	12.33	202	2197994	47.01	ng		88
70) C710 benzidine	12.27	184	1036518	42.74	ng		100
72) C720 Butylbenzylphthalate	12.91	149	1004941	48.07	ng		96
73) C725 3,3'-Dichlorobenzidin	13.36	252	888491	56.22	ng		99
74) C730 Benzo[a]anthracene	13.37	228	2063242	48.77	ng		99
75) C735 Chrysene	13.41	228	1991551	47.17	ng		99
76) C740 bis(2-Ethylhexyl)phth	13.40	149	1368145	47.86	ng		94
77) C760 Di-n-octylphthalate	13.94	149	2869307	53.77	ng		99
79) C765 Benzo[b]fluoranthene	14.26	252	2959474	52.52	ng		99
80) C770 Benzo[k]fluoranthene	14.28	252	2619222	42.07	ng		98
81) C775 Benzo[a]pyrene	14.53	252	2747479	53.62	ng		98
82) C780 Indeno[1,2,3-cd]pyren	15.54	276	3781892	59.74	ng		97
83) C785 Dibenz[a,h]anthracene	15.56	278	3112374	59.10	ng		95
84) C790 Benzo[g,h,i]perylene	15.82	276	3543365	62.95	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 SEMIVOLATILE 3RD ED: 6PT
 CONTINUING CALIBRATION CHECK

Lab Name: TestAmerica Laborato Contract: _____ Lab Samp ID: A8C0001933-2

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No: 7595

Lab File Id: X25498.RR Calibration Date: 08/04/2008 Time: 22:28

Intrument ID: HP5973X Init. Calib. Date(s): 07/16/2008 07/16/2008

Init. Calib. Times: 12:36 14:50

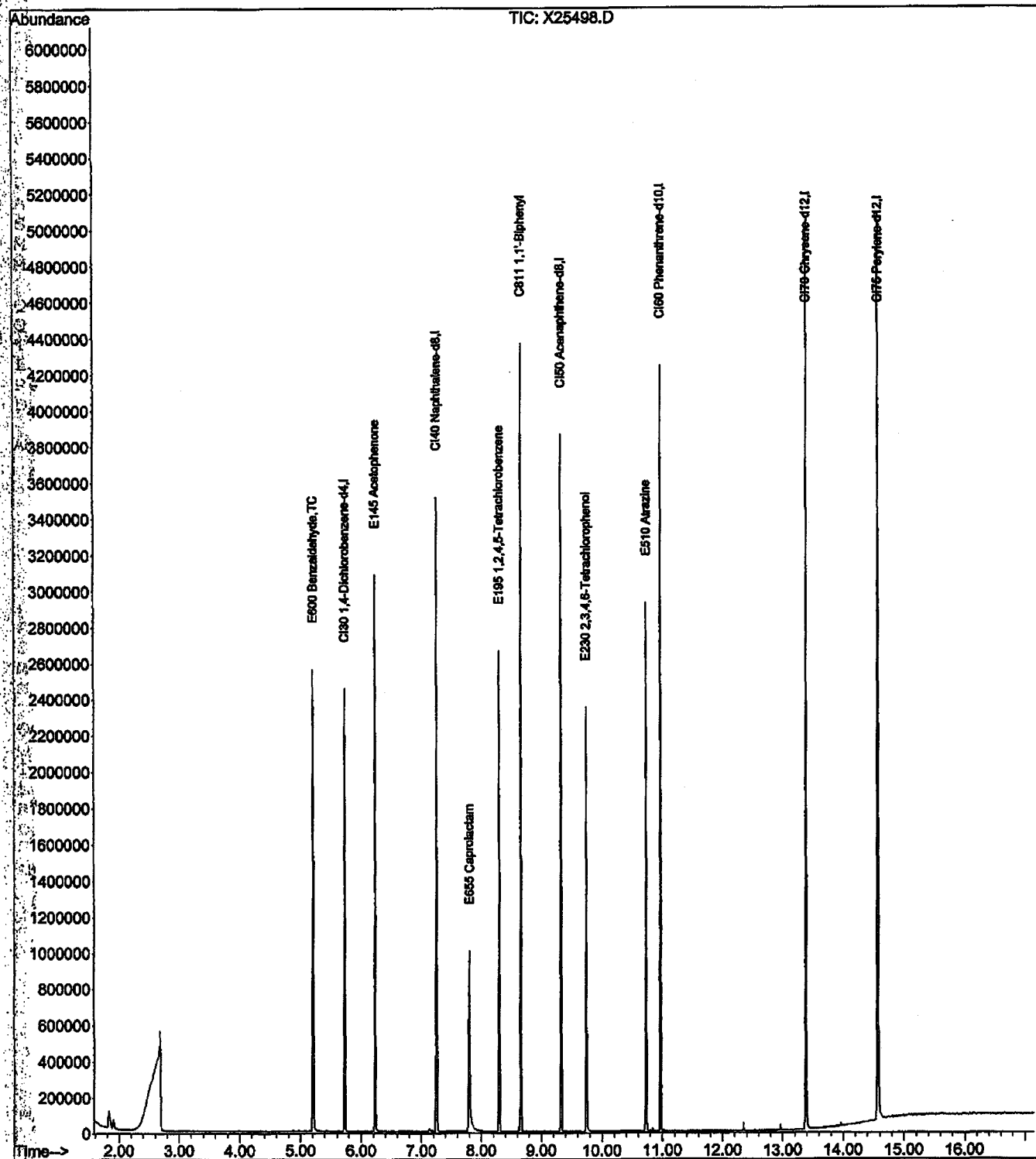
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Caprolactam	0.0980	0.1209	0.0500	-23.400	40.00
Atrazine	0.2290	0.1768	0.0500	22.800	40.00
Acetophenone	1.9820	1.8325	0.0500	7.500	40.00
Biphenyl	1.7760	1.3287	0.0500	25.200	40.00
Benzaldehyde	1.5600	1.2544	0.0500	19.600	40.00

Quantitation Report (Not Reviewed)

Data File : D:\DATA\080408\X25498.D
Acq On : 4 Aug 2008 22:28
Sample : SSTD050
Misc : TCLADDS (8-1-08)
MS Integration Params: rteint.p

Vial: 35
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 05 17:50:05 2008 Results File: A8I0536.RES
Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
Title : OLM4.0 ADDS
Last Update : Thu Jul 17 09:17:47 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Quantitation Report (Not Reviewed)

Data File : D:\DATA\080408\X25498.D
 Acq On : 4 Aug 2008 22:28
 Sample : SST050
 Misc : TCLADDS (8-1-08)
 MS Integration Params: rteint.p
 Quant Time: Aug 05 17:50:05 2008

Vial: 35
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Thu Jul 17 09:17:47 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	406909	40.00	ng	-0.14 163.85%
4) CI40 Naphthalene-d8	7.25	136	1537661	40.00	ng	-0.12 172.66%
7) CI50 Acenaphthene-d8	9.32	164	824028	40.00	ng	-0.12 193.83%
10) CI60 Phenanthrene-d10	10.96	188	1463999	40.00	ng	-0.11 236.08%
12) CI70 Chrysene-d12	13.38	240	1519206	40.00	ng	-0.11 238.94%
13) CI75 Perylene-d12	14.57	264	1802982	40.00	ng	-0.13 234.79%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.20	77	638026	40.20	ng	96
3) E145 Acetophenone	6.23	105	932075	46.23	ng	96
5) E655 Caprolactam	7.80	113	232378	56.50	ng	86
6) E195 1,2,4,5-Tetrachlorobe	8.30	216	486257	38.13	ng	97
8) C811 1,1'-Biphenyl	8.66	154	1368636	37.41	ng	96
9) E230 2,3,4,6-Tetrachloroph	9.74	232	258213	40.55	ng	# 100
11) E510 Atrazine	10.73	200	323549	38.60	ng	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

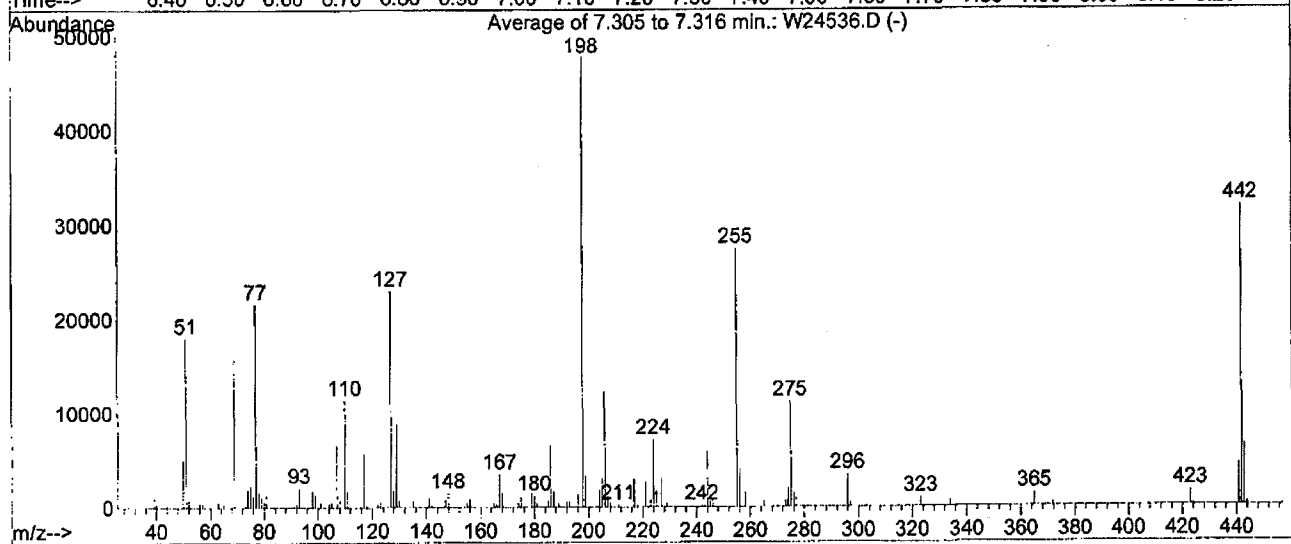
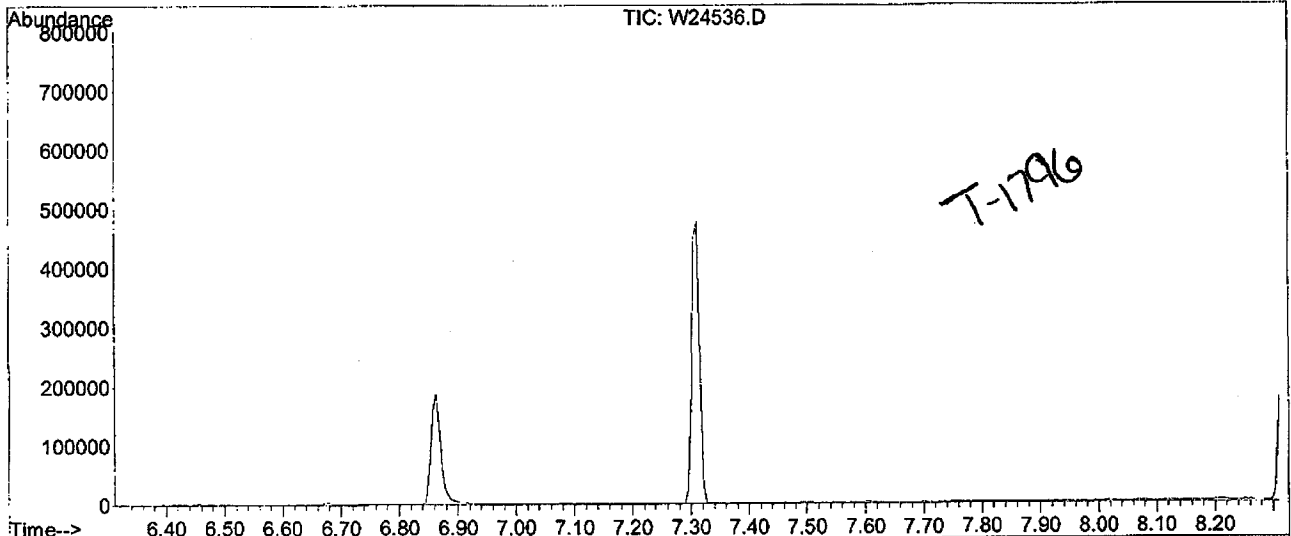
Raw QC Data

DFTPP Tune Evaluation

Data File : C:\MSDCHEM\1\DATA\062308\W24536.D
 Acq On : 23 Jun 2008 9:03 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: rteint.p

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis



Peak Apex is scan: 792 (7.31 min)

Average of 3 scans: 791,792,793 minus background scan 772 (7.20 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
51	198	30	60	37.7	18017	PASS
68	69	0	2	1.1	175	PASS
69	198	0	100	33.0	15774	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	48.1	22981	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	47768	PASS
199	198	5	9	7.1	3400	PASS
275	198	10	30	23.4	11197	PASS
365	198	1	100	3.0	1418	PASS
441	198	0	100	9.4	4471	PASS
442	198	40	110	66.6	31829	PASS
443	442	17	23	20.2	6442	PASS

Average of 7.305 to 7.316 min.: W24536.D
DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	1341	74.00	1942	99.00	1419	127.00	22981
40.05	419	75.00	2791	100.90	645	128.00	1778
50.00	4978	76.05	1242	104.00	451	129.00	8901
51.10	18017	77.05	21624	105.00	524	129.95	737
52.00	829	78.05	1643	107.00	6631	135.00	661
56.00	490	79.00	1175	108.00	822	140.90	978
57.00	1183	80.00	717	110.00	11433	147.00	877
63.00	559	81.00	1324	111.00	1718	148.00	1518
65.00	396	92.05	362	117.00	5747	155.00	490
69.00	15774	92.95	2104	121.95	448	156.00	833
73.10	351	98.00	1843	122.95	522	160.95	447

Average of 7.305 to 7.316 min.: W24536.D
DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
164.95	400	187.00	1686	208.00	388	255.00	27450
166.00	372	188.95	390	216.95	2993	256.00	4061
167.00	3494	192.00	542	221.00	2738	257.95	1595
168.00	1526	193.00	580	223.00	838	265.00	550
174.00	471	196.00	1355	224.00	7178	272.95	666
175.00	1059	197.95	47768	225.00	1795	273.95	1987
178.95	1448	198.90	3400	227.00	3041	275.00	11197
180.00	1239	204.00	1823	228.90	430	276.00	1504
181.00	398	205.00	2993	244.00	5882	277.00	1048
185.00	660	206.00	12217	245.05	524	296.00	3452
186.00	6590	207.00	1628	245.95	1074	297.00	418

Average of 7.305 to 7.316 min.: W24536.D
DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
323.00	979						
334.00	700						
364.95	1418						
371.95	445						
422.95	1600						
440.95	4471						
442.00	31829						
443.00	6442						
444.00	488						

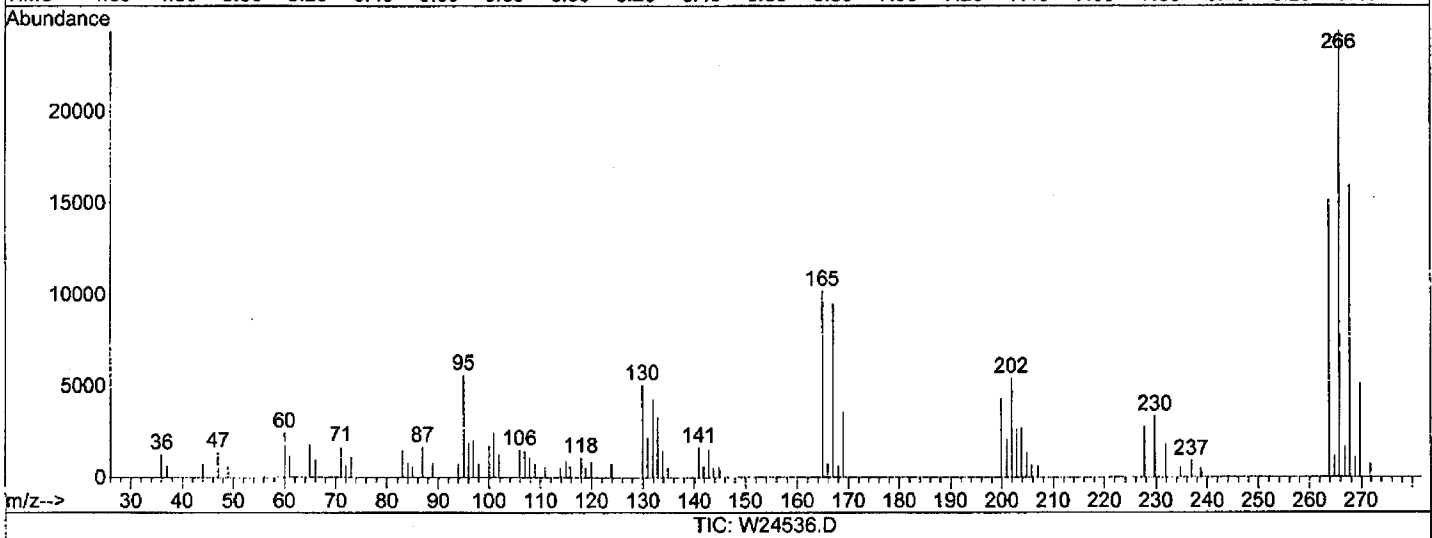
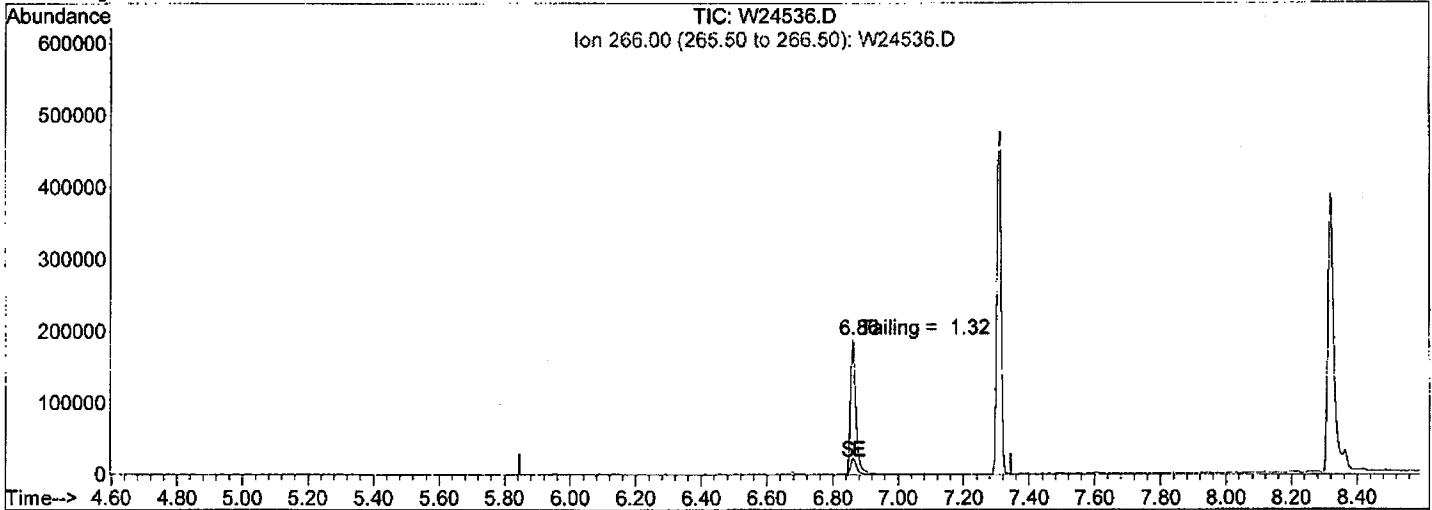
EasyID Report

Data File : C:\MSDCHEM\1\DATA\062308\W24536.D
 Acq On : 23 Jun 2008 9:03 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:38:54 2008

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0395.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Sat Jun 21 11:34:37 2008
 Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.59min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	1013.30	587.24
0.00	0.00	0.00
0.00	0.00	0.00

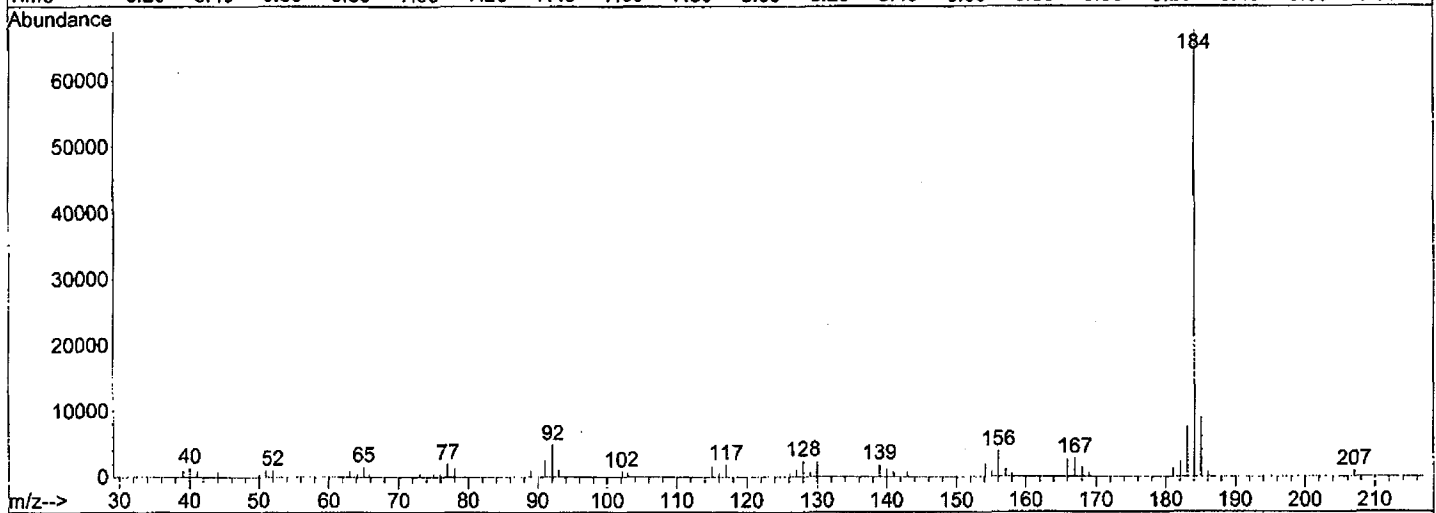
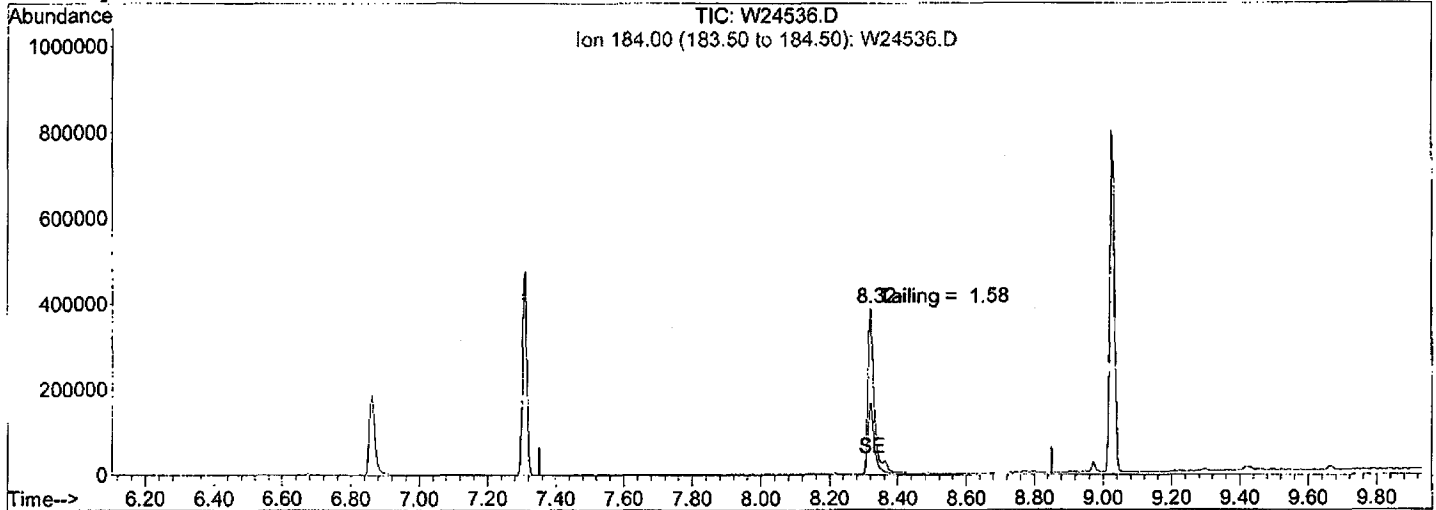
EasyID Report

Data File : C:\MSDCHEM\1\DATA\062308\W24536.D
 Acq On : 23 Jun 2008 9:03 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:38:54 2008

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0395.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Sat Jun 21 11:34:37 2008
 Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.10min

response 0

Signal	Exp%	Act%
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TIC	100	100
-----	-----	-----

184.00	6000.00	4780.18
--------	---------	---------

0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
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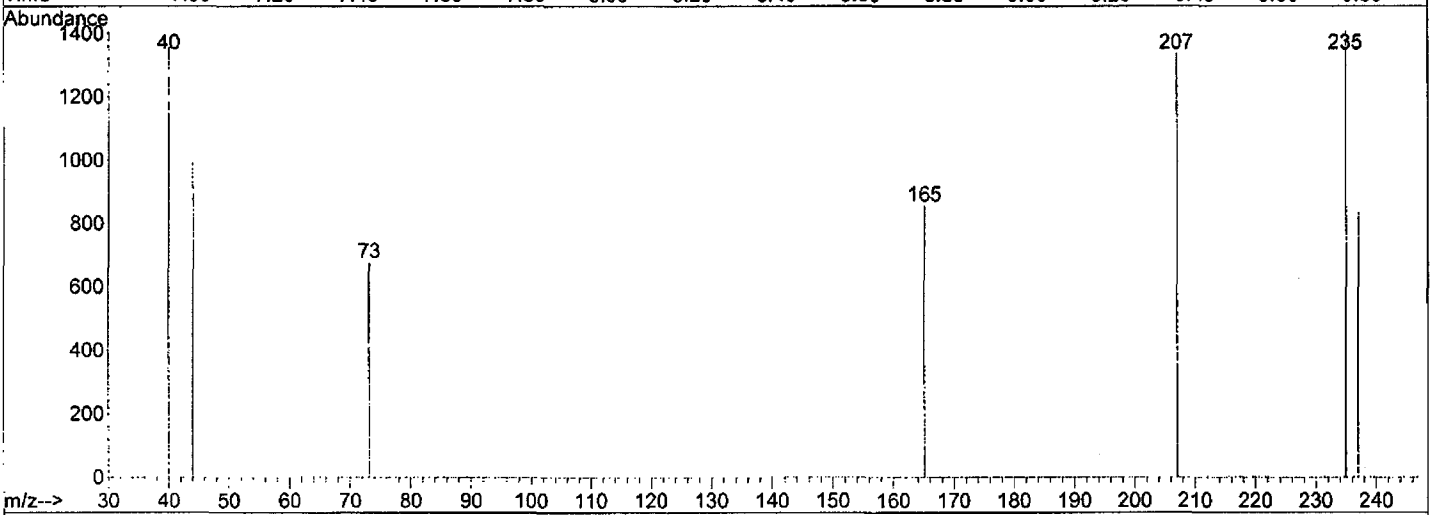
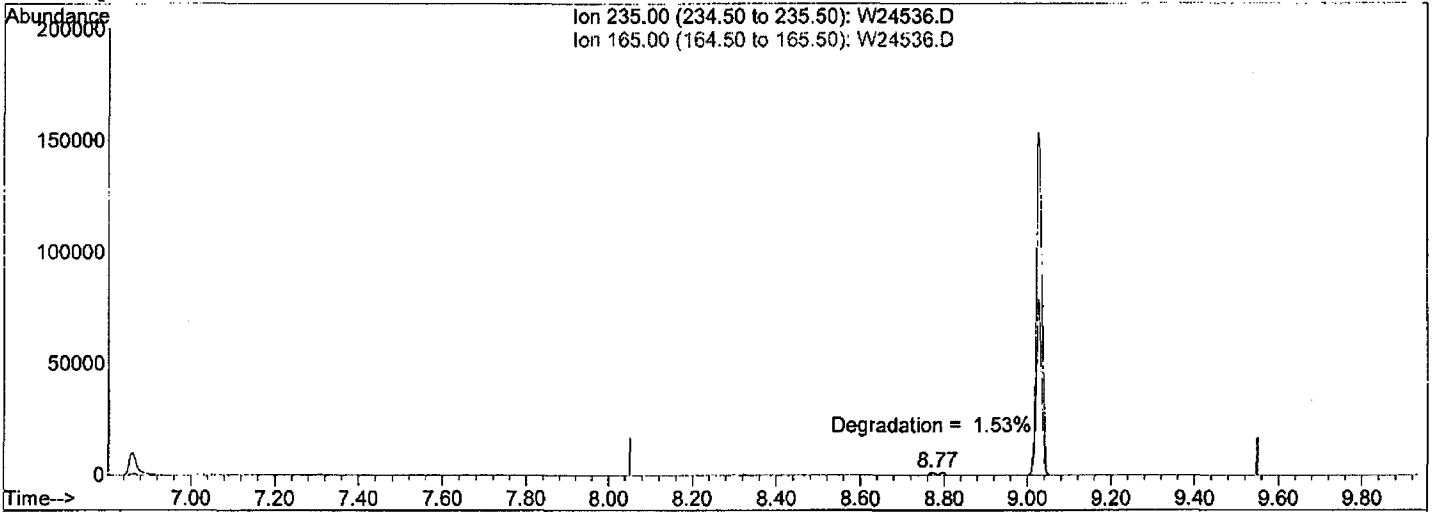
EasyID Report

Data File : C:\MSDCHEM\1\DATA\062308\W24536.D
 Acq On : 23 Jun 2008 9:03 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: rteint.p
 Quant Time: Jun 23 13:38:54 2008

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0395.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Sat Jun 21 11:34:37 2008
 Response via : Initial Calibration



TIC: W24536.D

(3) 4-DDT

Exp R.T. 8.80min

response 0

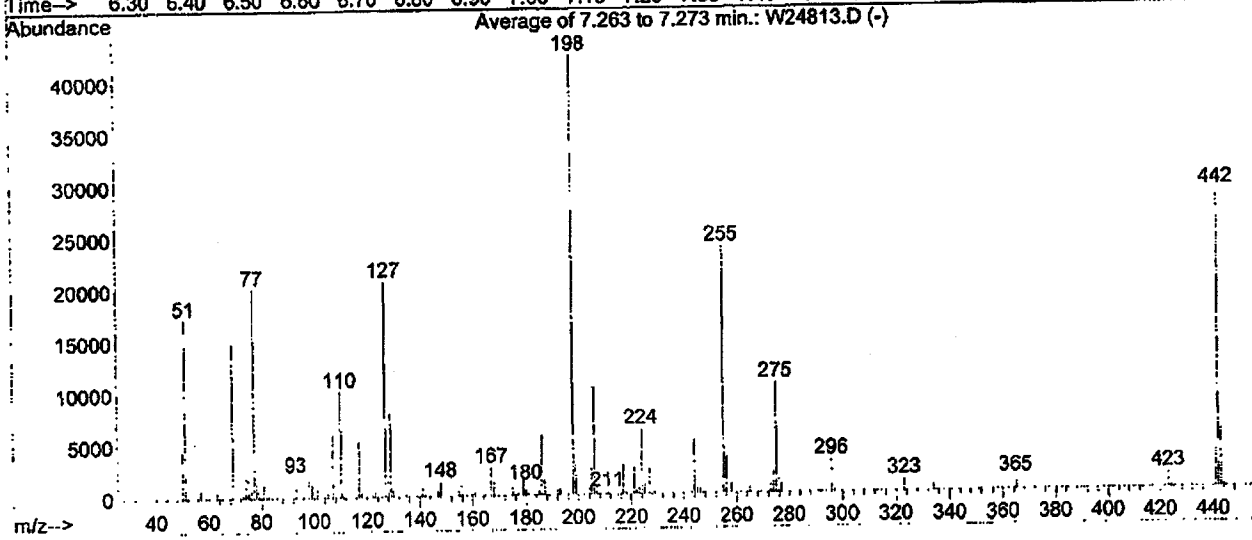
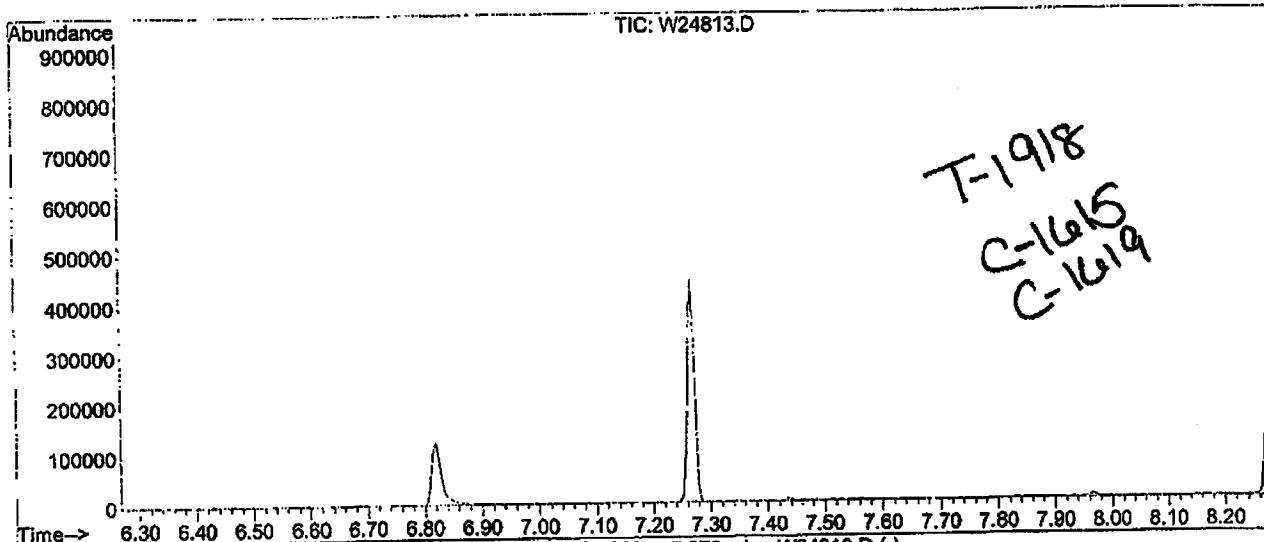
Ion	Exp%	Act%
235.00	100	100
165.00	0.00	60.75
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : C:\MSDCHEM\1\DATA\070208\W24813.D
 Acq On : 2 Jul 2008 8:48 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: rteint.p

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis



Peak Apex is scan: 784 (7.27 min)
 Average of 3 scans: 783, 784, 785 minus background scan 764 (7.16 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result
51	198	30	60	40.6	17217	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	35.1	14904	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	48.8	20711	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	42416	PASS
199	198	5	9	6.8	2886	PASS
275	198	10	30	24.9	10578	PASS
365	198	1	100	2.8	1192	PASS
441	198	0	100	9.1	3841	PASS
442	198	40	110	67.6	28685	PASS
443	442	17	23	19.5	5589	PASS

Average of 7.263 to 7.273 min.: W24813.D
DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	1164	76.00	854	105.00	453	129.95	547
44.00	345	77.10	20138	107.00	6000	135.00	585
50.00	4489	78.05	1390	107.95	801	141.00	938
51.10	17217	79.00	929	110.00	10185	147.00	497
52.05	760	80.00	704	111.00	1565	147.90	1395
56.00	419	80.95	1236	117.00	5428	155.00	535
57.00	881	93.00	2117	118.00	442	156.00	1015
63.00	588	98.00	1652	122.95	478	161.00	385
69.00	14904	99.00	1333	127.00	20711	164.80	212
74.00	1943	101.00	830	128.00	1522	167.00	2721
75.00	2543	103.95	436	129.00	8061	168.00	1347

Average of 7.263 to 7.273 min.: W24813.D
DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
175.00	883	204.00	1588	225.00	1523	274.00	2044
178.95	1545	205.00	2600	227.00	2490	275.00	10578
180.00	1085	206.00	10424	229.00	500	276.00	1354
185.00	819	207.00	1333	244.00	5133	277.00	901
186.00	5757	208.00	361	245.00	502	295.95	3118
187.00	1520	211.00	272	246.00	1023	323.00	1128
192.00	478	216.95	2870	255.00	23831	333.95	658
193.00	552	221.00	2555	256.00	3529	364.90	1192
195.95	1235	222.00	359	257.95	1516	372.05	371
197.90	42416	222.95	677	265.00	496	423.00	1456
198.90	2886	224.00	6248	272.95	829	441.00	3841

Average of 7.263 to 7.273 min.: W24813.D
DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
442.00	28685						
443.00	5589						
444.00	254						

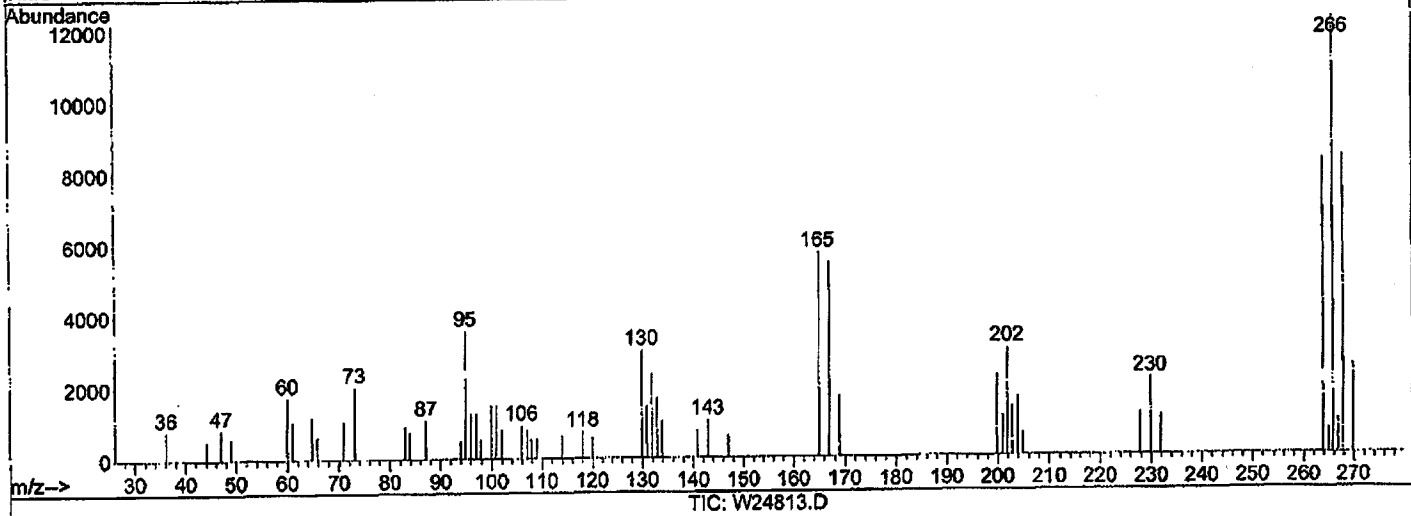
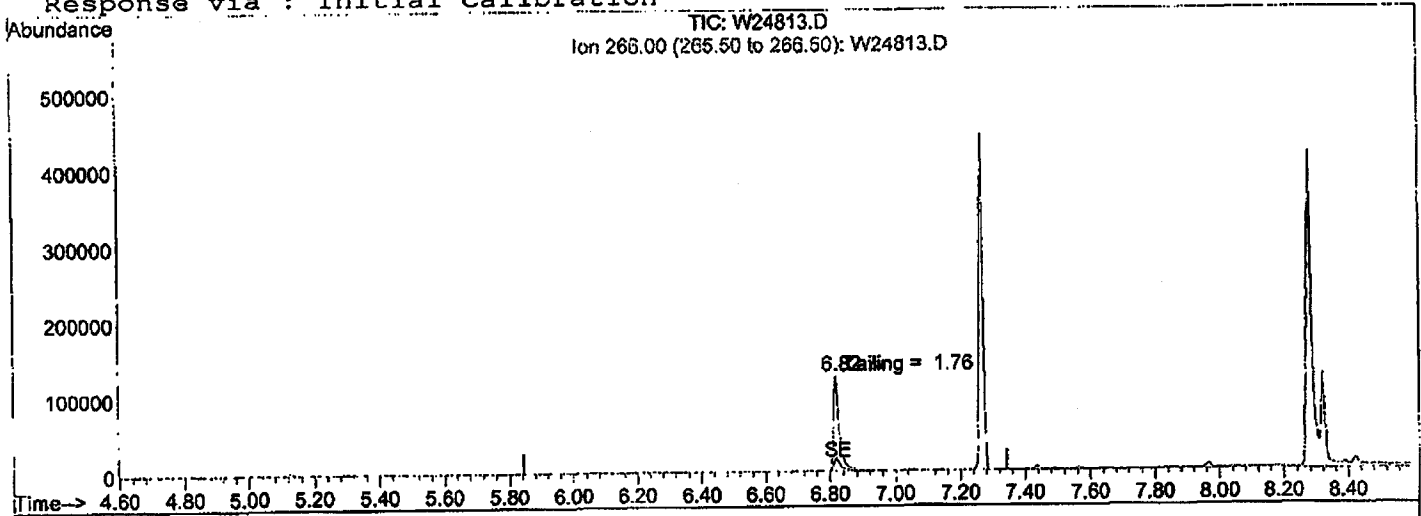
EasyID Report

Data File : C:\MSDCHEM\1\DATA\070208\W24813.D
 Acq On : 2 Jul 2008 8:48 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Jul 01 13:50:53 2008
 Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.59min

response 0

Signal Exp% Act%

TIC 100 100

266.00 1013.30 1946.50

0.00 0.00 0.00

0.00 0.00 0.00

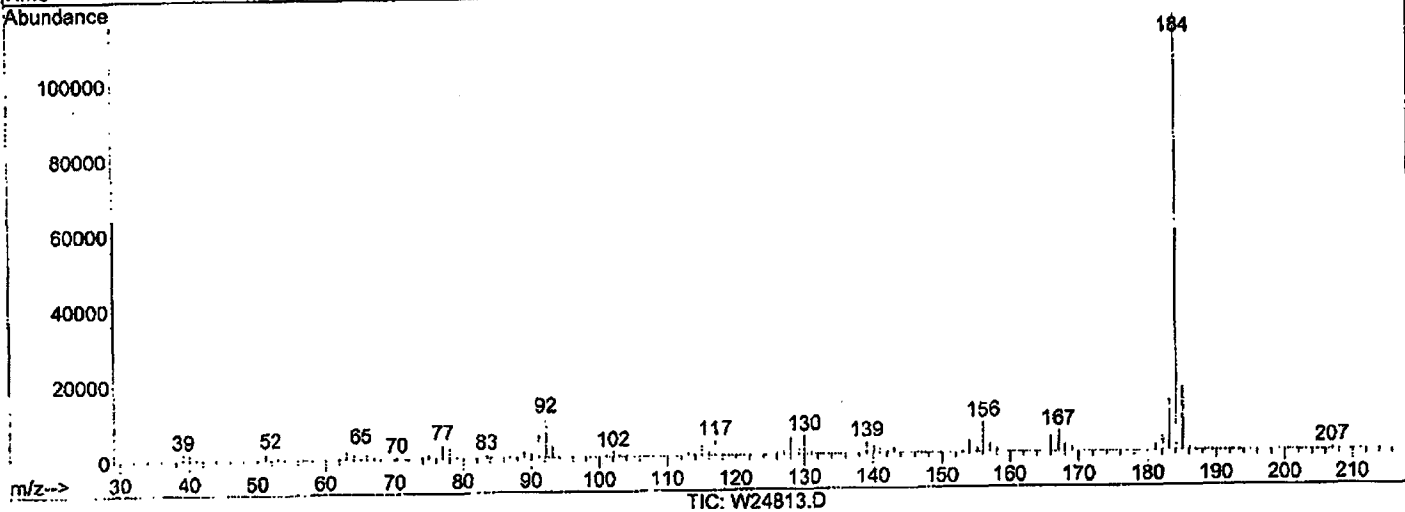
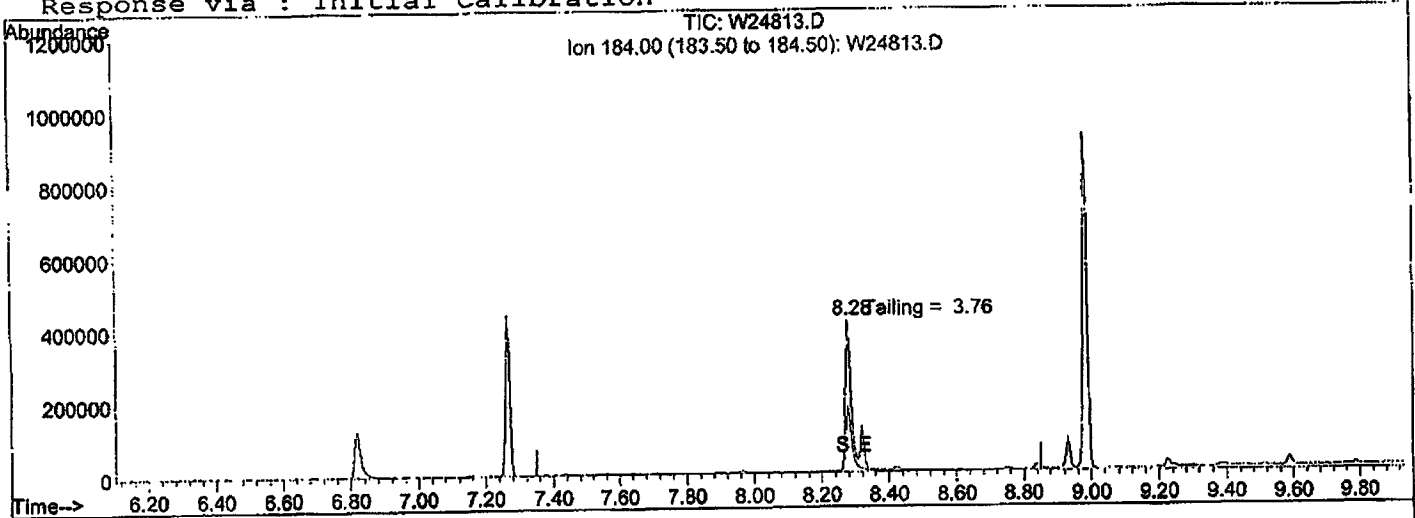
EasyID Report

Data File : C:\MSDCHEM\1\DATA\070208\W24813.D
 Acq On : 2 Jul 2008 8:48 am
 Sample : DF050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Jul 01 13:50:53 2008
 Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.10min

response 0

Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	5473.09
0.00	0.00	0.00
0.00	0.00	0.00

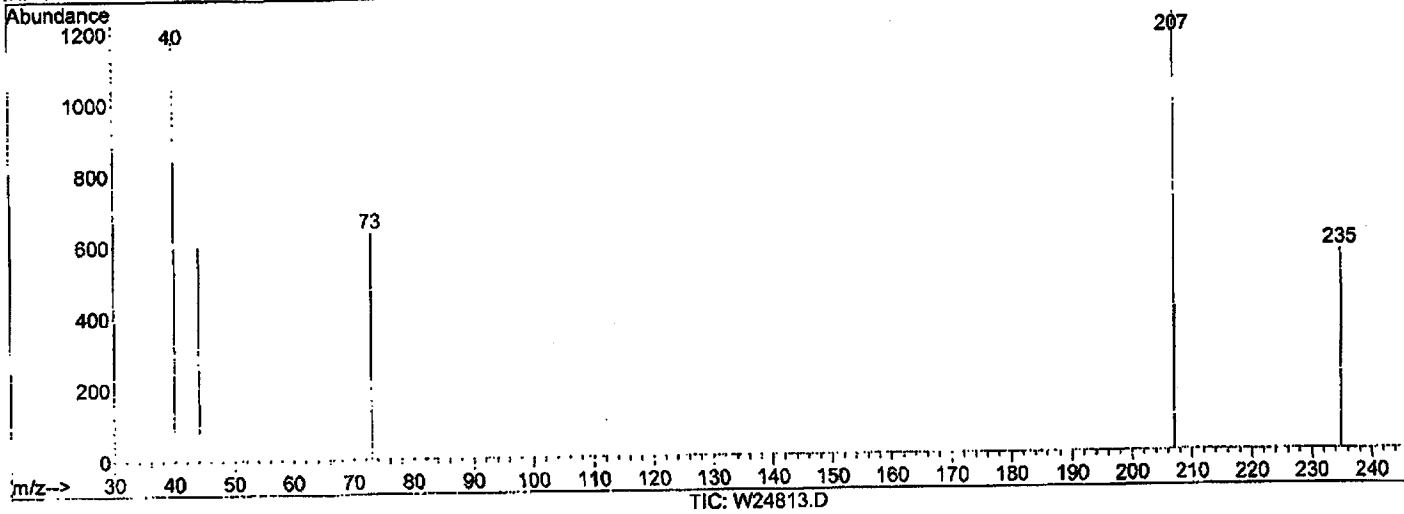
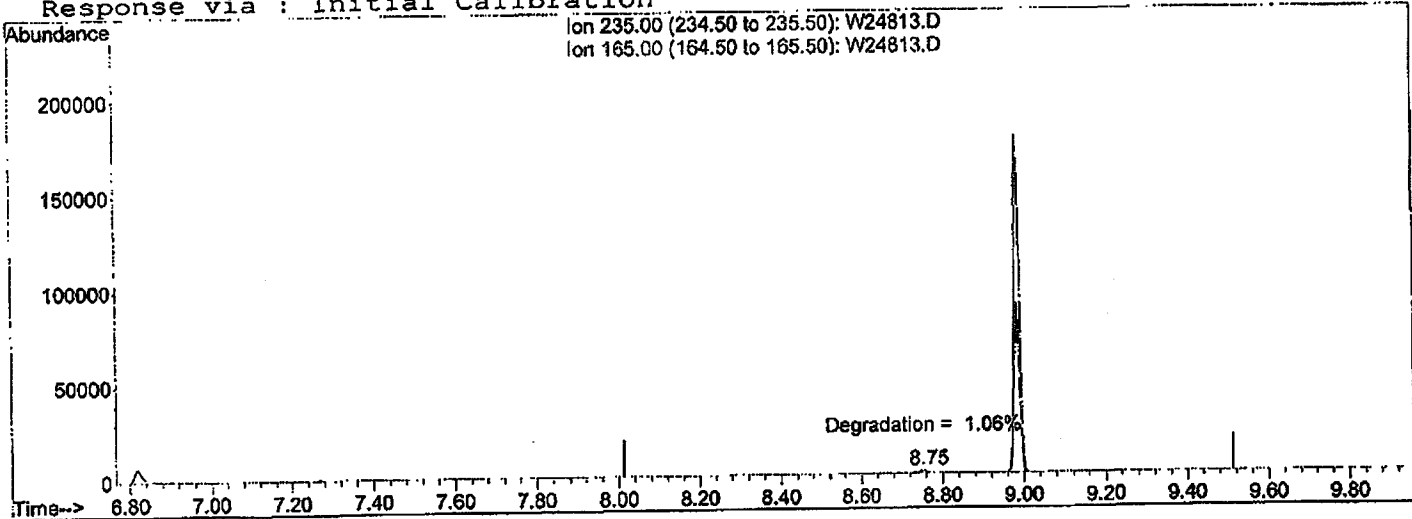
EasyID Report

Data File : C:\MSDCHEM\1\DATA\070208\W24813.D
 Acq On : 2 Jul 2008 8:48 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Jul 01 13:50:53 2008
 Response via : Initial Calibration



(3) 4-DDT

Exp R.T. 8.76min

response 0

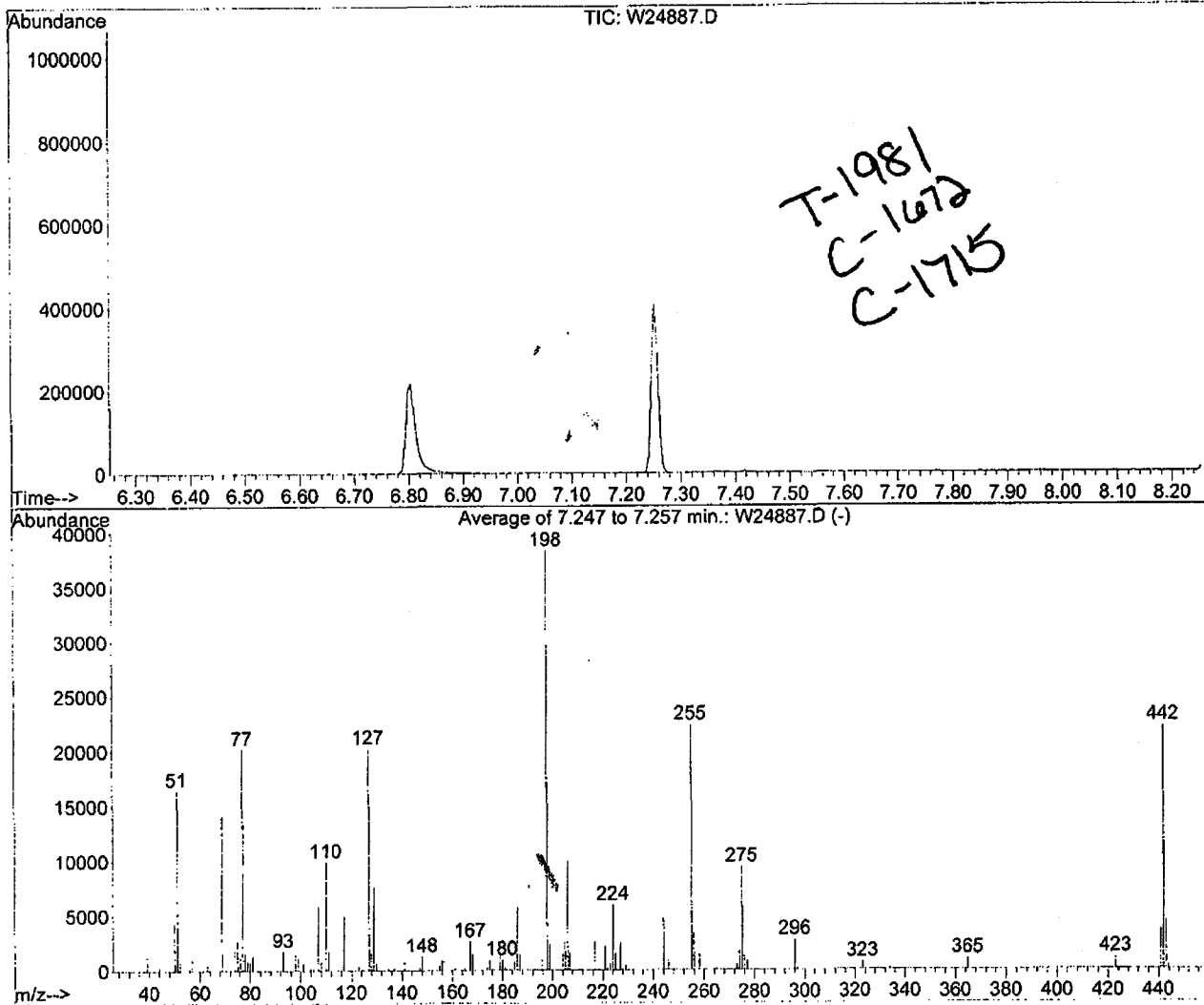
Ion	Exp%	Act%
235.00	100	100
165.00	65.60	0.00
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : C:\MSDCHEM\1\DATA\070808\W24887.D
 Acq On : 8 Jul 2008 9:16 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: rteint.p

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis



Peak Apex is scan: 781 (7.25 min)
 Average of 3 scans: 780,781,782 minus background scan 761 (7.15 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
51	198	30	60	42.9	16479	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	37.1	14235	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	52.7	20253	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	38413	PASS
199	198	5	9	6.3	2416	PASS
275	198	10	30	24.5	9397	PASS
365	198	1	100	2.5	967	PASS
441	198	0	100	9.3	3589	PASS
442	198	40	110	57.6	22138	PASS
443	442	17	23	20.1	4445	PASS

Average of 7.247 to 7.257 min.: W24887.D

DFTPP050

Modified: subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1305	77.05	20182	107.00	5838	137.00	226
44.00	356	78.05	1530	108.00	917	141.00	826
50.05	4259	79.00	867	110.00	9916	147.00	261
51.10	16479	80.00	806	110.95	1737	148.00	1277
52.05	779	81.00	1349	117.00	5003	154.95	394
57.00	997	93.00	1764	123.00	413	155.95	895
63.00	610	98.00	1473	127.00	20253	161.00	215
69.00	14235	99.00	1215	128.00	1630	167.00	2610
74.00	1867	100.95	735	129.00	7657	168.00	1436
75.00	2722	104.00	216	129.95	685	173.90	229
76.05	1176	105.00	198	134.90	504	174.95	882

Average of 7.247 to 7.257 min.: W24887.D

DFTPP050

Modified: subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
178.90	1569	205.00	2641	244.95	425	295.95	2734
179.95	987	206.00	9977	245.95	910	323.00	691
181.00	216	207.00	1600	255.00	22346	333.90	394
184.95	786	216.95	2676	256.00	3383	364.90	967
186.00	5748	221.00	2185	258.00	1407	423.00	1045
187.00	1442	222.95	548	264.95	470	440.95	3589
193.00	597	224.00	5950	272.90	515	442.00	22138
196.00	1198	225.00	1572	273.90	1776	442.95	4445
197.90	38413	226.95	2488	275.00	9397	443.90	374
198.95	2416	228.95	395	275.95	1312		
204.00	1566	244.00	4744	276.95	856		

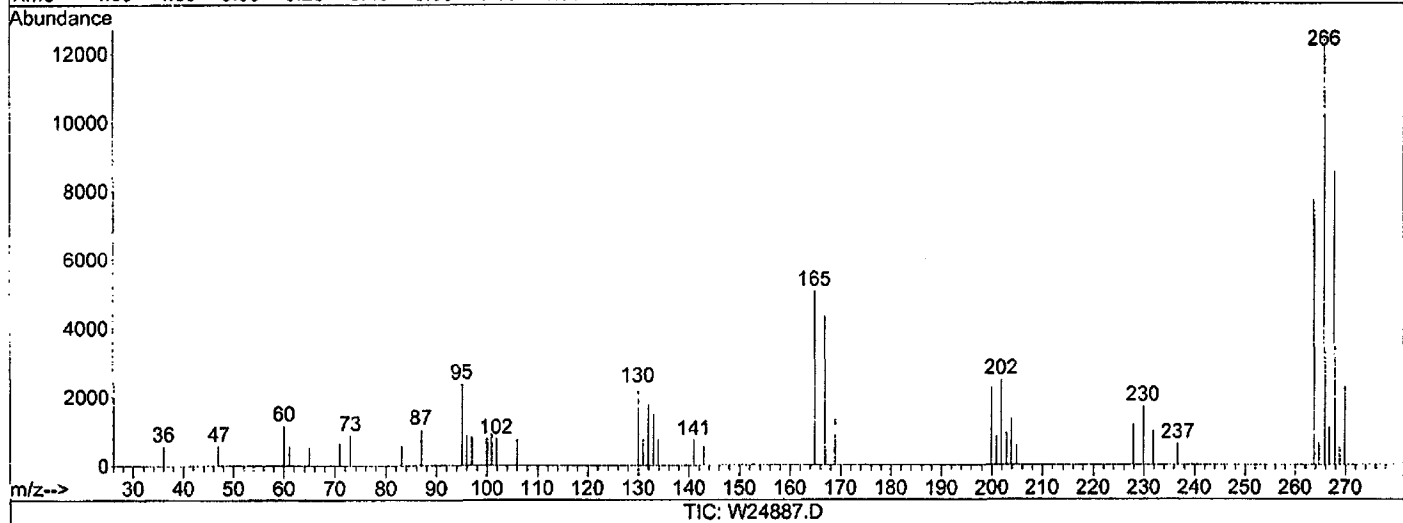
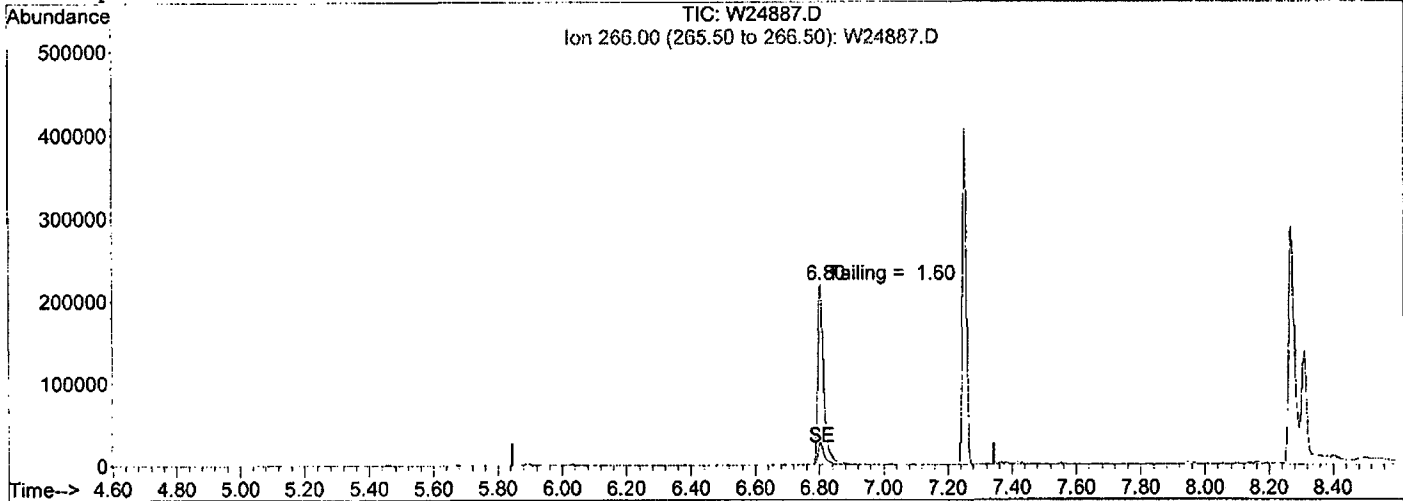
EasyID Report

Data File : C:\MSDCHEM\1\DATA\070808\W24887.D
 Acq On : 8 Jul 2008 9:16 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Jul 08 09:11:33 2008
 Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.59min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	1013.30	2330.04
0.00	0.00	0.00
0.00	0.00	0.00

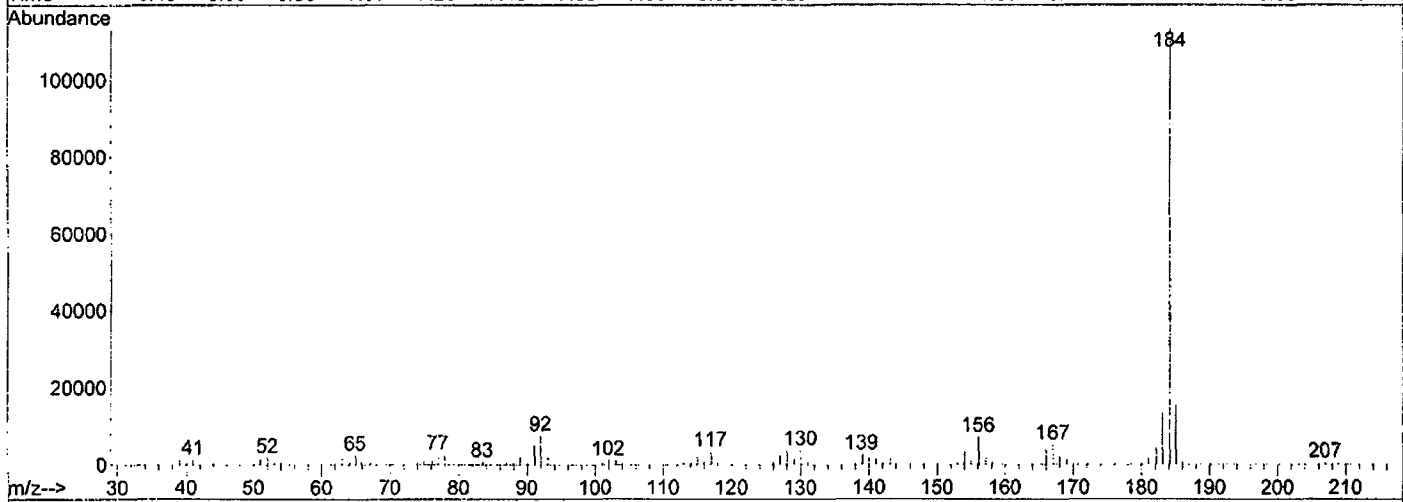
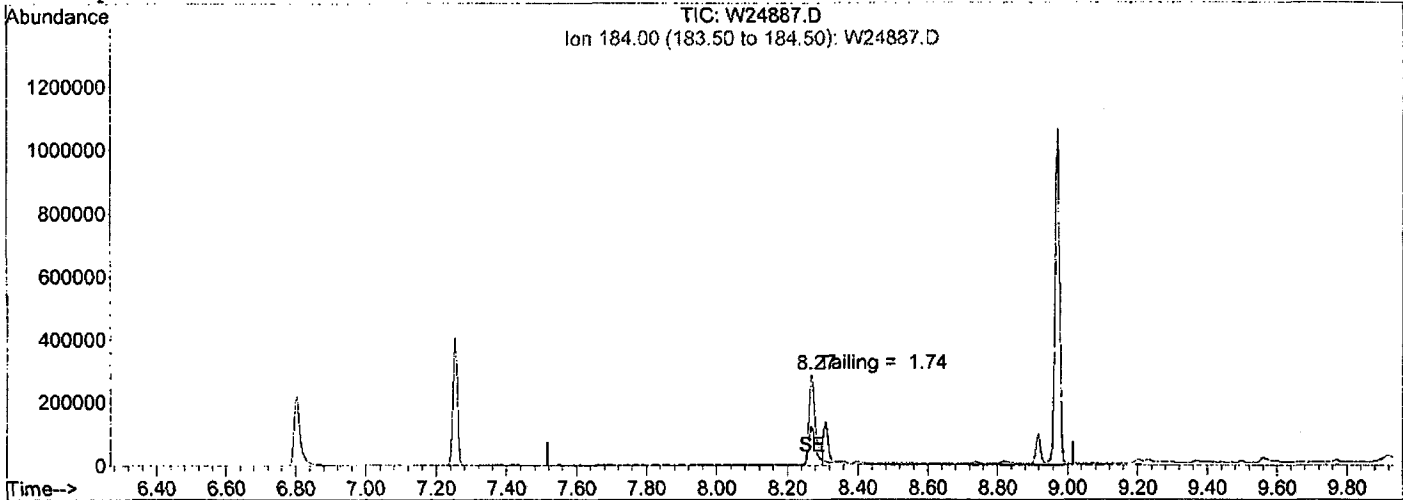
EasyID Report

Data File : C:\MSDCHEM\1\DATA\070808\W24887.D
 Acq On : 8 Jul 2008 9:16 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Jul 08 09:11:33 2008
 Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.27min

response 0

Signal	Exp%	Act%
TIC	100	100
184.00	1415.80	39.41
0.00	0.00	0.00
0.00	0.00	0.00

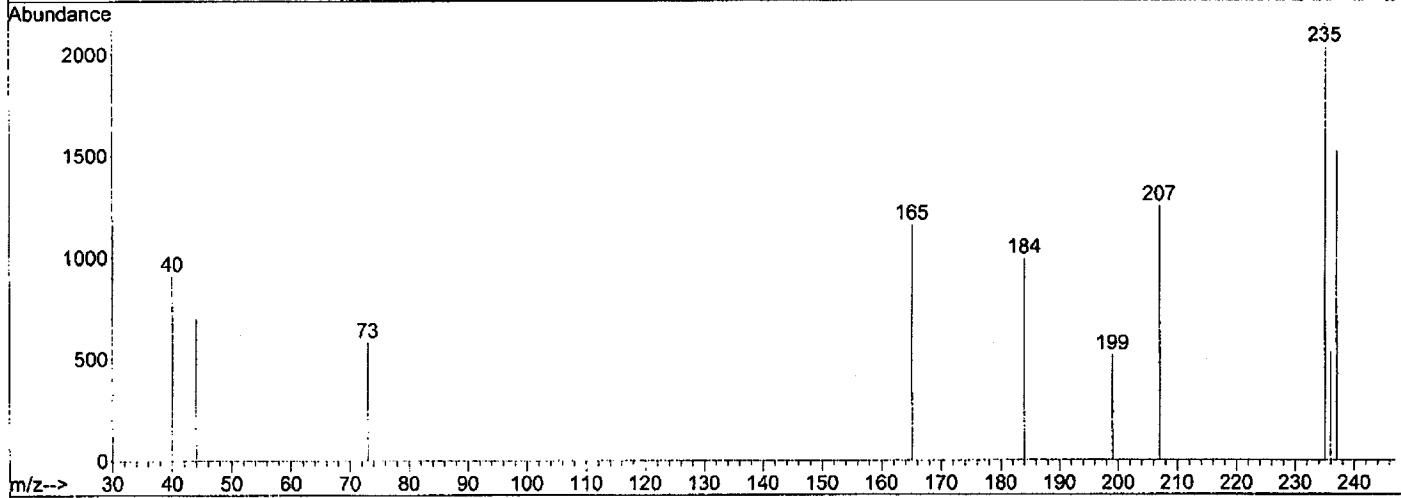
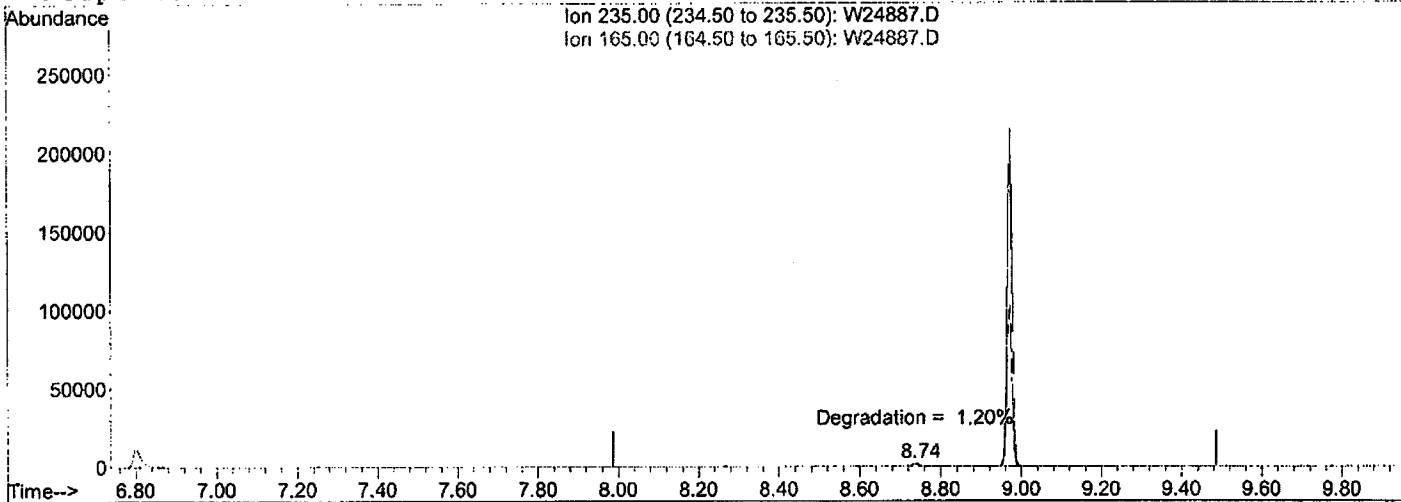
EasyID Report

Data File : C:\MSDCHEM\1\DATA\070808\W24887.D
 Acq On : 8 Jul 2008 9:16 am
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Jul 08 09:11:33 2008
 Response via : Initial Calibration



(3) 4-DDT

Exp R.T. 8.74min

response 0

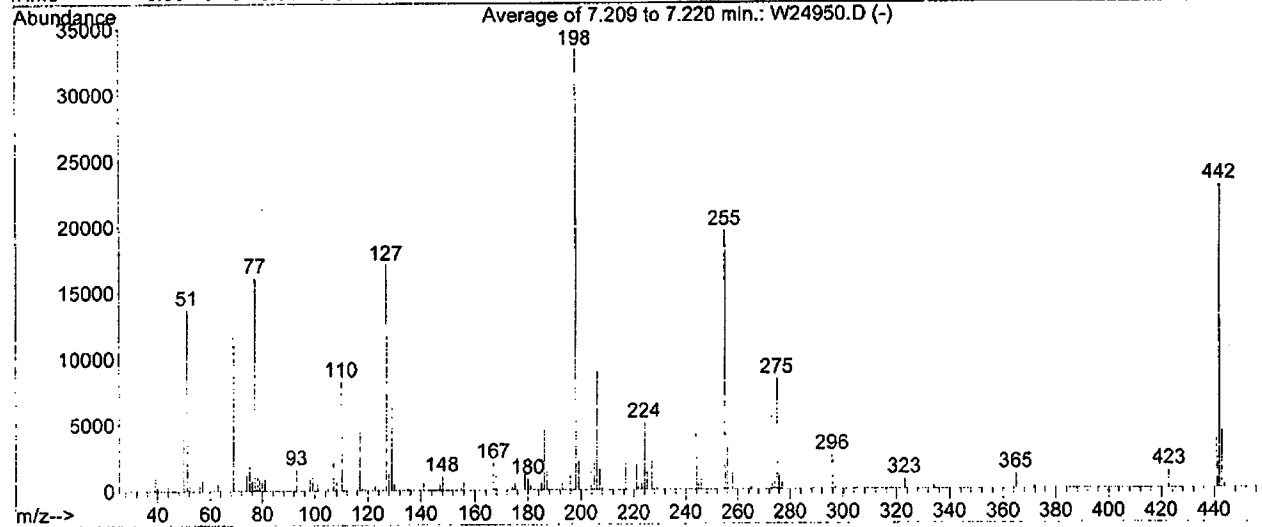
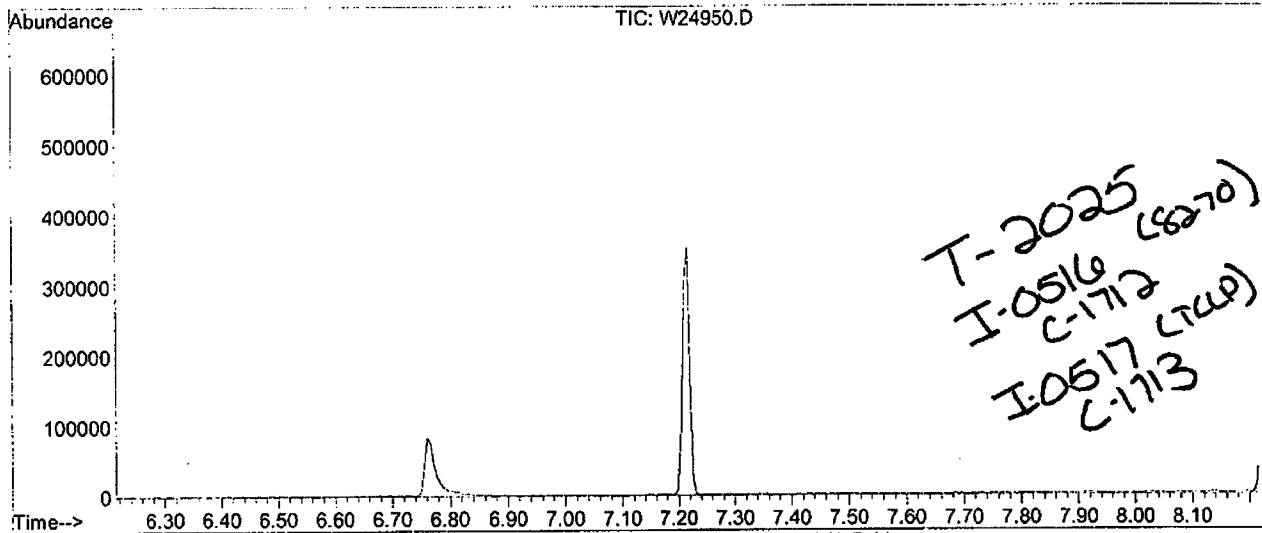
Ion	Exp%	Act%
235.00	100	100
165.00	45.80	53.91
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : C:\MSDCHEM\1\DATA\071008\W24950.D
 Acq On : 10 Jul 2008 12:08
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: rteint.p

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis



Peak Apex is scan: 774 (7.21 min)
 Average of 3 scans: 773,774,775 minus background scan 754 (7.11 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
51	198	30	60	41.0	13697	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	34.9	11651	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	51.1	17079	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	33416	PASS
199	198	5	9	6.7	2232	PASS
275	198	10	30	25.0	8359	PASS
365	198	1	100	3.5	1155	PASS
441	198	0	100	11.1	3705	PASS
442	198	40	110	68.6	22925	PASS
443	442	17	23	18.9	4343	PASS

Average of 7.209 to 7.220 min.: W24950.D

DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	1018	75.00	2174	105.00	175	129.95	458
40.00	276	76.10	736	107.00	4946	134.95	535
44.00	379	77.00	16145	107.95	622	141.00	555
50.05	3970	78.00	1053	110.00	8271	147.00	476
51.10	13697	78.95	813	111.00	1009	148.00	1058
52.10	676	79.95	623	117.00	4422	155.00	182
56.00	351	81.00	857	118.00	174	156.00	601
57.00	764	93.00	1610	122.95	378	166.95	2057
63.05	538	98.00	1230	127.00	17079	168.00	1124
69.00	11651	99.00	1026	128.00	1218	174.00	205
74.00	1215	100.95	527	129.00	6354	175.00	492

Average of 7.209 to 7.220 min.: W24950.D

DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
178.95	1175	205.00	2198	228.00	175	275.00	8359
180.00	854	206.00	8986	229.00	175	276.00	1054
181.00	361	207.00	1549	244.00	4216	276.95	531
184.95	501	208.00	177	245.00	477	295.90	2558
186.00	4601	216.90	2243	245.95	830	297.00	180
187.00	1425	221.00	1895	255.00	19607	323.00	790
192.95	463	221.70	240	256.00	3107	334.00	249
196.00	1136	222.95	450	258.00	1236	364.90	1155
197.90	33416	224.00	5078	265.00	212	371.90	187
198.95	2232	225.00	1376	273.00	497	422.95	1350
204.00	1421	226.95	2219	274.00	1835	441.00	3705

Average of 7.209 to 7.220 min.: W24950.D

DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
442.00	22925						
443.00	4343						
443.90	246						

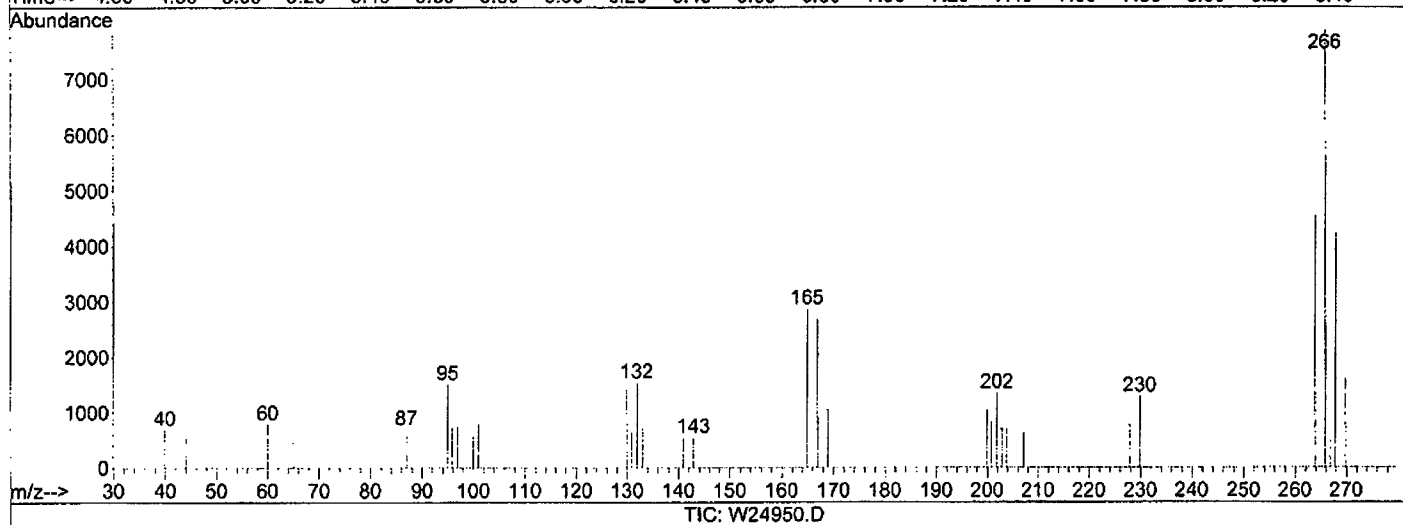
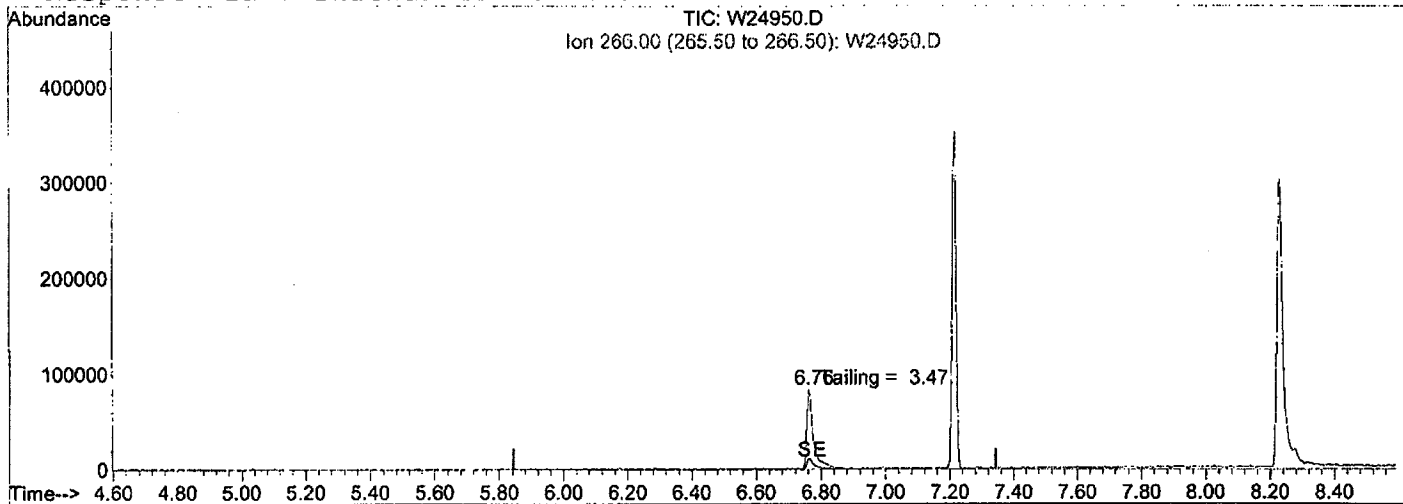
EasyID Report

Data File : C:\MSDCHEM\1\DATA\071008\W24950.D
 Acq On : 10 Jul 2008 12:08
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Wed Jul 09 11:03:53 2008
 Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.59min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	1013.30	1051.54
0.00	0.00	0.00
0.00	0.00	0.00

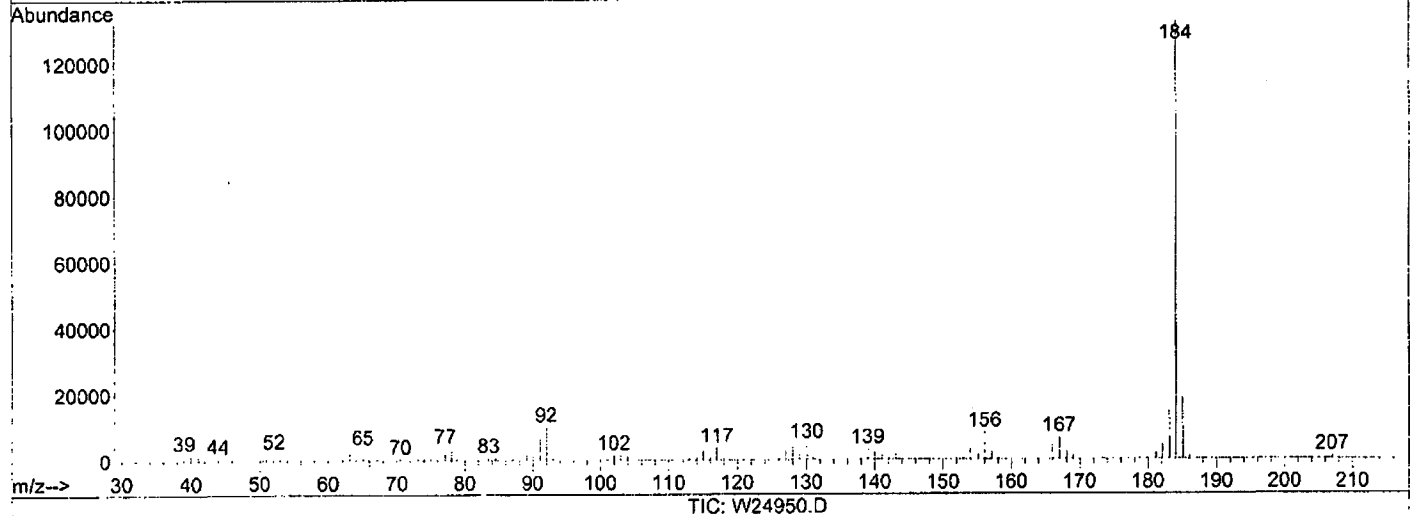
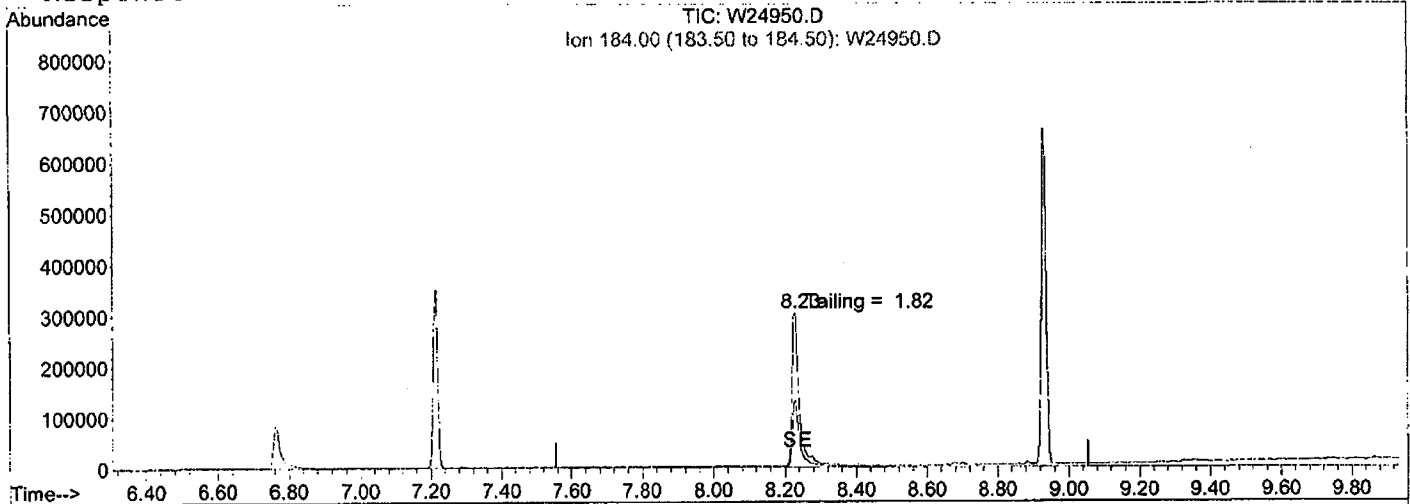
EasyID Report

Data File : C:\MSDCHEM\1\DATA\071008\W24950.D
 Acq On : 10 Jul 2008 12:08
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Wed Jul 09 11:03:53 2008
 Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.30min

response 0

Signal	Exp%	Act%
TIC	100	100
184.00	7.50	43.87
0.00	0.00	0.00
0.00	0.00	0.00

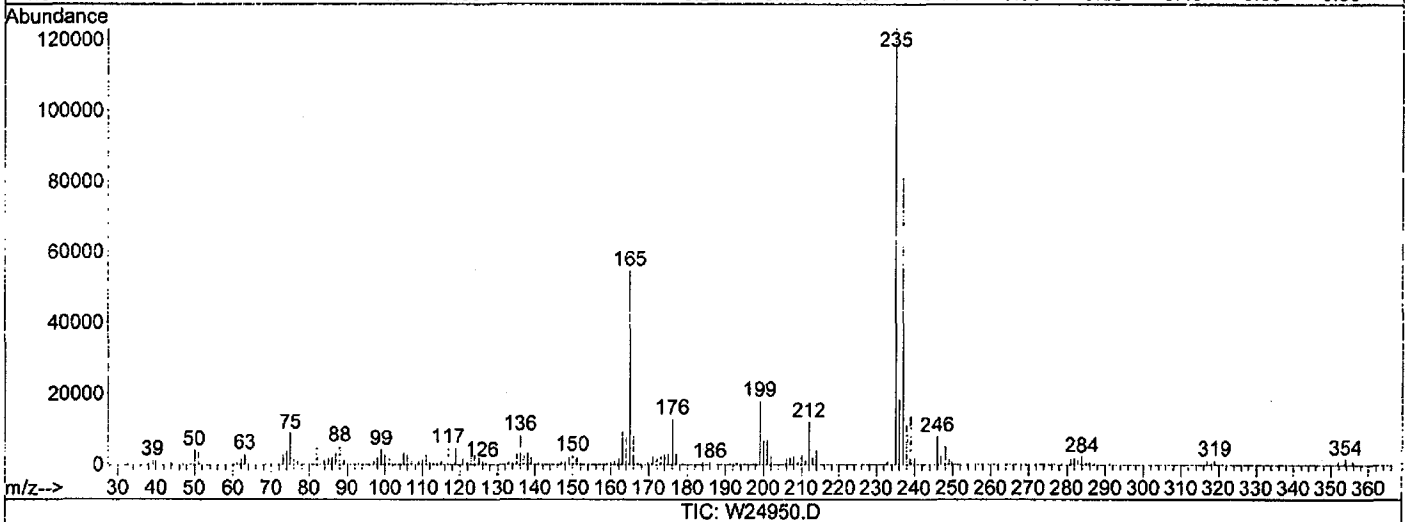
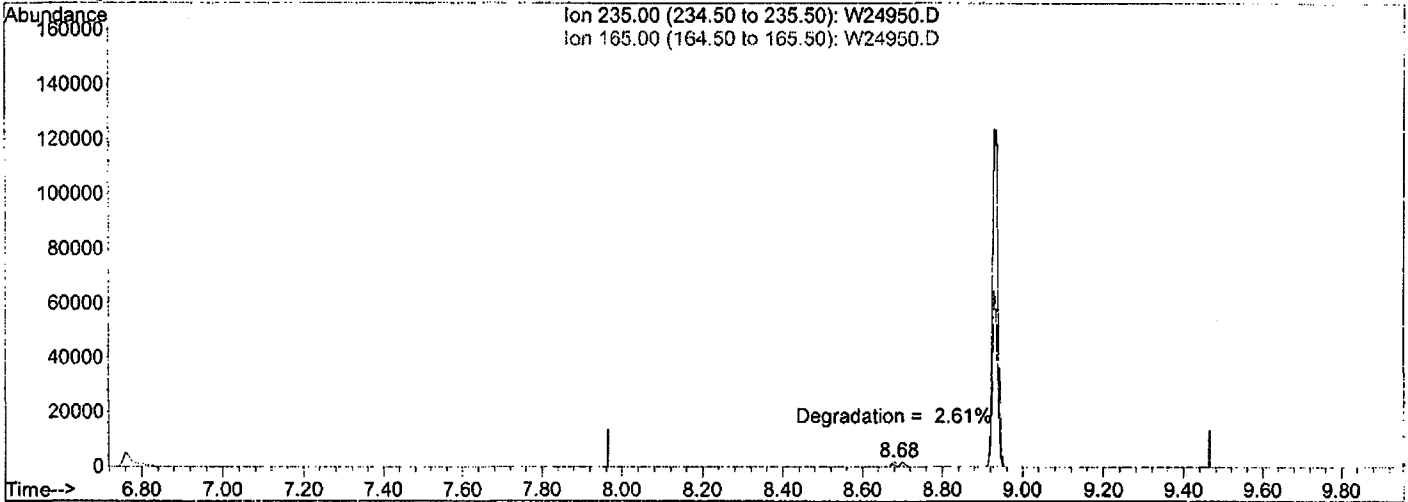
EasyID Report

Data File : C:\MSDCHEM\1\DATA\071008\W24950.D
 Acq On : 10 Jul 2008 12:08
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Wed Jul 09 11:03:53 2008
 Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 8.72min

response 0

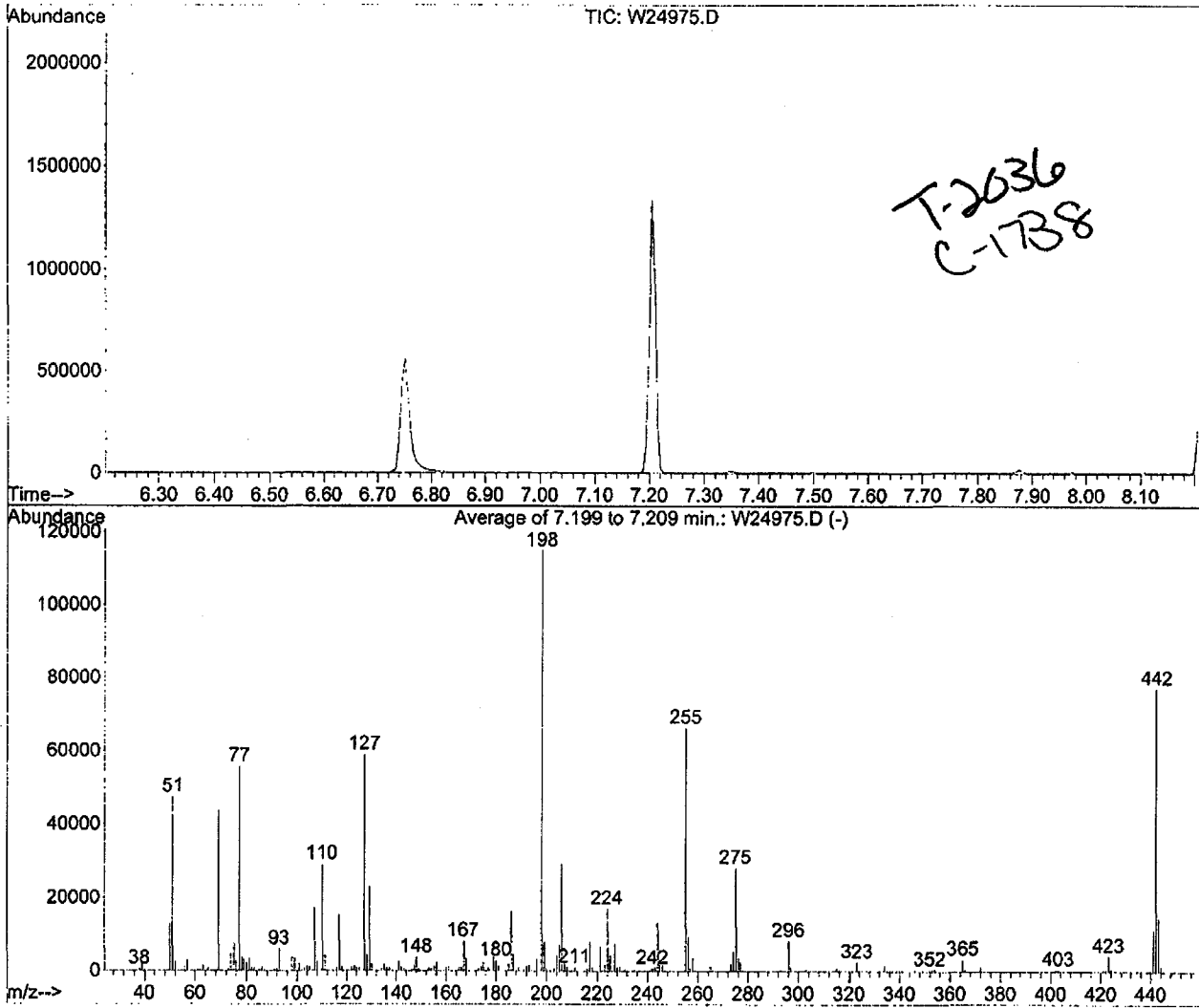
Ion	Exp%	Act%
235.00	100	100
165.00	47.70	44.42
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : C:\MSDCHEM\1\DATA\071108\W24975.D
 Acq On : 11 Jul 2008 10:13
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: rteint.p

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis



Peak Apex is scan: 772 (7.20 min)

Average of 3 scans: 771,772,773 minus background scan 752 (7.10 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result
51	198	30	60	41.2	47464	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	37.9	43650	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	51.3	58992	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	115066	PASS
199	198	5	9	6.8	7844	PASS
275	198	10	30	24.5	28205	PASS
365	198	1	100	2.9	3316	PASS
441	198	0	100	9.8	11253	PASS
442	198	40	110	67.0	77128	PASS
443	442	17	23	19.0	14684	PASS

Average of 7.199 to 7.209 min.: W24975.D

DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.05	639	74.05	4765	91.00	612	110.00	29125
39.05	3683	75.00	7621	92.00	852	111.00	4535
50.05	12936	76.00	2772	93.00	6075	116.05	991
51.10	47464	77.10	55736	98.00	4942	117.00	15412
52.05	2539	78.10	3854	99.00	3675	118.00	1064
56.00	1310	79.00	3325	101.00	2129	122.00	1206
57.00	3158	80.00	2399	102.95	780	123.00	1580
63.05	1718	81.00	3544	103.95	1319	124.00	782
65.05	922	82.00	895	105.00	1258	125.00	826
69.00	43650	83.00	923	107.00	17168	127.00	58992
73.00	756	86.00	1194	108.00	2753	128.00	4663

Average of 7.199 to 7.209 min.: W24975.D

DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
129.00	23018	148.95	812	172.95	755	192.00	1350
129.95	2020	152.95	946	174.00	1221	193.00	1775
134.00	687	153.95	680	175.00	2409	196.00	3441
135.00	1976	155.00	1603	177.00	1069	197.95	115066
136.00	851	156.00	2436	178.95	3912	199.00	7844
137.00	925	159.95	918	180.00	2933	200.00	693
141.00	2760	161.00	1281	181.00	1404	202.95	870
142.00	1032	165.00	1010	185.00	2042	204.00	4369
142.95	793	166.05	1101	186.00	16376	205.00	7377
147.00	1852	167.00	8216	187.00	4621	206.00	29253
148.00	3773	168.00	3679	189.00	1059	207.00	3738

Average of 7.199 to 7.209 min.: W24975.D

DFTPP050

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
208.00	1174	229.00	1394	272.95	2087	354.00	788
211.05	1093	242.00	871	274.00	5557	364.95	3316
215.95	754	243.05	1098	275.00	28205	372.00	1328
217.00	7871	244.00	13371	276.00	3743	423.00	4186
218.00	1053	245.00	1655	277.00	2557	423.95	736
221.00	6644	246.00	2661	296.00	8258	441.00	11253
222.95	1762	255.00	66360	296.95	1245	442.00	77128
224.00	17028	256.00	9555	303.05	760	443.00	14684
225.00	4320	256.95	773	314.95	967	444.00	1354
227.00	7548	258.00	3810	323.05	2629		
228.00	1033	264.95	1475	334.00	1589		

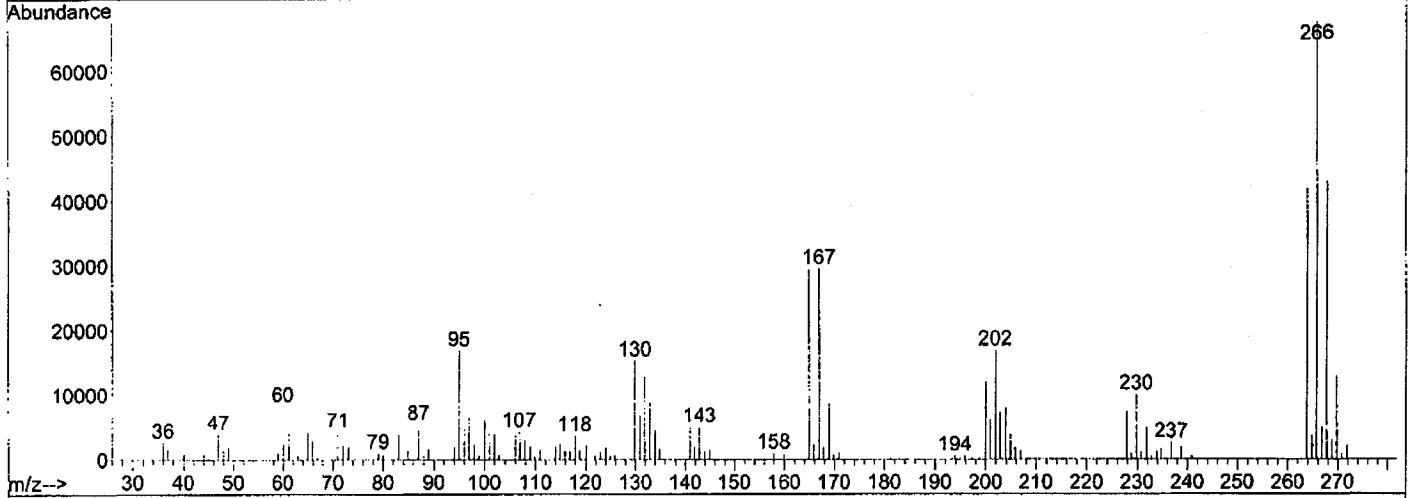
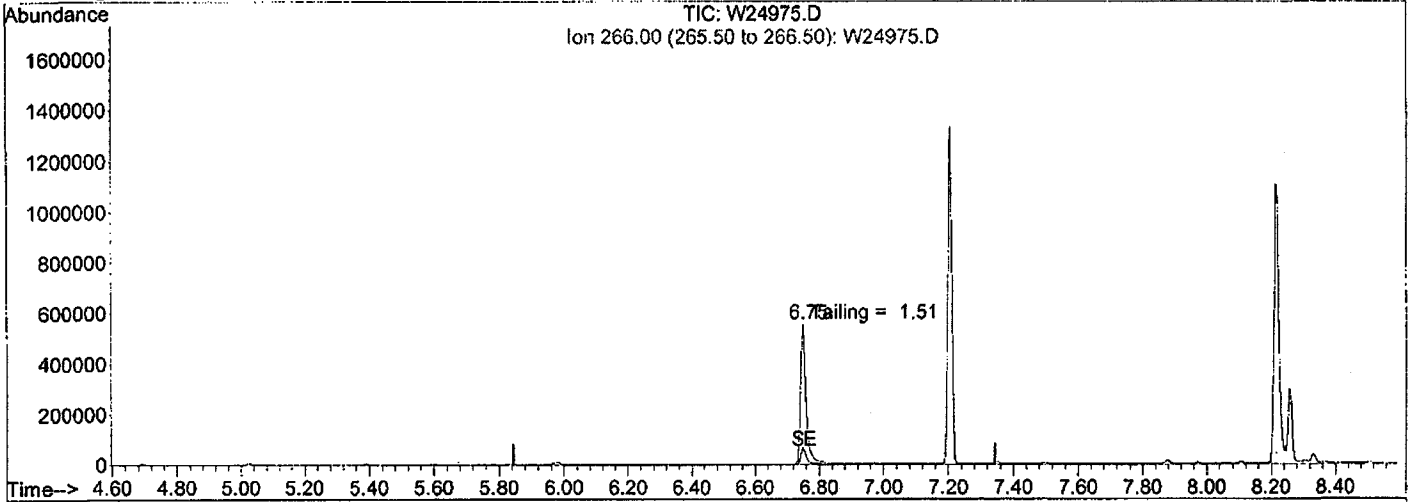
EasyID Report

Data File : C:\MSDCHEM\1\DATA\071108\W24975.D
 Acq On : 11 Jul 2008 10:13
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Wed Jul 09 11:03:53 2008
 Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.59min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	1013.30	2701.60
0.00	0.00	0.00
0.00	0.00	0.00

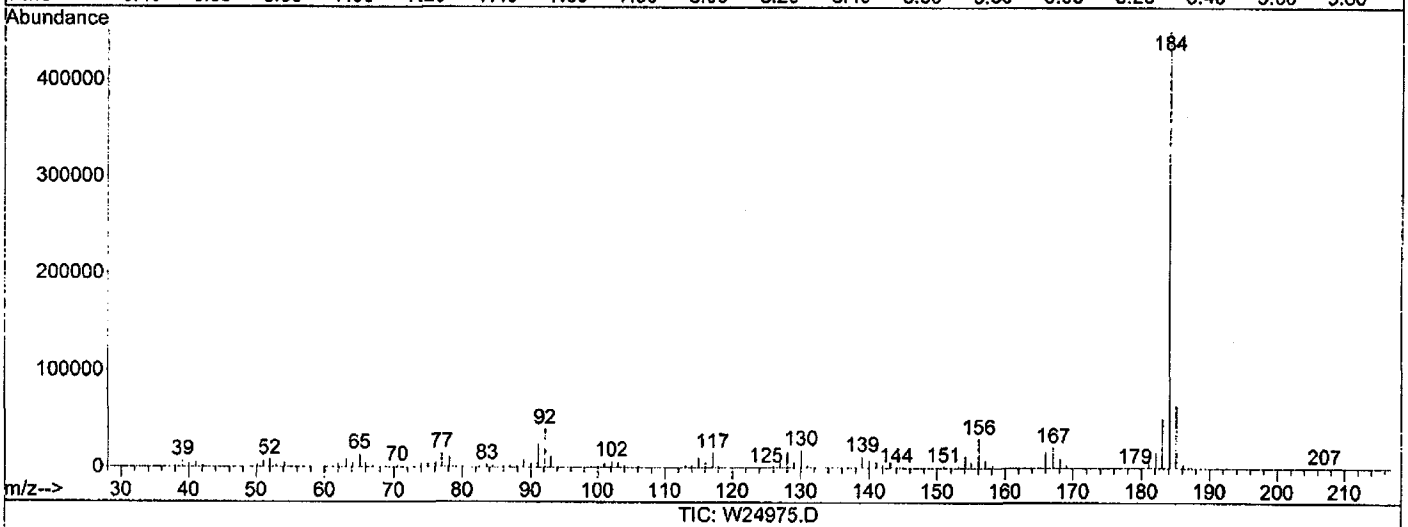
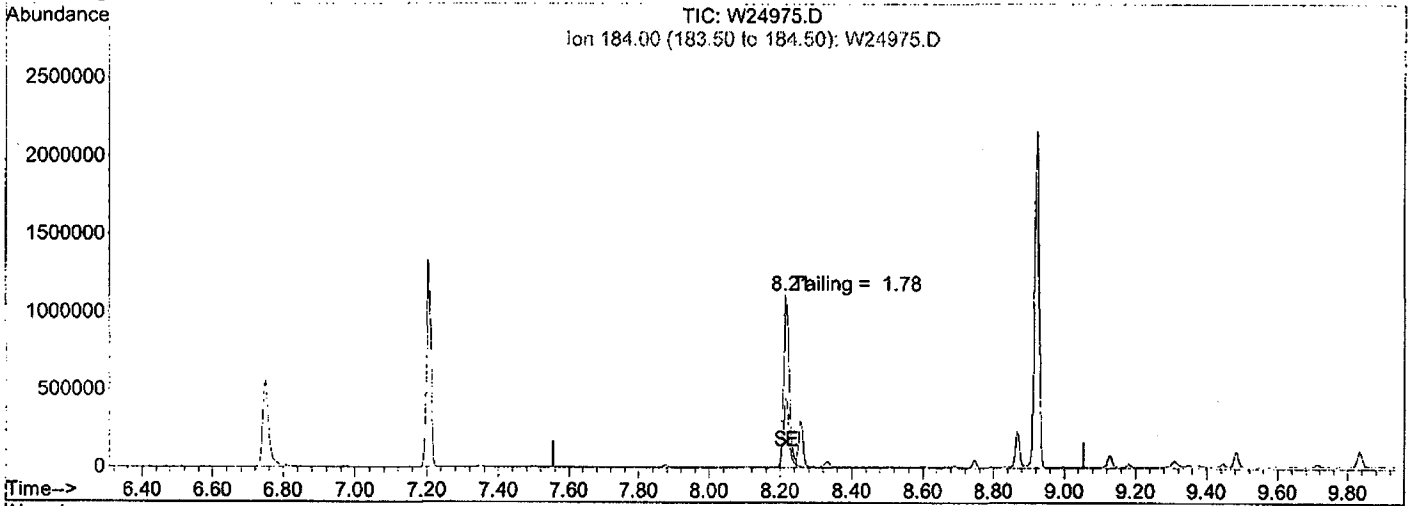
EasyID Report

Data File : C:\MSDCHEM\1\DATA\071108\W24975.D
 Acq On : 11 Jul 2008 10:13
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Wed Jul 09 11:03:53 2008
 Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.30min

response 0

Signal	Exp%	Act%
TIC	100	100
184.00	7.50	40.72
0.00	0.00	0.00
0.00	0.00	0.00

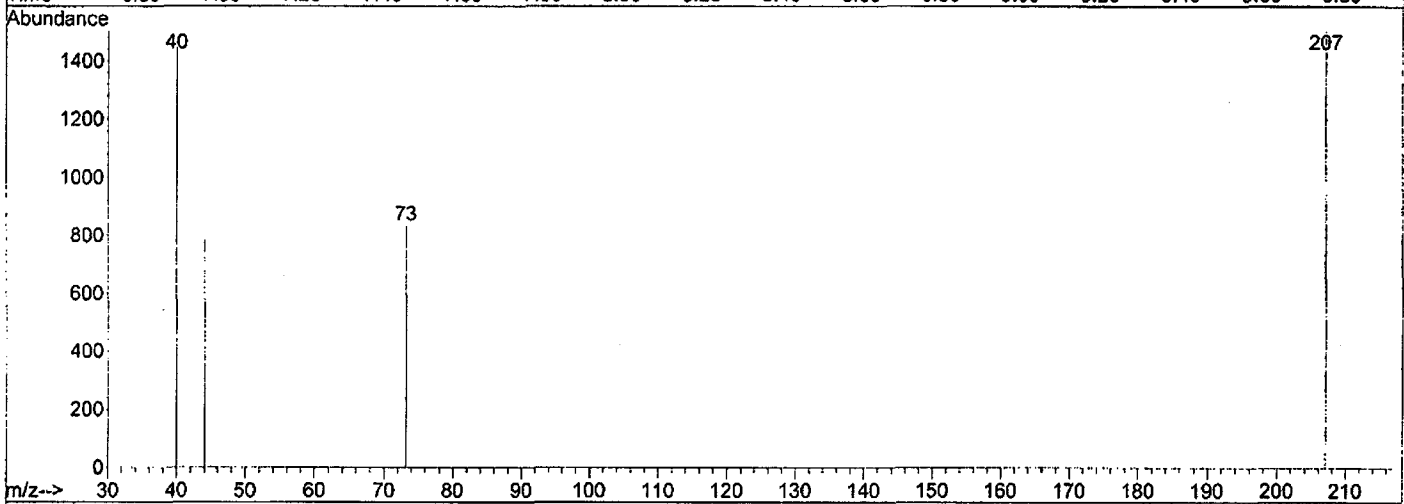
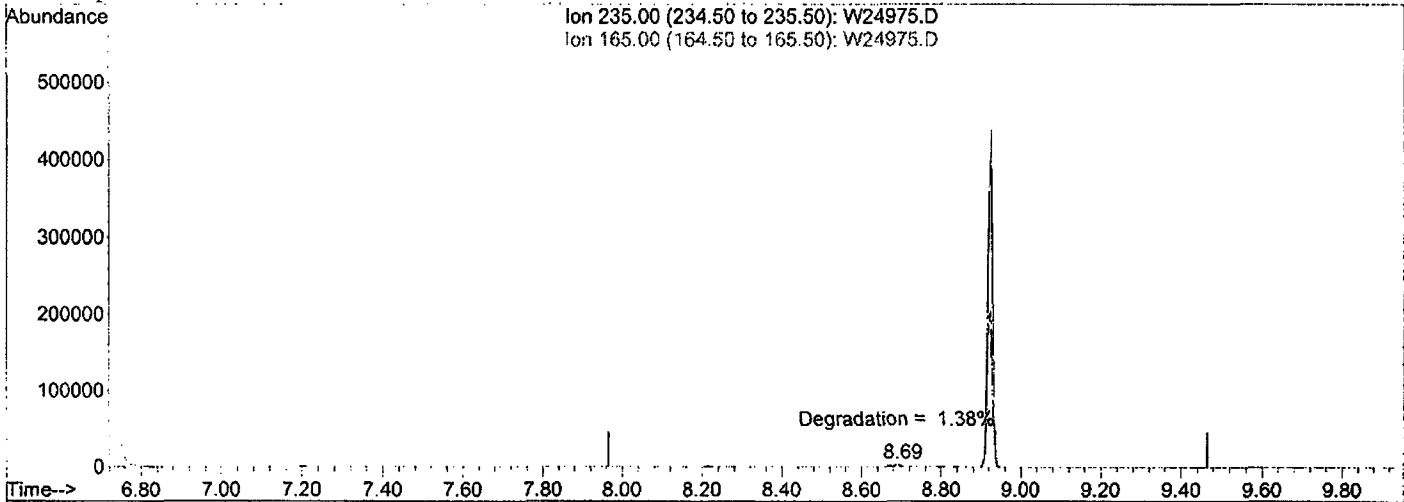
EasyID Report

Data File : C:\MSDCHEM\1\DATA\071108\W24975.D
 Acq On : 11 Jul 2008 10:13
 Sample : DFTPP050
 Misc : SC33-12D
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Wed Jul 09 11:03:53 2008
 Response via : Initial Calibration



TIC: W24975.D

(3) 4-DDT

Exp R.T. 8.72min

response 0

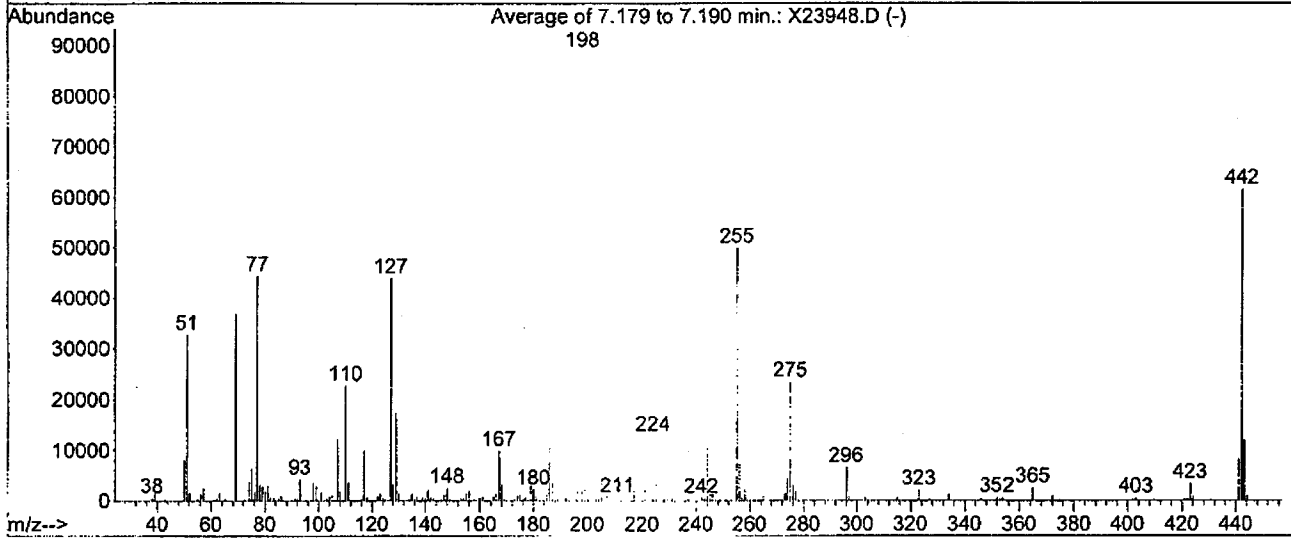
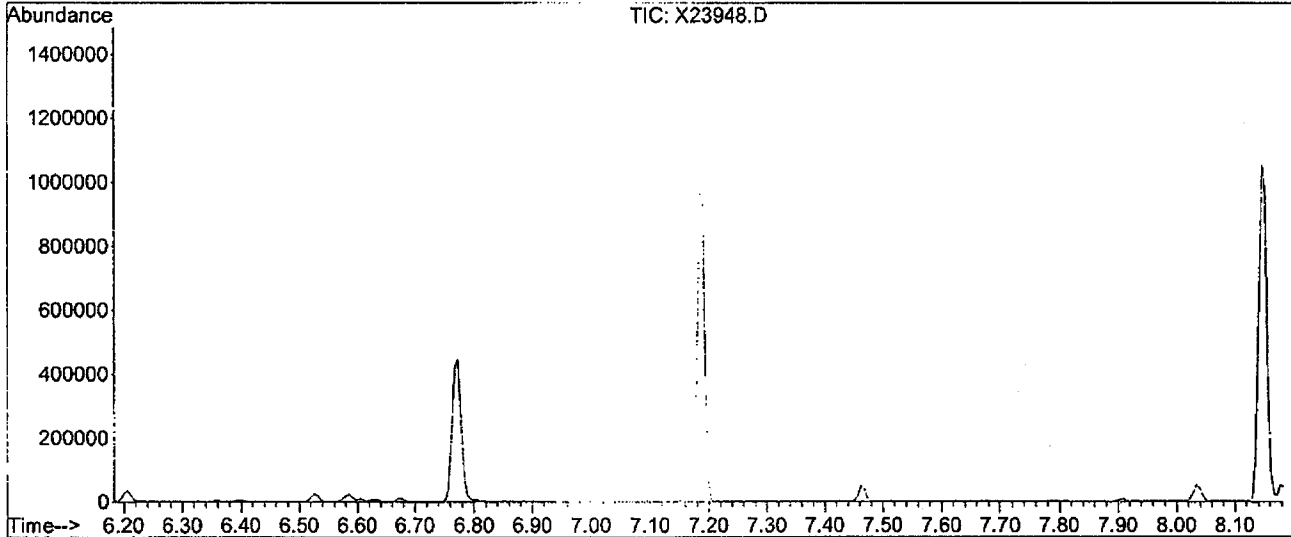
Ion	Exp%	Act%
235.00	100	0
165.00	47.70	0.00
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\052208\X23948.D
 Acq On : 22 May 2008 14:23
 Sample : DFTPP 50NG
 Misc : SC33-11Q
 MS Integration Params: rteint.p

Vial: 1
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis



Peak Apex is scan: 768 (7.18 min)

Average of 3 scans: 767,768,769 minus background scan 748 (7.08 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
51	198	30	60	36.8	32800	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	41.4	36882	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	49.3	43912	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	89042	PASS
199	198	5	9	7.0	6238	PASS
275	198	10	30	26.3	23409	PASS
365	198	1	100	2.9	2599	PASS
441	198	0	100	9.1	8089	PASS
442	198	39	110	69.0	61470	PASS
443	442	17	23	19.7	12102	PASS

Average of 7.179 to 7.190 min.: X23948.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.10	625	75.10	6381	91.10	586	111.05	3665
39.10	3207	76.10	1759	92.00	599	116.00	505
50.10	8191	77.10	44437	93.05	4321	117.05	9940
51.10	32800	78.05	3160	98.05	3612	118.05	823
52.10	1781	79.05	2942	99.05	3048	122.05	965
56.10	1357	80.05	1911	101.05	1711	123.05	1426
57.10	2560	81.10	2990	104.05	993	123.95	495
63.10	1637	82.05	673	105.05	1212	125.00	509
65.15	818	83.10	676	107.05	12248	127.00	43912
69.10	36882	85.05	508	108.05	1996	128.00	3323
74.10	3766	86.05	938	110.00	22761	129.00	17405

Average of 7.179 to 7.190 min.: X23948.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
130.00	1490	148.05	2561	173.00	463	192.00	1030
134.00	457	149.05	473	174.00	1024	193.00	1188
135.00	1639	153.00	583	175.05	1852	196.05	2683
136.00	506	155.05	1437	176.95	675	198.00	89042
136.95	858	156.05	1939	179.00	3131	199.00	6238
139.00	692	160.00	592	180.00	2264	200.00	456
140.00	631	161.05	1047	181.00	987	202.95	565
141.00	2295	165.00	938	185.00	1491	204.00	3466
142.00	701	166.05	1702	186.00	12261	205.00	5574
143.00	496	167.05	9873	187.00	3650	206.05	22593
147.00	1176	168.05	3300	189.00	651	207.05	3177

Average of 7.179 to 7.190 min.: X23948.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
208.00	678	229.00	1013	265.00	1083	334.00	1211
211.05	694	231.00	479	273.00	1545	352.00	662
217.00	6022	242.00	616	274.00	4484	354.05	608
218.00	668	242.95	473	275.00	23409	365.00	2599
221.00	4773	244.00	10583	276.00	3232	372.05	982
221.80	584	245.05	1418	277.00	1935	403.05	501
223.00	1336	246.00	1903	296.00	6598	423.00	3361
224.00	12821	255.00	49912	297.00	783	424.00	718
225.00	3427	256.00	7563	303.00	597	441.00	8089
227.00	5356	256.95	553	315.00	614	442.05	61470
228.00	675	258.05	2897	323.05	2145	443.05	12102

Average of 7.179 to 7.190 min.: X23948.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
444.10	983						

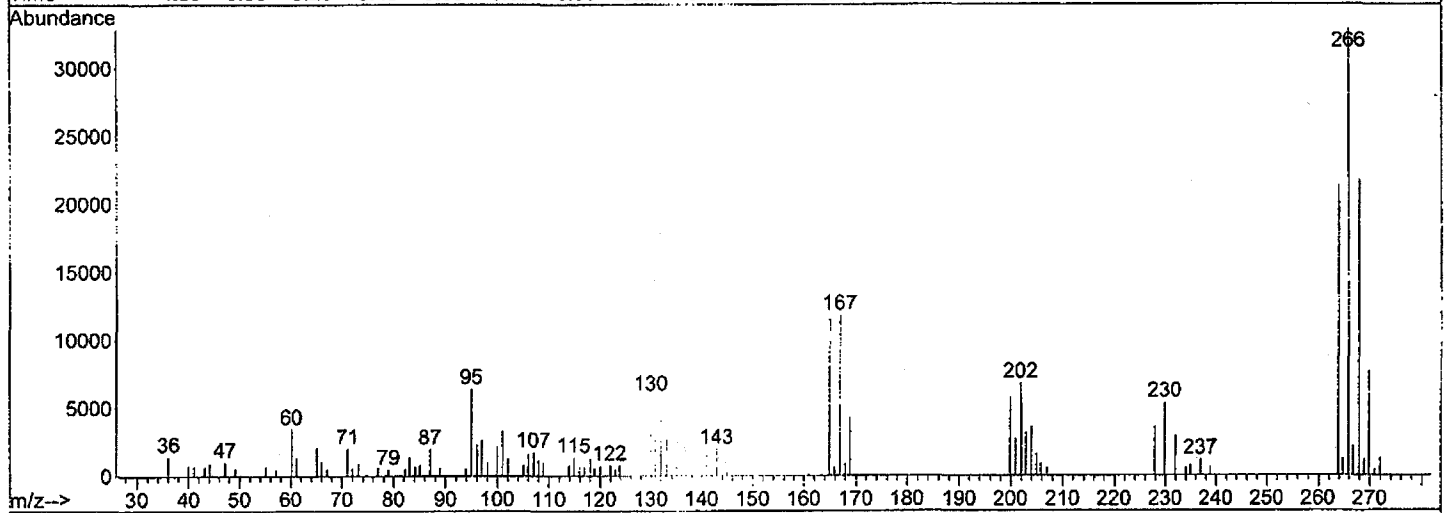
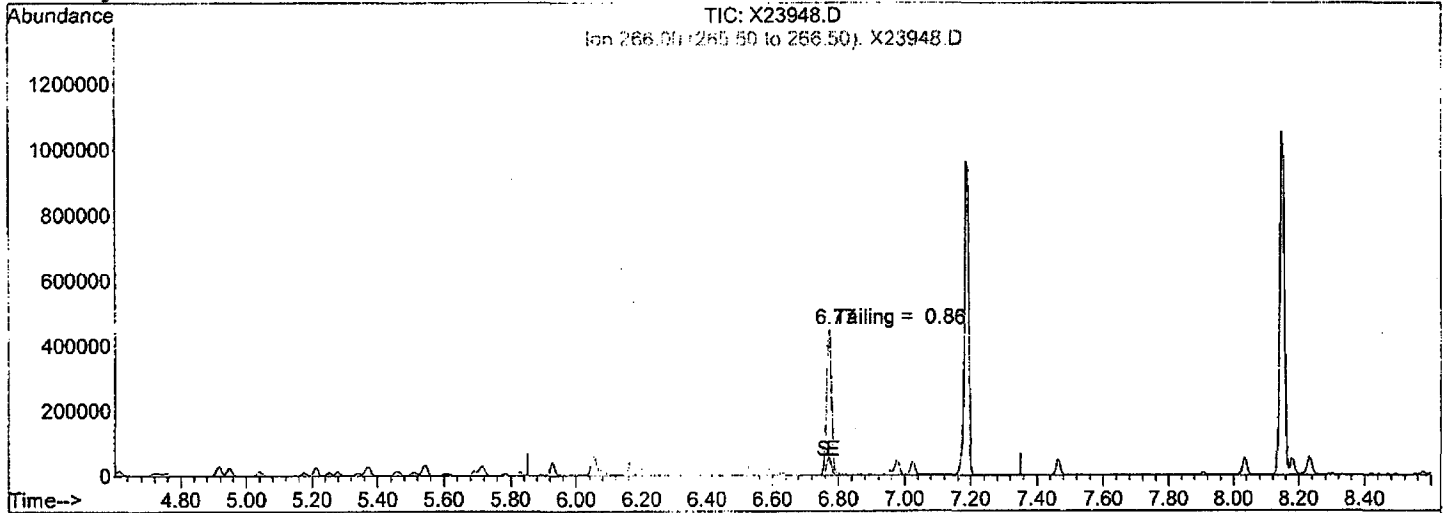
EasyID Report

Data File : D:\DATA\052208\X23948.D
 Acq On : 22 May 2008 14:23
 Sample : DFTPP 50NG
 Misc : SC33-11Q
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Thu May 22 06:10:36 2008
 Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.60min

response 0

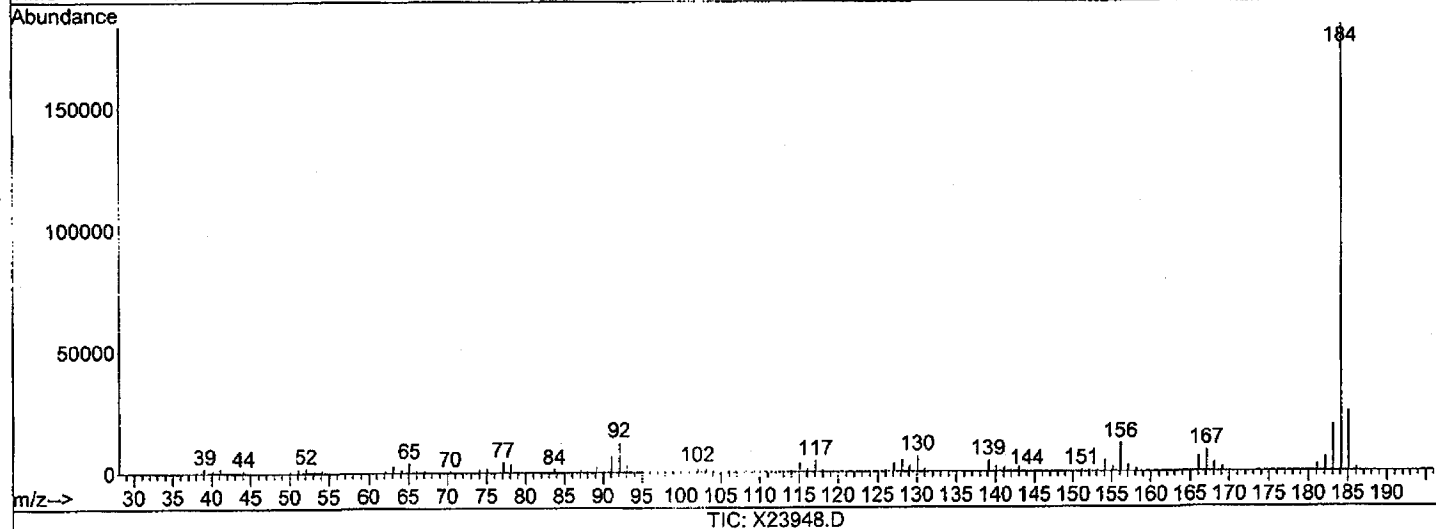
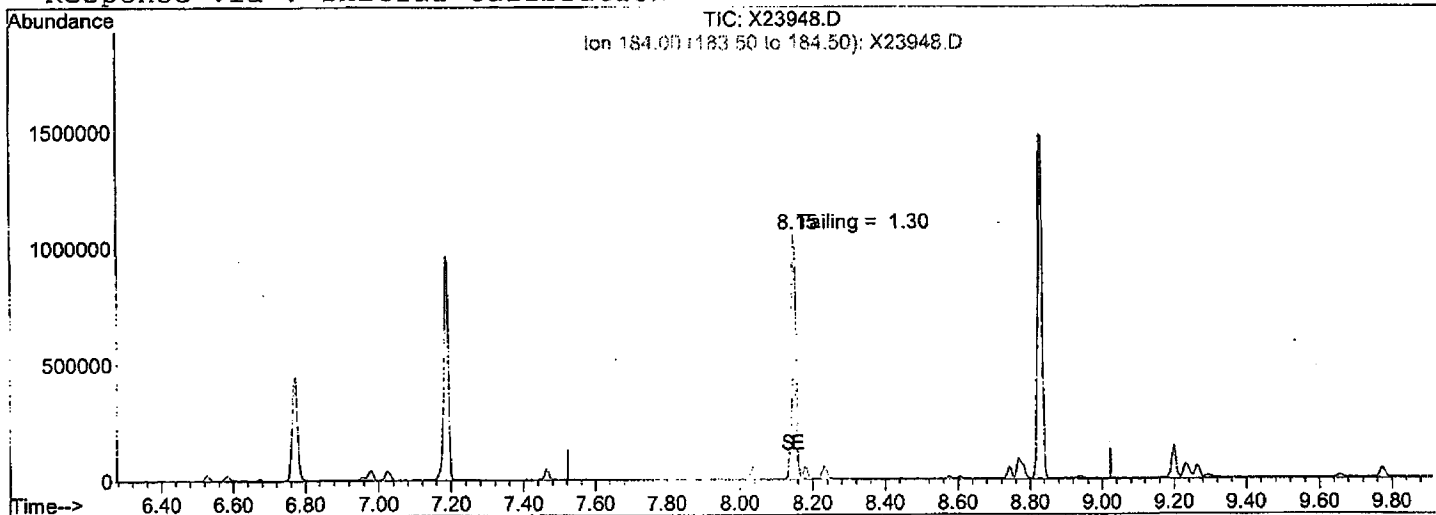
Signal	Exp%	Act%
TIC	100	100
266.00	1013.00	129.48
0.00	0.00	0.00
0.00	0.00	0.00

Data File : D:\DATA\052208\X23948.D
 Acq On : 22 May 2008 14:23
 Sample : DFTPP 50NG
 Misc : SC33-11Q
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Thu May 22 06:10:36 2008
 Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.27min

response 0

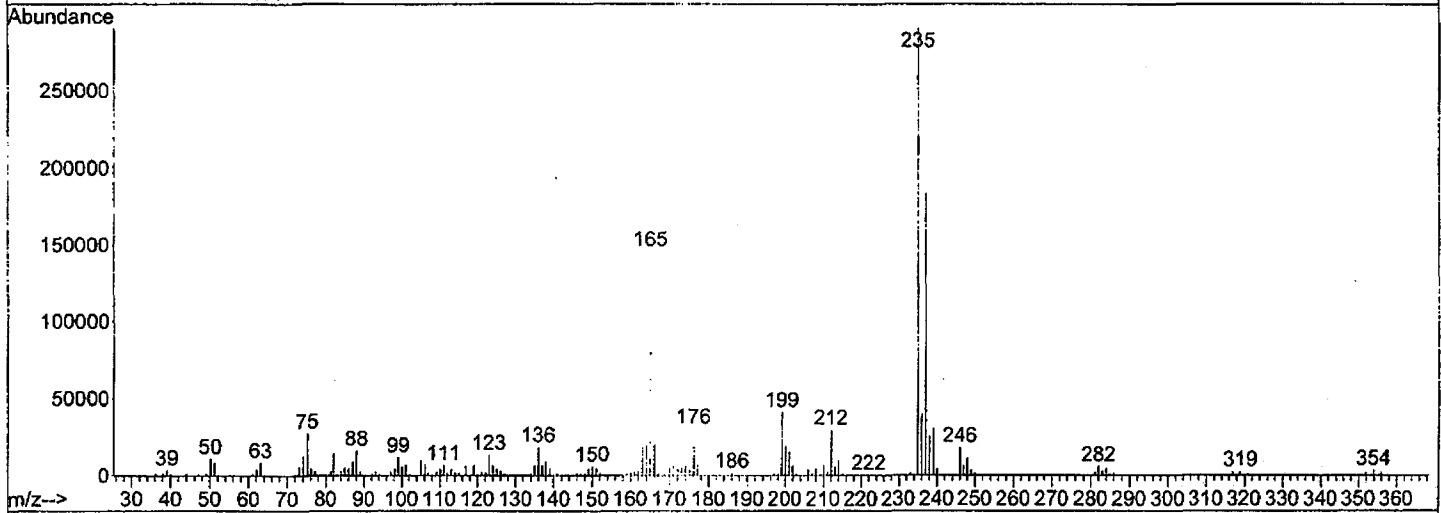
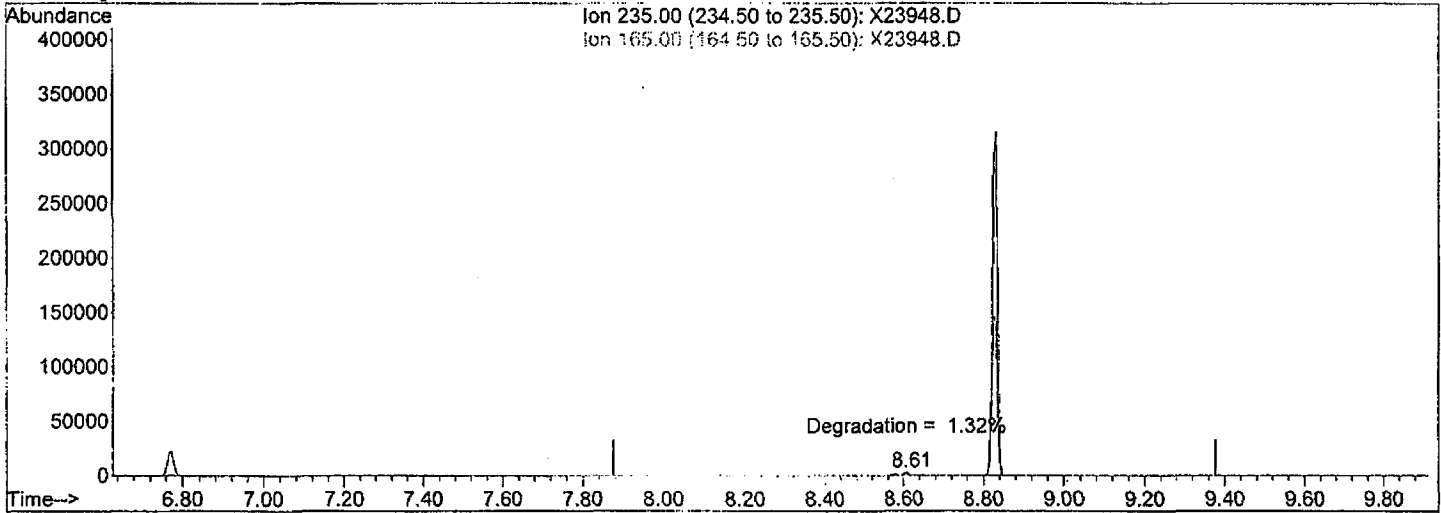
Signal	Exp%	Act%
TIC	100	100
184.00	2092.20	326.62
0.00	0.00	0.00
0.00	0.00	0.00

Data File : D:\DATA\052208\X23948.D
 Acq On : 22 May 2008 14:23
 Sample : DFTPP 50NG
 Misc : SC33-11Q
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Thu May 22 06:10:36 2008
 Response via : Initial Calibration



(3) 4-DDT

Exp R.T. 8.63min

response 0

Ion	Exp%	Act%
235.00	100	100
165.00	57.50	50.26
0.00	0.00	0.00
0.00	0.00	0.00

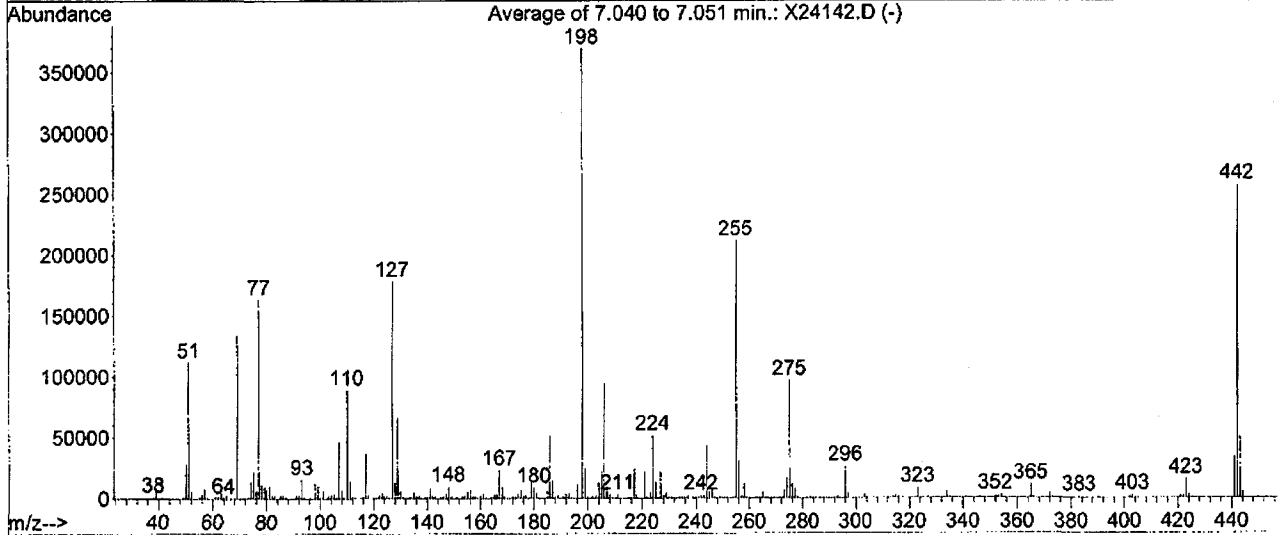
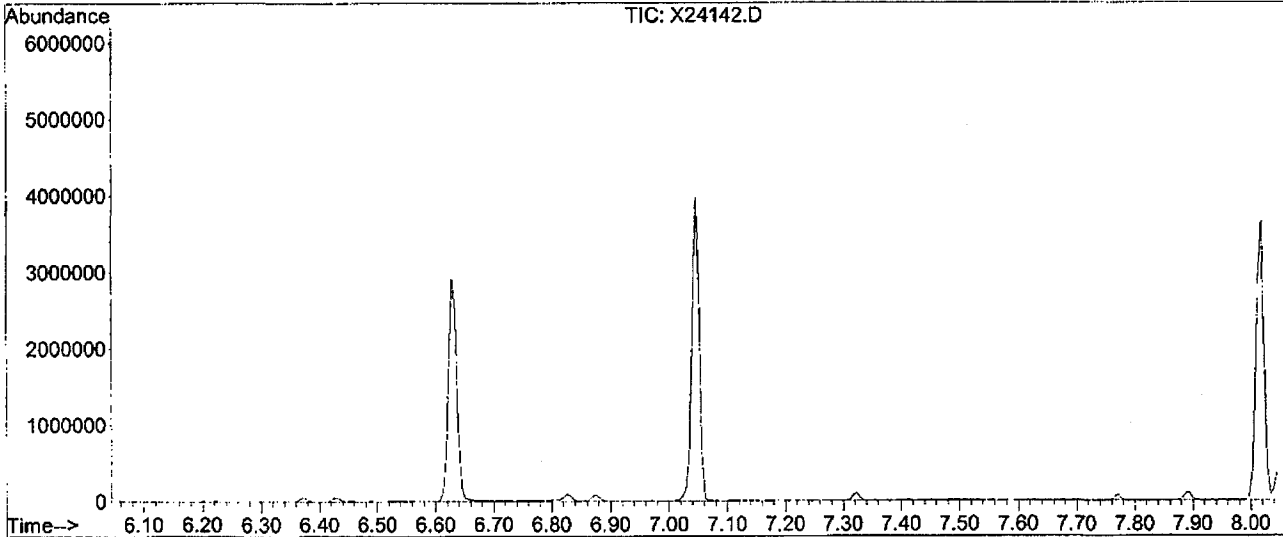
DFTPP Tune Evaluation

Data File : D:\DATA\060308\X24142.D
 Acq On : 3 Jun 2008 7:35
 Sample : DFTPP 50NG
 Misc : SC33-11Q
 MS Integration Params: rteint.p

Vial: 1
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis

T-1544
 I-0399



Peak Apex is scan: 742 (7.05 min)
 Average of 3 scans: 741,742,743 minus background scan 722 (6.94 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result
51	198	30	60	30.2	111754	PASS
68	69	0	2	1.0	1282	PASS
69	198	0	100	36.3	134485	PASS
70	69	0	2	0.6	865	PASS
127	198	40	60	48.1	178133	PASS
197	198	0	1	0.1	444	PASS
198	198	100	100	100.0	370453	PASS
199	198	5	9	6.8	25058	PASS
275	198	10	30	26.0	96354	PASS
365	198	1	100	3.0	10969	PASS
441	198	0	100	9.2	34093	PASS
442	198	39	110	69.4	257029	PASS
443	442	17	23	19.3	49640	PASS

Average of 7.040 to 7.051 min.: X24142.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	9240	76.05	6618	92.05	2513	111.10	13553
50.10	28264	77.10	163466	93.10	15809	116.00	2350
51.10	111754	78.10	11483	98.10	13005	117.05	37410
52.10	5729	79.10	10025	99.10	10471	118.05	2856
56.10	3279	80.10	7573	101.10	6287	122.05	3450
57.10	8266	81.10	10475	103.10	2245	123.05	4936
63.10	5187	82.10	2819	104.05	3681	124.00	2322
65.10	2826	83.10	2888	105.10	3781	125.00	2163
69.10	134485	85.05	2555	107.05	45984	127.05	178133
74.10	13663	86.10	3136	108.05	7436	128.00	12942
75.10	21780	91.05	2571	110.00	89240	129.00	66328

Average of 7.040 to 7.051 min.: X24142.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
130.00	5984	153.05	2807	174.00	3845	192.00	4130
134.00	1902	154.00	2356	175.05	7306	193.05	4963
135.05	5593	155.05	5029	176.05	2323	196.00	11669
136.05	2159	156.05	7383	177.00	3124	198.00	370453
137.00	2719	160.05	2691	179.00	12909	199.00	25058
141.05	8405	161.05	4111	180.05	8940	200.00	2077
142.05	2769	165.00	3573	181.05	4321	203.00	2534
143.00	1871	166.00	3253	185.00	5923	204.00	12978
147.05	4588	167.00	23269	186.00	51442	205.00	22337
148.00	9843	168.05	9850	187.00	14438	206.00	94744
149.10	2026	173.05	2112	189.00	3218	207.05	12886

Average of 7.040 to 7.051 min.: X24142.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
208.00	3292	229.00	4806	258.00	12048	303.10	3084
211.05	3333	231.00	1983	259.00	1934	315.05	2954
217.00	24506	237.00	1960	265.00	5058	323.10	8396
218.00	3077	242.00	2788	273.00	6103	334.00	5181
221.00	22040	243.00	2706	274.00	16905	352.00	2639
221.75	2186	244.00	43341	275.00	96354	353.05	1930
223.00	4833	245.00	5756	276.00	12476	354.10	2801
224.00	51848	246.05	8279	277.00	8085	365.00	10969
225.05	13288	255.00	211413	293.00	1871	372.05	4334
227.00	21601	256.00	30824	296.00	26042	403.00	2398
228.00	2926	257.05	2118	297.00	3918	421.00	2115

Average of 7.040 to 7.051 min.: X24142.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
422.00	1936						
423.00	15296						
424.05	3094						
441.00	34093						
442.05	257029						
443.00	49640						
444.00	5006						

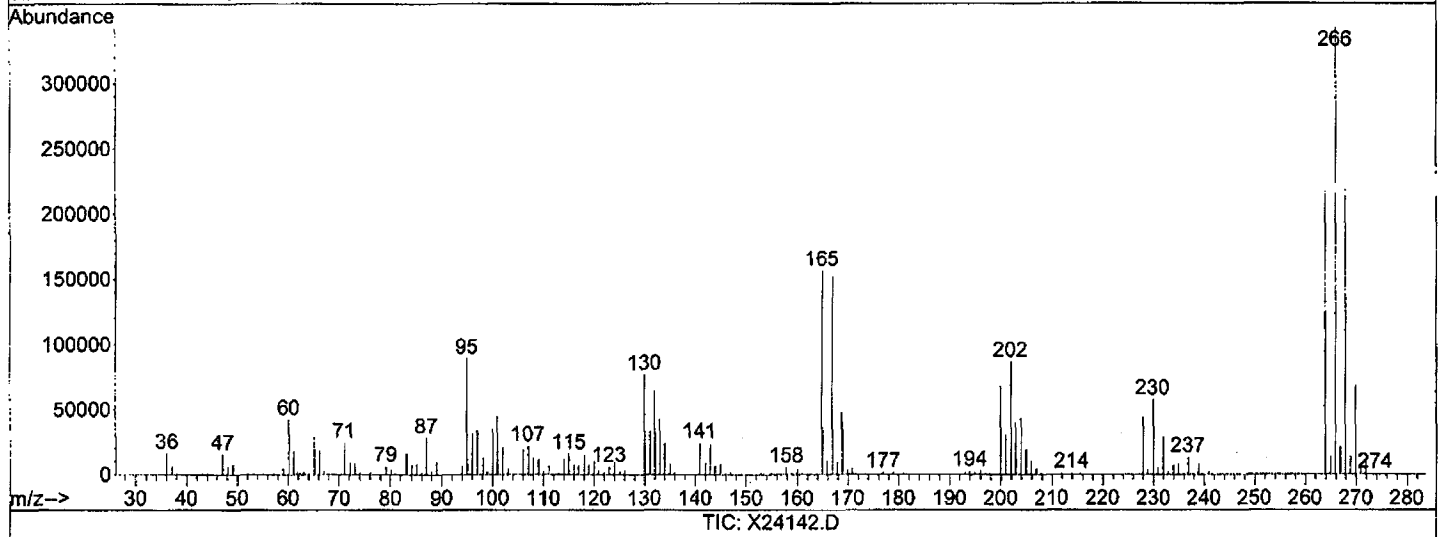
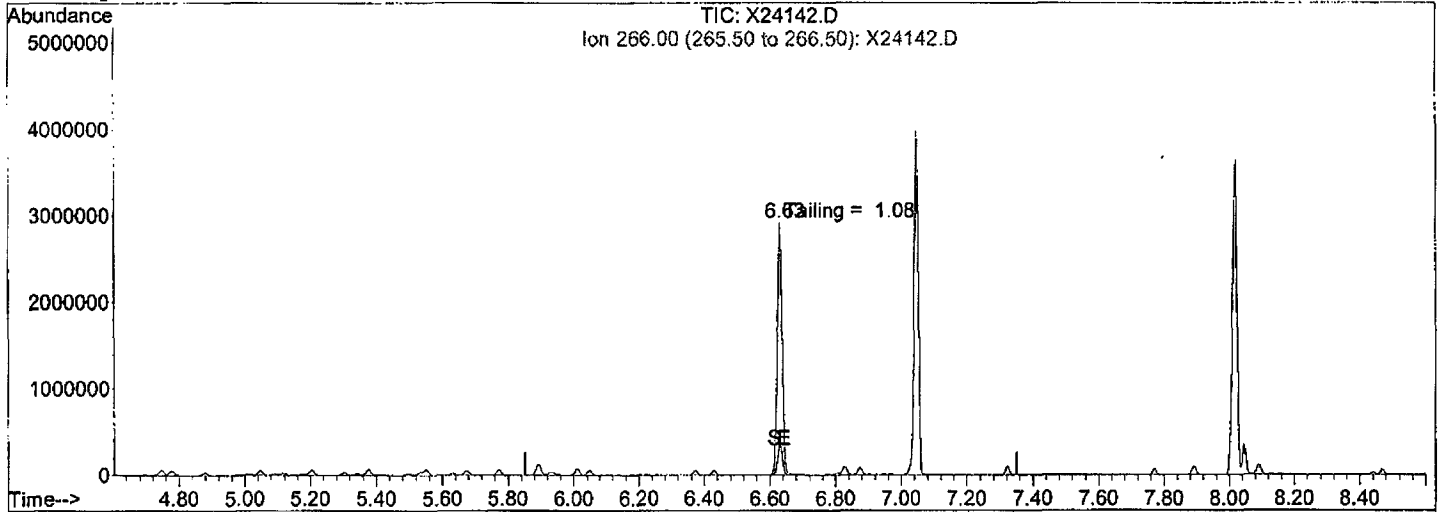
EasyID Report

Data File : D:\DATA\060308\X24142.D
 Acq On : 3 Jun 2008 7:35
 Sample : DFTPP 50NG
 Misc : SC33-11Q
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Thu May 22 06:10:36 2008
 Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.60min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	1013.00	11.72
0.00	0.00	0.00
0.00	0.00	0.00

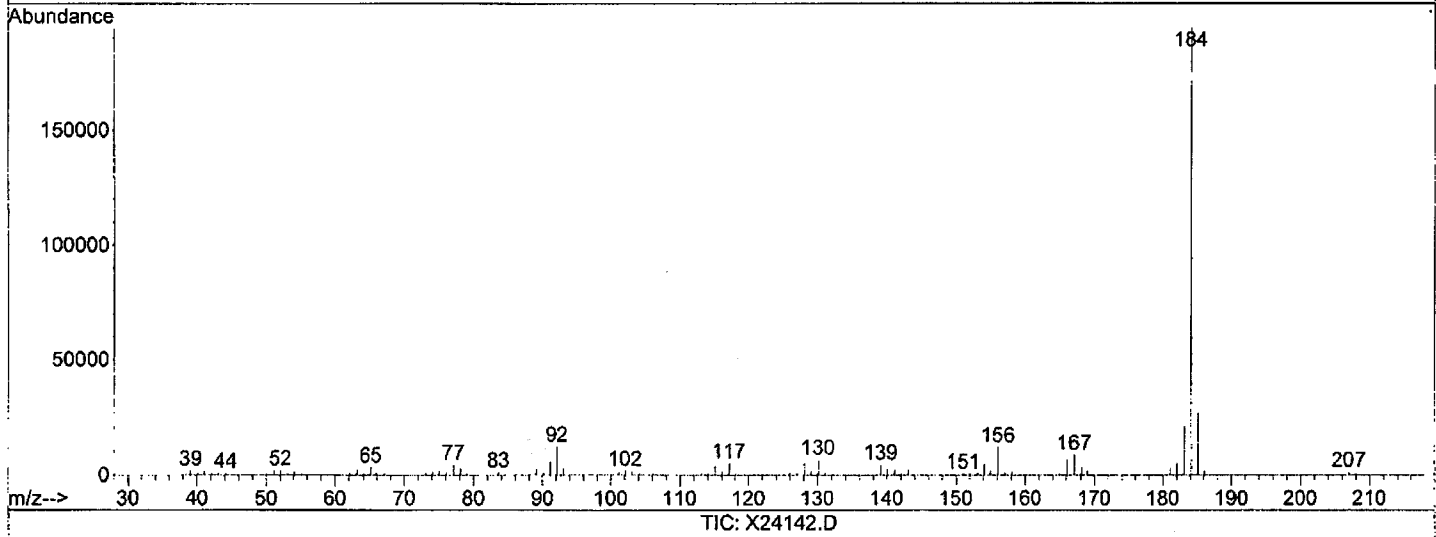
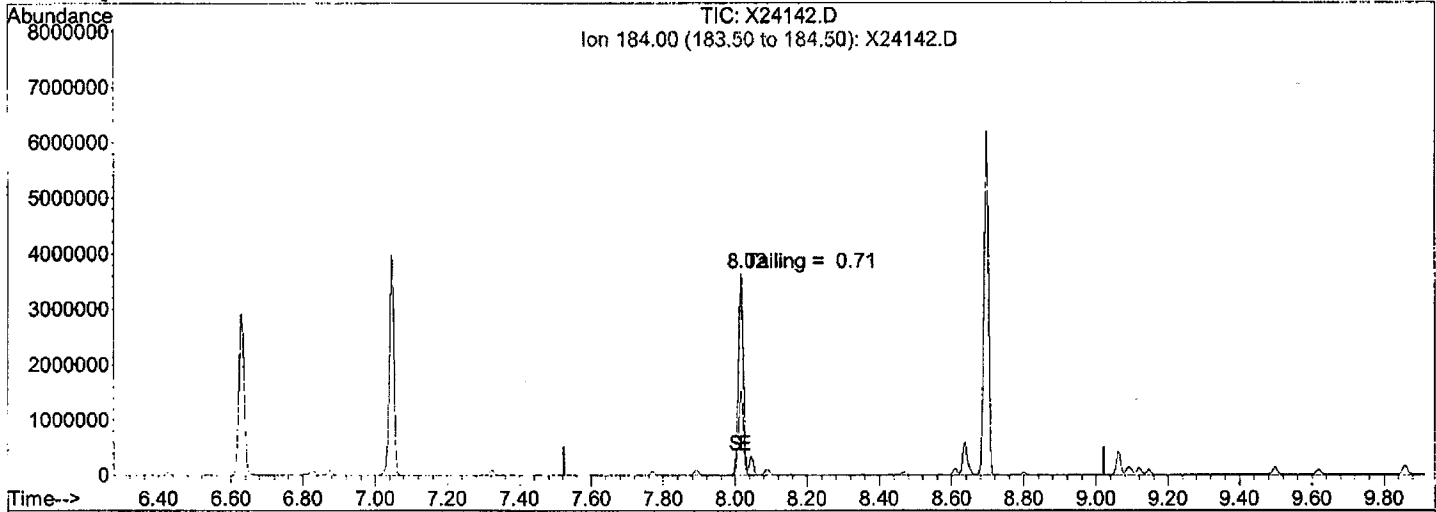
EasyID Report

Data File : D:\DATA\060308\X24142.D
 Acq On : 3 Jun 2008 7:35
 Sample : DFTPP 50NG
 Misc : SC33-11Q
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Thu May 22 06:10:36 2008
 Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.27min

response 0

Signal	Exp%	Act%
TIC	100	100
184.00	2092.20	2238.23
0.00	0.00	0.00
0.00	0.00	0.00

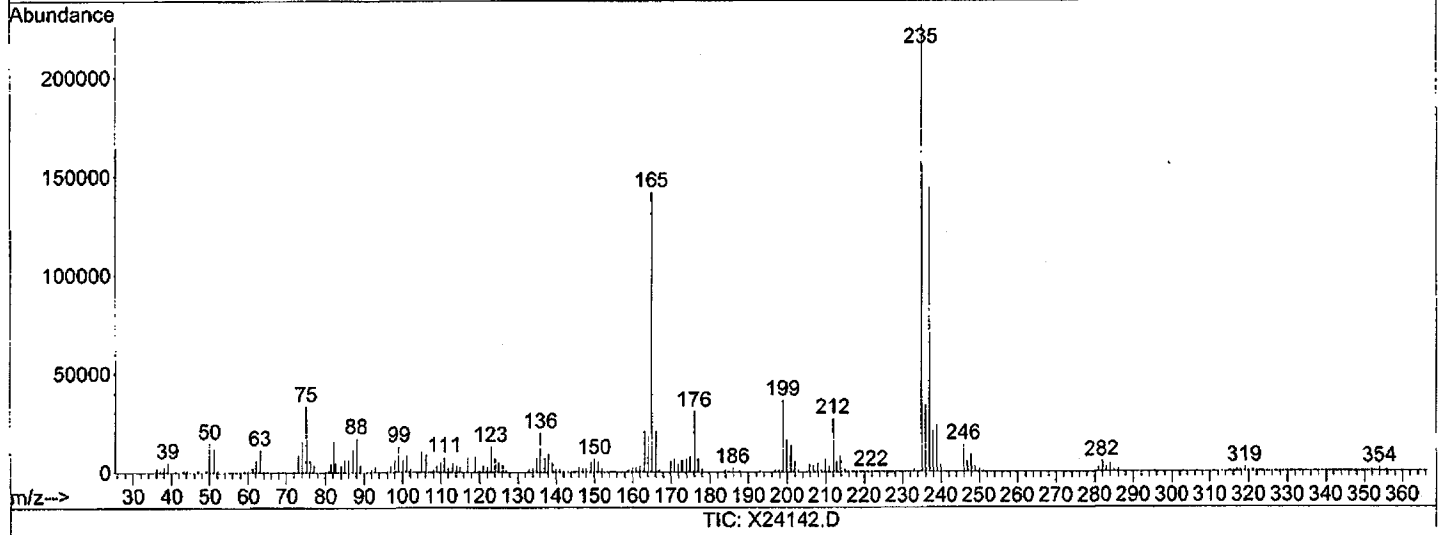
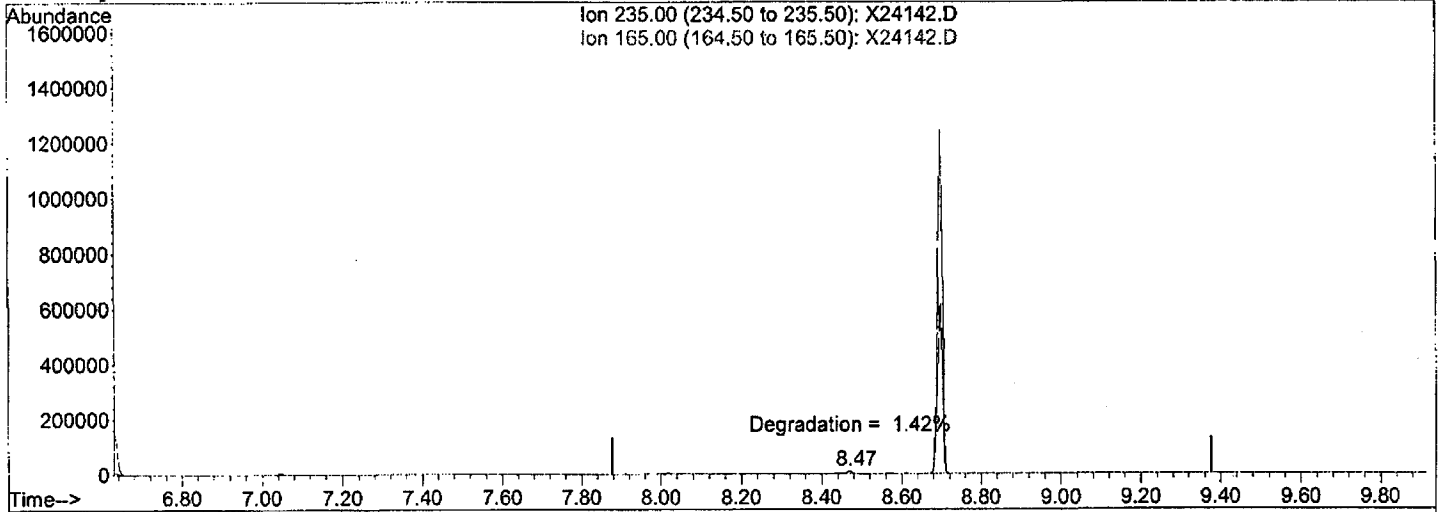
EasyID Report

Data File : D:\DATA\060308\X24142.D
 Acq On : 3 Jun 2008 7:35
 Sample : DFTPP 50NG
 Misc : SC33-11Q
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: MD
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Thu May 22 06:10:36 2008
 Response via : Initial Calibration



(3) 4-DDT

Exp R.T. 8.63min

response 0

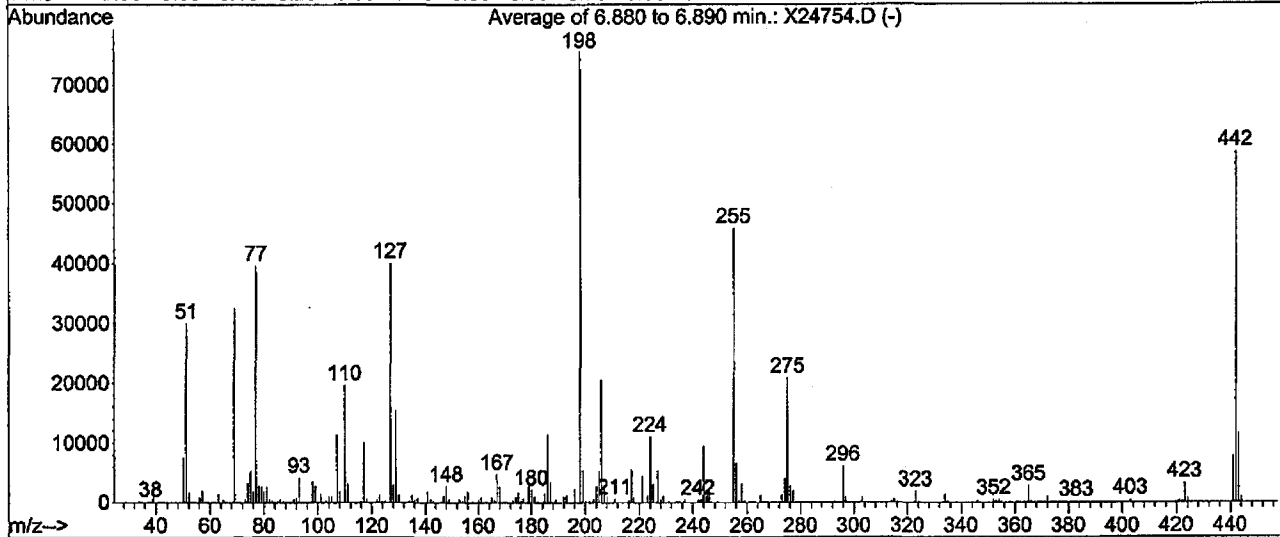
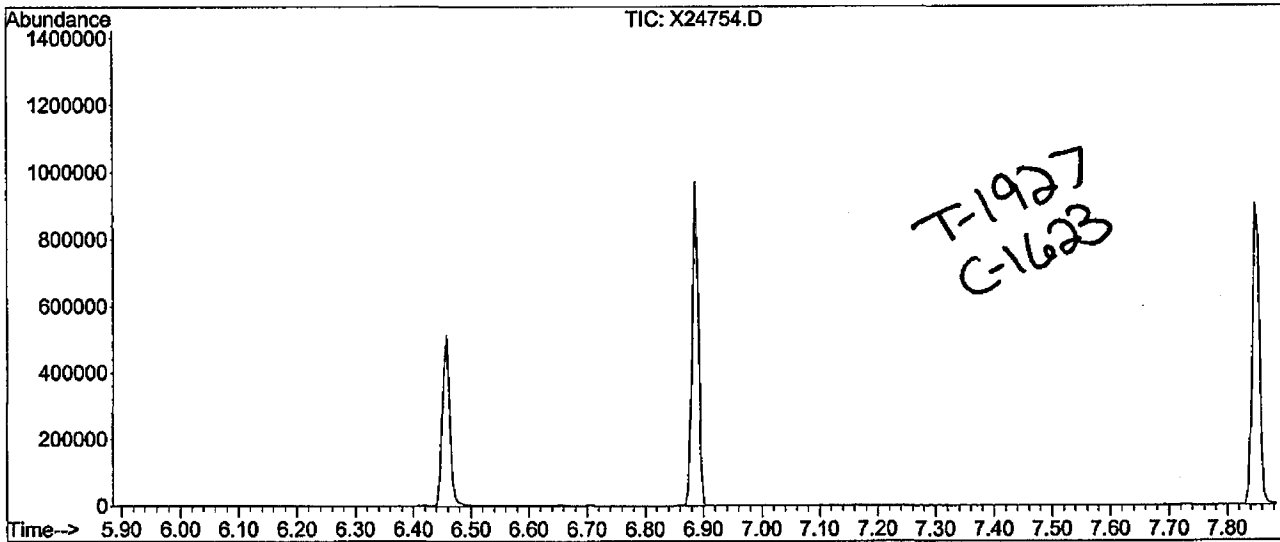
Ion	Exp%	Act%
235.00	100	100
165.00	57.50	62.61
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\070108\X24754.D
 Acq On : 1 Jul 2008 8:44
 Sample : DFTPP 50NG
 Misc : SC33-12G
 MS Integration Params: rteint.p

Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis



Peak Apex is scan: 712 (6.88 min)
 Average of 3 scans: 711,712,713 minus background scan 692 (6.78 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
51	198	30	60	39.7	29989	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	43.0	32472	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	53.0	40056	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	75565	PASS
199	198	5	9	7.1	5378	PASS
275	198	10	30	27.6	20879	PASS
365	198	1	100	3.7	2826	PASS
441	198	0	100	10.3	7766	PASS
442	198	39	110	77.7	58745	PASS
443	442	17	23	19.8	11636	PASS

Average of 6.880 to 6.890 min.: X24754.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	2621	75.10	5355	92.05	779	111.05	3192
50.10	7532	76.00	1880	93.00	4204	117.05	10201
51.10	29989	77.10	39658	98.05	3612	118.10	642
52.10	1676	78.10	2903	99.00	2774	122.10	547
56.05	902	79.10	2678	101.00	1489	123.00	1352
57.10	2096	80.05	1918	103.05	416	125.05	447
63.10	1401	81.05	2658	104.00	933	127.00	40056
65.10	459	82.05	502	105.05	965	128.00	3036
69.05	32472	83.10	389	107.05	11531	129.00	15495
73.10	622	86.05	525	108.05	1898	130.00	1268
74.10	3319	91.05	675	110.00	19748	135.00	1339

Average of 6.880 to 6.890 min.: X24754.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.05	433	161.00	924	181.05	1036	204.00	2814
137.05	730	164.95	848	184.95	1450	205.00	5241
Ave141.00	1958	166.00	453	186.05	11506	206.05	20640
142.05	557	167.00	4779	187.05	3362	207.05	3021
Mod147.05	1148	168.05	2618	189.05	552	208.05	939
148.00	2835	173.00	478	192.00	1048	211.00	669
149.05	706	174.05	988	193.00	1284	216.05	498
152.95	579	175.05	1732	195.95	2205	217.00	5519
155.00	1055	177.00	674	198.00	75565	217.95	831
156.05	1907	179.00	2876	198.95	5378	221.05	4471
160.00	522	180.05	2191	203.00	569	223.00	1130

Average of 6.880 to 6.890 min.: X24754.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
224.05	11094	255.00	45826	296.00	6127	421.00	415
225.05	3160	256.00	6616	297.00	906	423.05	3282
Ave227.00	5396	256.95	434	303.00	771	424.10	736
228.00	582	258.00	3093	314.95	646	441.00	7766
Mod228.95	1049	259.05	381	323.05	1893	442.00	58745
237.00	396	265.00	1286	334.00	1350	443.05	11636
242.00	496	273.00	1421	352.10	512	444.05	1043
243.00	550	274.00	4114	354.00	543		
244.00	9516	275.00	20879	365.00	2826		
245.00	1177	276.05	2733	372.00	899		
246.00	2100	277.00	1972	403.00	514		

Average
DFTPP
Modified

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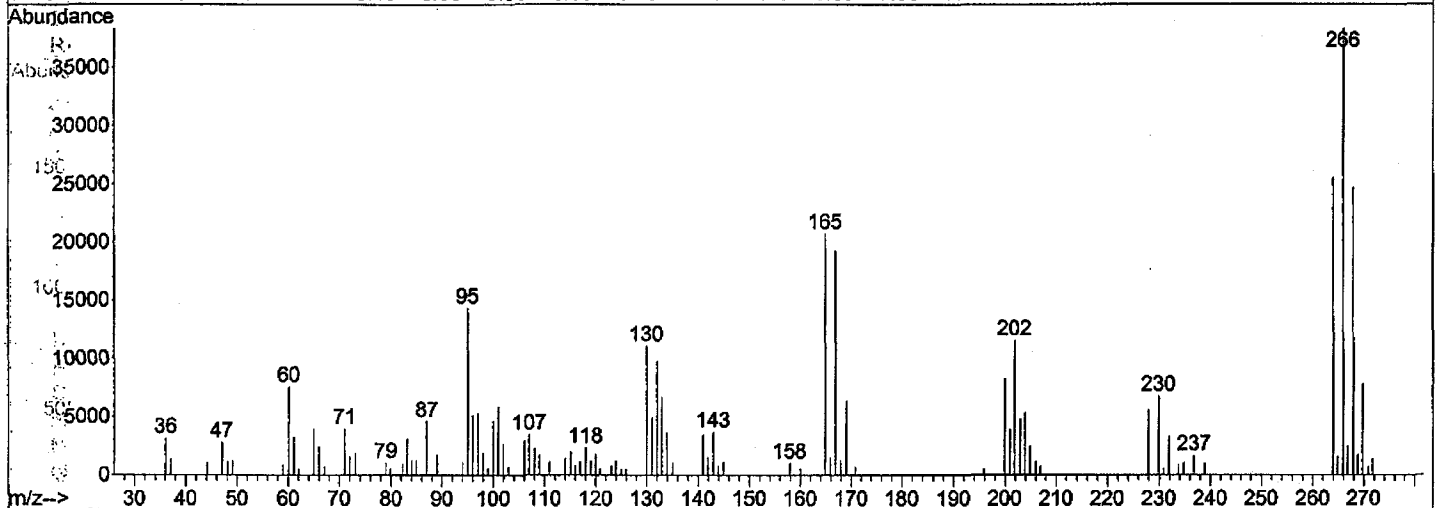
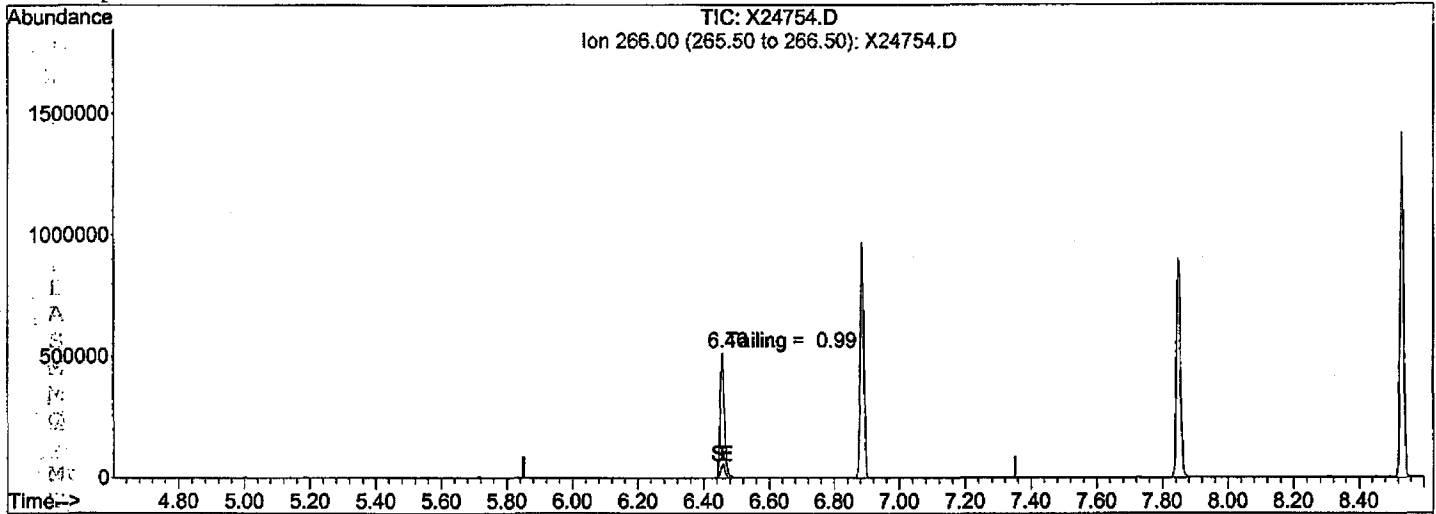
EasyID Report

Data File : D:\DATA\070108\X24754.D
 Acq On : 1 Jul 2008 8:44
 Sample : DFPP 50NG
 Misc : SC33-12G
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Thu May 22 06:10:36 2008
 Response via : Initial Calibration



Time	Abund	Signal	Exp%	Act%
(1) Pentachlorophenol				
Exp R.T. 6.60min				
response 0				
		TIC	100	100
	266.00		1013.00	1240.79
	0.00		0.00	0.00
	0.00		0.00	0.00

EasyID Report

Data File : D:\DATA\070108\X24754.D
 Acq On : 1 Jul 2008 8:44
 Sample : DFTPP 50NG
 Misc : SC33-12G

Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: NA

Quant Time: No Quant Results

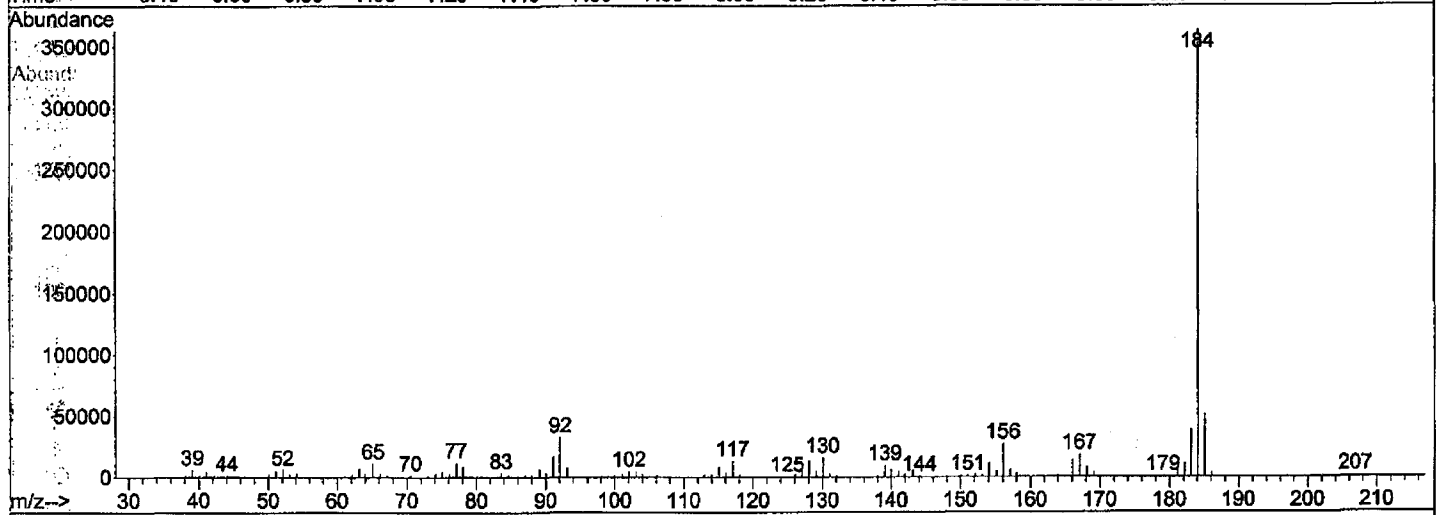
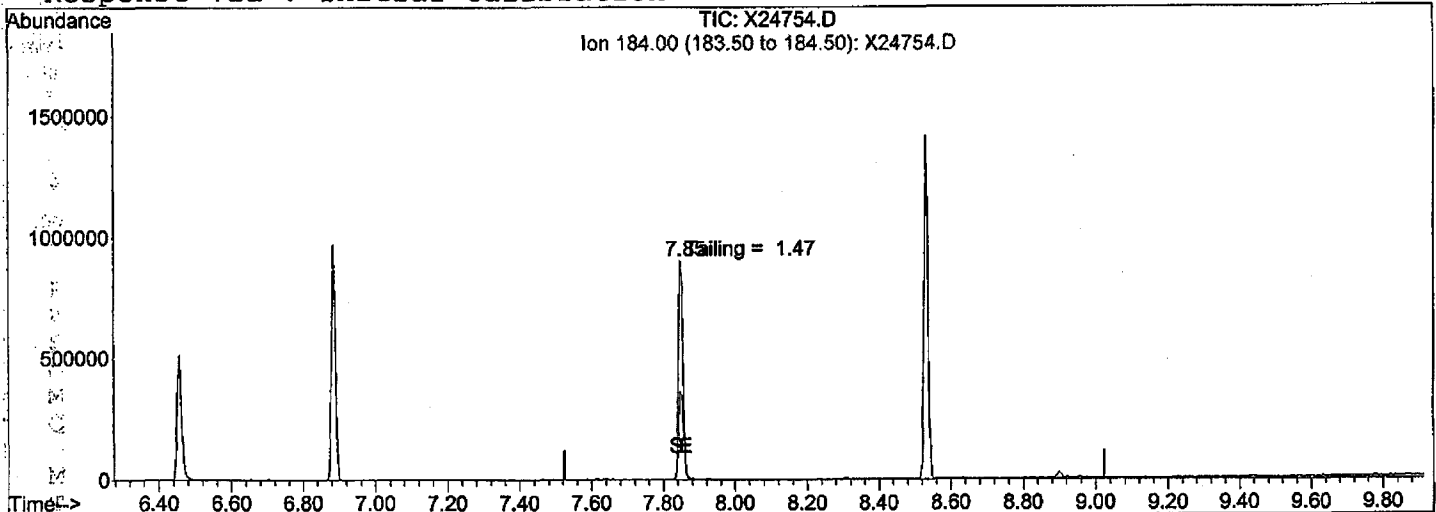
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)

Title : Tune Analysis

Last Update : Thu May 22 06:10:36 2008

Response via : Initial Calibration



TIC: X24754.D

Time	Abundance	Signal	Exp%	Act%
(2) Benzidine				
Exp R.T. 8.27min				
response 0				
TIC	100	100		
184.00	2092.20	5629.74		
0.00	0.00	0.00		
10.00	0.00	0.00		

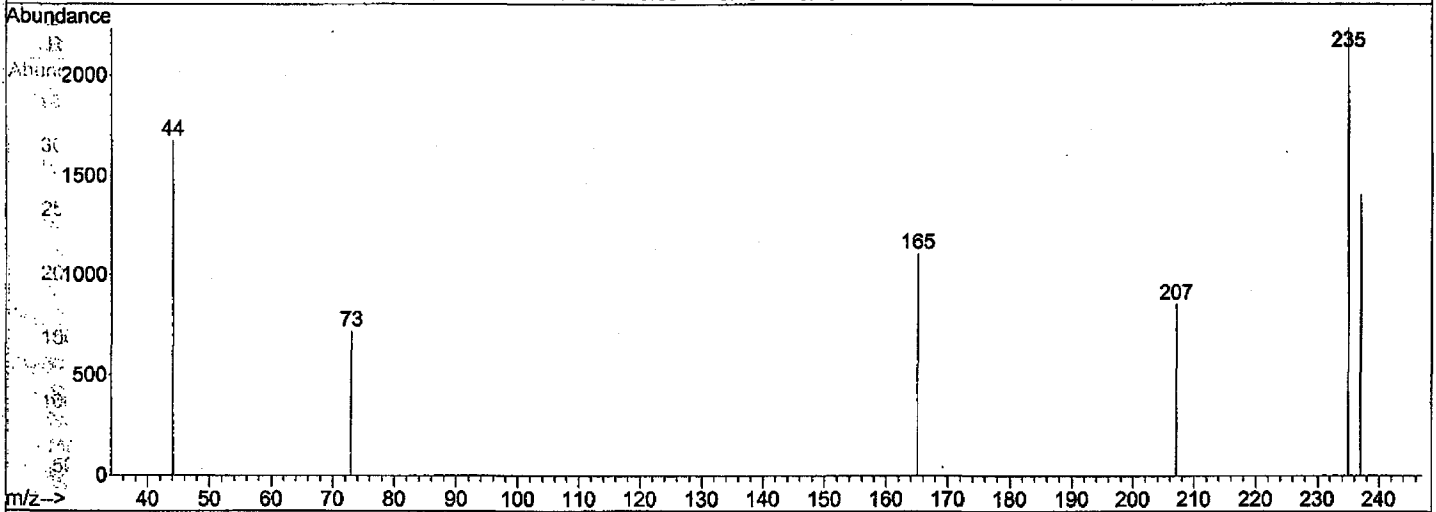
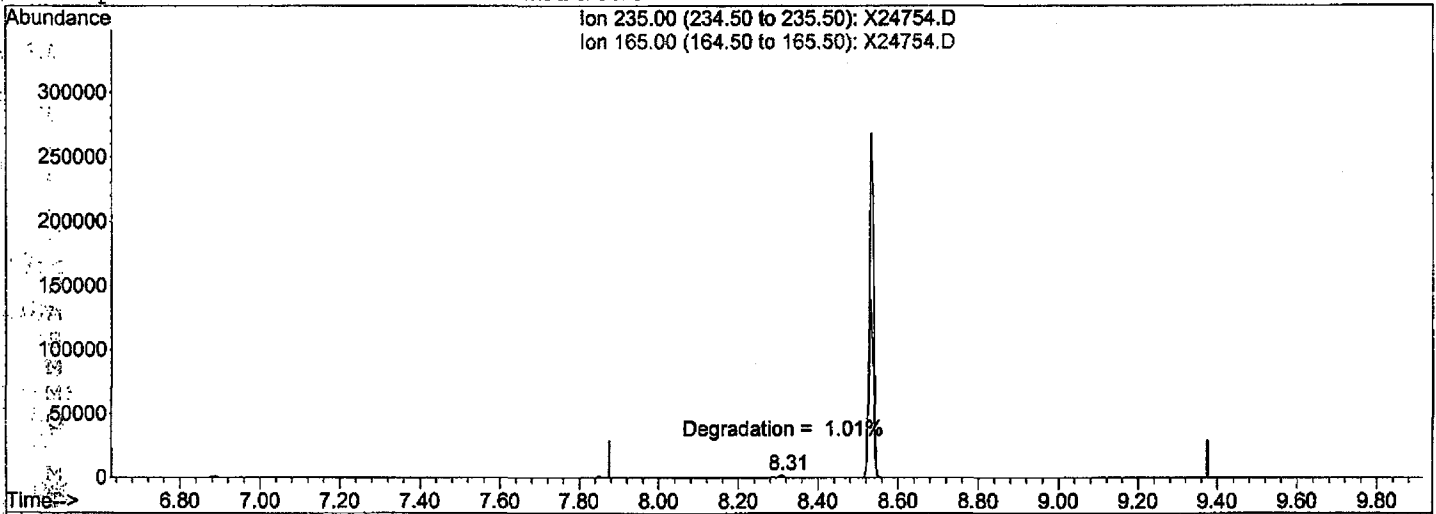
EasyID Report

Data File : D:\DATA\070108\X24754.D
 Acq On : 1 Jul 2008 8:44
 Sample : DFTPP 50NG
 Misc : SC33-12G
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Thu May 22 06:10:36 2008
 Response via : Initial Calibration



Time: (3) 4-DDT
 Abund: Exp R.T. 8.63min
 response 0

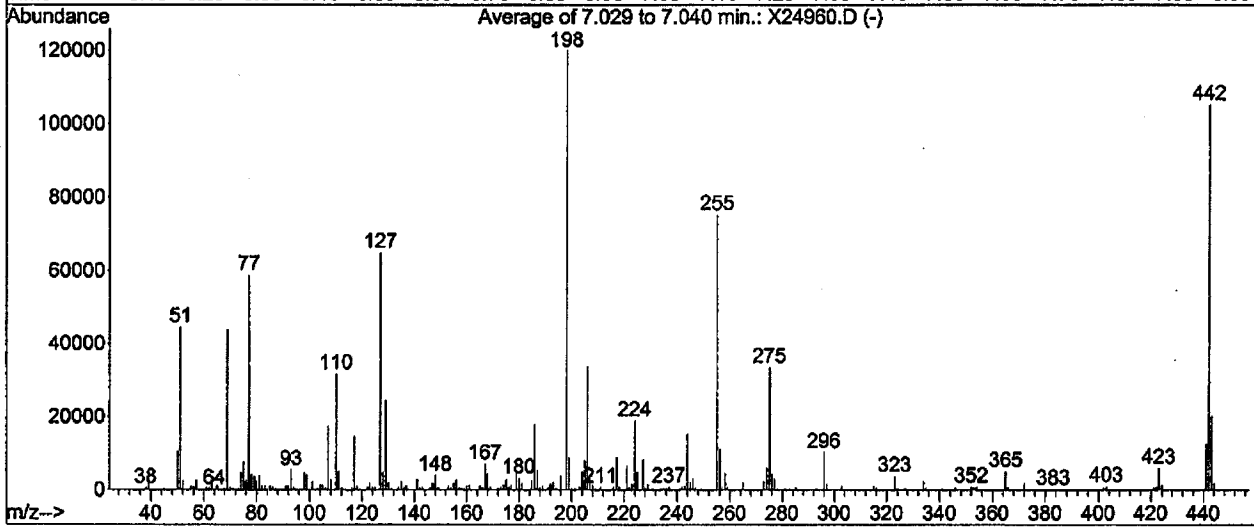
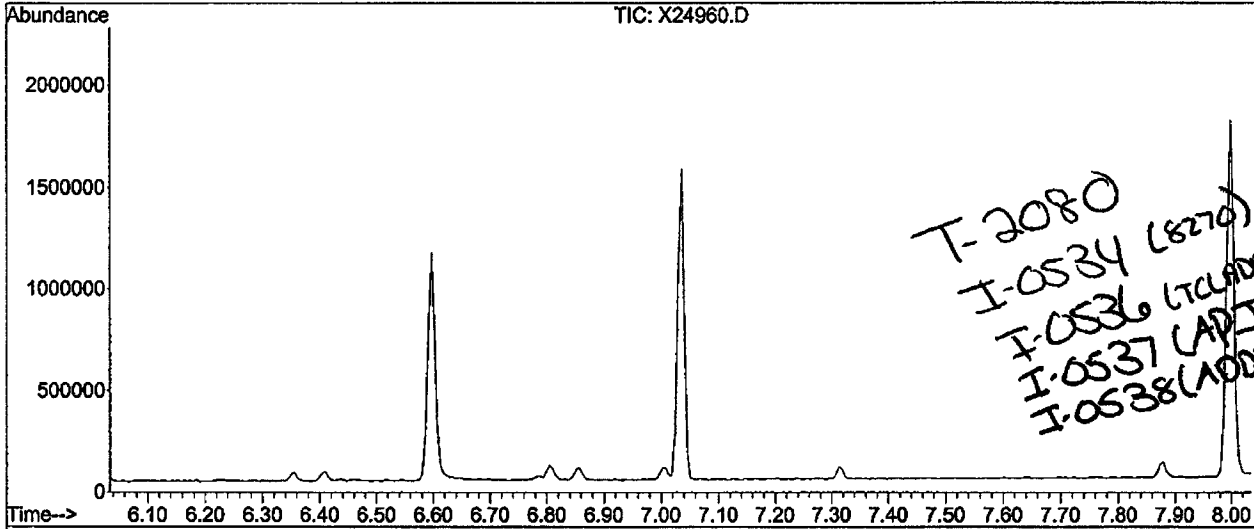
Ion	Exp%	Act%
235.00	100	100
165.00	57.50	49.62
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\071608\X24960.D
 Acq On : 16 Jul 2008 8:26
 Sample : DFTPP 50NG
 Misc : SC33-12G
 MS Integration Params: rteint.p

Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis



Peak Apex is scan: 740 (7.03 min)
 Average of 3 scans: 739,740,741 minus background scan 720 (6.93 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result Pass/Fail
51	198	30	60	37.1	44589	PASS
68	69	0	2	1.1	473	PASS
69	198	0	100	36.6	43962	PASS
70	69	0	2	1.4	597	PASS
127	198	40	60	54.1	64941	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	120098	PASS
199	198	5	9	7.4	8904	PASS
275	198	10	30	27.9	33533	PASS
365	198	1	100	4.2	5053	PASS
441	198	0	100	10.6	12714	PASS
442	198	39	110	87.6	105224	PASS
443	442	17	23	19.2	20200	PASS

Average of 7.029 to 7.040 min.: X24960.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	2995	74.05	4756	86.05	952	108.05	2769
50.10	10578	75.10	7614	91.05	1109	110.00	31760
51.10	44589	76.10	2611	91.95	1292	111.00	5060
52.10	2547	77.05	58831	93.00	5489	112.00	615
55.10	1108	78.05	4171	98.00	4693	117.00	14653
56.00	977	79.05	3660	99.05	4105	118.00	1129
57.05	2650	80.05	2502	101.05	2316	122.00	1030
62.00	631	81.05	4041	104.05	1457	123.00	1783
63.10	1938	82.05	1193	105.00	1286	124.00	801
65.00	1295	83.05	1243	105.95	629	125.05	931
69.00	43962	85.00	1047	107.00	17278	127.00	64941

Average of 7.029 to 7.040 min.: X24960.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
128.00	4725	149.00	768	168.95	753	187.00	5348
129.00	24572	153.00	1089	173.00	719	189.00	1205
Ave130.05	2149	153.95	641	174.05	1404	190.95	705
DFT133.95	763	155.00	1776	175.00	2815	192.00	1791
Mod135.00	2302	156.00	2775	176.05	798	193.00	2257
135.95	847	160.00	989	177.00	1289	196.00	3959
137.00	1283	160.95	1359	179.00	4720	198.00	120098
141.00	2915	164.95	1254	180.00	3206	199.00	8904
142.95	860	166.00	716	181.00	1787	203.00	920
146.95	1844	167.00	7122	184.95	2592	204.00	4871
147.95	3978	168.00	4394	186.00	17927	205.00	8124

Average of 7.029 to 7.040 min.: X24960.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
206.00	33778	225.00	4818	256.00	11178	296.00	10256
207.00	4103	227.00	8307	257.00	845	297.00	1626
Ave208.05	1405	228.95	1793	258.00	4590	302.95	1122
DFT211.05	746	237.00	816	258.90	719	315.00	1190
Mod215.90	801	242.05	748	265.00	1999	323.05	3705
217.00	8964	242.95	996	273.00	2454	334.05	2230
218.05	897	244.00	15457	274.00	6108	345.95	706
221.00	6562	245.00	2052	275.00	33533	352.00	787
221.85	723	246.00	3151	276.00	4415	353.00	679
DFT222.90	1642	246.95	642	276.95	3197	354.05	876
224.00	18912	255.00	75280	285.05	670	365.00	5053

Average of 7.029 to 7.040 min.: X24960.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
366.00	749						
372.00	1778						
Ave403.00	939						
DFT421.00	623						
Mod421.95	802						
423.00	5965						
424.05	1329						
441.00	12714						
Ave442.00	105224						
DFT443.05	20200						
Mod444.05	1895						

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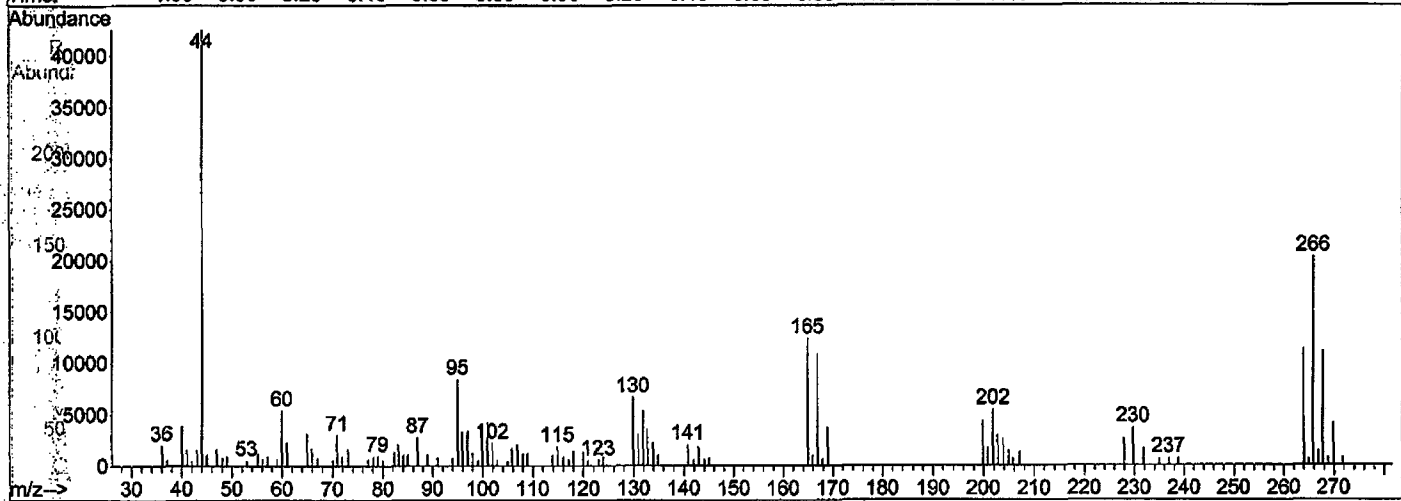
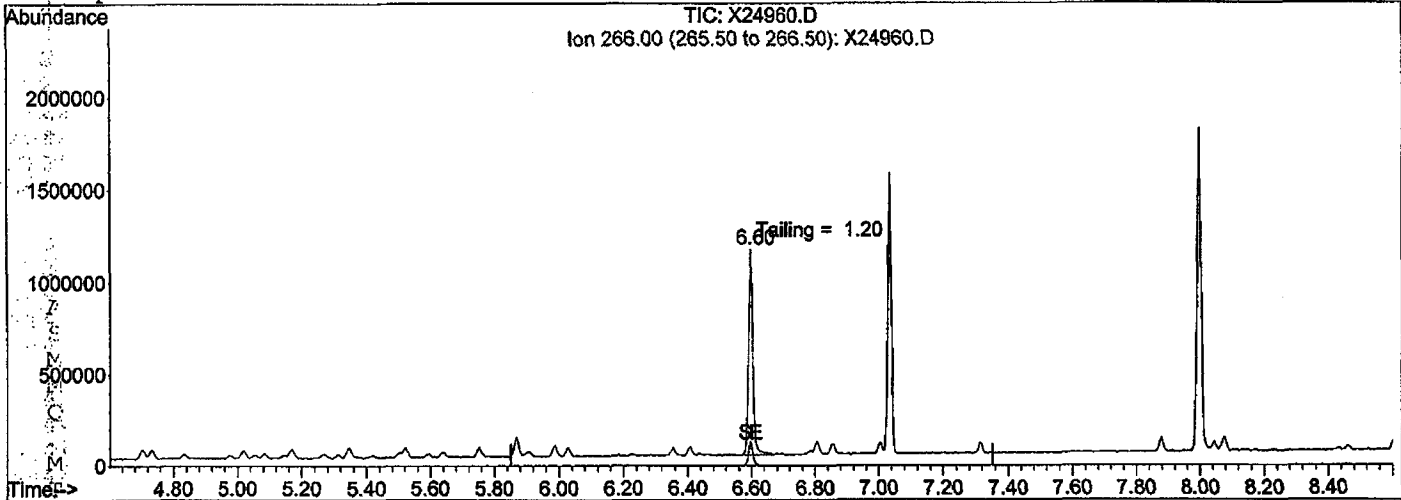
EasyID Report

Data File : D:\DATA\071608\X24960.D
 Acq On : 16 Jul 2008 8:26
 Sample : DFTPP 50NG
 Misc : SC33-12G
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Jul 15 08:41:46 2008
 Response via : Initial Calibration



TIC: X24960.D

Time	Abund	(1) Pentachlorophenol
4.0	40000	Exp R.T. 6.60min
3.5	35000	response 1080071
2.5	25000	Signal Exp% Act%
2.0	20000	TIC 100 100
1.5	15000	266.00 1013.00 1.81
1.0	10000	0.00 0.00 0.00
0.5	5000	0.00 0.00 0.00

m/z-->

EasyID Report

Data File : D:\DATA\071608\X24960.D
 Acq On : 16 Jul 2008 8:26
 Sample : DFTPP 50NG
 Misc : SC33-12G

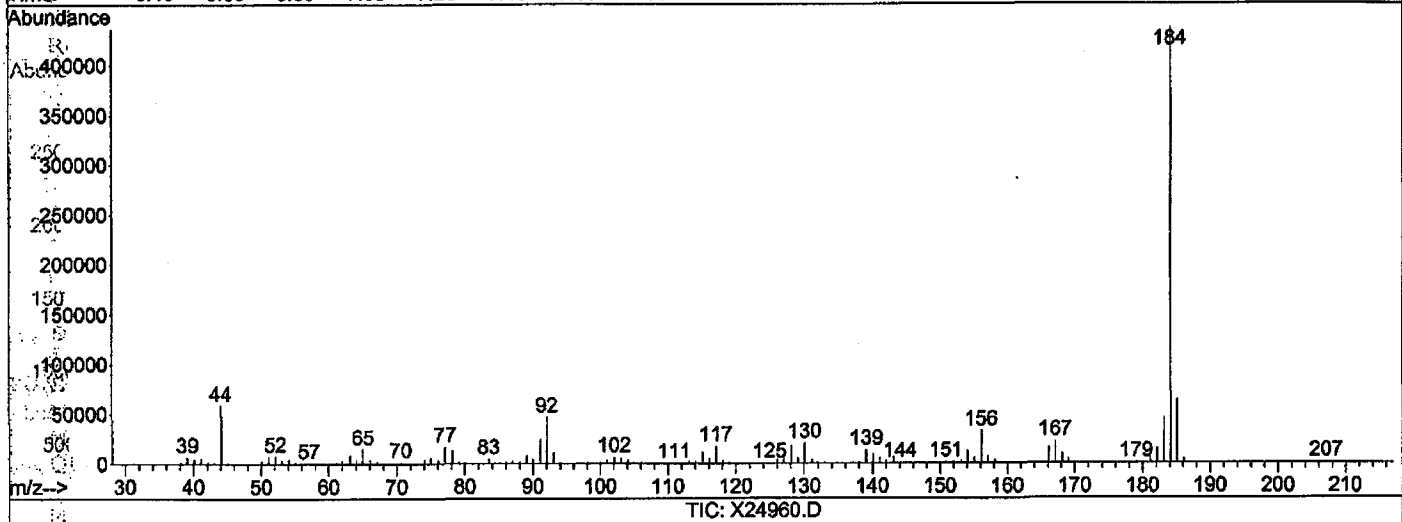
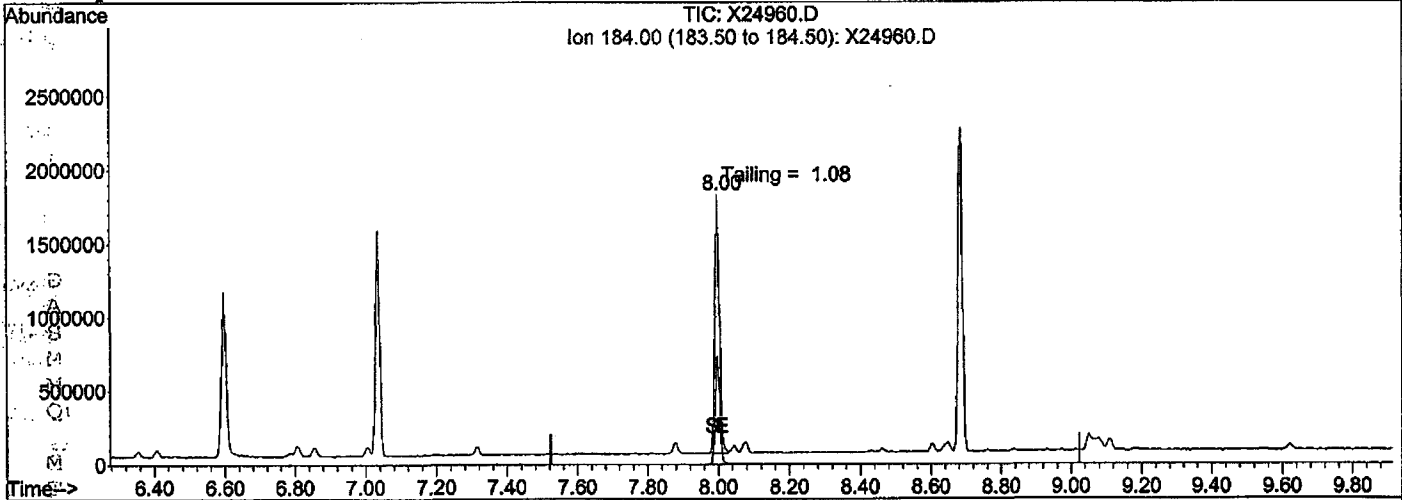
Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: NA

Quant Time: No Quant Results

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Jul 15 08:41:46 2008
 Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.27min

response 1580722

Signal	Exp%	Act%
TIC	100	100
184.00	2092.20	6838.34
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\071608\X24960.D
 Acq On : 16 Jul 2008 8:26
 Sample : DFTPP 50NG
 Misc : SC33-12G

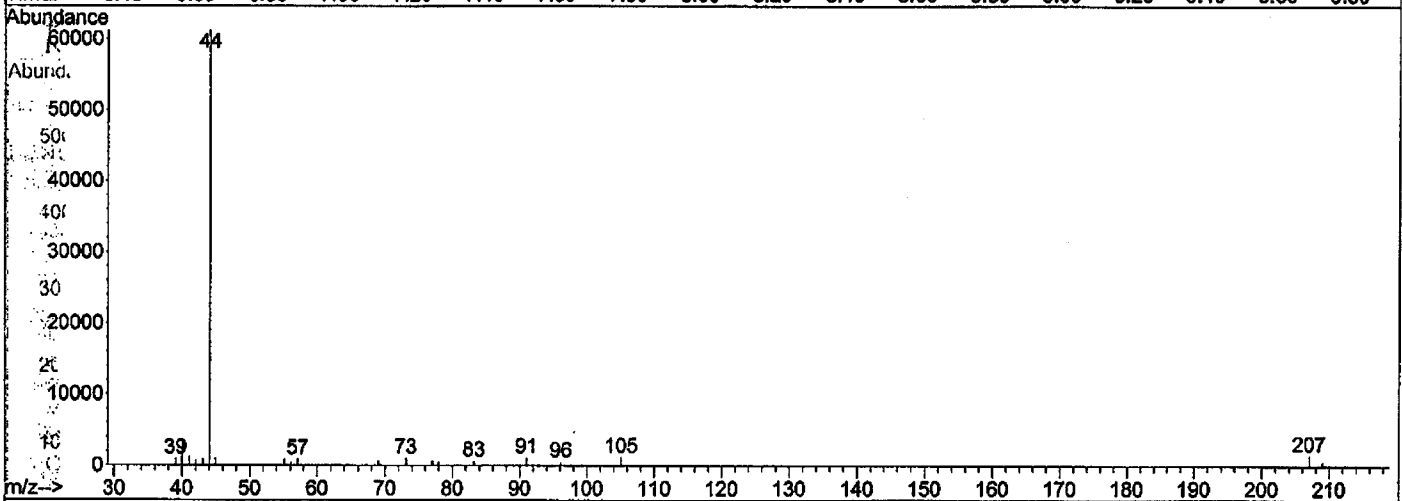
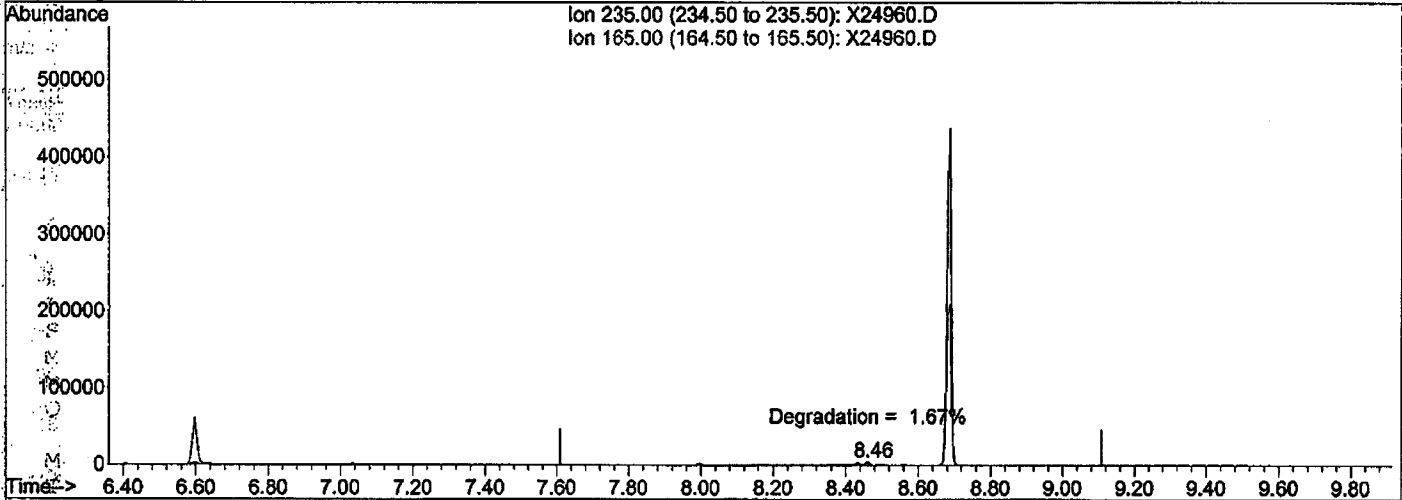
Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: NA

Quant Time: No Quant Results

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Jul 15 08:41:46 2008
 Response via : Initial Calibration



TIC: X24960.D

Time: (3) 4-DDT
 Abund: Exp R.T. 8.36min
 response 0

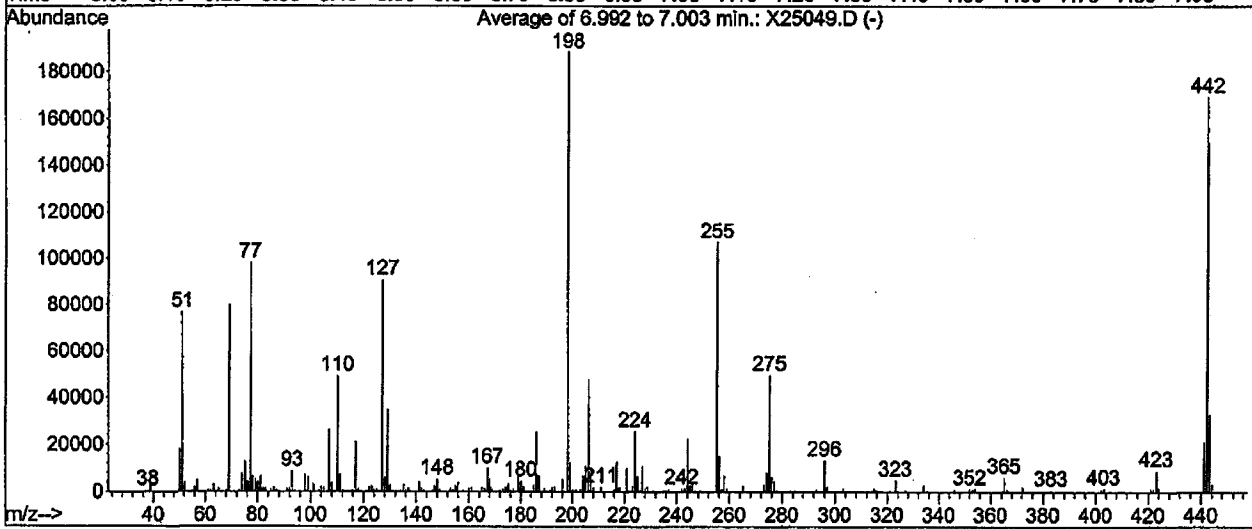
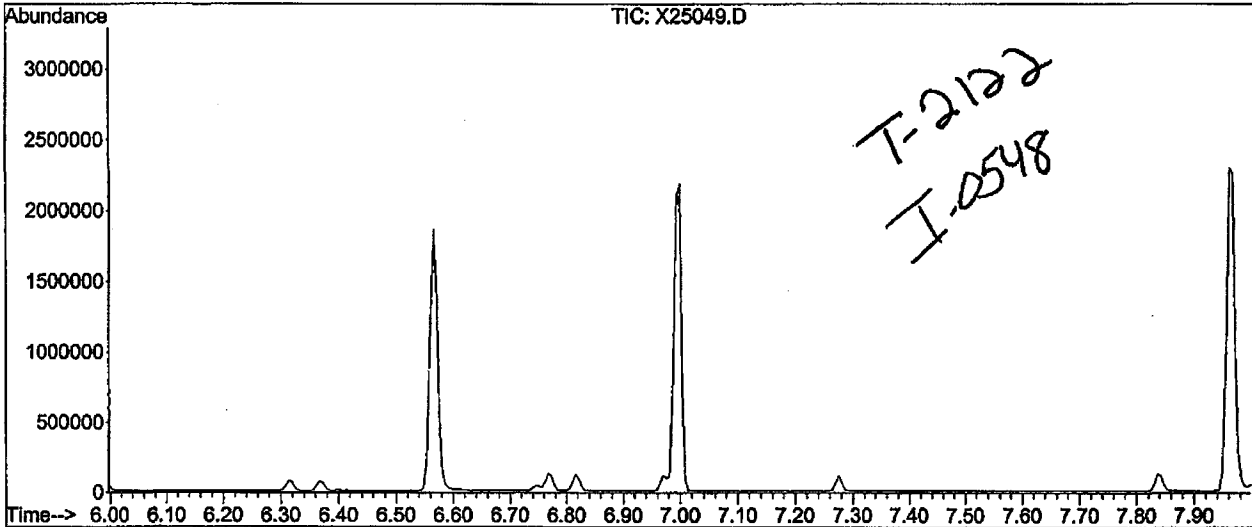
Ion	Exp%	Act%
235.00	100	0
165.00	6000.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\072108\X25049.D
 Acq On : 21 Jul 2008 8:41
 Sample : DFTPP 50NG
 Misc : SC33-12G
 MS Integration Params: rteint.p

Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis



Peak Apex is scan: 733 (7.00 min)
 Average of 3 scans: 732,733,734 minus background scan 713 (6.89 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result
51	198	30	60	40.7	76869	PASS
68	69	0	2	0.8	663	PASS
69	198	0	100	42.3	79901	PASS
70	69	0	2	0.2	178	PASS
127	198	40	60	48.1	90874	PASS
197	198	0	1	0.3	528	PASS
198	198	100	100	100.0	188741	PASS
199	198	5	9	6.7	12645	PASS
275	198	10	30	26.3	49626	PASS
365	198	1	100	3.2	6078	PASS
441	198	0	100	11.2	21045	PASS
442	198	39	110	89.7	169301	PASS
443	442	17	23	19.3	32685	PASS

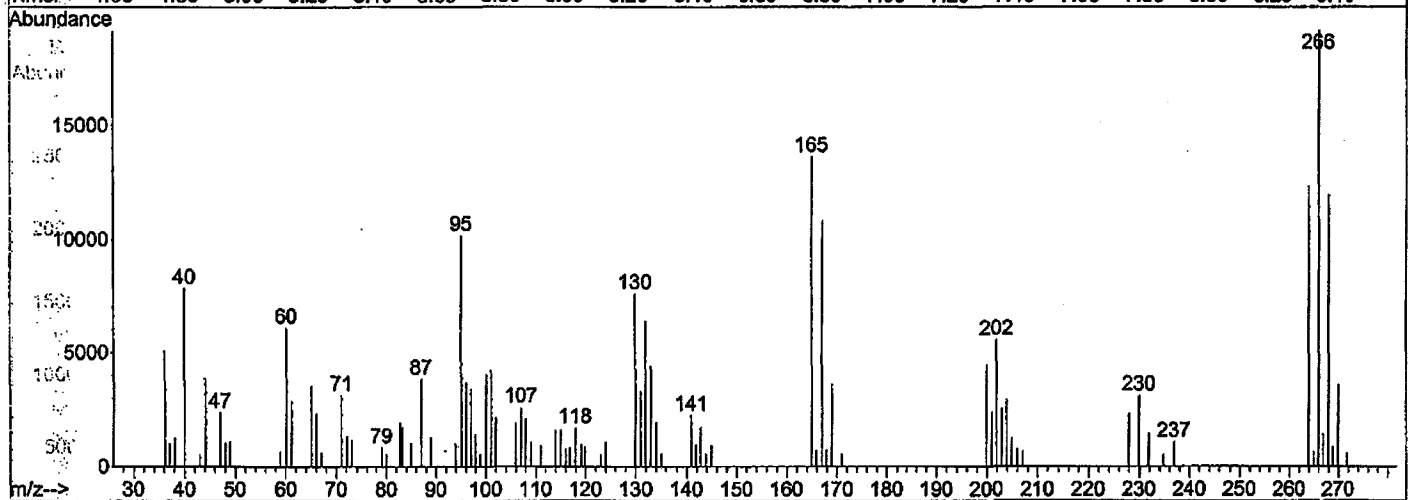
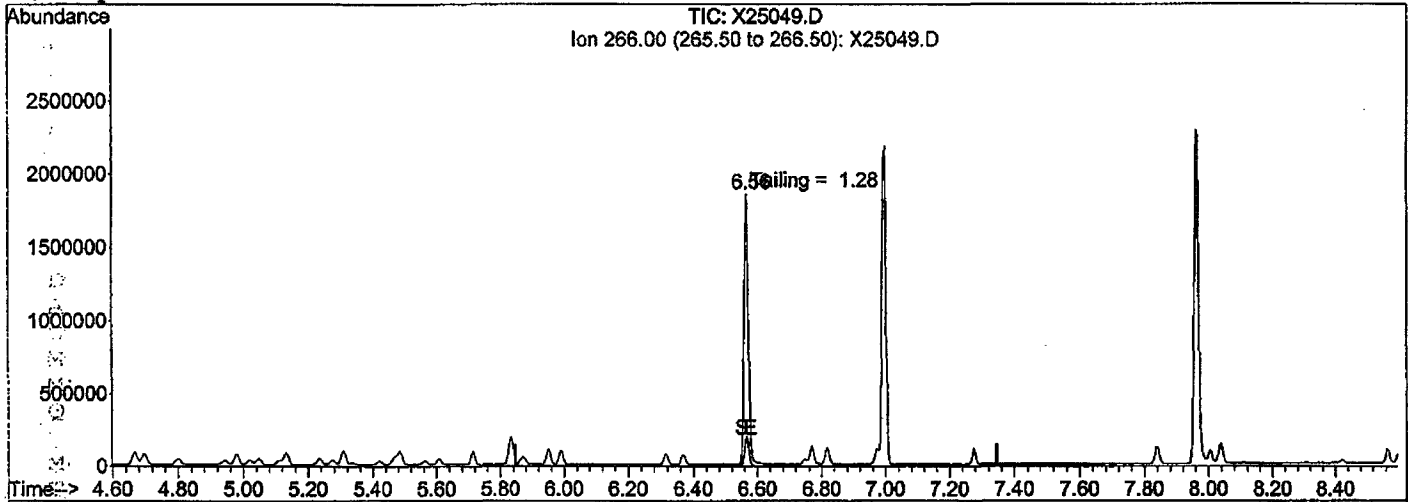
EasyID Report

Data File : D:\DATA\072108\X25049.D
 Acq On : 21 Jul 2008 8:41
 Sample : DFTPP 50NG
 Misc : SC33-12G
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Fri Jul 18 12:56:00 2008
 Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.60min

response 0

Signal	Exp%	Act%
--------	------	------

TIC	100	100
-----	-----	-----

266.00	1.80	1.04
--------	------	------

0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
------	------	------

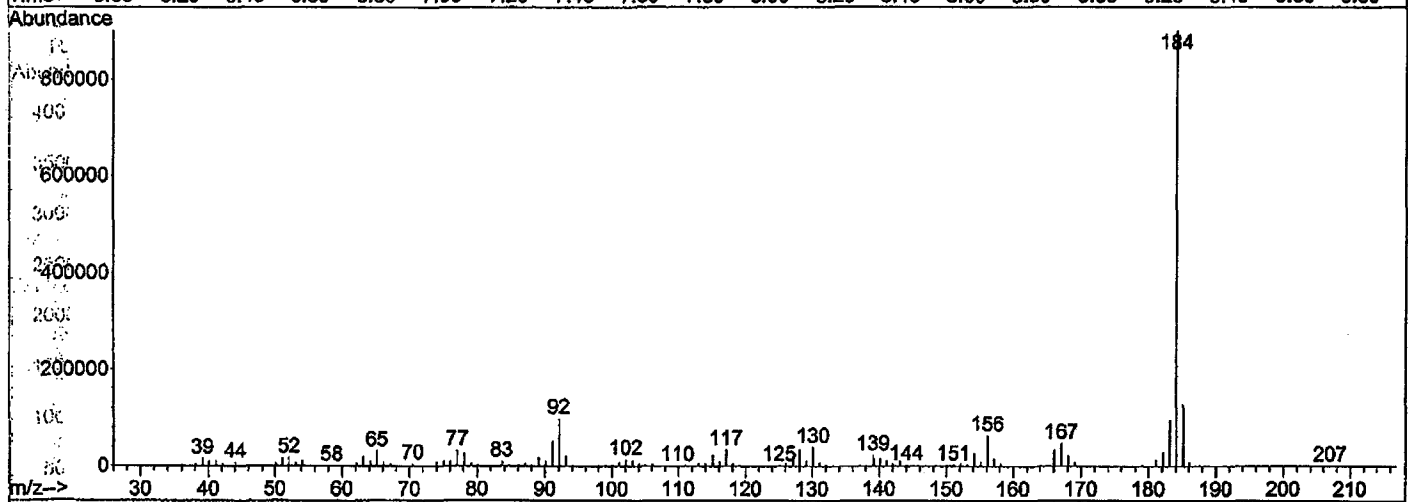
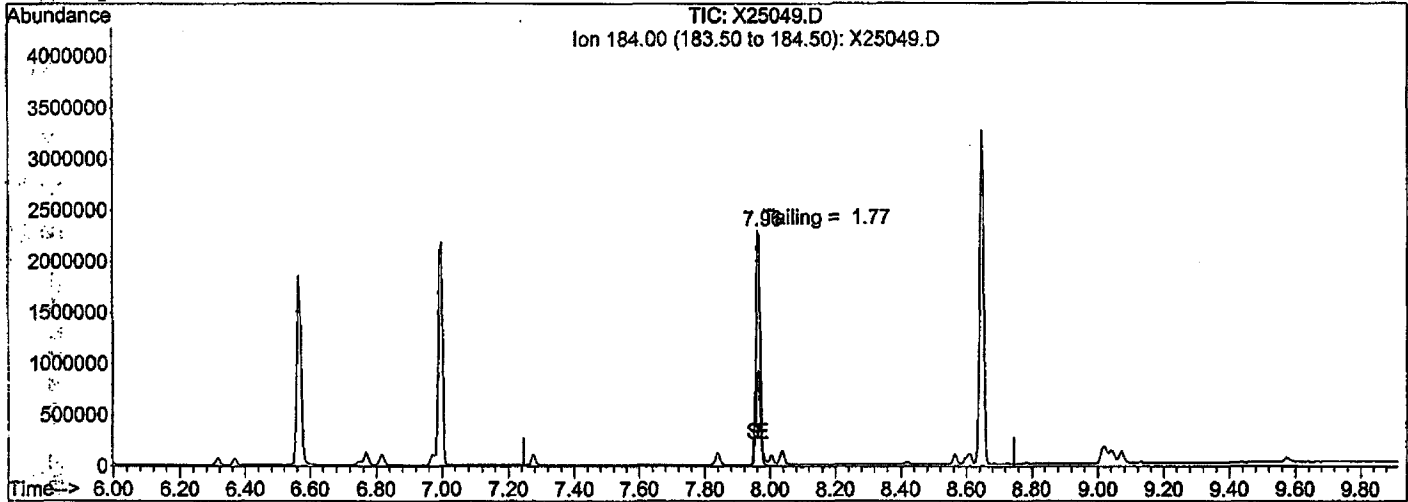
EasyID Report

Data File : D:\DATA\072108\X25049.D
 Acq On : 21 Jul 2008 8:41
 Sample : DFTPP 50NG
 Misc : SC33-12G
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Fri Jul 18 12:56:00 2008
 Response via : Initial Calibration



Time	Abundance	Signal	Exp%	Act%
(2) Benzidine				
Exp R.T. 8.00min				
response 0				
		TIC	100	100
	184.00		6000.00	39.39
	0.00		0.00	0.00
	0.00		0.00	0.00

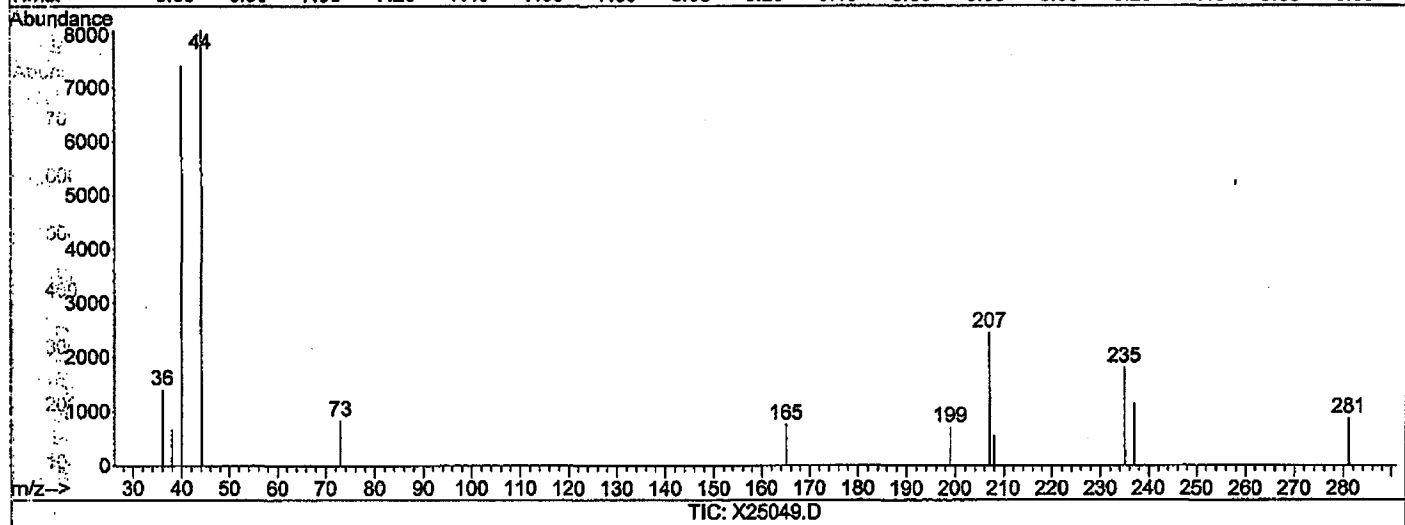
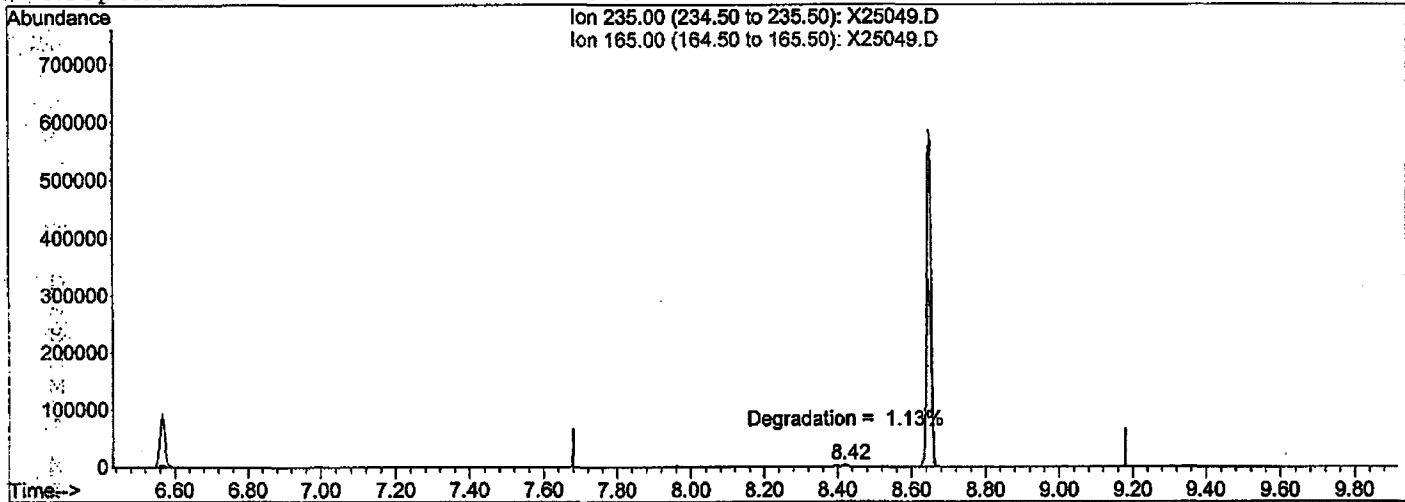
EasyID Report

Data File : D:\DATA\072108\X25049.D
 Acq On : 21 Jul 2008 8:41
 Sample : DFTPP 50NG
 Misc : SC33-12G
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 1
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Fri Jul 18 12:56:00 2008
 Response via : Initial Calibration



(3) 4-DDT

Exp R.T. 8.43min

response 0

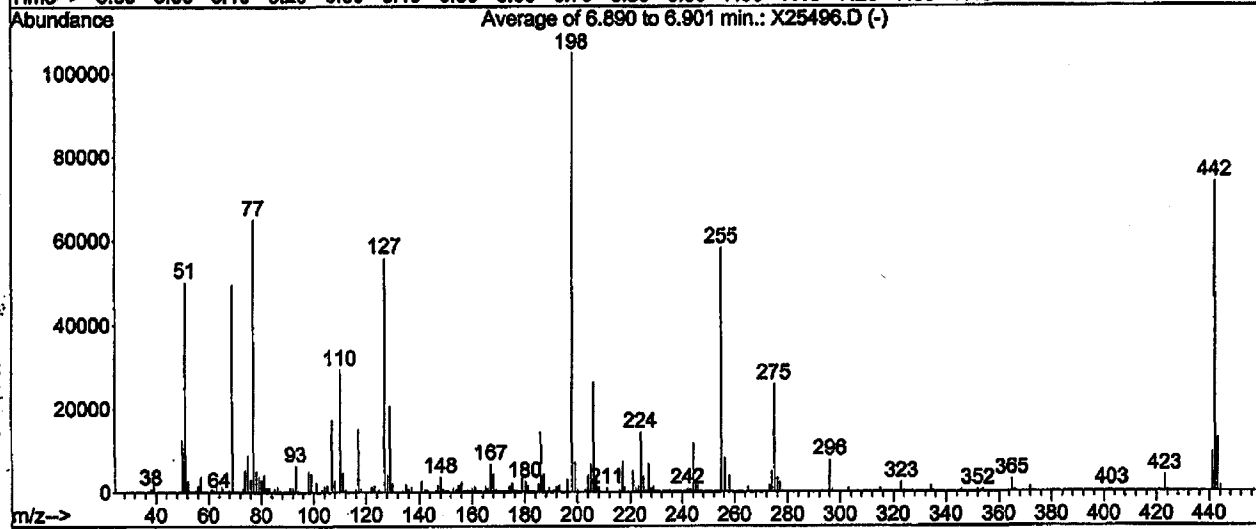
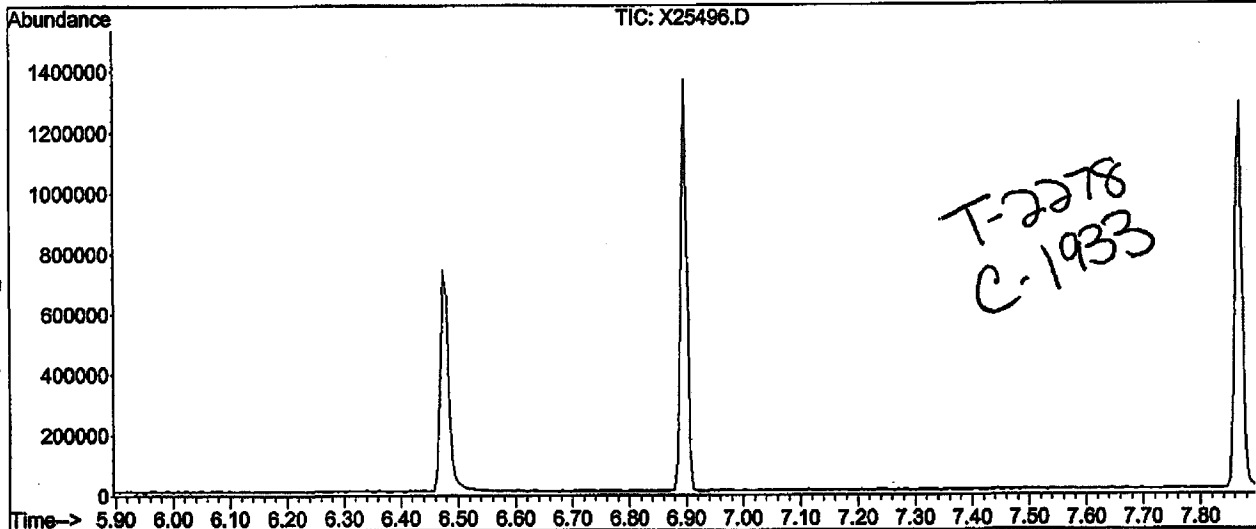
Ion	Exp%	Act%
235.00	100	100
165.00	39.40	42.39
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\080408\X25496.D
 Acq On : 4 Aug 2008 21:50
 Sample : DFTPP050
 Misc : SC33-12K
 MS Integration Params: rteint.p

Vial: 33
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis



Peak Apex is scan: 714 (6.90 min)
 Average of 3 scans: 713,714,715 minus background scan 694 (6.79 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result
51	198	30	60	47.8	50208	PASS
68	69	0	2	0.8	417	PASS
69	198	0	100	47.3	49594	PASS
70	69	0	2	0.7	360	PASS
127	198	40	60	53.3	55914	PASS
197	198	0	1	0.2	208	PASS
198	198	100	100	100.0	104933	PASS
199	198	5	9	6.9	7221	PASS
275	198	10	30	24.6	25771	PASS
365	198	1	100	2.9	3043	PASS
441	198	0	100	8.8	9265	PASS
442	198	39	110	70.2	73634	PASS
443	442	17	23	17.5	12873	PASS

Average of 6.890 to 6.901 min.: X25496.D

DFTPP050

Modified: subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.10	809	69.00	49594	83.00	1192	105.00	1670
39.10	3979	73.05	824	85.00	792	107.05	17289
50.05	12624	74.00	5244	86.00	1326	108.00	2697
51.10	50208	75.00	8854	91.00	1105	110.00	29330
52.10	2696	76.00	3107	91.95	1043	111.00	4620
56.00	1515	77.10	65013	93.05	6341	116.00	598
57.05	3636	78.10	5023	98.00	4982	117.00	15012
61.00	628	79.10	3733	99.10	4399	118.10	863
62.00	601	80.00	2873	101.00	2309	122.05	1156
63.00	2058	81.00	4121	103.05	717	123.00	1557
65.10	1308	82.00	1095	104.00	1562	124.90	556

Average of 6.890 to 6.901 min.: X25496.D

DFTPP050

Modified: subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.05	55914	149.05	793	168.90	559	193.05	1573
128.05	4073	153.00	897	174.00	1358	196.05	3096
Ave 129.00	20632	154.10	733	175.10	2133	198.00	104933
DFT 130.05	2037	154.95	1644	179.00	4030	199.00	7221
Mod 135.00	1842	156.00	2414	180.10	2532	203.00	626
136.05	699	160.00	882	181.00	1475	204.05	4005
137.00	1327	161.00	1314	185.00	2062	205.00	6669
140.95	2694	165.00	1206	186.00	14628	206.10	26344
142.10	679	165.95	903	187.10	4383	207.05	3805
147.00	1612	167.00	6651	189.05	1120	207.95	1153
148.00	3639	168.00	4338	192.00	1211	211.15	987

Average of 6.890 to 6.901 min.: X25496.D

DFTPP050

Modified: subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
217.00	7446	243.00	835	276.05	3417	365.05	3043
217.95	1123	244.10	11738	277.00	2425	372.00	1198
Ave 221.00	5026	245.05	1679	296.00	7674	403.00	547
DFT 222.05	964	246.00	2348	297.05	741	423.05	3931
Mod 223.05	1347	255.00	58210	303.05	1029	441.00	9265
224.05	14372	256.10	8355	315.00	1016	442.10	73634
225.10	3693	258.00	3958	323.05	2335	443.10	12873
227.00	6794	264.95	1343	334.05	1521	444.15	1324
Ave 228.00	975	273.05	1833	346.00	632		
DFT 229.00	1237	274.00	4933	352.10	645		
Mod 242.05	860	275.00	25771	354.05	593		

Aver.
DFT
Mod2
2
Ave 2
DFT 2
Mod 2Aver.
DFT
Mod

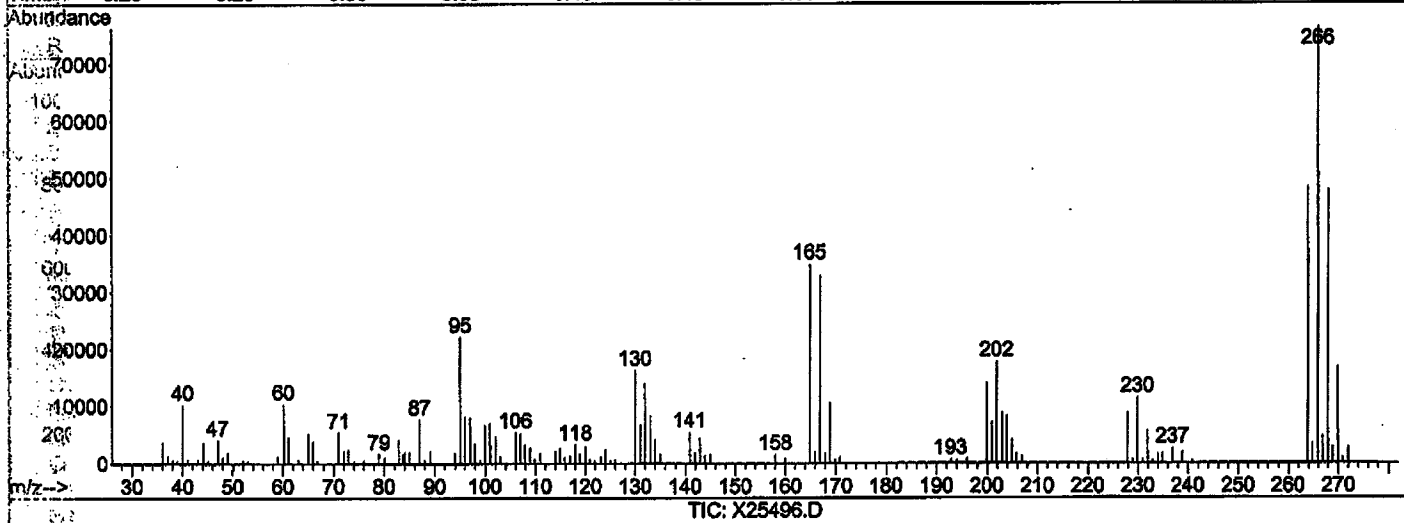
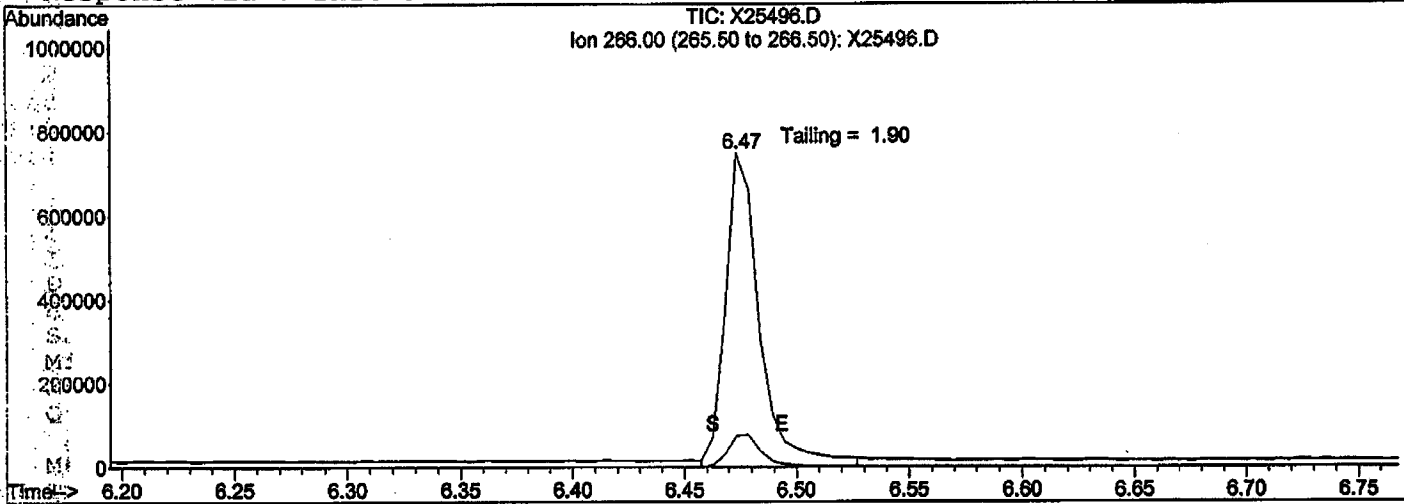
EasyID Report

Data File : D:\DATA\080408\X25496.D
 Acq On : 4 Aug 2008 21:50
 Sample : DFTPP050
 Misc : SC33-12K
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 33
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Aug 05 07:16:12 2008
 Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 6.60min

response 0

Signal	Exp%	Act%
TIC	100	100
266.00	1.80	255.18
0.00	0.00	0.00
0.00	0.00	0.00

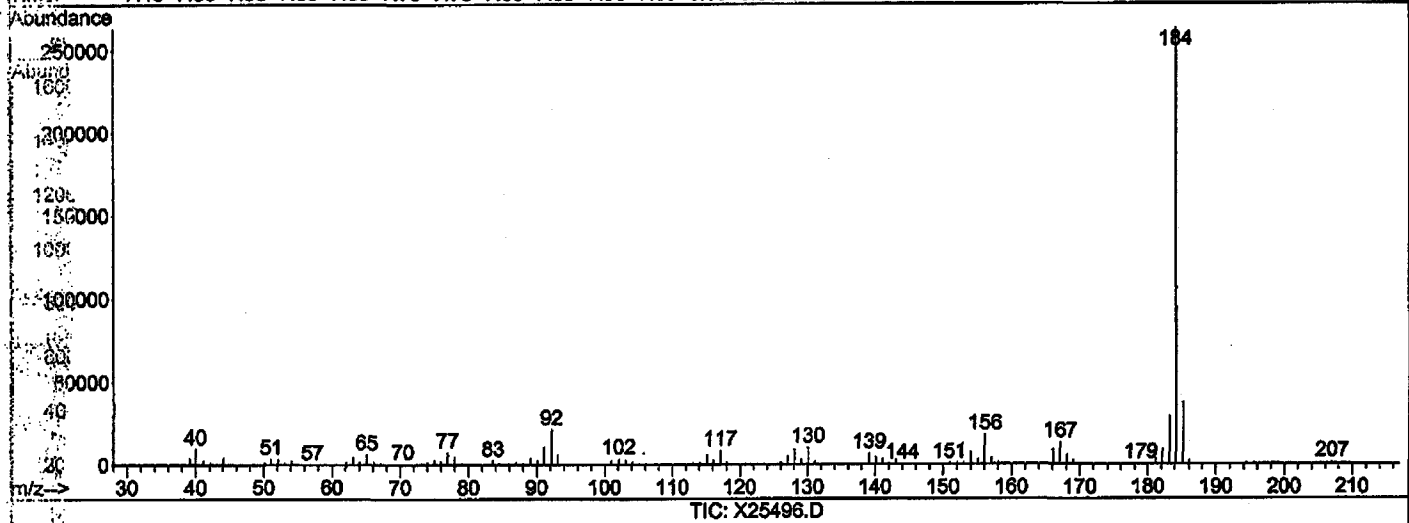
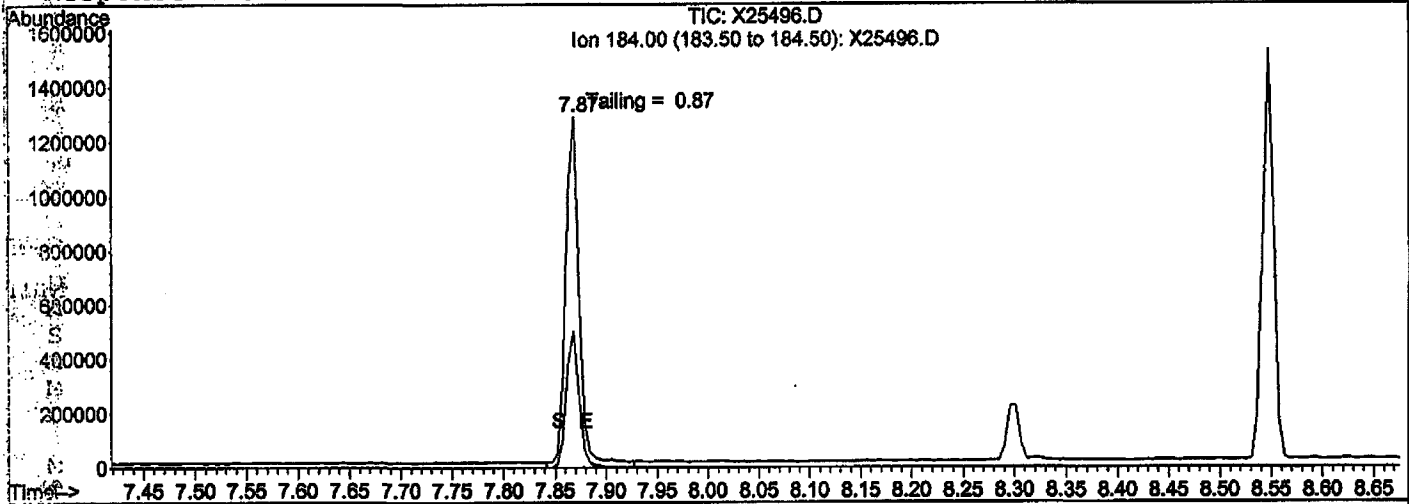
EasyID Report

Data File : D:\DATA\080408\X25496.D
 Acq On : 4 Aug 2008 21:50
 Sample : DFTPP050
 Misc : SC33-12K
 MS Integration Params: NA
 Quant Time: No Quant Results

Vial: 33
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Aug 05 07:16:12 2008
 Response via : Initial Calibration



(2) Benzidine

Exp R.T. 8.00min

response 0

Signal	Exp%	Act%
TIC	100	100
184.00	6000.00	2456.26
0.00	0.00	0.00
0.00	0.00	0.00

EasyID Report

Data File : D:\DATA\080408\X25496.D
 Acq On : 4 Aug 2008 21:50
 Sample : DFTFP050
 Misc : SC33-12K

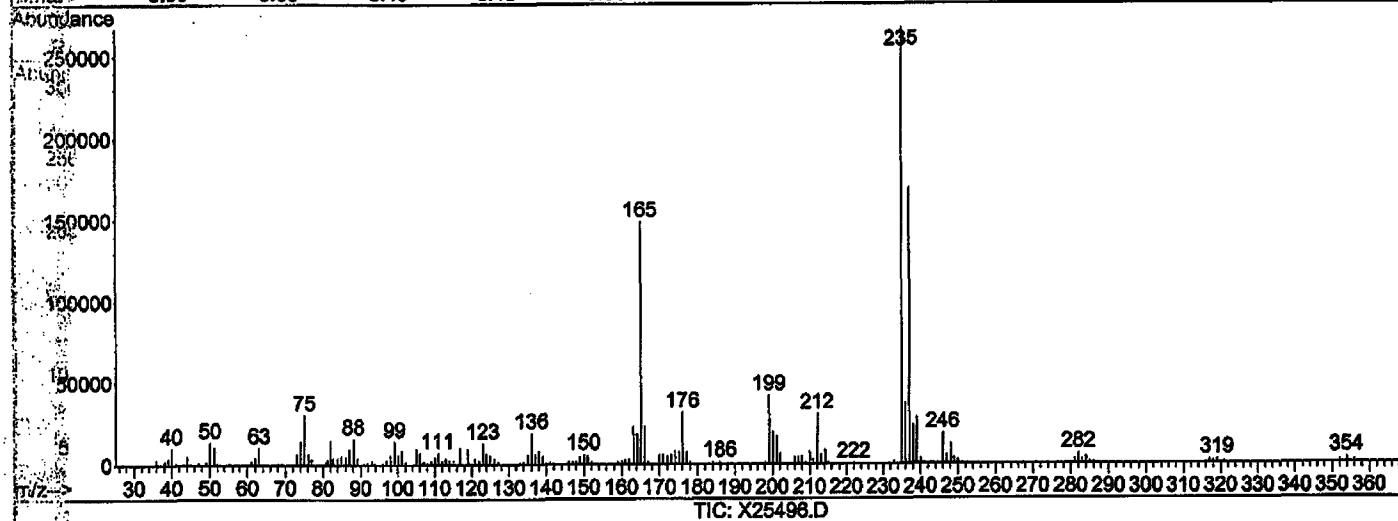
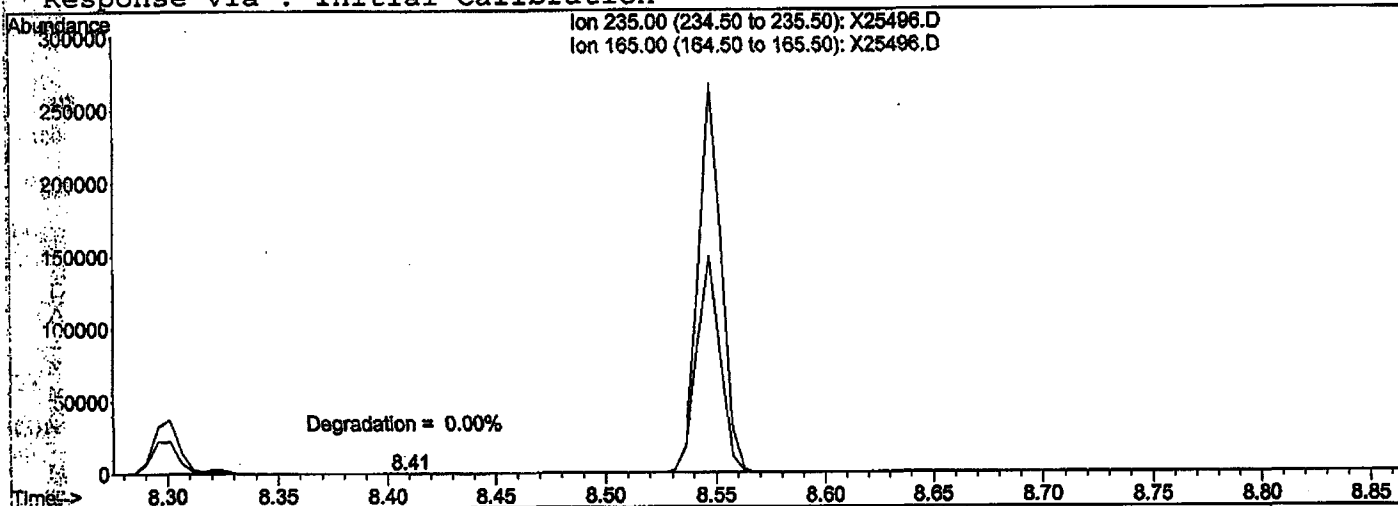
Vial: 33
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: NA

Quant Time: No Quant Results

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
 Title : Tune Analysis
 Last Update : Tue Aug 05 07:16:12 2008
 Response via : Initial Calibration



(3) 4-DDT
 Exp R.T. 8.36min
 response 0

Ion	Exp%	Act%
235.00	100	100
165.00	0.00	55.71
0.00	0.00	0.00
0.00	0.00	0.00

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK33

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1800702Sample wt/vol: 30.12 (g/mL) G Lab File ID: X24762.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene	170		U
208-96-8-----	Acenaphthylene	170		U
98-86-2-----	Acetophenone	170		U
120-12-7-----	Anthracene	170		U
1912-24-9-----	Atrazine	170		U
100-52-7-----	Benzaldehyde	170		U
56-55-3-----	Benzo (a) anthracene	170		U
205-99-2-----	Benzo (b) fluoranthene	170		U
207-08-9-----	Benzo (k) fluoranthene	170		U
191-24-2-----	Benzo (ghi) perylene	170		U
50-32-8-----	Benzo (a) pyrene	170		U
92-52-4-----	Biphenyl	170		U
111-91-1-----	Bis (2-chloroethoxy) methane	170		U
111-44-4-----	Bis (2-chloroethyl) ether	170		U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	170		U
117-81-7-----	Bis (2-ethylhexyl) phthalate	170		U
101-55-3-----	4-Bromophenyl phenyl ether	170		U
85-68-7-----	Butyl benzyl phthalate	170		U
105-60-2-----	Caprolactam	170		U
106-47-8-----	4-Chloroaniline	170		U
59-50-7-----	4-Chloro-3-methylphenol	170		U
91-58-7-----	2-Chloronaphthalene	170		U
95-57-8-----	2-Chlorophenol	170		U
7005-72-3-----	4-Chlorophenyl phenyl ether	170		U
86-74-8-----	Carbazole	170		U
218-01-9-----	Chrysene	15		J
53-70-3-----	Dibenzo (a, h) anthracene	170		U
132-64-9-----	Dibenzofuran	170		U
84-74-2-----	Di-n-butyl phthalate	170		U
91-94-1-----	3,3'-Dichlorobenzidine	170		U
120-83-2-----	2,4-Dichlorophenol	170		U
84-66-2-----	Diethyl phthalate	170		U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK33

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1800702Sample wt/vol: 30.12 (g/mL) G Lab File ID: X24762.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9	2,4-Dimethylphenol	170		U
131-11-3	Dimethyl phthalate	170		U
534-52-1	4,6-Dinitro-2-methylphenol	330		U
51-28-5	2,4-Dinitrophenol	330		U
121-14-2	2,4-Dinitrotoluene	170		U
606-20-2	2,6-Dinitrotoluene	170		U
117-84-0	Di-n-octyl phthalate	170		U
206-44-0	Fluoranthene	170		U
86-73-7	Fluorene	170		U
118-74-1	Hexachlorobenzene	170		U
87-68-3	Hexachlorobutadiene	170		U
77-47-4	Hexachlorocyclopentadiene	170		U
67-72-1	Hexachloroethane	170		U
193-39-5	Indeno (1,2,3-cd) pyrene	170		U
78-59-1	Isophorone	170		U
91-57-6	2-Methylnaphthalene	170		U
95-48-7	2-Methylphenol	170		U
106-44-5	4-Methylphenol	170		U
91-20-3	Naphthalene	170		U
88-74-4	2-Nitroaniline	330		U
99-09-2	3-Nitroaniline	330		U
100-01-6	4-Nitroaniline	330		U
98-95-3	Nitrobenzene	170		U
88-75-5	2-Nitrophenol	170		U
100-02-7	4-Nitrophenol	330		U
86-30-6	N-nitrosodiphenylamine	170		U
621-64-7	N-Nitroso-Di-n-propylamine	170		U
87-86-5	Pentachlorophenol	330		U
85-01-8	Phenanthrene	170		U
108-95-2	Phenol	170		U
129-00-0	Pyrene	170		U
95-95-4	2,4,5-Trichlorophenol	170		U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK33

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1800702

Sample wt/vol: 30.12 (g/mL) G Lab File ID: X24762.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
88-06-2-----	2,4,6-Trichlorophenol	170	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK33

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1800702

Sample wt/vol: 30.12 (g/mL) G Lab File ID: X24762.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

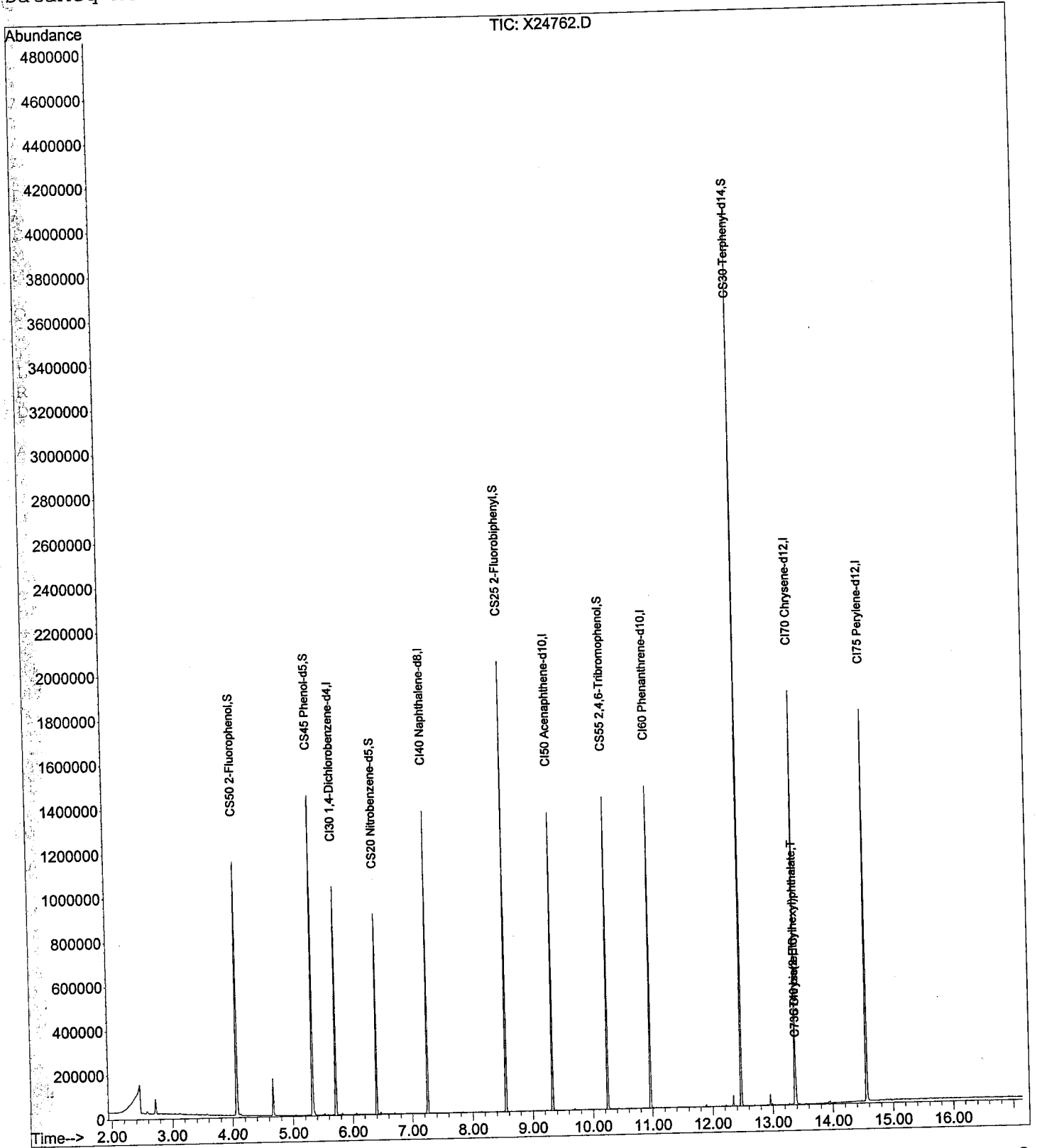
Number TICs found: 0 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

Data File : D:\DATA\070108\X24762.D
 Acq On : 1 Jul 2008 11:45
 Sample : SBLK33 AS80007551
 Misc : 08-7736/687/595/694
 MS Integration Params: rteint.p

Vial: 9
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Time: Jul 03 08:03:46 2008 Results File: A8I0399.RES
 Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 02 08:11:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP



Data File : D:\DATA\070108\X24762.D
 Acq On : 1 Jul 2008 11:45
 Sample : SBLK33 AS80007551
 Misc : 08-7736/687/595/694
 MS Integration Params: rteint.p
 Quant Time: Jul 03 08:03:46 2008

Vial: 9
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 02 08:11:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\070108\X24755.D (1 Jul 2008 9:05)

SS
 AEG 7/2/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.71	152	162771	40.00	ng	-0.01 81.03%
20) CI40 Naphthalene-d8	7.25	136	595523	40.00	ng	-0.01 77.55%
35) CI50 Acenaphthene-d10	9.33	164	280916	40.00	ng	-0.01 62.78%
56) CI60 Phenanthrene-d10	10.96	188	504395	40.00	ng	-0.01 66.04%
68) CI70 Chrysene-d12	13.37	240	541531	40.00	ng	-0.01 75.50%
78) CI75 Perylene-d12	14.56	264	579334	40.00	ng	-0.01 76.31%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.07	112	419830	72.93	ng	0.00
Spiked Amount 150.000	Range	21 - 110	Recovery	=	48.62%	
5) CS45 Phenol-d5	5.33	99	573491	75.83	ng	-0.01
Spiked Amount 150.000	Range	10 - 110	Recovery	=	50.55%	
6) CS70 2-chlorophenol-d4	5.36	132	198	0.03	ng	-0.09
Spiked Amount 150.000	Range	33 - 110	Recovery	=	0.02%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.40	82	287555	53.97	ng	-0.01
Spiked Amount 100.000	Range	34 - 114	Recovery	=	53.97%	
39) CS25 2-Fluorobiphenyl	8.55	172	587870	66.55	ng	0.00
Spiked Amount 100.000	Range	43 - 116	Recovery	=	66.55%	
59) CS55 2,4,6-Tribromophenol	10.25	330	143433	122.04	ng	0.00
Spiked Amount 150.000	Range	10 - 123	Recovery	=	81.36%	
71) CS30 Terphenyl-d14	12.47	244	973406	72.74	ng	0.00
Spiked Amount 100.000	Range	33 - 141	Recovery	=	72.74%	

Qvalue

Target Compounds

2) C705 n-nitrosodidimethyl	2.07	74	163		N.D.
4) C325 bis(2-Chloroethyl)e	0.00	93	0		N.D.
7) C315 Phenol	5.34	94	231		N.D.
8) C330 2-Chlorophenol	0.00	128	0		N.D.
9) C320 aniline	0.00	93	0		N.D.
10) C335 1,3-Dichlorobenzene	0.00	146	0		N.D.
11) C340 1,4-Dichlorobenzene	0.00	146	0		N.D.
13) C350 1,2-Dichlorobenzene	0.00	146	0		N.D.
14) C345 Benzyl alcohol	0.00	108	0		N.D.
15) C360 bis(2-chloroisoprop	0.00	45	0		N.D.
16) C355 2-Methylphenol	0.00	108	0		N.D.
17) C375 Hexachloroethane	0.00	117	0		N.D.
18) C370 N-Nitroso-di-n-prop	0.00	70	0		N.D.
19) C365 4-Methylphenol	0.00	108	0		N.D.
22) C410 Nitrobenzene	6.40	77	850		N.D.
23) C415 Isophorone	0.00	82	0		N.D.
24) C430 benzoic acid	0.00	122	0		N.D.
25) C420 2-Nitrophenol	0.00	139	0		N.D.
26) C425 2,4-Dimethylphenol	0.00	107	0		N.D.
27) C435 bis(2-Chloroethoxy)	0.00	93	0		N.D.
28) C440 2,4-Dichlorophenol	0.00	162	0		N.D.

2/2/08
 S/MS

Data File : D:\DATA\070108\X24762.D
 Acq On : 1 Jul 2008 11:45
 Sample : SBLK33 AS80007551
 Misc : 08-7736/687/595/694
 MS Integration Params: rteint.p
 Quant Time: Jul 03 08:03:46 2008

Vial: 9
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 02 08:11:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\070108\X24755.D (1 Jul 2008 9:05)

*AEK
7/2/08*

Internal Standards	R.T.	QI on	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0			N.D.	
30) C450 Naphthalene	0.00	128	0			N.D.	
31) C455 4-Chloroaniline	0.00	127	0			N.D.	
32) C460 Hexachlorobutadiene	0.00	225	0			N.D.	
33) C465 4-Chloro-3-methylph	0.00	107	0			N.D.	
34) C470 2-Methylnaphthalene	0.00	142	0			N.D.	
36) C510 Hexachlorocyclopent	0.00	237	0			N.D.	
37) C515 2,4,6-Trichlorophen	0.00	196	0			N.D.	
38) C520 2,4,5-Trichlorophen	0.00	196	0			N.D.	
40) C525 2-Chloronaphthalene	0.00	162	0			N.D.	
41) C530 2-Nitroaniline	0.00	65	0			N.D.	d
42) C540 Acenaphthylene	0.00	152	0			N.D.	
43) C535 Dimethylphthalate	0.00	163	0			N.D.	
44) C542 2,6-Dinitrotoluene	0.00	165	0			N.D.	
45) C550 Acenaphthene	0.00	153	0			N.D.	
46) C545 3-Nitroaniline	0.00	138	0			N.D.	
47) C555 2,4-Dinitrophenol	0.00	184	0			N.D.	
48) C565 Dibenzofuran	0.00	168	0			N.D.	
49) C570 2,4-Dinitrotoluene	0.00	165	0			N.D.	
50) C560 4-Nitrophenol	0.00	109	0			N.D.	
51) C590 Fluorene	0.00	166	0			N.D.	
52) C585 4-Chlorophenyl-phen	0.00	204	0			N.D.	
53) C580 Diethylphthalate	9.69	149	1619			N.D.	
54) C620 1,2-diphenylhydraz	0.00	77	0			N.D.	
55) C595 4-Nitroaniline	0.00	138	0			N.D.	
57) C610 4,6-Dinitro-2-methy	0.00	198	0			N.D.	
58) C615 n-Nitrosodiphenylam	0.00	169	0			N.D.	
60) C625 4-Bromophenyl-pheny	0.00	248	0			N.D.	
61) C630 Hexachlorobenzene	0.00	284	0			N.D.	
62) C635 Pentachlorophenol	0.00	266	0			N.D.	
63) C640 Phenanthrene	0.00	178	0			N.D.	
64) C645 Anthracene	0.00	178	0			N.D.	
65) C647 carbazole	11.89	167	578			N.D.	
66) C650 Di-n-butylphthalate	11.57	149	629			N.D.	
67) C655 Fluoranthene	0.00	202	0			N.D.	
69) C715 Pyrene	12.47	202	3375			N.D.	
70) C710 benzidine	0.00	184	0			N.D.	
72) C720 Butylbenzylphthalat	12.90	149	801			N.D.	
73) C725 3,3'-Dichlorobenzid	0.00	252	0			N.D.	
74) C730 Benzo[a]anthracene	0.00	228	0			N.D.	d
75) C735 Chrysene	13.39	228	7772			0.47 ng	99
76) C740 bis(2-Ethylhexyl)phth	13.39	149	15246			1.50 ng	90
77) C760 Di-n-octylphthalate	0.00	149	0			N.D.	d
79) C765 Benzo[b]fluoranthen	0.00	252	0			N.D.	
80) C770 Benzo[k]fluoranthen	0.00	252	0			N.D.	
81) C775 Benzo[a]pyrene	14.56	252	2957			N.D.	
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0			N.D.	
83) C785 Dibenz[a,h]anthrace	0.00	278	0			N.D.	
84) C790 Benzo[g,h,i]perylen	0.00	276	0			N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\070108\X24762.D Vial: 9
 Acq On : 1 Jul 2008 11:45 Operator: AJ
 Sample : SBLK33 AS80007551 Inst : HP5973X
 Misc : 08-7736/687/595/694 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 10 16:10:05 2008 Results File: A8I0363.RES

Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

AD
7-14-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.71	152	162771	40.00	ng	-0.34 91.86%
4) CI40 Naphthalene-d8	7.25	136	595523	40.00	ng	-0.29 87.17%
7) CI50 Acenaphthene-d8	9.33	164	280916	40.00	ng	-0.28 69.01%
10) CI60 Phenanthrene-d10	10.96	188	504395	40.00	ng	-0.26 68.37%
12) CI70 Chrysene-d12	13.37	240	541531	40.00	ng	-0.25 70.89%
13) CI75 Perylene-d12	14.56	264	579334	40.00	ng	-0.30 74.87%
						Qvalue
2) E600 Benzaldehyde	5.33	77	575		N.D.	
3) E145 Acetophenone	5.50	105	571		N.D.	
5) E655 Caprolactam	0.00	113	0		N.D.	
6) E195 1,2,4,5-Tetrachloro	0.00	216	0		N.D.	
8) C811 1,1'-Biphenyl	8.55	154	989		N.D.	
9) E230 2,3,4,6-Tetrachloro	0.00	232	0		N.D.	
11) E510 Atrazine	0.00	200	0		N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

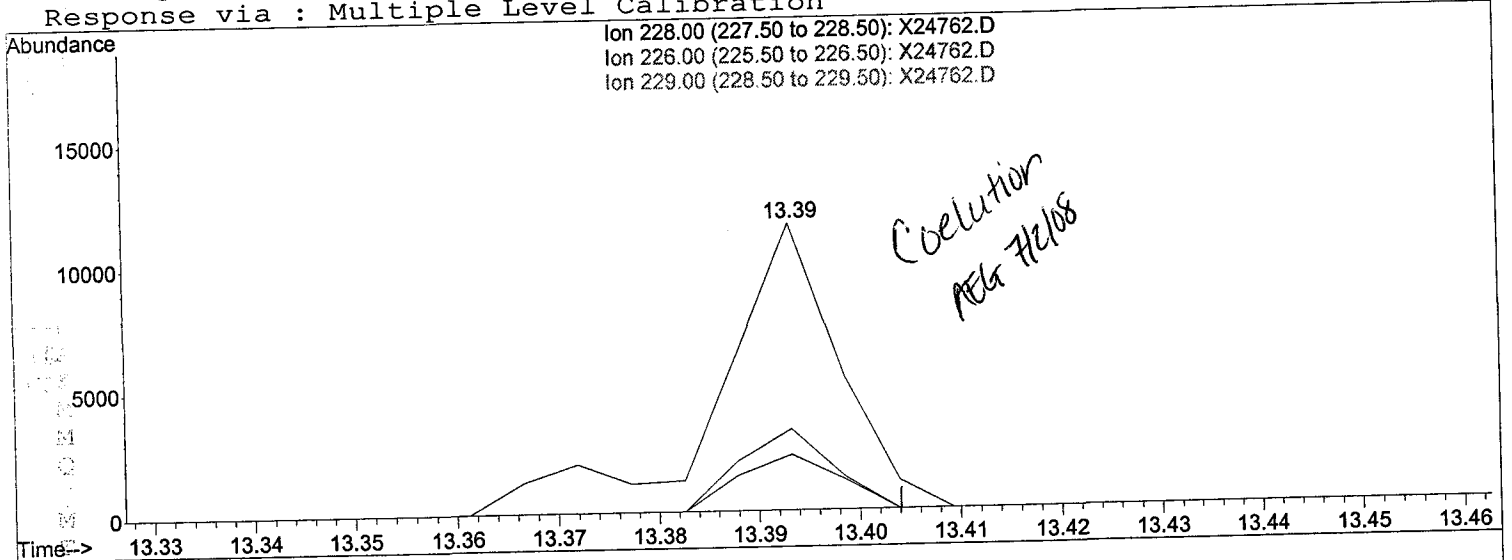
mtg/10/08

Quantitation Report (Qedit)

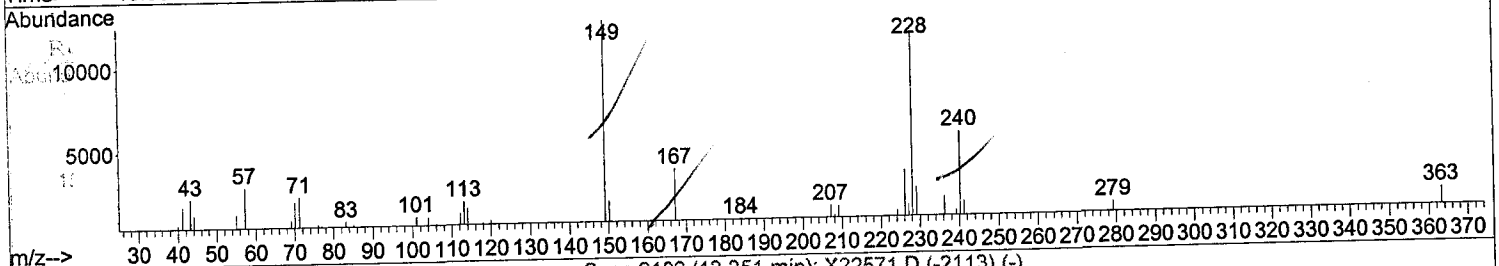
Data File : D:\DATA\070108\X24762.D
Acq On : 1 Jul 2008 11:45
Sample : SBLK33 AS80007551
Misc : 08-7736/687/595/694
MS Integration Params: rteint.p
Quant Time: Jul 02 08:12:14 2008

Vial: 9
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

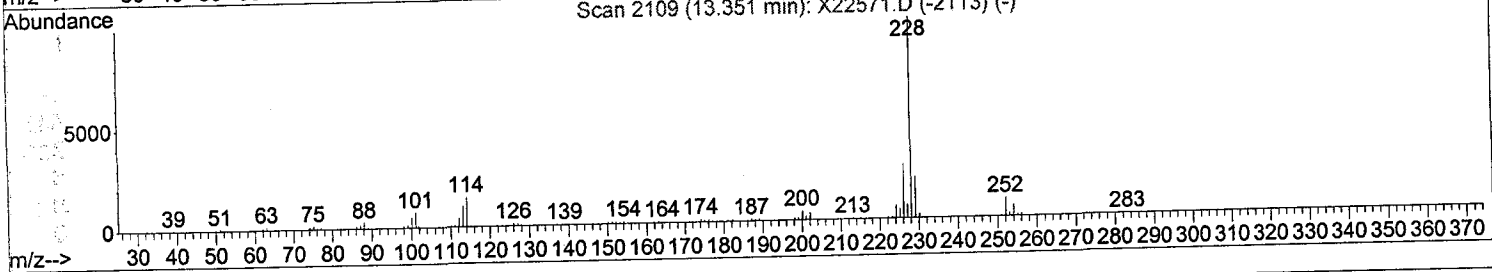
Method : C:\MSDCHEM\1\METHODS\8270\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jun 27 07:44:04 2008
Response via : Multiple Level Calibration



Ion 228.00 (227.50 to 228.50): X24762.D
Ion 226.00 (225.50 to 226.50): X24762.D
Ion 229.00 (228.50 to 229.50): X24762.D



Scan 2109 (13.351 min): X22571.D (-2113) (-)



TIC: X24762.D

(75) C735 Chrysene (TC)

13.39min (-0.011) 0.57ng

response 9570

Ion Exp% Act%

228.00 100 100

226.00 28.50 28.13

229.00 19.50 19.31

0.00 0.00 0.00

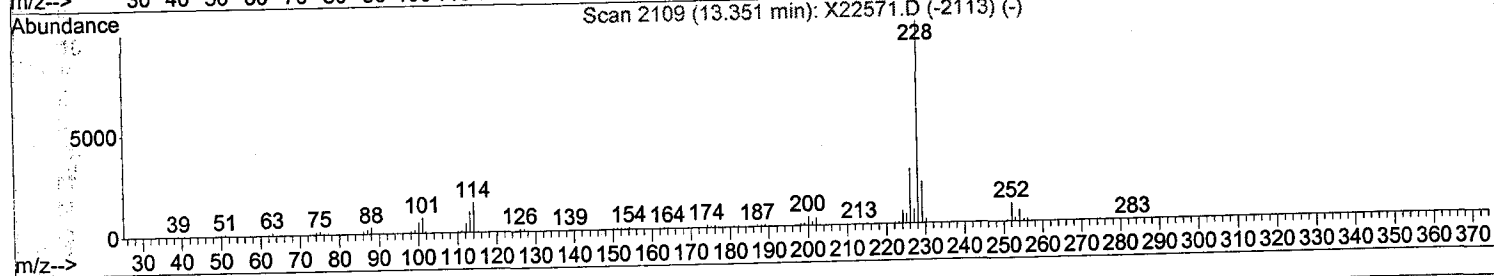
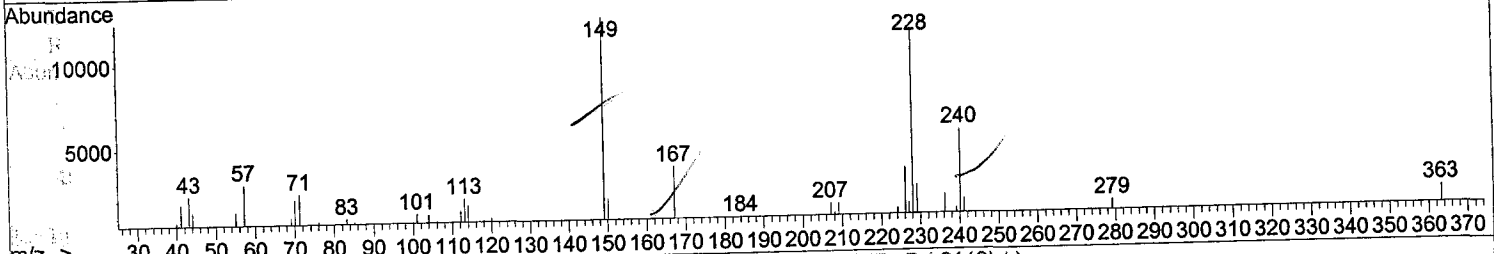
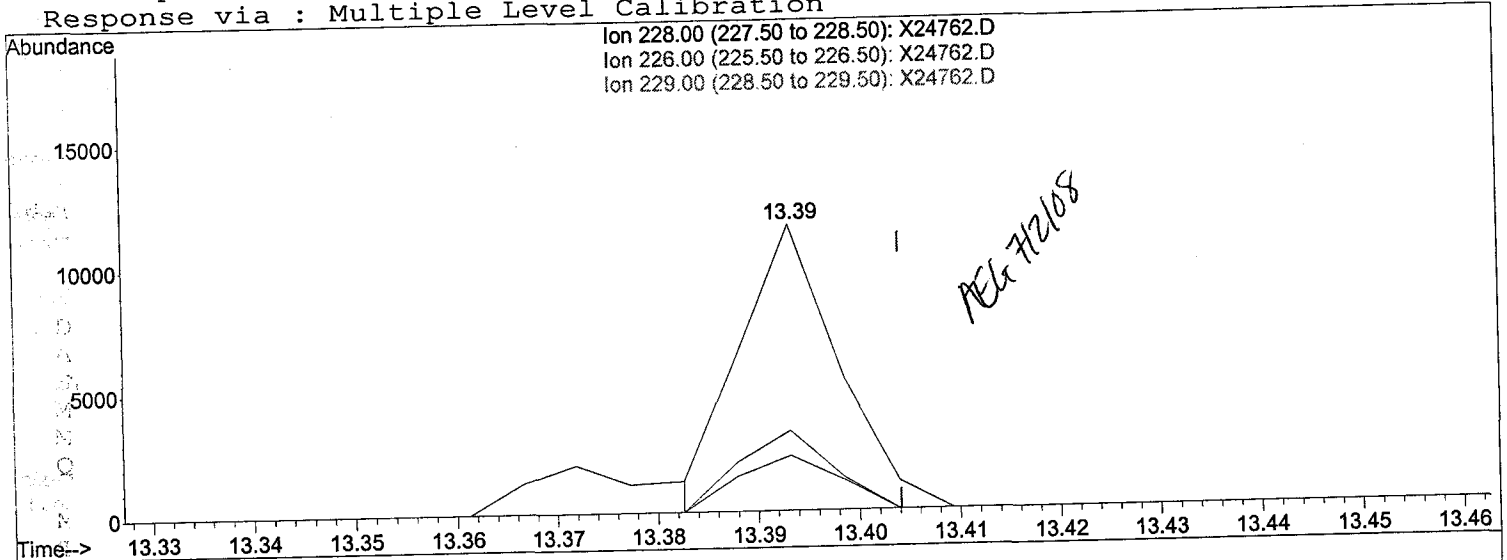
AJ
8/5/08

Quantitation Report (Qedit)

Data File : D:\DATA\070108\X24762.D
Acq On : 1 Jul 2008 11:45
Sample : SBLK33 AS80007551
Misc : 08-7736/687/595/694
MS Integration Params: rteint.p
Quant Time: Jul 02 08:12:14 2008

Vial: 9
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Fri Jun 27 07:44:04 2008
Response via : Multiple Level Calibration



TIC: X24762.D

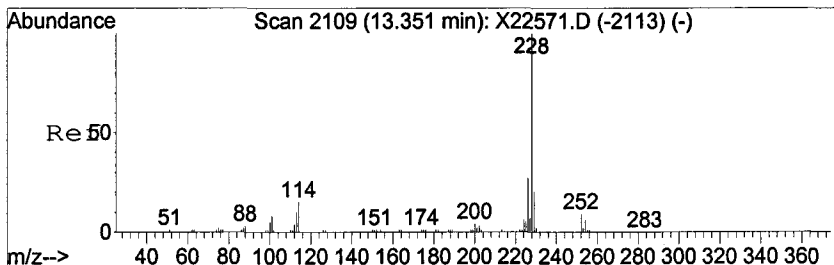
(75) C735 Chrysene (TC)

13.39min (-0.011) 0.47ng m

response 7772

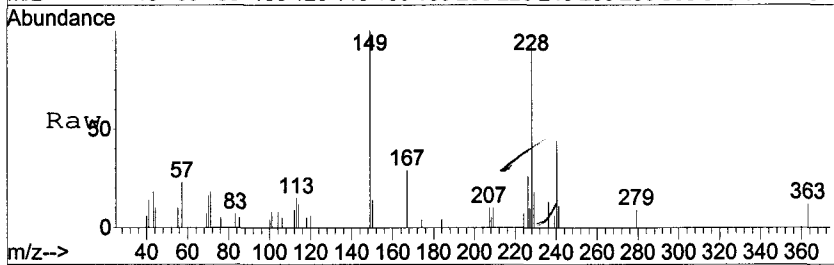
Ion	Exp%	Act%
228.00	100	100
226.00	28.50	28.13
229.00	19.50	19.31
0.00	0.00	0.00

AJ
7/15/08

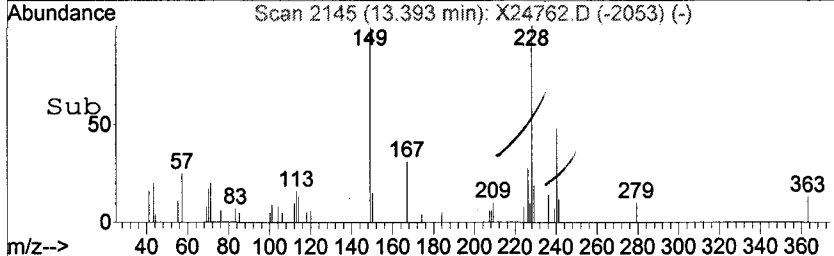
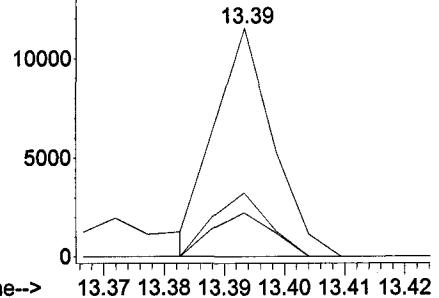


#75
 C735 Chrysene
 Concen: 0.47 ng m
 RT: 13.39 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: X24762.D
 Acq: 1 Jul 2008 11:45

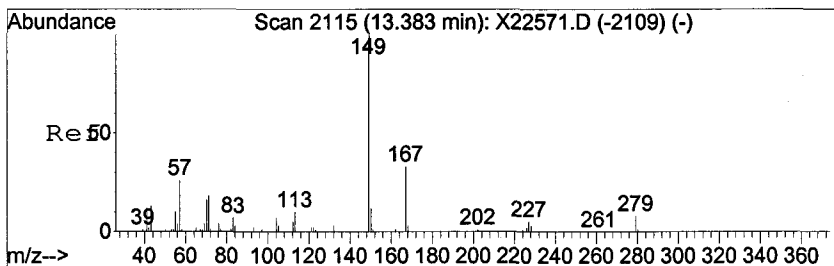
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	8.5	48.5
229	19.3	0.0	39.5



Abundance Ion 228.00 (227.50 to 228.50): X24762
 Ion 226.00 (225.50 to 226.50): X24762
 Ion 229.00 (228.50 to 229.50): X24762

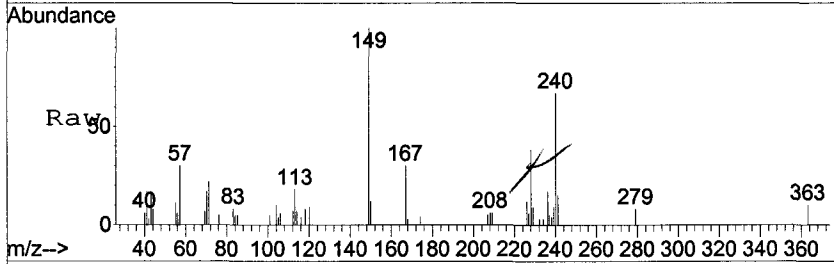


Time--> 13.37 13.38 13.39 13.40 13.41 13.42

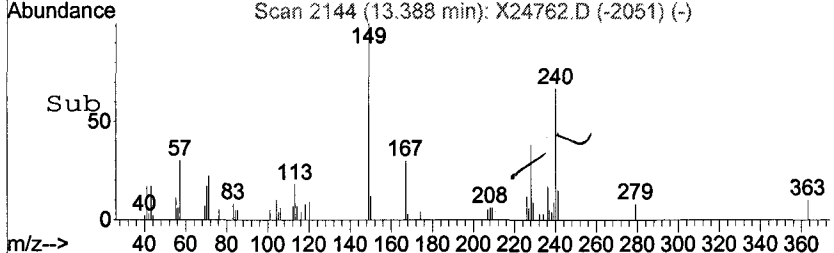
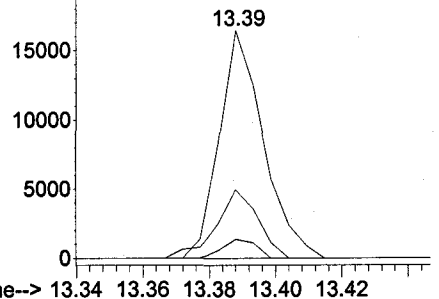


#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 1.50 ng
 RT: 13.39 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: X24762.D
 Acq: 1 Jul 2008 11:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	16.2	56.2
279	8.3	0.0	31.4



Abundance Ion 149.00 (148.50 to 149.50): X24762
 Ion 167.00 (166.50 to 167.50): X24762
 Ion 279.00 (278.50 to 279.50): X24762



Time--> 13.34 13.36 13.38 13.40 13.42

Data File : D:\DATA\070108\X24762.D
 Acq On : 1 Jul 2008 11:45
 Sample : SBLK33 AS80007551
 Misc : 08-7736/687/595/694
 MS Integration Params: LSCINT.P

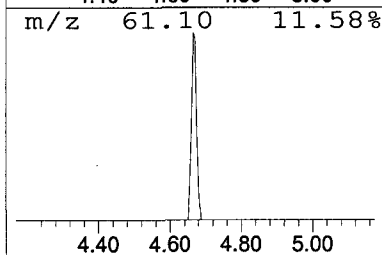
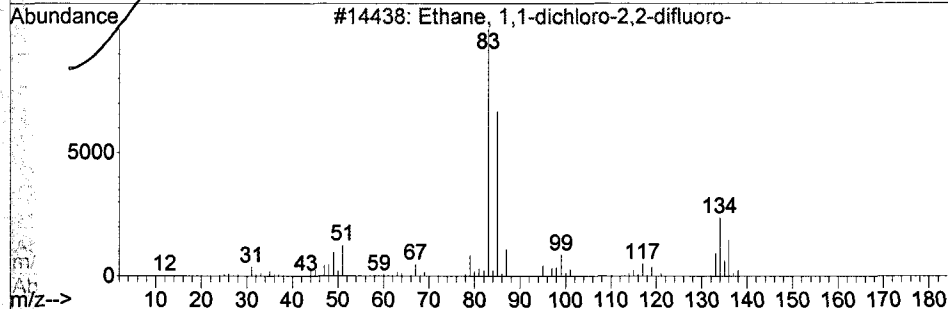
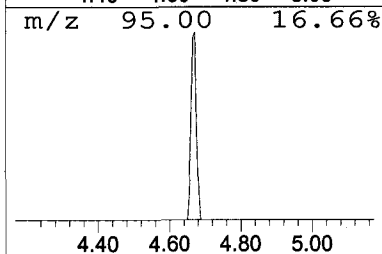
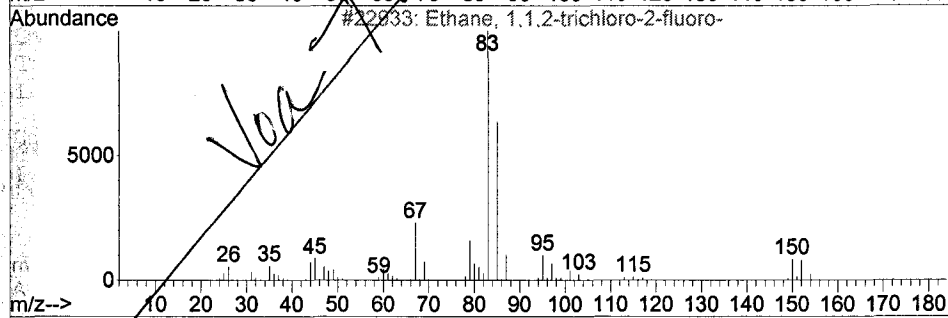
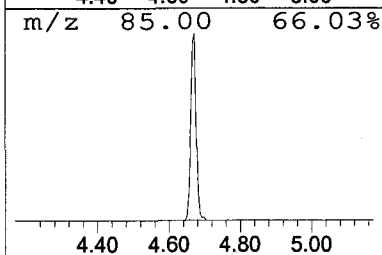
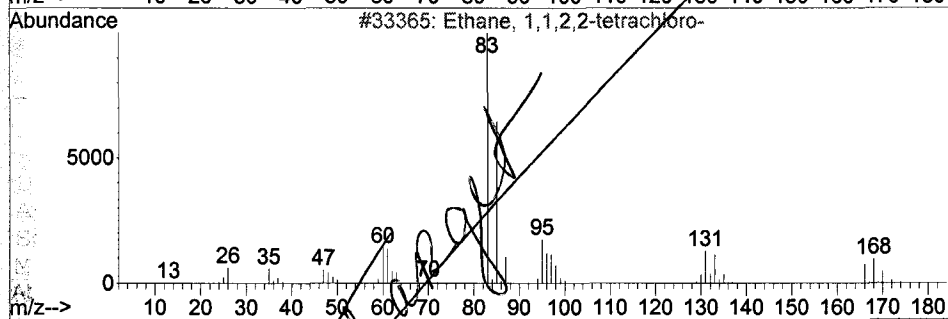
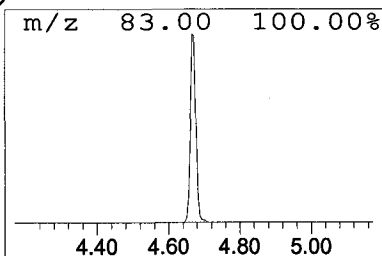
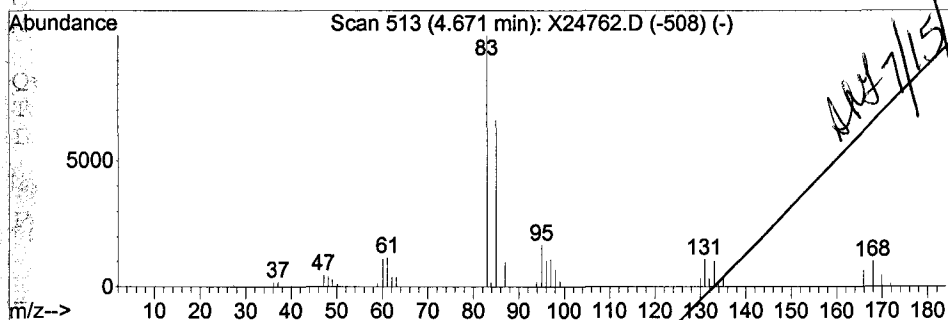
Vial: 9
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Ethane, 1,1,2,2-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.67	7.41 ng	179673	CI30 1,4-Dichloro	970511	5.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	97
2		Ethane, 1,1,2-trichloro-2-fluoro-	150	C2H2Cl3F	000359-28-4	53
3		Ethane, 1,1-dichloro-2,2-difluoro-	134	C2H2Cl2F2	000471-43-2	42
4		Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HC12F3	000306-83-2	40
5		Methane, dichloronitro-	129	CHCl2NO2	007119-89-3	38



Data File : D:\DATA\070108\X24762.D
 Acq On : 1 Jul 2008 11:45
 Sample : SBLK33 AS80007551
 Misc : 08-7736/687/595/694
 MS Integration Params: LSCINT.P

Vial: 9
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

TIC Top Hit name	RT	EstConc	Units	Response	|--Internal Standard--|			
					#	RT	Resp	Conc
Ethane, 1,1,2,2-t...	4.67	7.4	ng	179673	1	5.71	970511	40.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK03

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807903Sample wt/vol: 30.47 (g/mL) G Lab File ID: W24839.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene		170	U
208-96-8-----	Acenaphthylene		170	U
98-86-2-----	Acetophenone		170	U
120-12-7-----	Anthracene		170	U
1912-24-9-----	Atrazine		170	U
100-52-7-----	Benzaldehyde		170	U
56-55-3-----	Benzo (a) anthracene		170	U
205-99-2-----	Benzo (b) fluoranthene		170	U
207-08-9-----	Benzo (k) fluoranthene		170	U
191-24-2-----	Benzo (ghi) perylene		170	U
50-32-8-----	Benzo (a) pyrene		170	U
92-52-4-----	Biphenyl		170	U
111-91-1-----	Bis (2-chloroethoxy) methane		170	U
111-44-4-----	Bis (2-chloroethyl) ether		170	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		170	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		170	U
101-55-3-----	4-Bromophenyl phenyl ether		170	U
85-68-7-----	Butyl benzyl phthalate		170	U
105-60-2-----	Caprolactam		170	U
106-47-8-----	4-Chloroaniline		170	U
59-50-7-----	4-Chloro-3-methylphenol		170	U
91-58-7-----	2-Chloronaphthalene		170	U
95-57-8-----	2-Chlorophenol		170	U
7005-72-3-----	4-Chlorophenyl phenyl ether		170	U
86-74-8-----	Carbazole		170	U
218-01-9-----	Chrysene		14	J
53-70-3-----	Dibenzo (a,h) anthracene		170	U
132-64-9-----	Dibenzofuran		170	U
84-74-2-----	Di-n-butyl phthalate		170	U
91-94-1-----	3,3'-Dichlorobenzidine		170	U
120-83-2-----	2,4-Dichlorophenol		170	U
84-66-2-----	Diethyl phthalate		170	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK03

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807903Sample wt/vol: 30.47 (g/mL) G Lab File ID: W24839.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

105-67-9-----	2,4-Dimethylphenol		170	U
131-11-3-----	Dimethyl phthalate		170	U
534-52-1-----	4,6-Dinitro-2-methylphenol		320	U
51-28-5-----	2,4-Dinitrophenol		320	U
121-14-2-----	2,4-Dinitrotoluene		170	U
606-20-2-----	2,6-Dinitrotoluene		170	U
117-84-0-----	Di-n-octyl phthalate		170	U
206-44-0-----	Fluoranthene		170	U
86-73-7-----	Fluorene		170	U
118-74-1-----	Hexachlorobenzene		170	U
87-68-3-----	Hexachlorobutadiene		170	U
77-47-4-----	Hexachlorocyclopentadiene		170	U
67-72-1-----	Hexachloroethane		170	U
193-39-5-----	Indeno (1,2,3-cd) pyrene		170	U
78-59-1-----	Isophorone		170	U
91-57-6-----	2-Methylnaphthalene		170	U
95-48-7-----	2-Methylphenol		170	U
106-44-5-----	4-Methylphenol		170	U
91-20-3-----	Naphthalene		170	U
88-74-4-----	2-Nitroaniline		320	U
99-09-2-----	3-Nitroaniline		320	U
100-01-6-----	4-Nitroaniline		320	U
98-95-3-----	Nitrobenzene		170	U
88-75-5-----	2-Nitrophenol		170	U
100-02-7-----	4-Nitrophenol		320	U
86-30-6-----	N-nitrosodiphenylamine		170	U
621-64-7-----	N-Nitroso-Di-n-propylamine		170	U
87-86-5-----	Pentachlorophenol		320	U
85-01-8-----	Phenanthrene		170	U
108-95-2-----	Phenol		170	U
129-00-0-----	Pyrene		170	U
95-95-4-----	2,4,5-Trichlorophenol		170	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK03

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1807903

Sample wt/vol: 30.47 (g/mL) G Lab File ID: W24839.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/01/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
88-06-2-----	2,4,6-Trichlorophenol_____	170	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK03

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807903Sample wt/vol: 30.47 (g/mL) G Lab File ID: W24839.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1

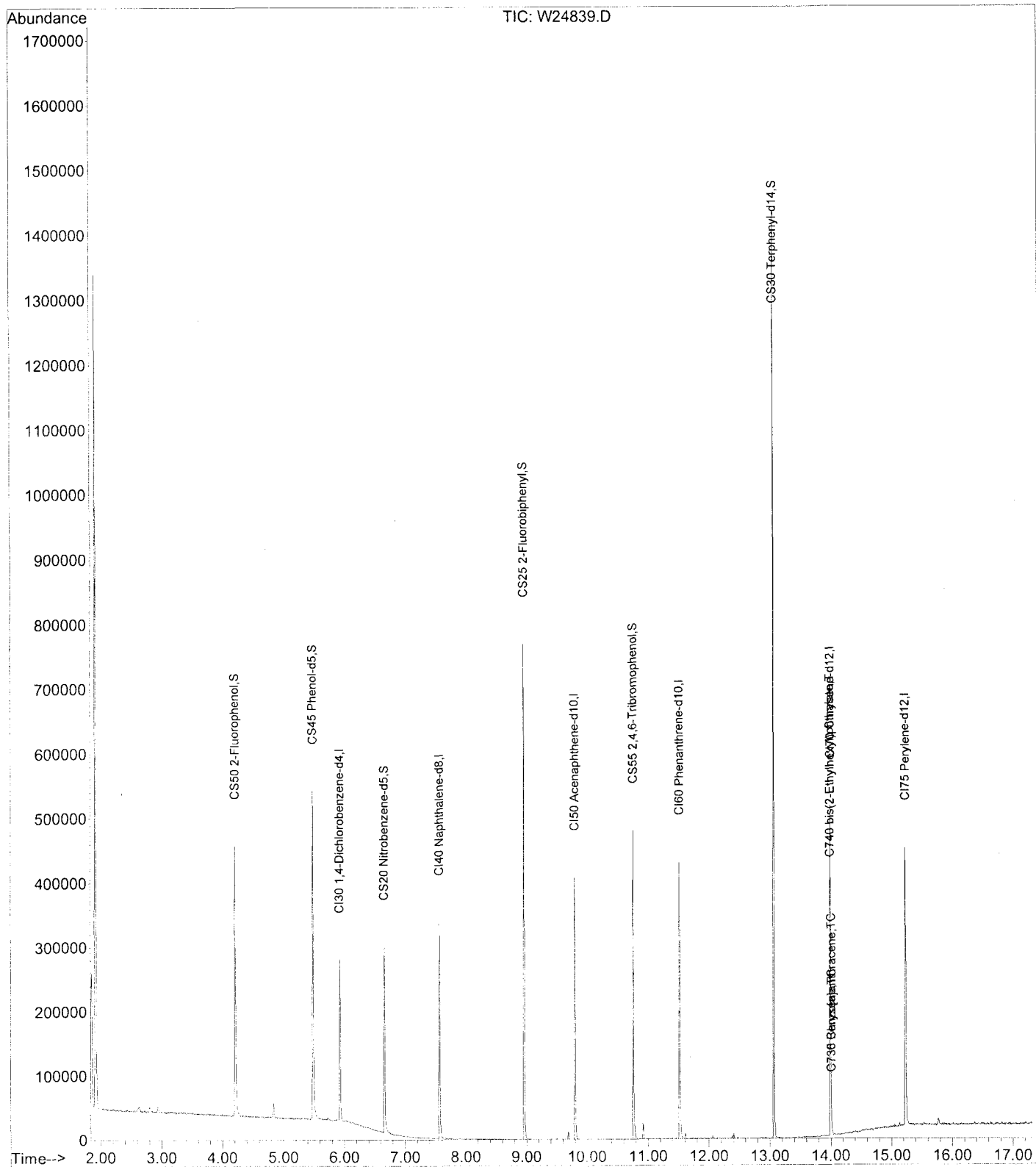
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.92	6800	J

Data File : C:\MSDCHEM\1\DATA\070208\W24839.D
 Acq On : 2 Jul 2008 6:19 pm
 Sample : SBLK103 AS80007663
 Misc : 08-7691 *8/7/2008*
 MS Integration Params: rteint.p

Vial: 27
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 03 07:28:13 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070208\W24839.D
 Acq On : 2 Jul 2008 6:19 pm
 Sample : SBLK103 AS80007663
 Misc : 08-7691 *MS 8/7/2008*
 MS Integration Params: rteint.p
 Quant Time: Jul 03 07:28:13 2008

Vial: 27
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

*G
 WJ
 AS*

Internal Standards	R.T.	Q Ion	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	43674	40.00	ng	0.00 64.09%
20) CI40 Naphthalene-d8	7.57	136	175303	40.00	ng	0.00 59.95%
35) CI50 Acenaphthene-d10	9.80	164	94398	40.00	ng	0.00 53.02%
56) CI60 Phenanthrene-d10	11.52	188	172706	40.00	ng	0.00 62.33%
68) CI70 Chrysene-d12	14.00	240	173559	40.00	ng	0.00 55.45%
78) CI75 Perylene-d12	15.23	264	165495	40.00	ng	0.00 63.06%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.21	112	153819	96.94	ng	0.00
Spiked Amount	150.000	Range 21 - 110	Recovery =	64.63%		
5) CS45 Phenol-d5	5.49	99	213796	111.71	ng	0.00
Spiked Amount	150.000	Range 10 - 110	Recovery =	74.47%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range 33 - 110	Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range 16 - 110	Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.66	82	110905	71.77	ng	0.00
Spiked Amount	100.000	Range 34 - 114	Recovery =	71.77%		
39) CS25 2-Fluorobiphenyl	8.96	172	252486	76.13	ng	0.00
Spiked Amount	100.000	Range 43 - 116	Recovery =	76.13%		
59) CS55 2,4,6-Tribromophenol	10.76	330	49861	112.42	ng	0.00
Spiked Amount	150.000	Range 10 - 123	Recovery =	74.95%		
71) CS30 Terphenyl-d14	13.07	244	352662	87.19	ng	0.00
Spiked Amount	100.000	Range 33 - 141	Recovery =	87.19%		

Target Compounds

					Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.	
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.	
7) C315 Phenol	0.00	94	0	N.D.	
8) C330 2-Chlorophenol	0.00	128	0	N.D.	
9) C320 aniline	0.00	93	0	N.D.	
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.	
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
14) C345 Benzyl alcohol	0.00	108	0	N.D.	
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.	
16) C355 2-Methylphenol	0.00	108	0	N.D.	
17) C375 Hexachloroethane	0.00	117	0	N.D.	
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.	
19) C365 4-Methylphenol	0.00	108	0	N.D.	
22) C410 Nitrobenzene	0.00	77	0	N.D.	
23) C415 Isophorone	0.00	82	0	N.D.	
24) C430 benzoic acid	0.00	122	0	N.D.	
25) C420 2-Nitrophenol	0.00	139	0	N.D.	
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.	
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.	

MS 8/7/2008

Data File : C:\MSDCHEM\1\DATA\070208\W24839.D
 Acq On : 2 Jul 2008 6:19 pm
 Sample : SBLK103 AS80007663
 Misc : 08-7691

Vial: 27
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 03 07:28:13 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

*SS
 2/3*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dev(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	0.00	153	0	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	0.00	149	0	N.D.			
54) C620 1,2 diphenylhydrazine	10.76	77	336	Below Cal	#	55	
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	0.00	178	0	N.D.			
64) C645 Anthracene	0.00	178	0	N.D.			
65) C647 carbazole	0.00	167	0	N.D.			
66) C650 Di-n-butylphthalate	12.13	149	465	N.D.			
67) C655 Fluoranthene	0.00	202	0	N.D.			
69) C715 Pyrene	13.07	202	926	N.D.			
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalat	0.00	149	0	N.D.			
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	14.02	228	2153	0.39 ng		79	
75) C735 Chrysene	14.02	228	2153	0.41 ng		82	
76) C740 bis(2-Ethylhexyl)phth	13.99	149	2100	0.54 ng		86	
77) C760 Di-n-octylphthalate	14.51	149	602	N.D.			
79) C765 Benzo[b]fluoranthen	0.00	252	0	N.D.			
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D.			
81) C775 Benzo[a]pyrene	15.24	252	441	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylen	0.00	276	0	N.D.			

MT 8/7/2008

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\070208\W24839.D Vial: 27
 Acq On : 2 Jul 2008 18:19 Operator: AJ
 Sample : SBLK103 AS80007663 Inst : Instrumen
 Misc : 08-7691 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 11 17:54:28 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

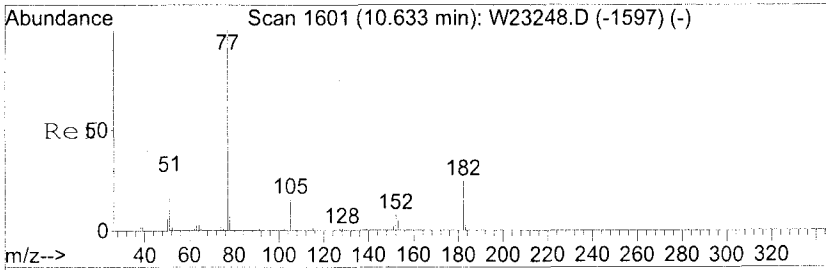
8/7/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	43674	40.00	ng	-0.06 89.56%
4) CI40 Naphthalene-d8	7.57	136	175303	40.00	ng	-0.05 90.02%
7) CI50 Acenaphthene-d8	9.80	164	94398	40.00	ng	-0.04 102.39%
10) CI60 Phenanthrene-d10	11.52	188	172706	40.00	ng	-0.04 111.84%
12) CI70 Chrysene-d12	14.00	240	173559	40.00	ng	-0.03 94.76%
13) CI75 Perylene-d12	15.23	264	165495	40.00	ng	-0.04 92.57%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.97	154	168	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

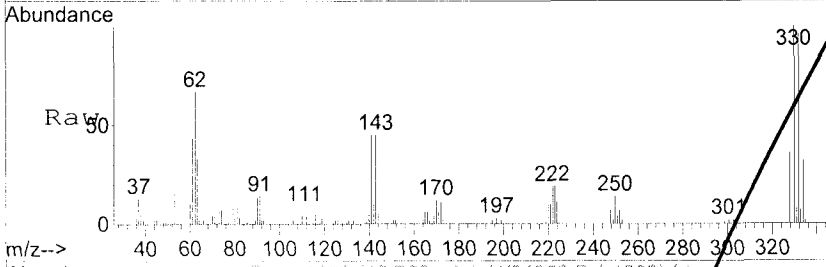
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/7/08

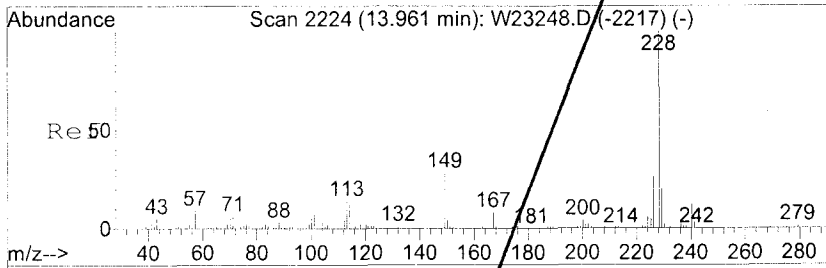
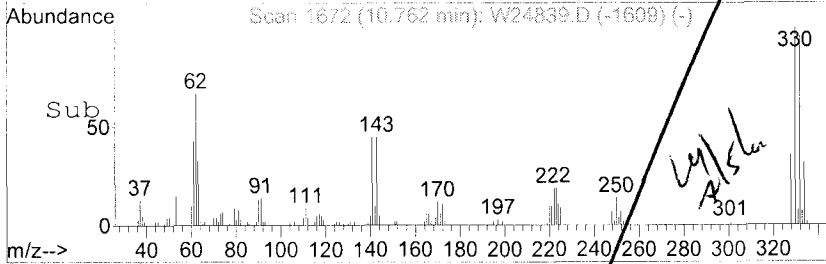
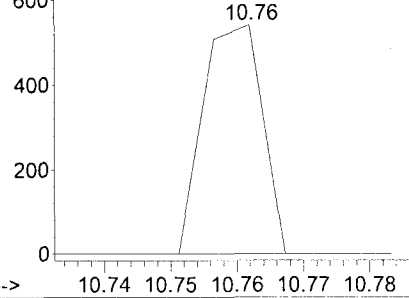


#54
 C620 1,2 diphenylhydrazine
 Concen: Below Cal
 RT: 10.76 min Scan# 1672
 Delta R.T. 0.09 min
 Lab File: W24839.D
 Acq: 2 Jul 2008 6:19 pm

Tgt Ion	Ratio	Lower	Upper
77	100		
105	0.0	0.0	36.4
182	0.0	4.9	44.9#

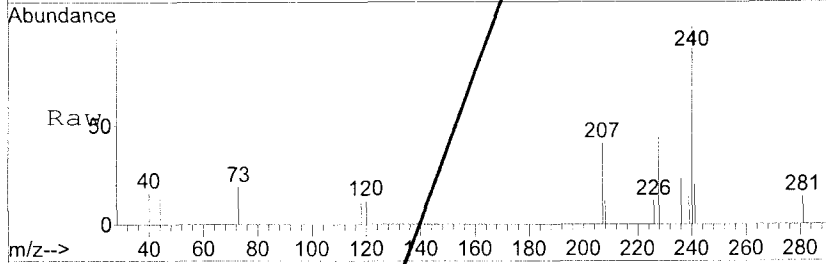


Abundance Ion 77.00 (76.50 to 77.50): W24839.D
 Ion 105.00 (104.50 to 105.50): W2483
 Ion 182.00 (181.50 to 182.50): W2483

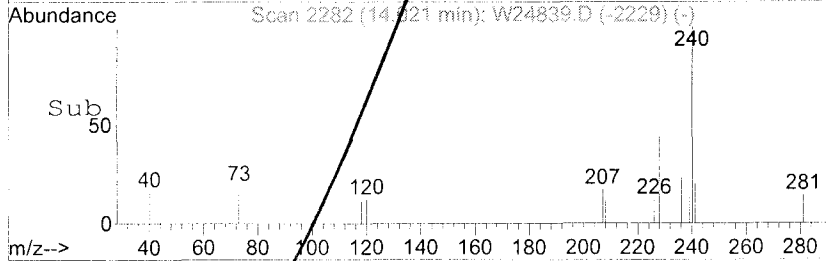
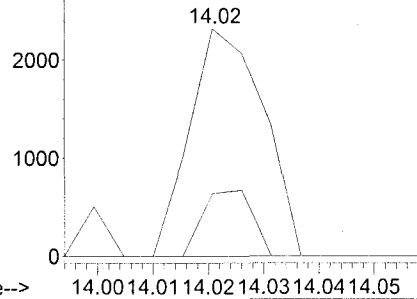


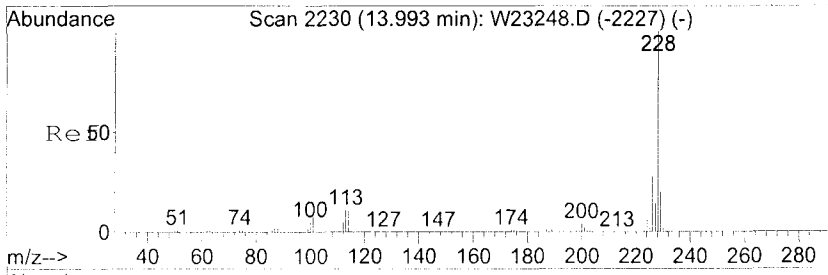
#74
 C730 Benzo[a]anthracene
 Concen: 0.39 ng
 RT: 14.02 min Scan# 2282
 Delta R.T. 0.03 min
 Lab File: W24839.D
 Acq: 2 Jul 2008 6:19 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
229	0.0	0.0	38.8
226	27.5	4.8	44.8



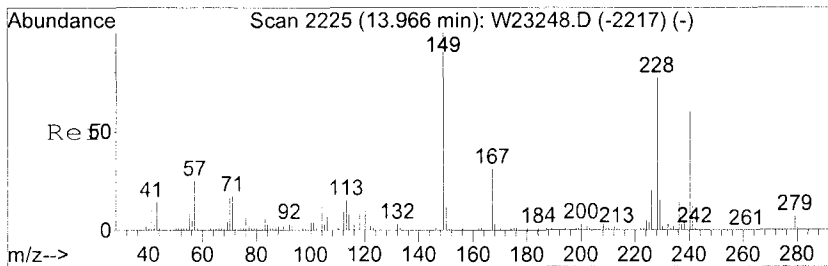
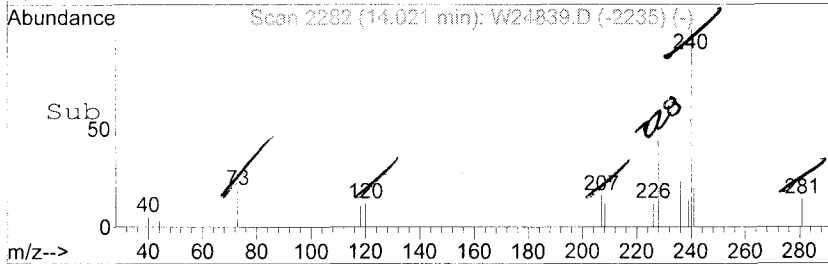
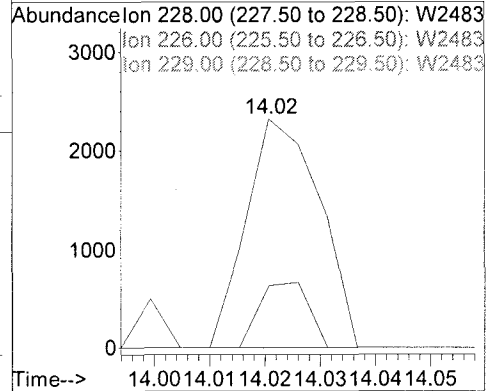
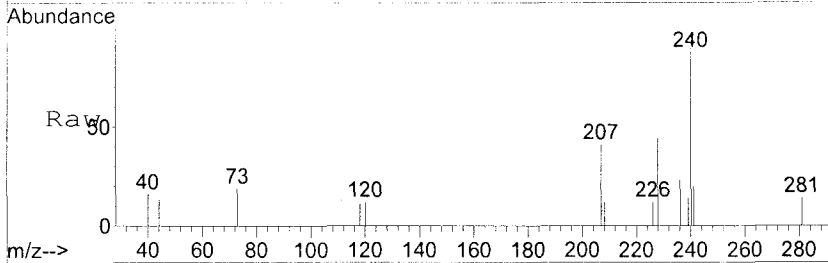
Abundance Ion 228.00 (227.50 to 228.50): W2483
 Ion 229.00 (228.50 to 229.50): W2483
 Ion 226.00 (225.50 to 226.50): W2483





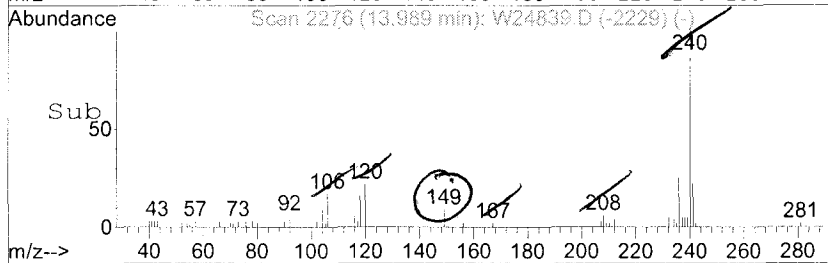
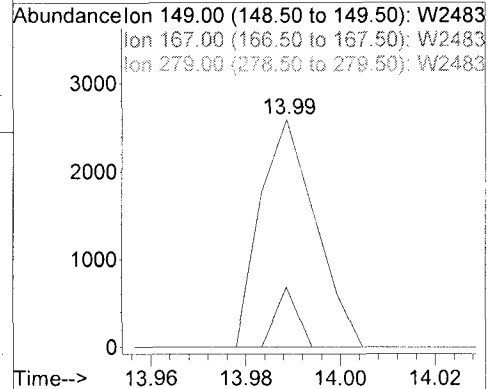
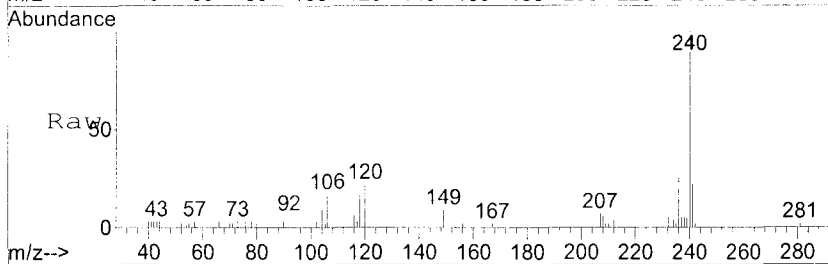
#75
 C735 Chrysene
 Concen: 0.41 ng
 RT: 14.02 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: W24839.D
 Acq: 2 Jul 2008 6:19 pm

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	7.1	47.1
229	0.0	0.0	38.8



#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 0.54 ng
 RT: 13.99 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: W24839.D
 Acq: 2 Jul 2008 6:19 pm

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	13.1	53.1
279	0.0	0.0	27.5



my 7/5/08

Library Search Compound Report **1391/4151**

Data File : C:\MSDCHEM\1\DATA\070208\W24839.D
 Acq On : 2 Jul 2008 18:19
 Sample : SBLK103 AS80007663
 Misc : 08-7691
 MS Integration Params: LSCINT.P

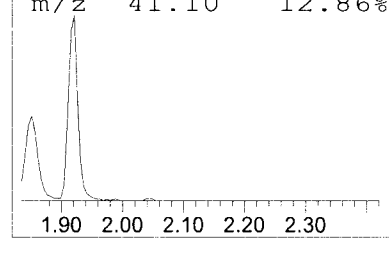
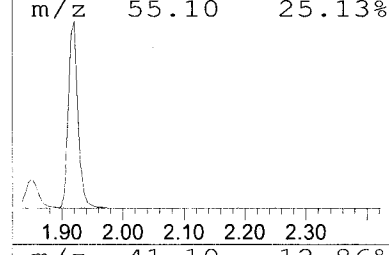
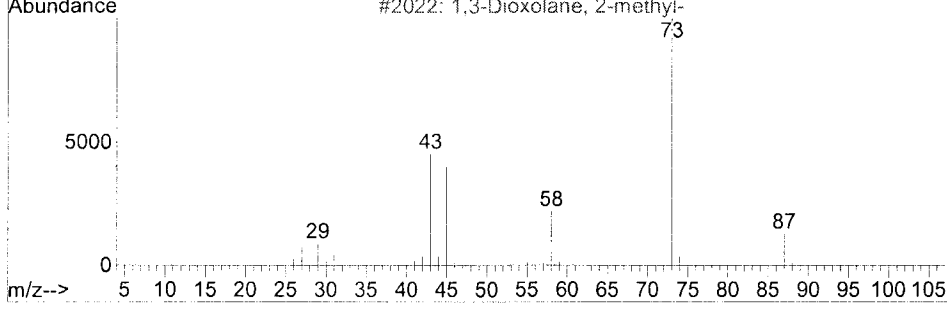
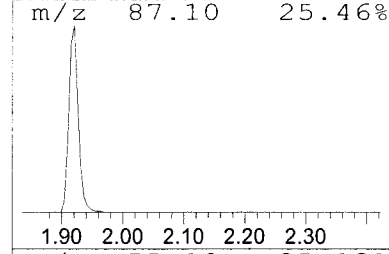
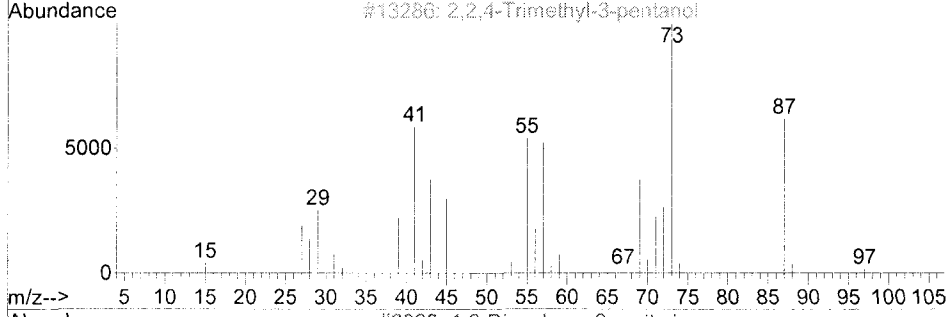
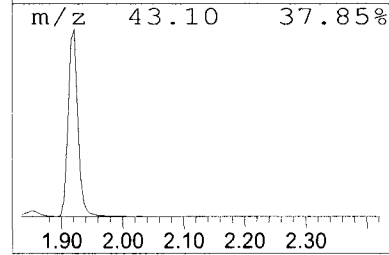
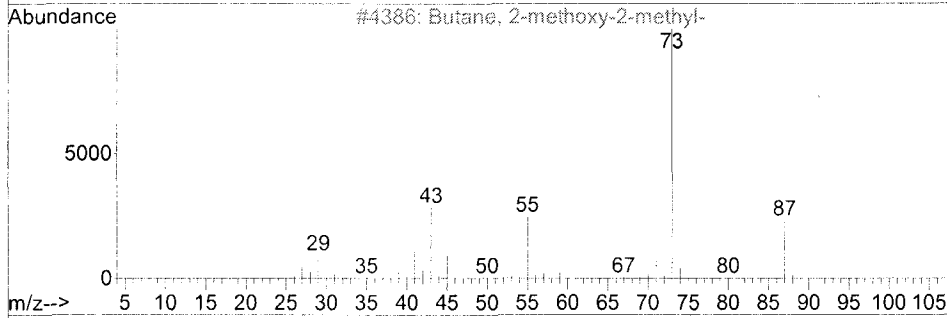
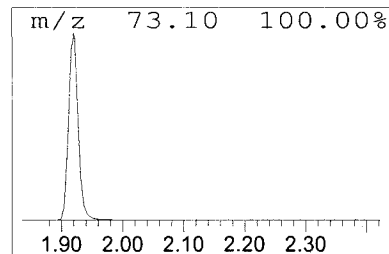
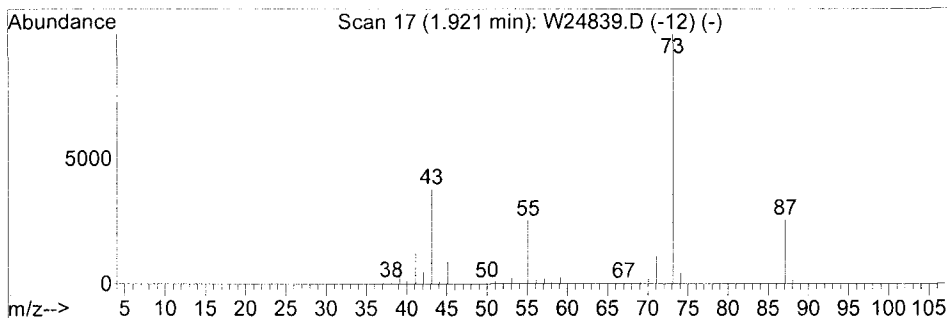
Vial: 27
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.92	206.71 ng	1395170	CI30 1,4-Dichloro	269981	5.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



Data File : C:\MSDCHEM\1\DATA\070208\W24839.D

Vial: 27

Acq On : 2 Jul 2008 18:19

Operator: AJ

Sample : SBLK103 AS80007663

Inst : Instrumen

Misc : 08-7691

Multiplr: 1.00

MS Integration Params: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Concl
Butane, 2-methoxy...	1.92	206.7	ng	1395170	1	5.93	269981	40.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833902Sample wt/vol: 30.35 (g/mL) G Lab File ID: W24902.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

83-32-9-----	Acenaphthene		170	U
208-96-8-----	Acenaphthylene		170	U
98-86-2-----	Acetophenone		170	U
120-12-7-----	Anthracene		170	U
1912-24-9-----	Atrazine		170	U
100-52-7-----	Benzaldehyde		170	U
56-55-3-----	Benzo (a) anthracene		170	U
205-99-2-----	Benzo (b) fluoranthene		170	U
207-08-9-----	Benzo (k) fluoranthene		170	U
191-24-2-----	Benzo (ghi) perylene		170	U
50-32-8-----	Benzo (a) pyrene		170	U
92-52-4-----	Biphenyl		170	U
111-91-1-----	Bis (2-chloroethoxy) methane		170	U
111-44-4-----	Bis (2-chloroethyl) ether		170	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		170	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		170	U
101-55-3-----	4-Bromophenyl phenyl ether		170	U
85-68-7-----	Butyl benzyl phthalate		170	U
105-60-2-----	Caprolactam		170	U
106-47-8-----	4-Chloroaniline		170	U
59-50-7-----	4-Chloro-3-methylphenol		170	U
91-58-7-----	2-Chloronaphthalene		170	U
95-57-8-----	2-Chlorophenol		170	U
7005-72-3-----	4-Chlorophenyl phenyl ether		170	U
86-74-8-----	Carbazole		170	U
218-01-9-----	Chrysene		14	J
53-70-3-----	Dibenzo (a, h) anthracene		170	U
132-64-9-----	Dibenzofuran		170	U
84-74-2-----	Di-n-butyl phthalate		170	U
91-94-1-----	3,3'-Dichlorobenzidine		170	U
120-83-2-----	2,4-Dichlorophenol		170	U
84-66-2-----	Diethyl phthalate		170	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833902Sample wt/vol: 30.35 (g/mL) G Lab File ID: W24902.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

105-67-9-----	2,4-Dimethylphenol	170	U
131-11-3-----	Dimethyl phthalate	170	U
534-52-1-----	4,6-Dinitro-2-methylphenol	330	U
51-28-5-----	2,4-Dinitrophenol	330	U
121-14-2-----	2,4-Dinitrotoluene	170	U
606-20-2-----	2,6-Dinitrotoluene	170	U
117-84-0-----	Di-n-octyl phthalate	170	U
206-44-0-----	Fluoranthene	170	U
86-73-7-----	Fluorene	170	U
118-74-1-----	Hexachlorobenzene	170	U
87-68-3-----	Hexachlorobutadiene	170	U
77-47-4-----	Hexachlorocyclopentadiene	170	U
67-72-1-----	Hexachloroethane	170	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	170	U
78-59-1-----	Isophorone	170	U
91-57-6-----	2-Methylnaphthalene	170	U
95-48-7-----	2-Methylphenol	170	U
106-44-5-----	4-Methylphenol	170	U
91-20-3-----	Naphthalene	170	U
88-74-4-----	2-Nitroaniline	330	U
99-09-2-----	3-Nitroaniline	330	U
100-01-6-----	4-Nitroaniline	330	U
98-95-3-----	Nitrobenzene	170	U
88-75-5-----	2-Nitrophenol	170	U
100-02-7-----	4-Nitrophenol	330	U
86-30-6-----	N-nitrosodiphenylamine	170	U
621-64-7-----	N-Nitroso-Di-n-propylamine	170	U
87-86-5-----	Pentachlorophenol	330	U
85-01-8-----	Phenanthrene	170	U
108-95-2-----	Phenol	170	U
129-00-0-----	Pyrene	170	U
95-95-4-----	2,4,5-Trichlorophenol	170	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833902

Sample wt/vol: 30.35 (g/mL) G Lab File ID: W24902.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

88-06-2-----	2,4,6-Trichlorophenol	170	U
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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK109

Lab Name: TestAmerica Laborat Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833902Sample wt/vol: 30.35 (g/mL) G Lab File ID: W24902.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____Number TICs found: 1

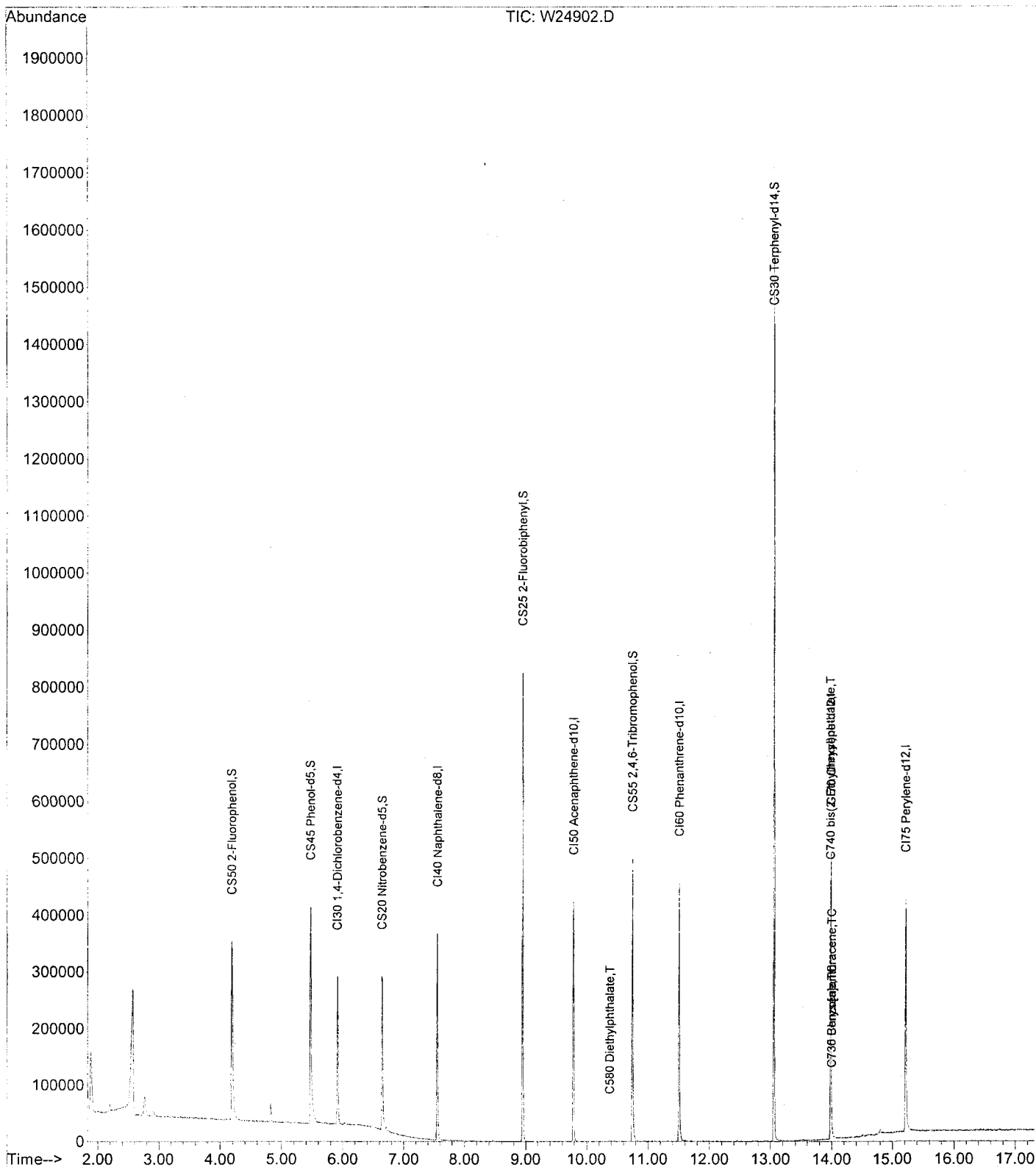
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.89	890	J

Data File : C:\MSDCHEM\1\DATA\070808\W24902.D
 Acq On : 8 Jul 2008 4:47 pm
 Sample : SBLK109 AS8007819
 Misc : 08-7940/971/988
 MS Integration Params: rteint.p

Vial: 16
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 09 09:17:37 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070808\W24902.D
 Acq On : 8 Jul 2008 4:47 pm
 Sample : SBLK109 AS8007819
 Misc : 08-7940/971/988
 MS Integration Params: rteint.p
 Quant Time: Jul 09 09:17:37 2008

Vial: 16
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24888.D (8 Jul 2008 11:23 am)

*SA
 7-9-08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	48478	40.00	ng	0.00	104.94%
20) CI40 Naphthalene-d8	7.56	136	201180	40.00	ng	0.00	100.18%
35) CI50 Acenaphthene-d10	9.78	164	107278	40.00	ng	0.00	96.41%
56) CI60 Phenanthrene-d10	11.50	188	191762	40.00	ng	0.00	100.28%
68) CI70 Chrysene-d12	13.98	240	196340	40.00	ng	0.00	88.39%
78) CI75 Perylene-d12	15.21	264	173524	40.00	ng	0.00	93.34%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.19	112	154630	88.16	ng	0.00	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	58.77%	
5) CS45 Phenol-d5	5.47	99	213972	100.72	ng	0.00	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	67.15%	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.64	82	118320	66.72	ng	0.00	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	66.72%	
39) CS25 2-Fluorobiphenyl	8.95	172	276723	73.42	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	73.42%	
59) CS55 2,4,6-Tribromophenol	10.75	330	58575	118.62	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	79.08%	
71) CS30 Terphenyl-d14	13.05	244	414397	90.56	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	90.56%	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	0.00	93	0	N.D.		
7) C315 Phenol	0.00	94	0	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

*mt
 8/7/08*

Data File : C:\MSDCHEM\1\DATA\070808\W24902.D
 Acq On : 8 Jul 2008 4:47 pm
 Sample : SBLK109 AS8007819
 Misc : 08-7940/971/988
 MS Integration Params: rteint.p
 Quant Time: Jul 09 09:17:37 2008

Vial: 16
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24888.D (8 Jul 2008 11:23 am)

*SS
 AS
 7-9-08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	0.00	153	0	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	10.38	149	2637	0.71 ng	#	60	
54) C620 1,2 diphenylhydrazin	0.00	77	0	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	0.00	178	0	N.D.			
64) C645 Anthracene	0.00	178	0	N.D.			
65) C647 carbazole	0.00	167	0	N.D.			
66) C650 Di-n-butylphthalate	12.12	149	442	N.D.			
67) C655 Fluoranthene	0.00	202	0	N.D.			
69) C715 Pyrene	13.05	202	1174	N.D.			
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalat	13.49	149	439	N.D.			
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	14.00	228	2484	0.40 ng		82	
75) C735 Chrysene	14.00	228	2484	0.42 ng		85	
76) C740 bis(2-Ethylhexyl)phthn	13.97	149	3752	0.85 ng		90	
77) C760 Di-n-octylphthalate	14.50	149	1414	N.D.			
79) C765 Benzo[b]fluoranthen	0.00	252	0	N.D.			
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D.			
81) C775 Benzo[a]pyrene	15.21	252	564	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

mtg/has

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\070808\W24902.D Vial: 16
 Acq On : 8 Jul 2008 16:47 Operator: AJ
 Sample : SBLK109 AS8007819 Inst : Instrumen
 Misc : 08-7940/971/988 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 16 12:08:47 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Wed Jul 16 12:08:16 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24889.D (8 Jul 2008 11:46)

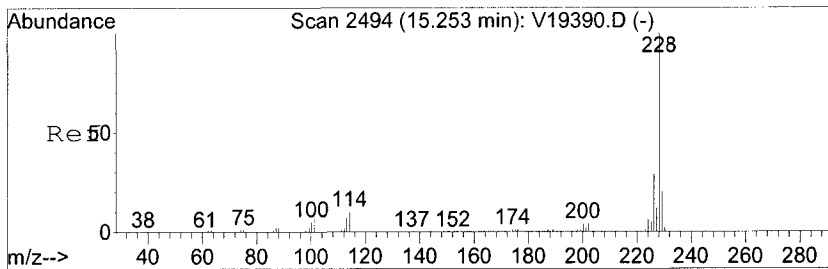
Handwritten: 7-16-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	48478	40.00	ng	0.00 75.49%
4) CI40 Naphthalene-d8	7.56	136	201180	40.00	ng	0.00 85.09%
7) CI50 Acenaphthene-d8	9.78	164	107278	40.00	ng	0.00 86.68%
10) CI60 Phenanthrene-d10	11.50	188	191762	40.00	ng	0.00 100.11%
12) CI70 Chrysene-d12	13.98	240	196340	40.00	ng	0.00 96.35%
13) CI75 Perylene-d12	15.21	264	173524	40.00	ng	0.00 90.23%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	0.00	77	0	N.D.		
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

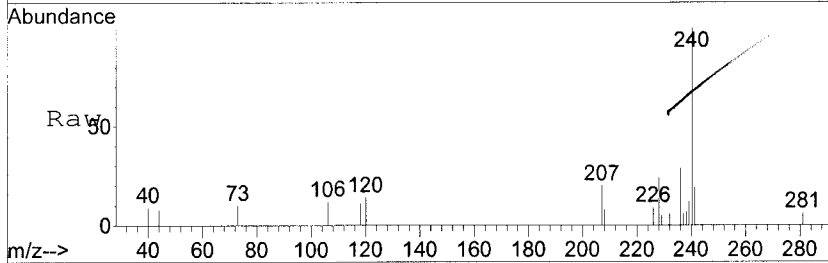
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Handwritten signature: m/8/12/08

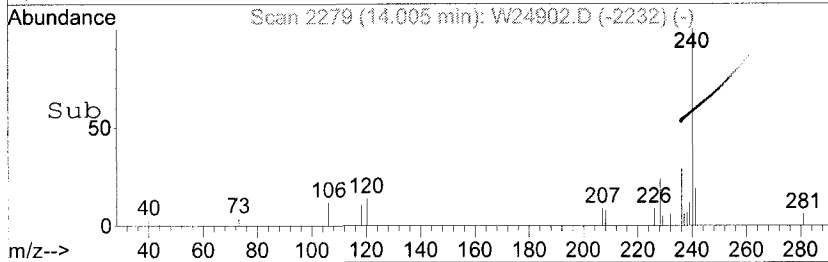
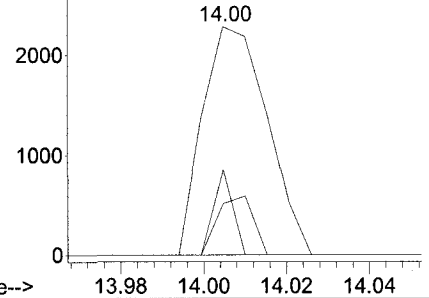


#75
C735 Chrysene
Concen: 0.42 ng
RT: 14.00 min Scan# 2279
Delta R.T. -0.00 min
Lab File: W24902.D
Acq: 8 Jul 2008 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.5	7.1	47.1
229	22.7	0.0	38.8



Abundance Ion 228.00 (227.50 to 228.50): W2490
Ion 226.00 (225.50 to 226.50): W2490
Ion 229.00 (228.50 to 229.50): W2490



Data File : C:\MSDCHEM\1\DATA\070808\W24902.D
 Acq On : 8 Jul 2008 16:47
 Sample : SBLK109 AS8007819
 Misc : 08-7940/971/988
 MS Integration Params: LSCINT.P

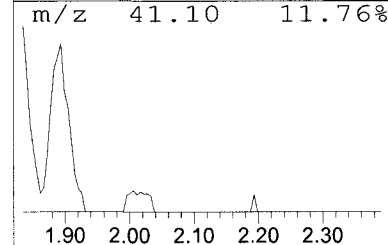
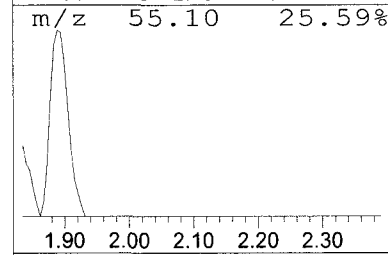
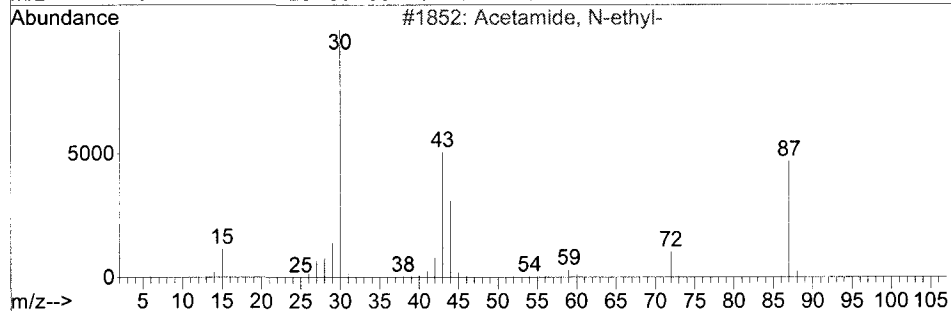
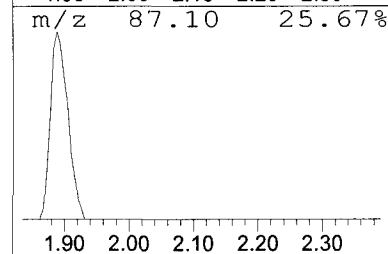
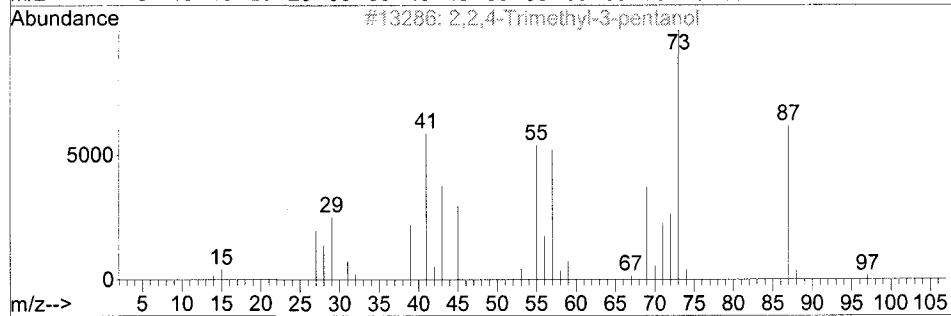
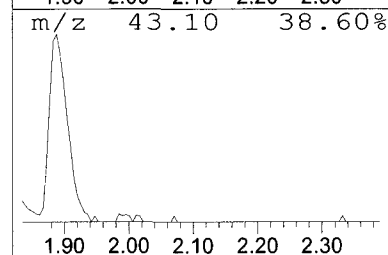
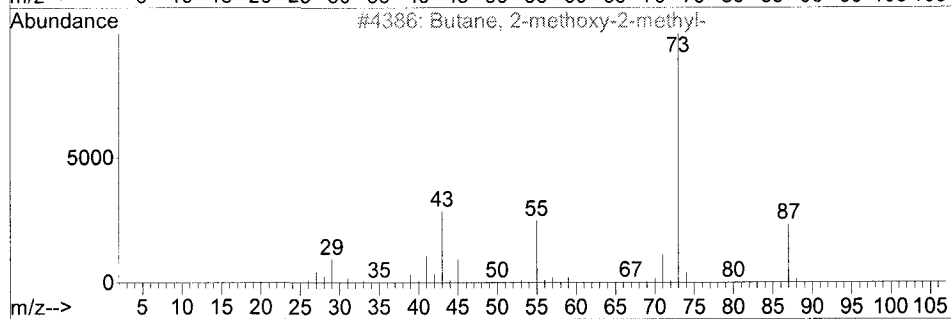
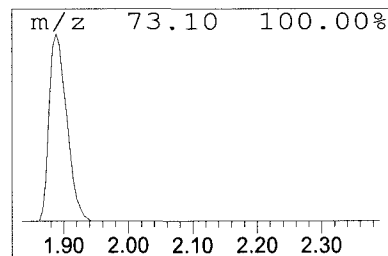
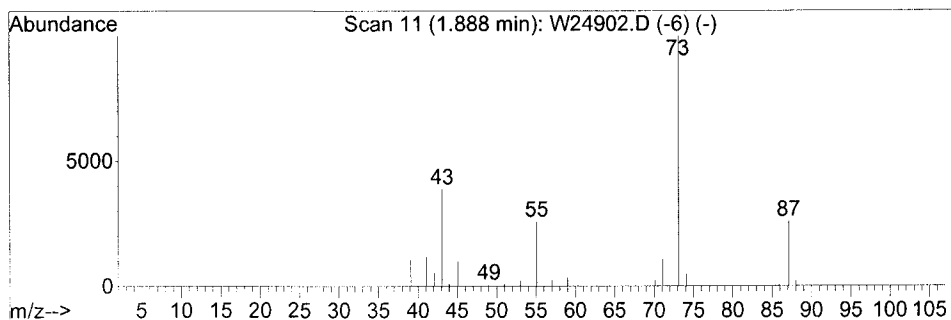
Vial: 16
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.89	27.11 ng	205136	CI30 1,4-Dichloro	302668	5.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data File : C:\MSDCHEM\1\DATA\070808\W24902.D
 Acq On : 8 Jul 2008 16:47
 Sample : SBLK109 AS8007819
 Misc : 08-7940/971/988
 MS Integration Params: LSCINT.P

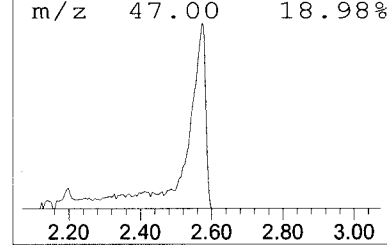
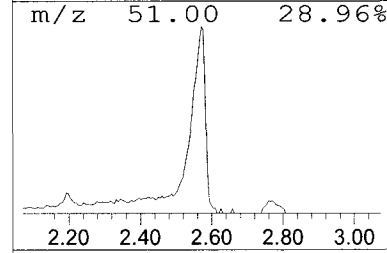
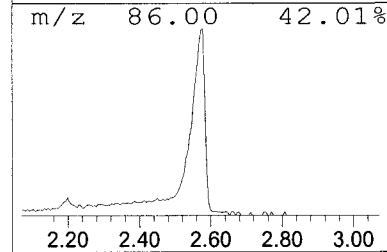
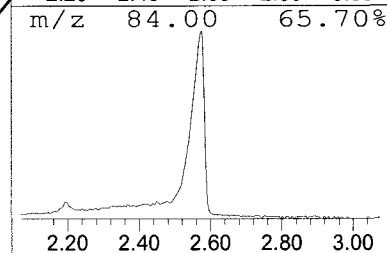
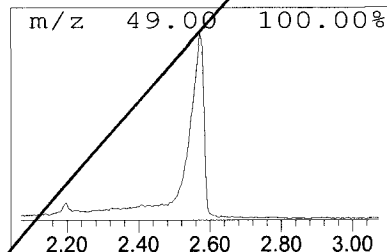
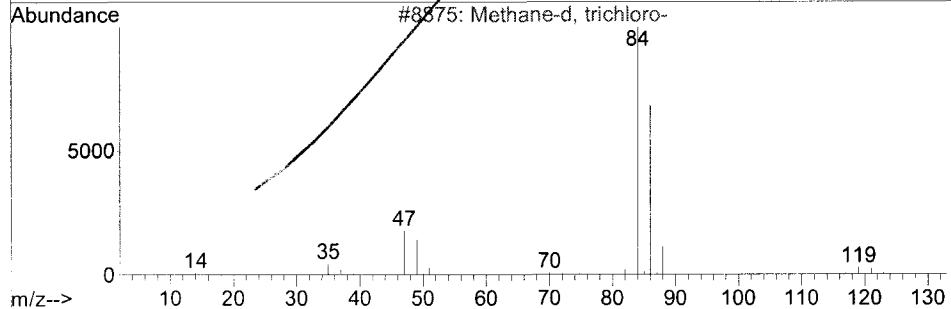
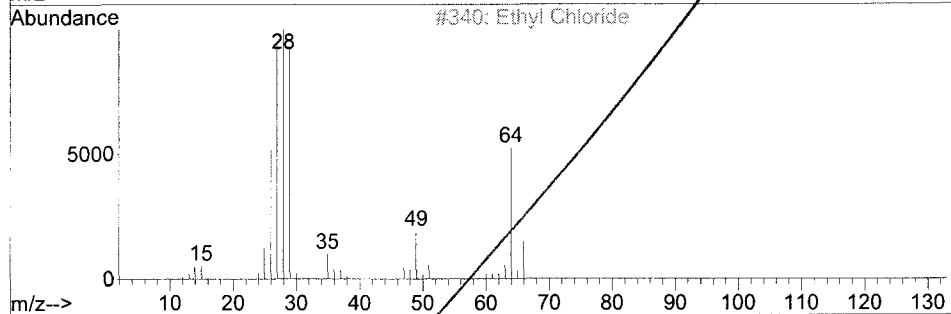
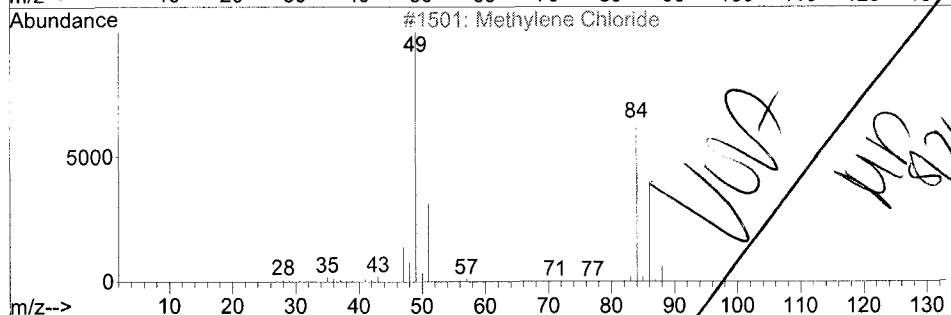
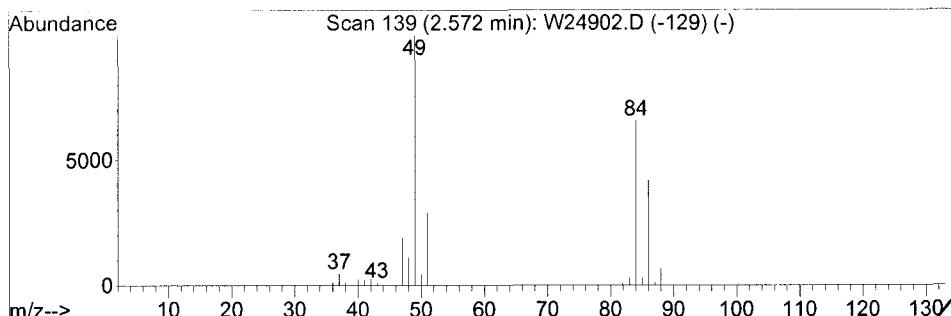
Vial: 16
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 2 Methylene Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.57	72.68 ng	549938	CI30 1,4-Dichloro	302668	5.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylene Chloride	84	CH2Cl2	000075-09-2	95
2		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
3		Methane-d, trichloro-	119	CDCl3	000865-49-6	4
4		Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
5		1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	1



Data File : C:\MSDCHEM\1\DATA\070808\W24902.D
 Acq On : 8 Jul 2008 16:47
 Sample : SBLK109 AS8007819
 Misc : 08-7940/971/988
 MS Integration Params: LSCINT.P

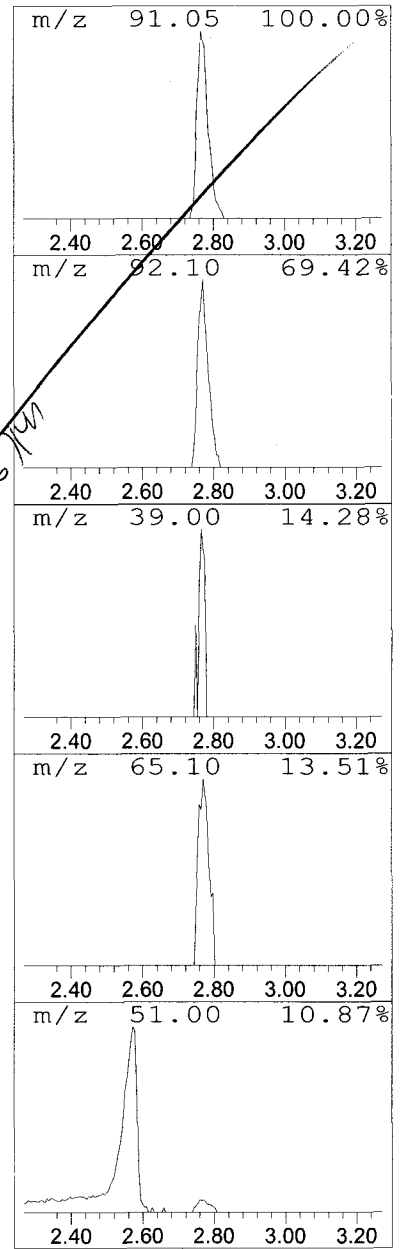
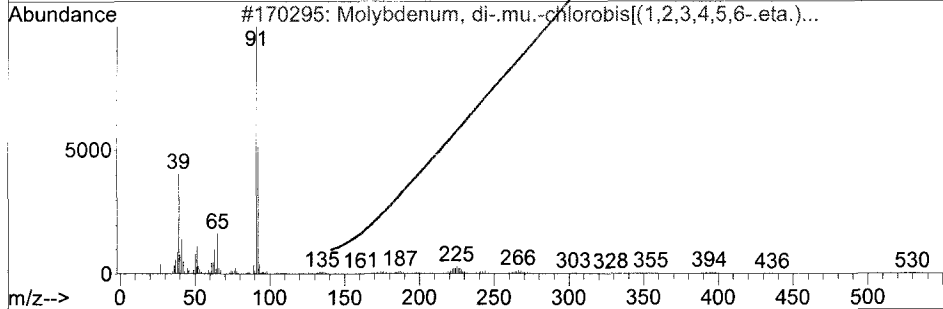
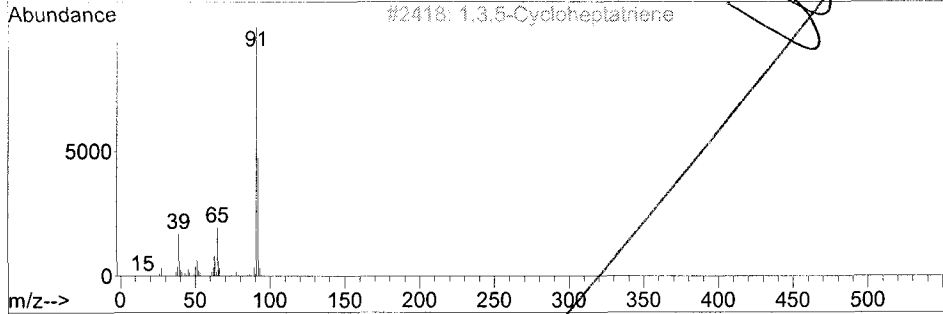
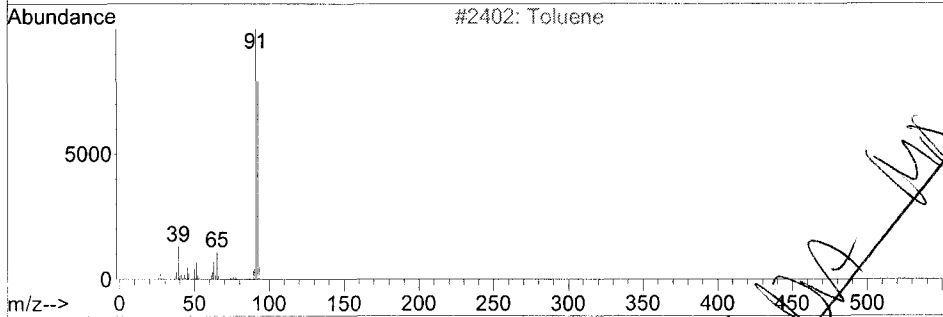
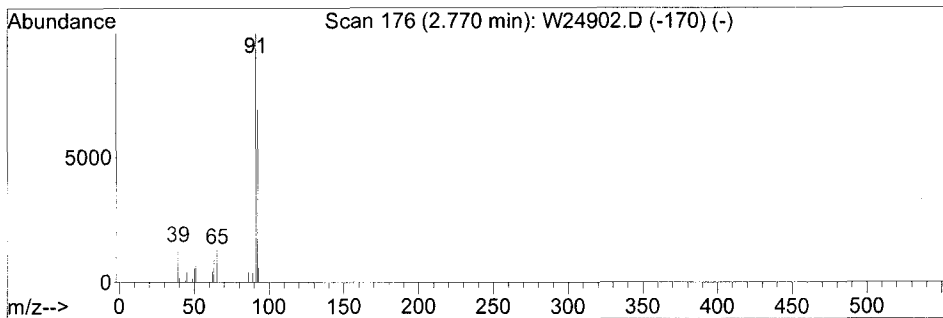
Vial: 16
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 3 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.77	9.83 ng	74373	CI30 1,4-Dichloro	302668	5.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	87
2		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80
3		Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	78
4		1,5-Heptadien-3-yne	92	C7H8	003511-27-1	72
5		Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	50



Data File : C:\MSDCHEM\1\DATA\070808\W24902.D
 Acq On : 8 Jul 2008 16:47
 Sample : SBLK109 AS8007819
 Misc : 08-7940/971/988
 MS Integration Params: LSCINT.P

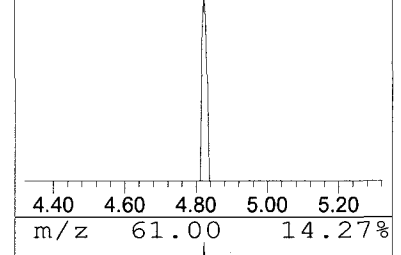
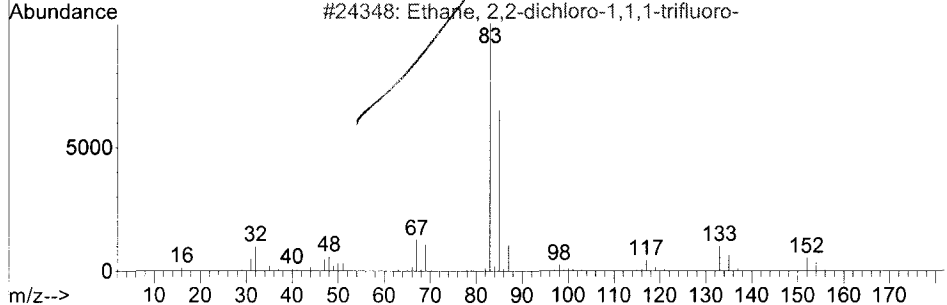
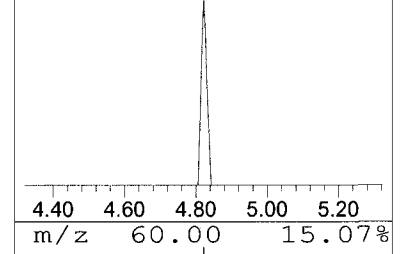
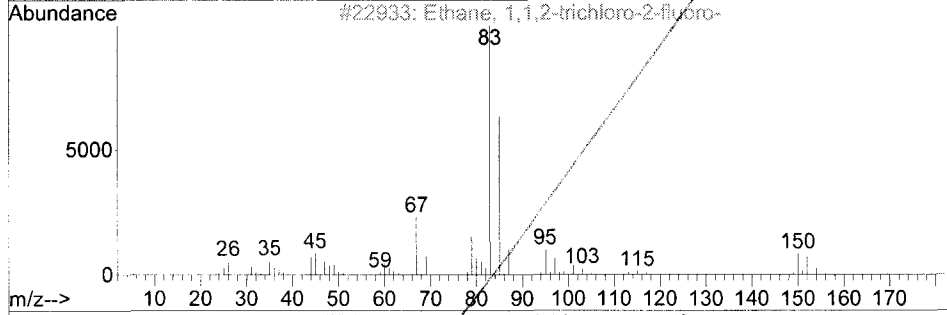
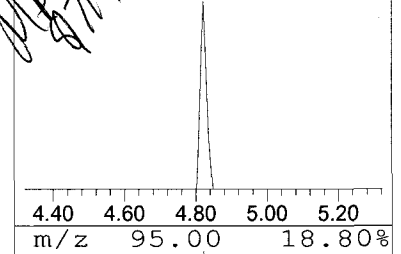
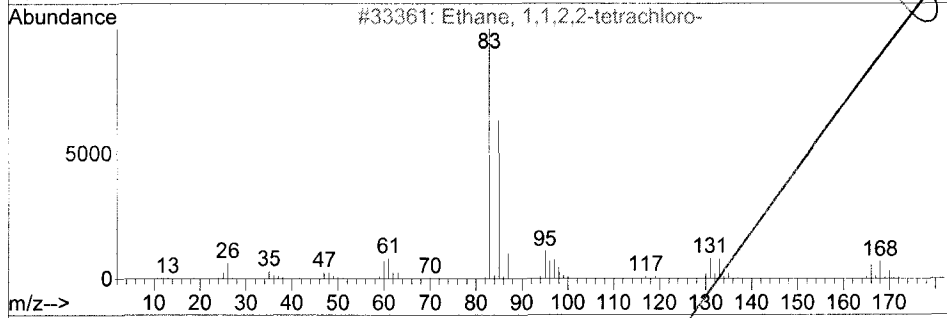
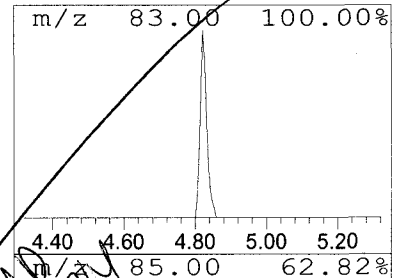
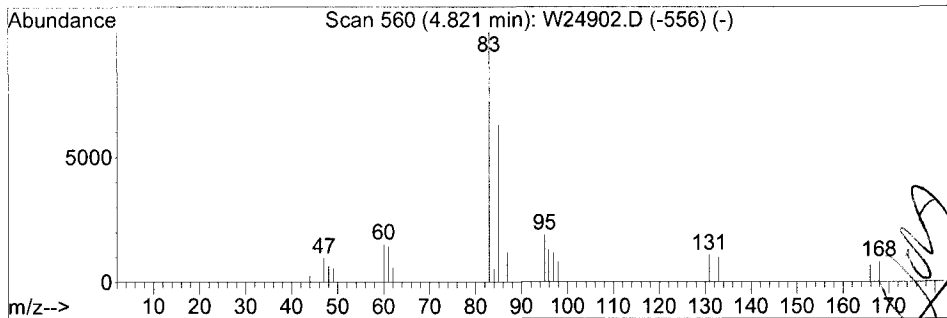
Vial: 16
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Library : C:\DATABASE\NIST02.L

 Peak Number 4 Ethane, 1,1,2,2-tetrachloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.82	5.80 ng	43863	CI30 1,4-Dichloro	302668	5.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	90
2			Ethane, 1,1,2-trichloro-2-fluoro-	150	C2H2Cl3F	000359-28-4	72
3			Ethane, 2,2-dichloro-1,1,1-trifl...	152	C2HCl2F3	000306-83-2	50
4			Ethane, 1,2,2-trichloro-1,1-difl...	168	C2HCl3F2	000354-21-2	42
5			Ethane, 1,1-dichloro-2,2-difluoro-	134	C2H2Cl2F2	000471-43-2	38



Data File : C:\MSDCHEM\1\DATA\070808\W24902.D
Acq On : 8 Jul 2008 16:47
Sample : SBLK109 AS8007819
Misc : 08-7940/971/988
MS Integration Params: LSCINT.P

Vial: 16
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

TIC Top Hit name	RT	EstConc	Units	Response	#	---Internal Standard---		
						RT	Resp	Concl
Butane, 2-methoxy...	1.89	27.1	ng	205136	1	5.92	302668	40.0
Methylene Chloride	2.57	72.7	ng	549938	1	5.92	302668	40.0
Toluene	2.77	9.8	ng	74373	1	5.92	302668	40.0
Ethane, 1,1,2,2-t...	4.82	5.8	ng	43863	1	5.92	302668	40.0

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798812Sample wt/vol: 30.35 (g/mL) G Lab File ID: X25516.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

83-32-9-----	Acenaphthene		170	U
208-96-8-----	Acenaphthylene		170	U
98-86-2-----	Acetophenone		170	U
120-12-7-----	Anthracene		170	U
1912-24-9-----	Atrazine		170	U
100-52-7-----	Benzaldehyde		170	U
56-55-3-----	Benzo (a) anthracene		170	U
205-99-2-----	Benzo (b) fluoranthene		170	U
207-08-9-----	Benzo (k) fluoranthene		170	U
191-24-2-----	Benzo (ghi) perylene		170	U
50-32-8-----	Benzo (a) pyrene		170	U
92-52-4-----	Biphenyl		170	U
111-91-1-----	Bis (2-chloroethoxy) methane		170	U
111-44-4-----	Bis (2-chloroethyl) ether		170	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		170	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		170	U
101-55-3-----	4-Bromophenyl phenyl ether		170	U
85-68-7-----	Butyl benzyl phthalate		170	U
105-60-2-----	Caprolactam		170	U
106-47-8-----	4-Chloroaniline		170	U
59-50-7-----	4-Chloro-3-methylphenol		170	U
91-58-7-----	2-Chloronaphthalene		170	U
95-57-8-----	2-Chlorophenol		170	U
7005-72-3-----	4-Chlorophenyl phenyl ether		170	U
86-74-8-----	Carbazole		170	U
218-01-9-----	Chrysene		21	J
53-70-3-----	Dibenzo (a, h) anthracene		170	U
132-64-9-----	Dibenzofuran		170	U
84-74-2-----	Di-n-butyl phthalate		170	U
91-94-1-----	3,3'-Dichlorobenzidine		170	U
120-83-2-----	2,4-Dichlorophenol		170	U
84-66-2-----	Diethyl phthalate		170	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798812Sample wt/vol: 30.35 (g/mL) G Lab File ID: X25516.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

105-67-9-----	2,4-Dimethylphenol	170	U
131-11-3-----	Dimethyl phthalate	170	U
534-52-1-----	4,6-Dinitro-2-methylphenol	330	U
51-28-5-----	2,4-Dinitrophenol	330	U
121-14-2-----	2,4-Dinitrotoluene	170	U
606-20-2-----	2,6-Dinitrotoluene	170	U
117-84-0-----	Di-n-octyl phthalate	170	U
206-44-0-----	Fluoranthene	170	U
86-73-7-----	Fluorene	170	U
118-74-1-----	Hexachlorobenzene	170	U
87-68-3-----	Hexachlorobutadiene	170	U
77-47-4-----	Hexachlorocyclopentadiene	170	U
67-72-1-----	Hexachloroethane	170	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	170	U
78-59-1-----	Isophorone	170	U
91-57-6-----	2-Methylnaphthalene	11	J
95-48-7-----	2-Methylphenol	170	U
106-44-5-----	4-Methylphenol	170	U
91-20-3-----	Naphthalene	170	U
88-74-4-----	2-Nitroaniline	330	U
99-09-2-----	3-Nitroaniline	330	U
100-01-6-----	4-Nitroaniline	330	U
98-95-3-----	Nitrobenzene	170	U
88-75-5-----	2-Nitrophenol	170	U
100-02-7-----	4-Nitrophenol	330	U
86-30-6-----	N-nitrosodiphenylamine	170	U
621-64-7-----	N-Nitroso-Di-n-propylamine	170	U
87-86-5-----	Pentachlorophenol	330	U
85-01-8-----	Phenanthrene	170	U
108-95-2-----	Phenol	170	U
129-00-0-----	Pyrene	170	U
95-95-4-----	2,4,5-Trichlorophenol	170	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SBLK109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798812

Sample wt/vol: 30.35 (g/mL) G Lab File ID: X25516.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol_____	170	U

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK109 RI

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798812

Sample wt/vol: 30.35 (g/mL) G Lab File ID: X25516.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

Data File : D:\DATA\080408\X25516.D

Vial: 53

Acq On : 5 Aug 2008 5:19

Operator: AJ

Sample : SBLK99 AS8007819 (A8798812)

Inst : HP5973X

Misc : 08-7988/7940

Multiplr: 1.00

MS Integration Params: rteint.p

No ADP
3481458
No TLK

Quant Time: Aug 05 10:03:28 2008 Results File: A8I0548.RES

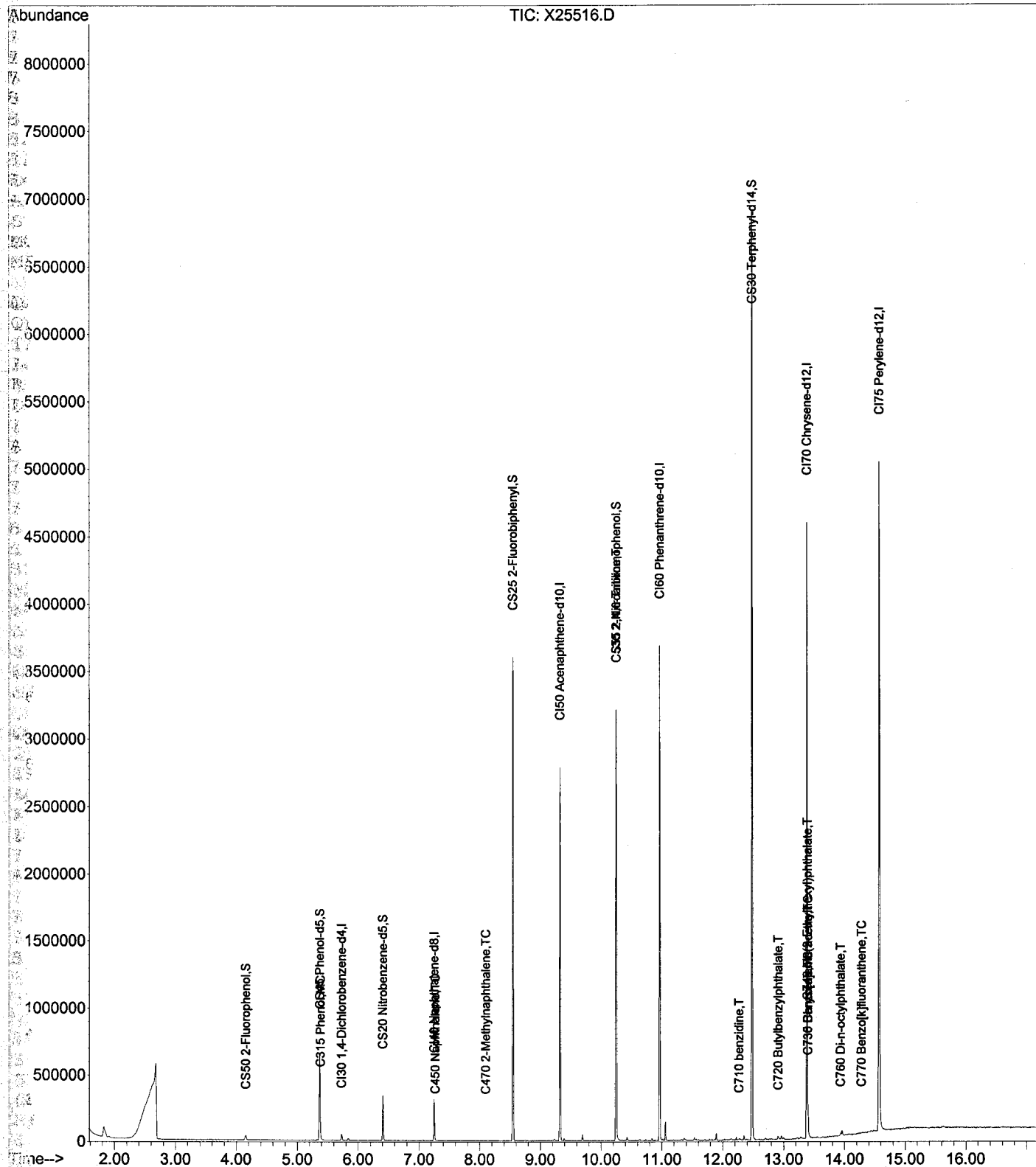
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Tue Aug 05 09:59:01 2008

Response via : Initial Calibration

DataAcq Meth : 8270BP



Data File : D:\DATA\080408\X25516.D

Vial: 53

Acq On : 5 Aug 2008 5:19

Operator: AJ

Sample : SBLK99 AS8007819

Inst : HP5973X

Misc : 08-7988/7940

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Aug 05 10:03:28 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Tue Aug 05 09:59:01 2008

Response via : Initial Calibration

DataAcq Meth : 8270BP

IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	7133	40.00	ng	0.00 1.82%
20) CI40 Naphthalene-d8	7.25	136	124888	40.00	ng	0.00 8.45%
35) CI50 Acenaphthene-d10	9.32	164	590199	40.00	ng	0.00 76.67%
56) CI60 Phenanthrene-d10	10.96	188	1212742	40.00	ng	0.00 85.51%
68) CI70 Chrysene-d12	13.38	240	1385701	40.00	ng	0.00 98.34%
73) CI75 Perylene-d12	14.57	264	1727215	40.00	ng	0.00 96.23%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.16	112	17021	58.40	ng	0.01
Spiked Amount	150.000	Range	21 - 110	Recovery	=	38.93%
5) CS45 Phenol-d5	5.37	99	267738	673.02	ng	0.00
Spiked Amount	150.000	Range	10 - 110	Recovery	=	448.68%#
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	6.41	82	109545	76.37	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	76.37%
39) CS25 2-Fluorobiphenyl	8.55	172	1141002	55.20	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	55.20%
59) CS55 2,4,6-Tribromophenol	10.25	330	387788	131.97	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	87.98%
71) CS30 Terphenyl-d14	12.48	244	2065583	63.28	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	63.28%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl) e	0.00	93	0	N.D.		
7) C315 Phenol	5.38	94	232	0.54	ng	# 1
3) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	6.43	77	167	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : D:\DATA\080408\X25516.D
 Acq On : 5 Aug 2008 5:19
 Sample : SBLK99 AS8007819
 Misc : 08-7988/7940

Vial: 53
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 10:03:28 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

5/1
 12/5/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	7.28	128	2227	0.64	ng		69
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	8.10	142	767	0.34	ng		99
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	8.68	162	171	N.D.			
41) C530 2-Nitroaniline	10.24	65	3440	0.49	ng	#	1
42) C540 Acenaphthylene	9.16	152	365	N.D.			
43) C535 Dimethylphthalate	9.05	163	185	N.D.			
44) C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45) C550 Acenaphthene	0.00	153	0	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	9.56	168	162	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	9.97	166	182	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	9.88	149	503	N.D.			
54) C620 1,2-diphenylhydrazin	10.15	77	440	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	10.99	178	1712	N.D.			
64) C645 Anthracene	10.99	178	1712	N.D.			
65) C647 carbazole	11.89	167	2776	N.D.			
66) C650 Di-n-butylphthalate	11.57	149	2669	N.D.			
67) C655 Fluoranthene	12.12	202	1563	N.D.			
69) C715 Pyrene	12.32	202	531	N.D.			
70) C710 benzidine	12.26	184	1330	4.51	ng	#	65
72) C720 Butylbenzylphthalate	12.91	149	4239	0.21	ng		96
73) C725 3,3'-Dichlorobenzid	13.36	252	623	N.D.			
74) C730 Benzo[a]anthracene	13.40	228	26417	0.64	ng		93
75) C735 Chrysene	13.40	228	26417	0.64	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.40	149	27579	0.98	ng		91
77) C760 Di-n-octylphthalate	13.94	149	16874	4.67	ng		73
79) C765 Benzo[b]fluoranthene	14.27	252	409	N.D.			
80) C770 Benzo[k]fluoranthene	14.27	252	409	0.37	ng	#	60
81) C775 Benzo[a]pyrene	14.57	252	8224	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	15.52	276	184	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

12/8/08

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\080408\X25516.D Vial: 53
 Acq On : 5 Aug 2008 5:19 Operator: AJ
 Sample : SBLK99 AS8007819 Inst : HP5973X
 Misc : 08-7988/7940 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Aug 05 17:51:35 2008 Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Tue Aug 05 17:50:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

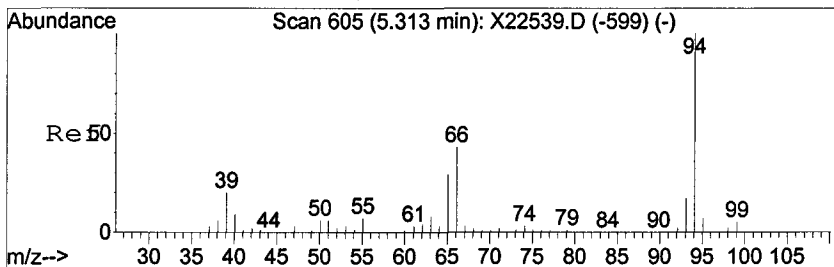
STE
08/05/08

Internal Standards	R.T.	QI on	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	7133	40.00	ng	0.00 2.87%
4) CI40 Naphthalene-d8	7.25	136	124888	40.00	ng	0.00 14.02%
7) CI50 Acenaphthene-d8	9.32	164	590199	40.00	ng	0.00 138.83%
10) CI60 Phenanthrene-d10	10.96	188	1212742	40.00	ng	0.00 195.57%
12) CI70 Chrysene-d12	13.38	240	1385701	40.00	ng	0.00 217.94%
13) CI75 Perylene-d12	14.57	264	1727215	40.00	ng	0.00 224.92%

Target Compounds	R.T.	QI on	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	5.37	77	249	0.90	ng	# 4
3) E145 Acetophenone	6.23	105	183	0.52	ng	# 68
5) E655 Caprolactam	0.00	113	0	N.D.		
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	8.66	154	374	N.D.		
9) E230 2,3,4,6-Tetrachloro	0.00	232	0	N.D.		
11) E510 Atrazine	0.00	200	0	N.D.		

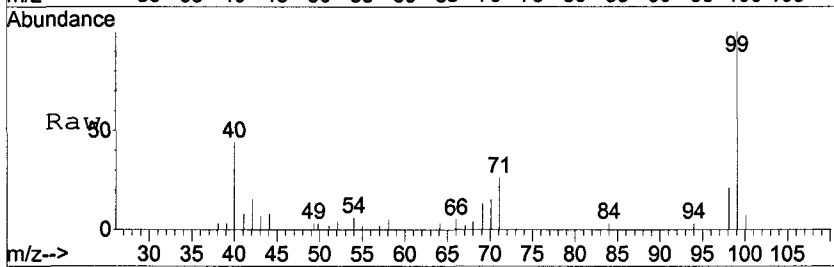
(#) = qualifier out of range (m) = manual integration (+) = signals summed

08/05/08

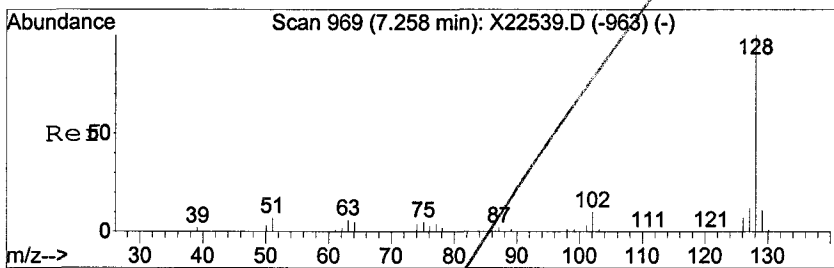
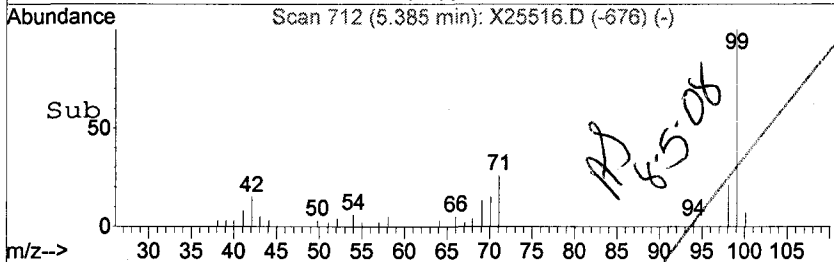
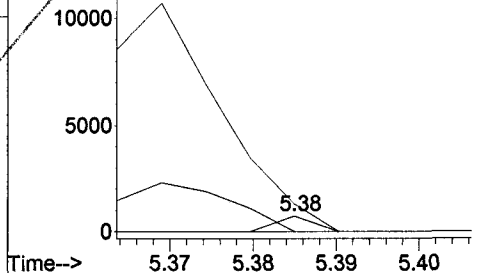


#7
 C315 Phenol
 Concen: 0.54 ng
 RT: 5.38 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

Tgt Ion	Resp	Lower	Upper
94	100		
65	0.0	12.7	52.7#
66	178.0	29.1	69.1#



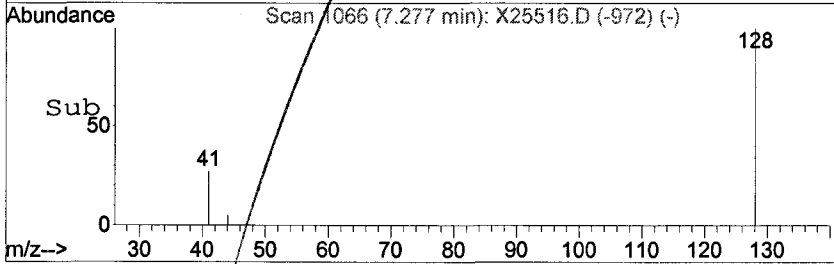
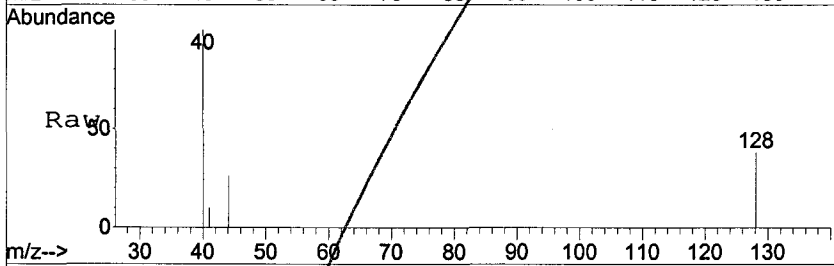
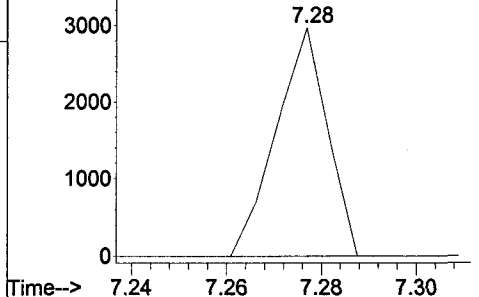
Abundance Ion 94.00 (93.50 to 94.50): X25516.D
 Ion 65.00 (64.50 to 65.50): X25516.D
 Ion 66.00 (65.50 to 66.50): X25516.D

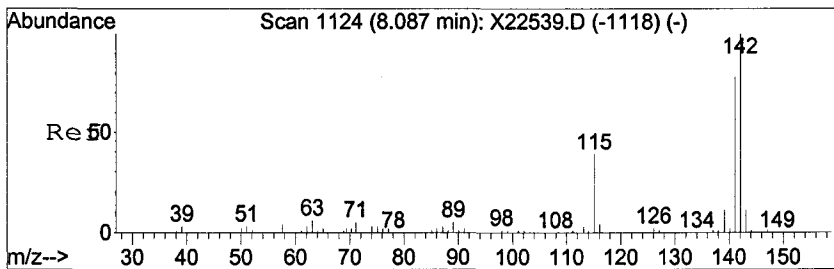


#30
 C450 Naphthalene
 Concen: 0.64 ng
 RT: 7.28 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

Tgt Ion	Resp	Lower	Upper
128	100		
129	0.0	0.0	31.0
127	0.0	0.0	32.6

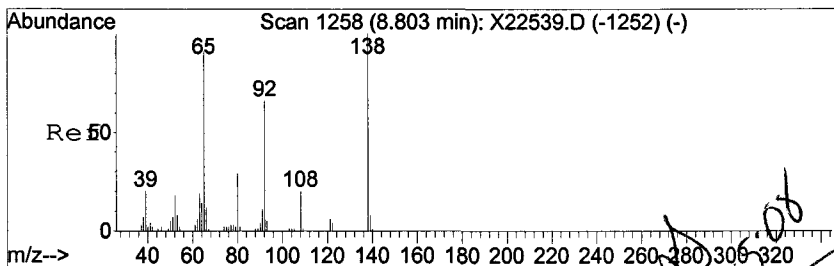
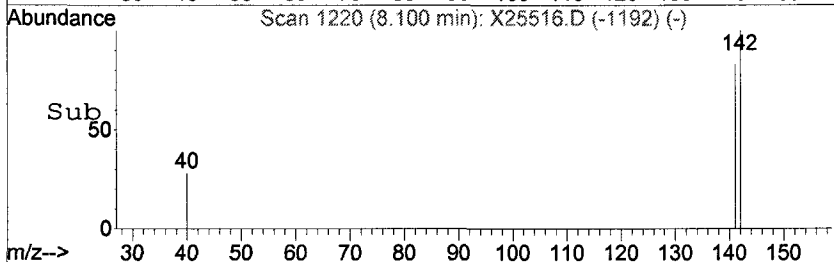
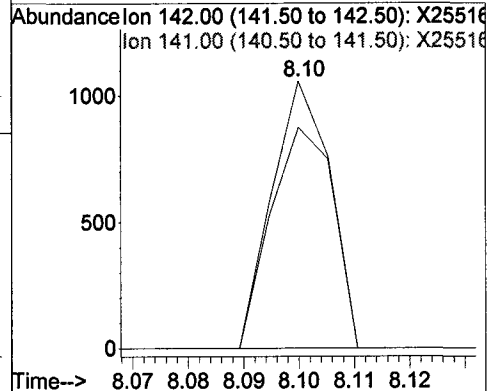
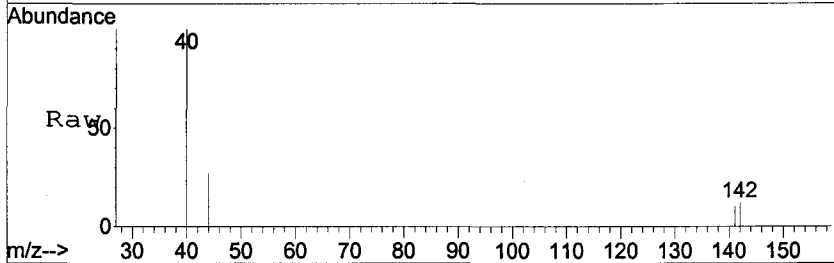
Abundance Ion 128.00 (127.50 to 128.50): X25516.D
 Ion 129.00 (128.50 to 129.50): X25516.D
 Ion 127.00 (126.50 to 127.50): X25516.D





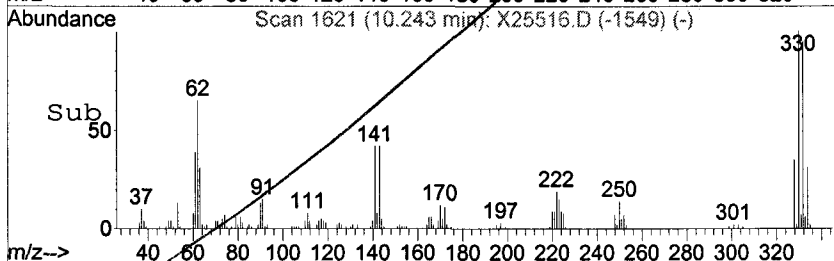
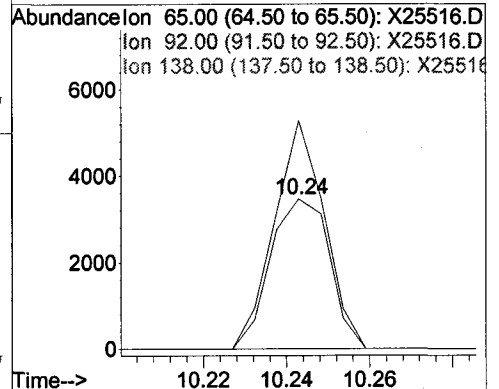
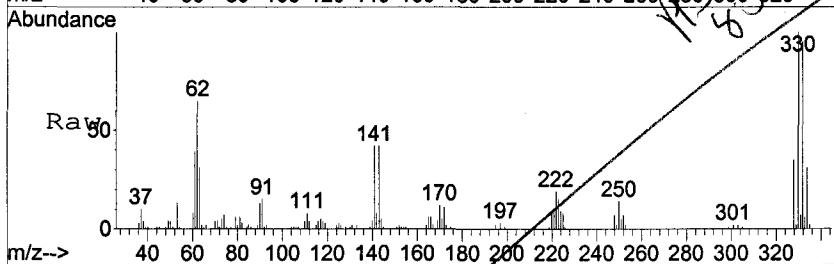
#34
 C470 2-Methylnaphthalene
 Concen: 0.34 ng
 RT: 8.10 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

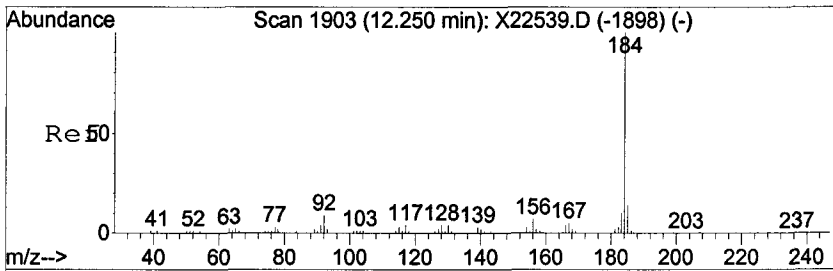
Tgt Ion: 142 Resp: 767
 Ion Ratio Lower Upper
 142 100
 141 82.7 63.2 103.2



#41
 C530 2-Nitroaniline
 Concen: 0.49 ng
 RT: 10.24 min Scan# 1621
 Delta R.T. 0.19 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

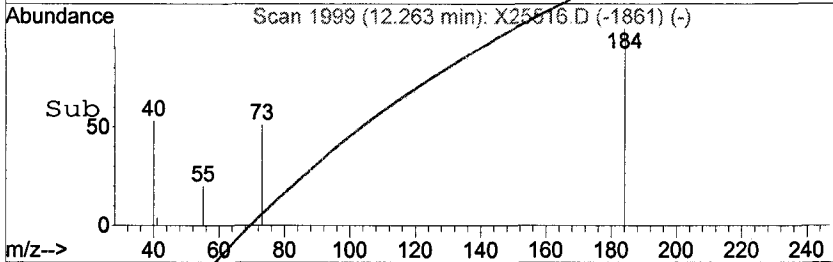
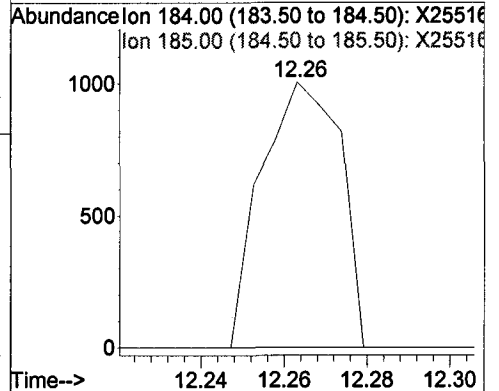
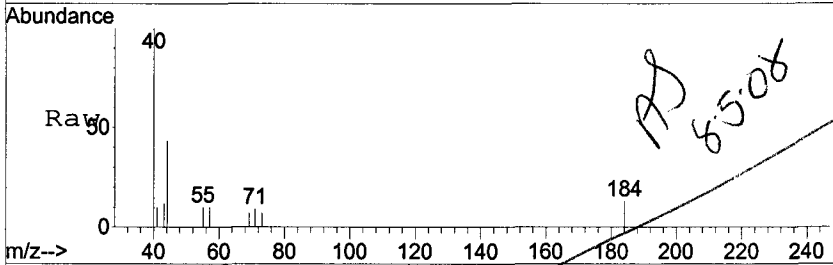
Tgt Ion: 65 Resp: 3440
 Ion Ratio Lower Upper
 65 100
 92 152.7 37.4 77.4#
 138 0.0 66.5 106.5#





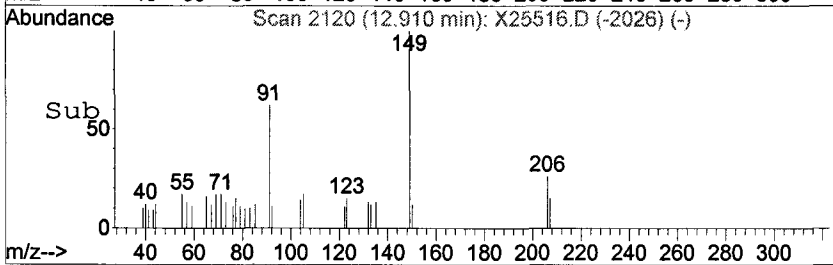
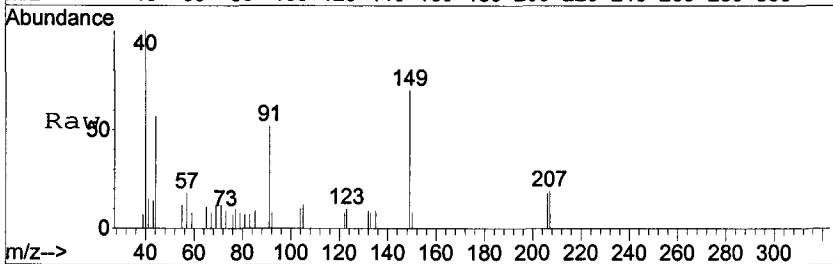
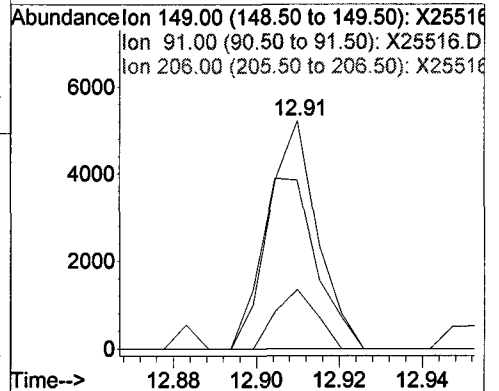
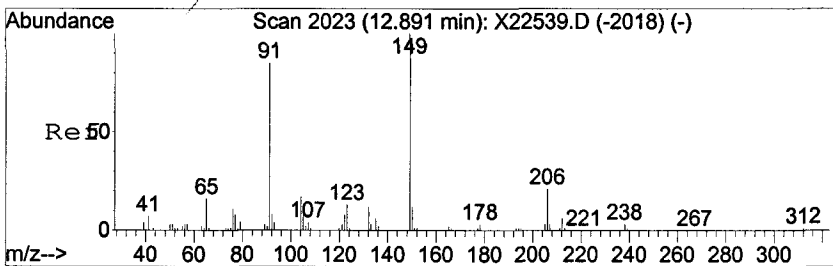
#70
 C710 benzidine
 Concen: 4.51 ng
 RT: 12.26 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

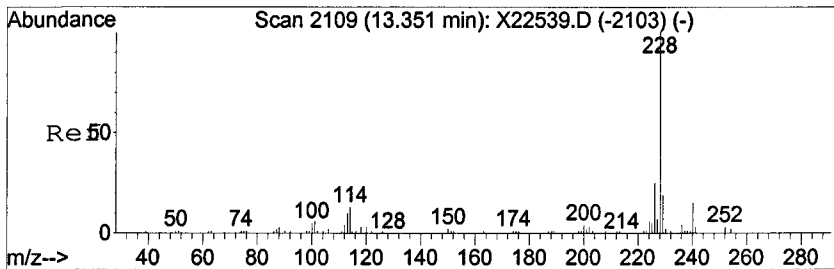
Tgt Ion	Resp	Lower	Upper
184	1330	100	
185	0.0	0.0	34.1



#72
 C720 Butylbenzylphthalate
 Concen: 0.21 ng
 RT: 12.91 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

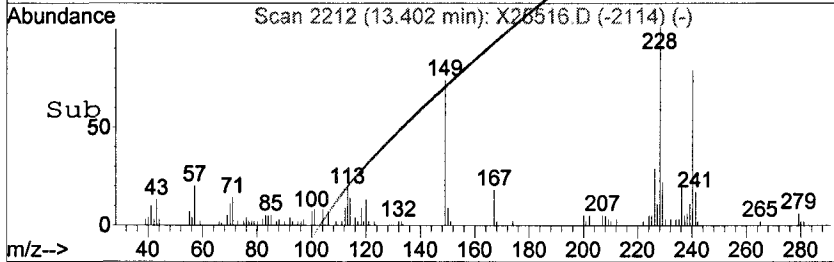
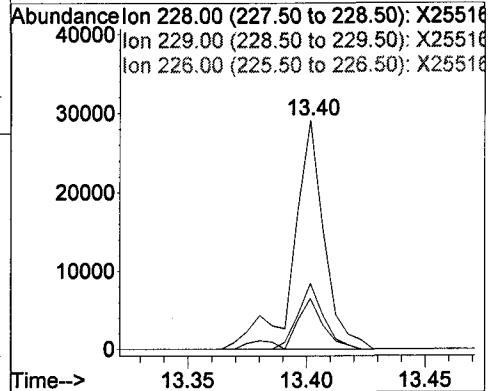
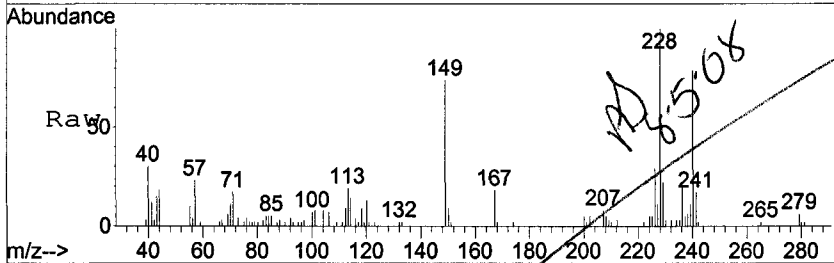
Tgt Ion	Resp	Lower	Upper
149	4239	100	
91	73.8	57.1	97.1
206	25.7	2.9	42.9





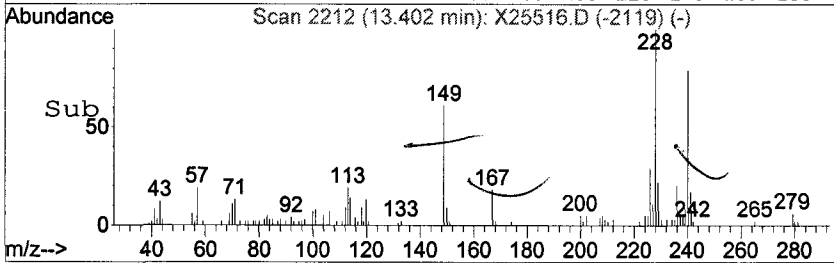
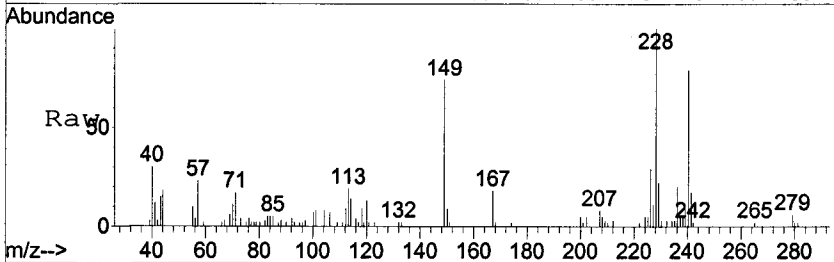
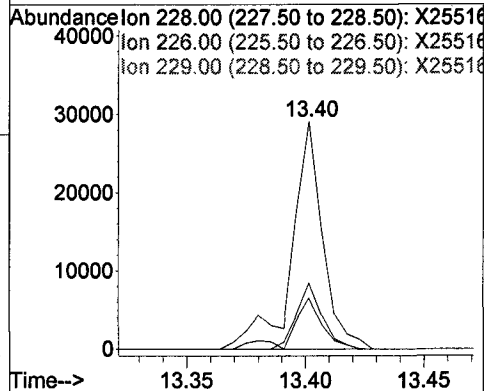
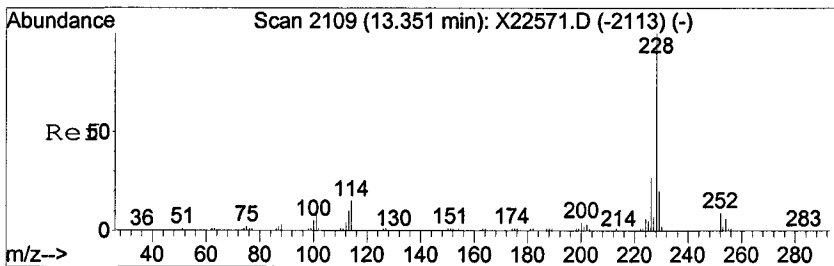
#74
 C730 Benzo[a]anthracene
 Concen: 0.64 ng
 RT: 13.40 min Scan# 2212
 Delta R.T. 0.03 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

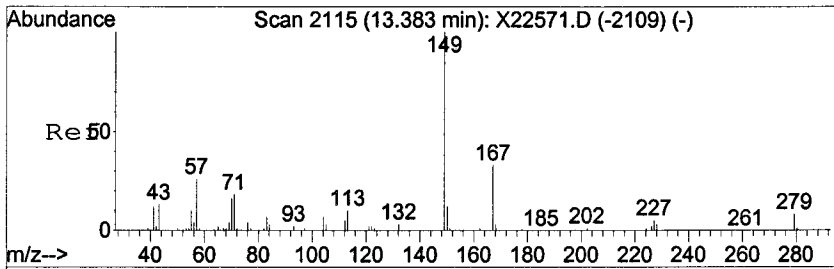
Tgt Ion	228	229	226	Resp	26417
Ion Ratio	100	22.4	28.9	Lower	0.0
				Upper	39.2
					45.5



#75
 C735 Chrysene
 Concen: 0.64 ng
 RT: 13.40 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

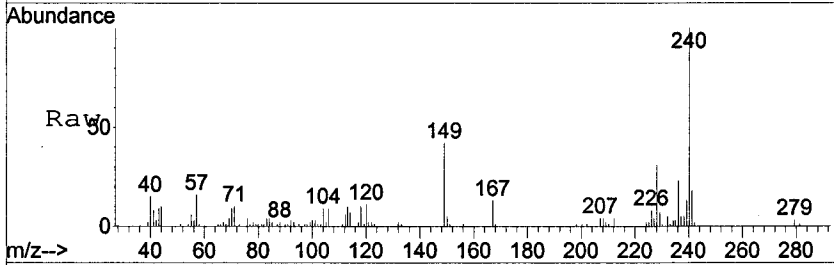
Tgt Ion	228	226	229	Resp	26417
Ion Ratio	100	28.9	22.4	Lower	8.5
				Upper	48.5
					39.5



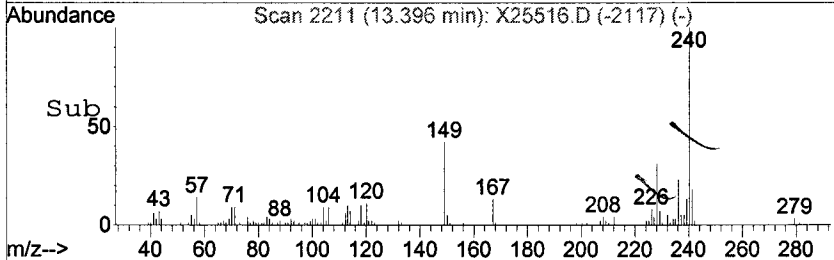
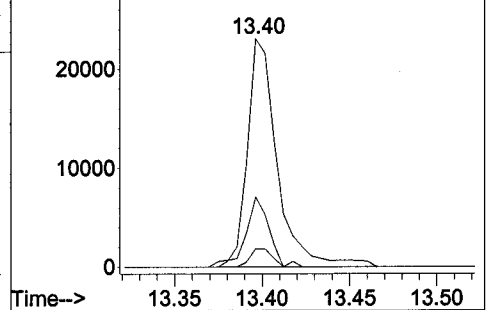


#76
 C740 bis(2-Ethylhexyl)phthalate
 Concen: 0.98 ng
 RT: 13.40 min Scan# 2211
 Delta R.T. -0.00 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	16.2	56.2
279	8.1	0.0	31.4

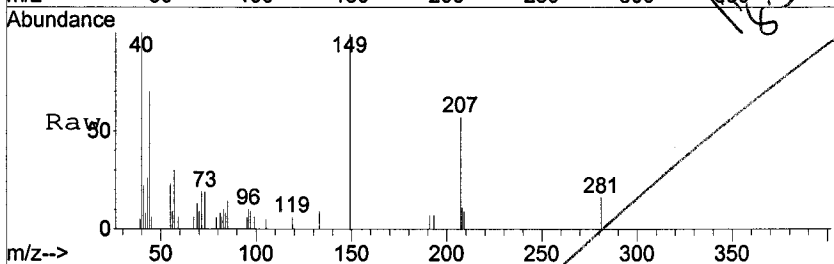
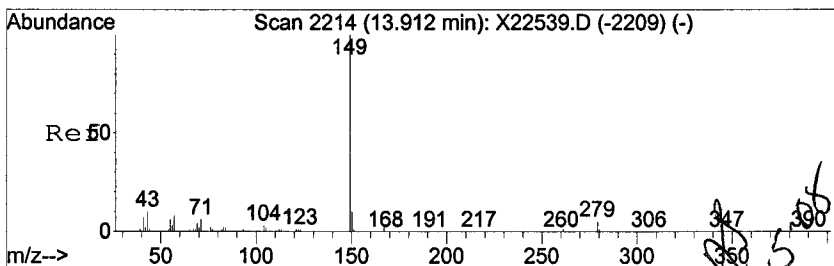


Abundance
 Ion 149.00 (148.50 to 149.50): X25516
 Ion 167.00 (166.50 to 167.50): X25516
 Ion 279.00 (278.50 to 279.50): X25516

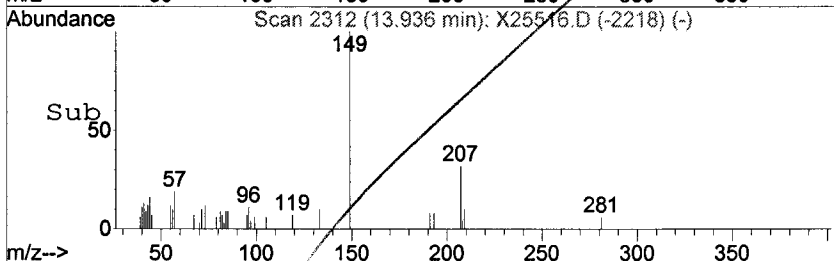
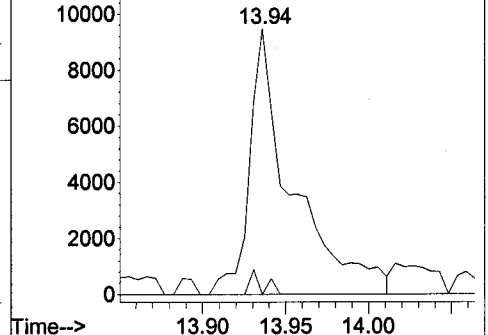


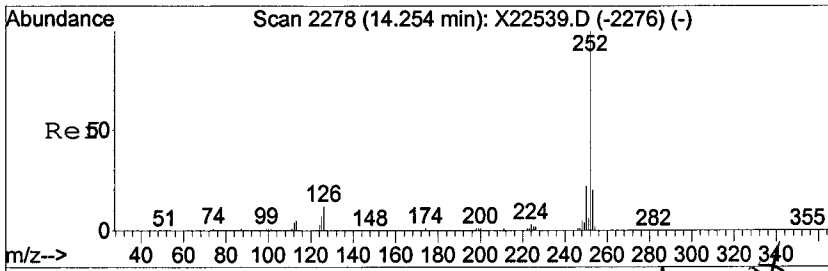
#77
 C760 Di-n-octylphthalate
 Concen: 4.67 ng
 RT: 13.94 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	30.0



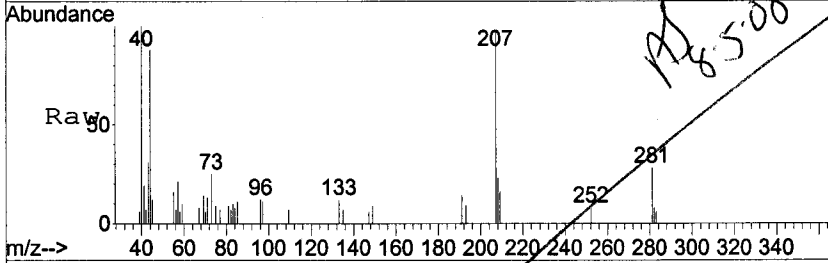
Abundance
 Ion 149.00 (148.50 to 149.50): X25516
 Ion 150.00 (149.50 to 150.50): X25516



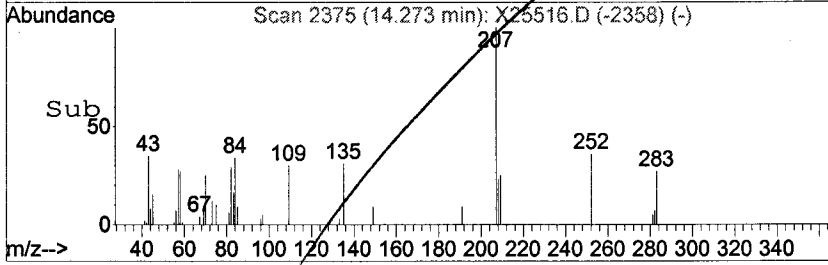
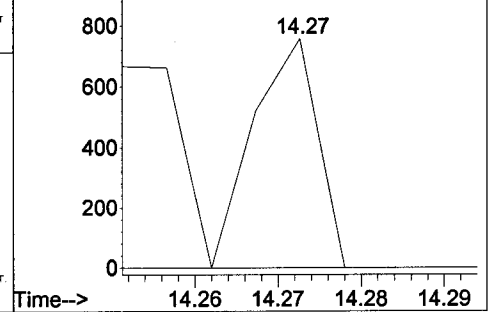


#80
 C770 Benzo[k]fluoranthene
 Concen: 0.37 ng
 RT: 14.27 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: X25516.D
 Acq: 5 Aug 2008 5:19

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	1.5	41.5#
125	0.0	0.0	31.5



Abundance Ion 252.00 (251.50 to 252.50): X25516
 Ion 253.00 (252.50 to 253.50): X25516
 Ion 125.00 (124.50 to 125.50): X25516



Data Path : D:\DATA\080408\
Data File : X25516.D
Acq On : 5 Aug 2008 5:199
Operator : AJJ
Sample : SBLK99 AS80078199
Misc : 08-7988/79400
ALS Vial : 53 Sample Multiplier: 11

Quant Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.MM
Quant Title : 8270 BNA Calibration with EPCC

TIC Library : C:\DATABASE\NIST02.LL
TIC Integration Parameters: LSCINT.PP

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--		
					#	RT	Resp Conc

No Library Search Compounds Detected

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB33

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1800701Sample wt/vol: 30.47 (g/mL) G Lab File ID: X24761.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: 0 decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene		3100	
208-96-8-----	Acenaphthylene		3100	
98-86-2-----	Acetophenone		2500	
120-12-7-----	Anthracene		3200	
1912-24-9-----	Atrazine		2400	
100-52-7-----	Benzaldehyde		1900	
56-55-3-----	Benzo (a) anthracene		3100	
205-99-2-----	Benzo (b) fluoranthene		3000	
207-08-9-----	Benzo (k) fluoranthene		3100	
191-24-2-----	Benzo (ghi) perylene		3500	
50-32-8-----	Benzo (a) pyrene		3100	
92-52-4-----	Biphenyl		3000	
111-91-1-----	Bis (2-chloroethoxy) methane		2600	
111-44-4-----	Bis (2-chloroethyl) ether		2300	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		2500	
117-81-7-----	Bis (2-ethylhexyl) phthalate		3700	
101-55-3-----	4-Bromophenyl phenyl ether		3200	
85-68-7-----	Butyl benzyl phthalate		3400	
105-60-2-----	Caprolactam		2700	
106-47-8-----	4-Chloroaniline		2600	
59-50-7-----	4-Chloro-3-methylphenol		2800	
91-58-7-----	2-Chloronaphthalene		3000	
95-57-8-----	2-Chlorophenol		2200	
7005-72-3-----	4-Chlorophenyl phenyl ether		3300	
86-74-8-----	Carbazole		2900	
218-01-9-----	Chrysene		2900	B
53-70-3-----	Dibenzo (a,h) anthracene		3300	
132-64-9-----	Dibenzofuran		3100	
84-74-2-----	Di-n-butyl phthalate		3600	
91-94-1-----	3,3'-Dichlorobenzidine		3000	
120-83-2-----	2,4-Dichlorophenol		2700	
84-66-2-----	Diethyl phthalate		3500	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB33

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1800701Sample wt/vol: 30.47 (g/mL) G Lab File ID: X24761.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: 0 decanted: (Y/N) N Date Extracted: 06/30/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9-----	2,4-Dimethylphenol		2700	
131-11-3-----	Dimethyl phthalate		3400	
534-52-1-----	4,6-Dinitro-2-methylphenol		3200	
51-28-5-----	2,4-Dinitrophenol		2800	
121-14-2-----	2,4-Dinitrotoluene		3300	
606-20-2-----	2,6-Dinitrotoluene		3500	
117-84-0-----	Di-n-octyl phthalate		3300	
206-44-0-----	Fluoranthene		3000	
86-73-7-----	Fluorene		3200	
118-74-1-----	Hexachlorobenzene		3200	
87-68-3-----	Hexachlorobutadiene		2500	
77-47-4-----	Hexachlorocyclopentadiene		3300	
67-72-1-----	Hexachloroethane		2500	
193-39-5-----	Indeno (1,2,3-cd) pyrene		3400	
78-59-1-----	Isophorone		2600	
91-57-6-----	2-Methylnaphthalene		2600	
95-48-7-----	2-Methylphenol		2500	
106-44-5-----	4-Methylphenol		2500	
91-20-3-----	Naphthalene		2500	
88-74-4-----	2-Nitroaniline		3300	
99-09-2-----	3-Nitroaniline		3000	
100-01-6-----	4-Nitroaniline		3000	
98-95-3-----	Nitrobenzene		2600	
88-75-5-----	2-Nitrophenol		2600	
100-02-7-----	4-Nitrophenol		3400	
86-30-6-----	N-nitrosodiphenylamine		3800	
621-64-7-----	N-Nitroso-Di-n-propylamine		2600	
87-86-5-----	Pentachlorophenol		2700	
85-01-8-----	Phenanthrene		3100	
108-95-2-----	Phenol		2300	
129-00-0-----	Pyrene		2800	
95-95-4-----	2,4,5-Trichlorophenol		3200	

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB33

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1800701

Sample wt/vol: 30.47 (g/mL) G Lab File ID: X24761.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 06/30/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

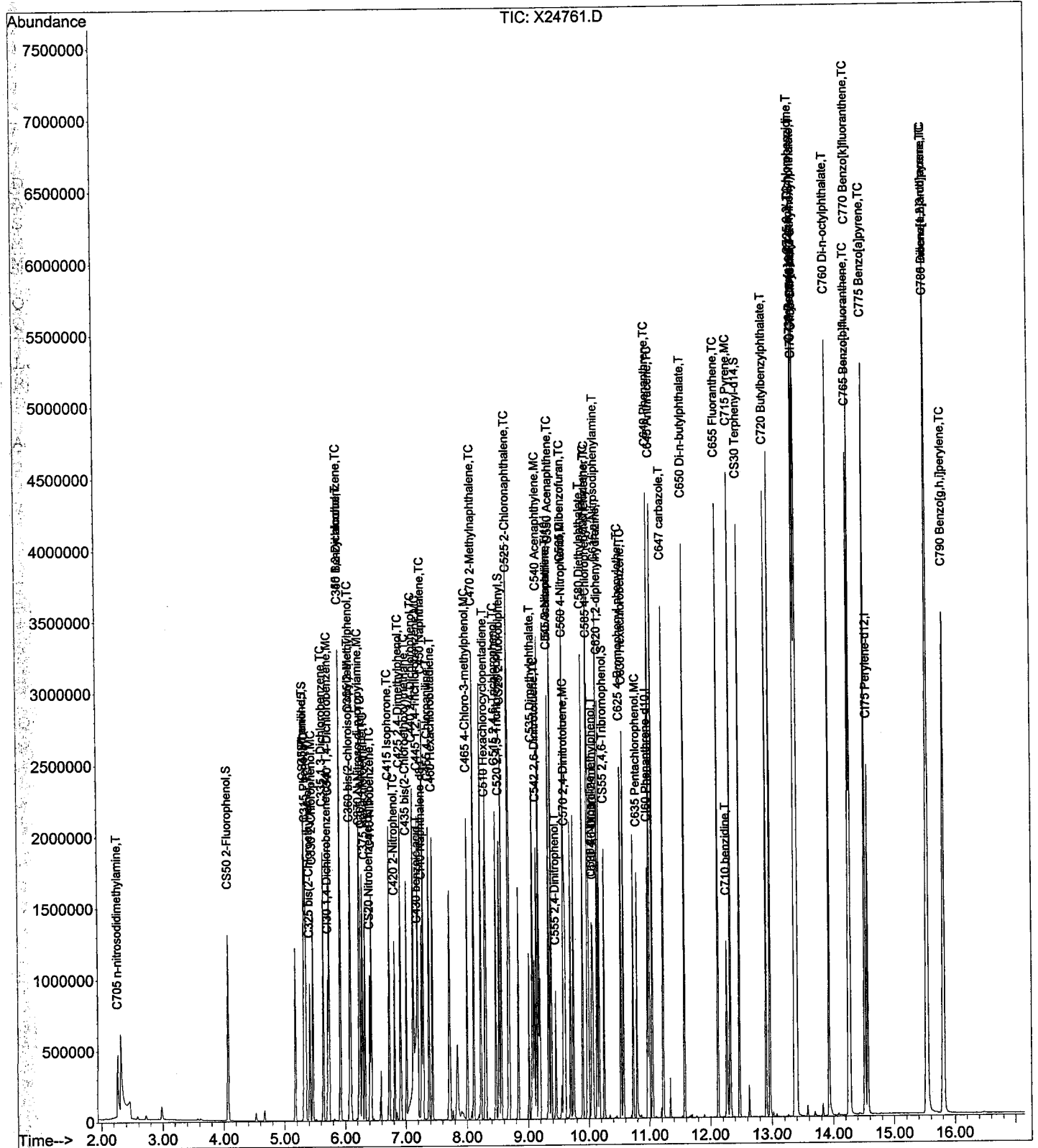
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol	3100	

Data File : D:\DATA\070108\X24761.D
Acq On : 1 Jul 2008 11:22
Sample : MSB AS80007550
Misc : 08-7736/687/595/694
MS Integration Params: rteint.p

Vial: 8
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Jul 02 08:12:12 2008 Results File: A8I0399.RES
Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Jul 02 08:11:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\070108\X24761.D
 Acq On : 1 Jul 2008 11:22
 Sample : MSB AS80007550
 Misc : 08-7736/687/595/694
 MS Integration Params: rteint.p
 Quant Time: Jul 02 08:12:12 2008

Vial: 8
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 02 08:11:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\070108\X24755.D (1 Jul 2008 9:05)

*SS
 AEG 7/2/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.71	152	159362	40.00	ng	-0.01 79.34%
20) CI40 Naphthalene-d8	7.26	136	628432	40.00	ng	0.00 81.84%
35) CI50 Acenaphthene-d10	9.33	164	338394	40.00	ng	0.00 75.62%
56) CI60 Phenanthrene-d10	10.97	188	616886	40.00	ng	0.00 80.76%
68) CI70 Chrysene-d12	13.38	240	628821	40.00	ng	0.00 87.66%
78) CI75 Perylene-d12	14.57	264	753583	40.00	ng	0.00 99.26%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.07	112	451184	80.05	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	53.37%		
5) CS45 Phenol-d5	5.33	99	624955	84.40	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	56.27%		
16) CS70 2-chlorophenol-d4	5.47	132	338	0.06	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.04%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	6.40	82	349786	62.21	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	62.21%		
39) CS25 2-Fluorobiphenyl	8.56	172	801253	75.30	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	75.30%		
59) CS55 2,4,6-Tribromophenol	10.25	330	204498	142.27	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	94.85%		
71) CS30 Terphenyl-d14	12.47	244	1079566	69.47	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	69.47%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.26	74	249889	68.54	ng	94
4) C325 bis(2-Chloroethyl)eth	5.41	93	406100	69.30	ng	# 70
7) C315 Phenol	5.35	94	613276	71.19	ng	78
8) C330 2-Chlorophenol	5.47	128	440132	68.82	ng	96
9) C320 aniline	5.32	93	637298	73.12	ng	94
10) C335 1,3-Dichlorobenzene	5.64	146	463332	68.67	ng	99
11) C340 1,4-Dichlorobenzene	5.73	146	470562	68.85	ng	98
13) C350 1,2-Dichlorobenzene	5.92	146	450582	71.18	ng	97
14) C345 Benzyl alcohol	5.92	108	310551	73.25	ng	# 75
15) C360 bis(2-chloroisopropyl	6.07	45	502899	75.18	ng	64
16) C355 2-Methylphenol	6.09	108	434429	77.31	ng	97
17) C375 Hexachloroethane	6.32	117	172634	75.31	ng	91
18) C370 N-Nitroso-di-n-propyl	6.24	70	346357	79.16	ng	# 59
19) C365 4-Methylphenol	6.28	108	470293	75.87	ng	89
22) C410 Nitrobenzene	6.43	77	474599	80.99	ng	81
23) C415 Isophorone	6.72	82	923111	80.72	ng	88
24) C430 benzoic acid	7.18	122	666611	174.09	ng	# 61
25) C420 2-Nitrophenol	6.81	139	249761	79.23	ng	81
26) C425 2,4-Dimethylphenol	6.91	107	470182	82.83	ng	96
27) C435 bis(2-Chloroethoxy)me	7.01	93	516486	79.86	ng	93
28) C440 2,4-Dichlorophenol	7.12	162	410298	82.64	ng	94

7/2/08

Data File : D:\DATA\070108\X24761.D
 Acq On : 1 Jul 2008 11:22
 Sample : MSB AS80007550
 Misc : 08-7736/687/595/694
 MS Integration Params: rteint.p
 Quant Time: Jul 02 08:12:12 2008

Vial: 8
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0399.RES

Quant Method : C:\MSDCHEM\1...\A8I0399.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 02 08:11:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\070108\X24755.D (1 Jul 2008 9:05)

AEG 7/2/08

Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.19	180		388407	74.97	ng		94
30) C450 Naphthalene	7.28	128		1297414	76.28	ng		99
31) C455 4-Chloroaniline	7.38	127		593911	80.00	ng		100
32) C460 Hexachlorobutadiene	7.43	225		213715	77.08	ng		97
33) C465 4-Chloro-3-methylphen	8.00	107		444012	84.97	ng		95
34) C470 2-Methylnaphthalene	8.11	142		916196	79.42	ng		99
36) C510 Hexachlorocyclopentad	8.29	237		266943	99.61	ng		94
37) C515 2,4,6-Trichlorophenol	8.47	196		282736	93.73	ng		98
38) C520 2,4,5-Trichlorophenol	8.52	196		326799	98.53	ng		97
40) C525 2-Chloronaphthalene	8.68	162		868622	92.76	ng		95
41) C530 2-Nitroaniline	10.05	65		287940	100.95	ng	#	80
42) C540 Acenaphthylene	9.17	152		1442104	95.53	ng		99
43) C535 Dimethylphthalate	9.07	163		1156132	102.76	ng		100
44) C542 2,6-Dinitrotoluene	9.13	165		282214	106.80	ng		85
45) C550 Acenaphthene	9.37	153		877256	95.21	ng		98
46) C545 3-Nitroaniline	9.33	138		275820	90.10	ng	#	77
47) C555 2,4-Dinitrophenol	9.45	184		144195	86.52	ng	#	45
48) C565 Dibenzofuran	9.58	168		1276160	93.91	ng		83
49) C570 2,4-Dinitrotoluene	9.60	165		373249	99.81	ng		95
50) C560 4-Nitrophenol	9.59	109		128799	103.27	ng	#	77
51) C590 Fluorene	9.97	166		1051351	96.92	ng		97
52) C585 4-Chlorophenyl-phenyl	9.99	204		538140	99.92	ng		94
53) C580 Diethylphthalate	9.89	149		1128915	106.12	ng		98
54) C620 1,2-diphenylhydrazine	10.17	77		1032752	102.68	ng		76
55) C595 4-Nitroaniline	10.05	138		298402	91.82	ng		87
57) C610 4,6-Dinitro-2-methylp	10.06	198		211766	97.80	ng		100
58) C615 n-Nitrosodiphenylamin	10.13	169		965546	117.12	ng		98
60) C625 4-Bromophenyl-phenyle	10.52	248		308181	98.87	ng		94
61) C630 Hexachlorobenzene	10.57	284		312543	96.29	ng		83
62) C635 Pentachlorophenol	10.79	266		173509	83.00	ng		98
63) C640 Phenanthrene	10.99	178		1523092	94.24	ng		99
64) C645 Anthracene	11.05	178		1570845	96.32	ng		99
65) C647 carbazole	11.22	167		1460738	89.37	ng		97
66) C650 Di-n-butylphthalate	11.58	149		1935690	110.69	ng		99
67) C655 Fluoranthene	12.12	202		1647008	91.40	ng		96
69) C715 Pyrene	12.32	202		1706691	83.96	ng		95
70) C710 benzidine	12.27	184		632670	60.82	ng		100
72) C720 Butylbenzylphthalate	12.91	149		898166	103.13	ng		85
73) C725 3,3'-Dichlorobenzidin	13.36	252		694285	92.40	ng		99
74) C730 Benzo[a]anthracene	13.37	228		1844570	94.72	ng		100
75) C735 Chrysene	13.40	228		1723895	89.09	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.39	149		1319193	112.08	ng		94
77) C760 Di-n-octylphthalate	13.93	149		2463900	100.93	ng		99
79) C765 Benzo[b]fluoranthene	14.26	252		2496594	92.53	ng		99
80) C770 Benzo[k]fluoranthene	14.28	252		1879331	94.84	ng		99
81) C775 Benzo[a]pyrene	14.53	252		2258707	95.39	ng		97
82) C780 Indeno[1,2,3-cd]pyren	15.54	276		2916404	104.02	ng		85
83) C785 Dibenz[a,h]anthracene	15.55	278		2392266	100.51	ng		92
84) C790 Benzo[g,h,i]perylene	15.83	276		2600751	105.60	ng		94

mt 8/7/08

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\070108\X24761.D
 Acq On : 1 Jul 2008 11:22
 Sample : MSB AS80007550
 Misc : 08-7736/687/595/694
 MS Integration Params: rteint.p
 Quant Time: Jul 10 16:10:03 2008

Vial: 8
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0363.RES

Quant Method : C:\MSDCHEM\1...\A8I0363.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Fri May 23 06:04:23 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\052208\X23958.D (22 May 2008 18:05)

AJ
 7-14-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.71	152	159362	40.00	ng	-0.34 89.93%
4) CI40 Naphthalene-d8	7.26	136	628432	40.00	ng	-0.29 91.98%
7) CI50 Acenaphthene-d8	9.33	164	338394	40.00	ng	-0.28 83.12%
10) CI60 Phenanthrene-d10	10.97	188	616886	40.00	ng	-0.25 83.61%
12) CI70 Chrysene-d12	13.38	240	628821	40.00	ng	-0.24 82.32%
13) CI75 Perylene-d12	14.57	264	753583	40.00	ng	-0.29 97.39%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.17	77	279666	59.19	ng	97
3) E145 Acetophenone	6.23	105	554846	75.30	ng	96
5) E655 Caprolactam	7.84	113	146382	75.44	ng	87
6) E195 1,2,4,5-Tetrachlorobe	8.31	216	395113	81.11	ng	98
8) C811 1,1'-Biphenyl	8.67	154	1079314	90.71	ng	96
9) E230 2,3,4,6-Tetrachloroph	9.69	232	255001	138.79	ng	# 100
11) E510 Atrazine	10.73	200	232879	73.99	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

m. 8/7/08

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB03

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807901Sample wt/vol: 30.13 (g/mL) G Lab File ID: W24837.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

83-32-9-----	Acenaphthene	3100	
208-96-8-----	Acenaphthylene	170	U
98-86-2-----	Acetophenone	170	U
120-12-7-----	Anthracene	170	U
1912-24-9-----	Atrazine	170	U
100-52-7-----	Benzaldehyde	170	U
56-55-3-----	Benzo (a) anthracene	170	U
205-99-2-----	Benzo (b) fluoranthene	170	U
207-08-9-----	Benzo (k) fluoranthene	170	U
191-24-2-----	Benzo (ghi) perylene	170	U
50-32-8-----	Benzo (a) pyrene	170	U
92-52-4-----	Biphenyl	170	U
111-91-1-----	Bis (2-chloroethoxy) methane	170	U
111-44-4-----	Bis (2-chloroethyl) ether	170	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	170	U
117-81-7-----	Bis (2-ethylhexyl) phthalate	170	U
101-55-3-----	4-Bromophenyl phenyl ether	170	U
85-68-7-----	Butyl benzyl phthalate	170	U
105-60-2-----	Caprolactam	170	U
106-47-8-----	4-Chloroaniline	170	U
59-50-7-----	4-Chloro-3-methylphenol	2900	
91-58-7-----	2-Chloronaphthalene	170	U
95-57-8-----	2-Chlorophenol	2500	
7005-72-3-----	4-Chlorophenyl phenyl ether	170	U
86-74-8-----	Carbazole	170	U
218-01-9-----	Chrysene	16	BU
53-70-3-----	Dibenzo (a, h) anthracene	170	U
132-64-9-----	Dibenzofuran	170	U
84-74-2-----	Di-n-butyl phthalate	170	U
91-94-1-----	3,3'-Dichlorobenzidine	170	U
120-83-2-----	2,4-Dichlorophenol	170	U
84-66-2-----	Diethyl phthalate	170	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB03

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807901Sample wt/vol: 30.13 (g/mL) G Lab File ID: W24837.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
105-67-9	2,4-Dimethylphenol		170	U
131-11-3	Dimethyl phthalate		170	U
534-52-1	4,6-Dinitro-2-methylphenol		330	U
51-28-5	2,4-Dinitrophenol		330	U
121-14-2	2,4-Dinitrotoluene		2900	
606-20-2	2,6-Dinitrotoluene		170	U
117-84-0	Di-n-octyl phthalate		170	U
206-44-0	Fluoranthene		170	U
86-73-7	Fluorene		170	U
118-74-1	Hexachlorobenzene		170	U
87-68-3	Hexachlorobutadiene		170	U
77-47-4	Hexachlorocyclopentadiene		170	U
67-72-1	Hexachloroethane		170	U
193-39-5	Indeno (1,2,3-cd) pyrene		170	U
78-59-1	Isophorone		170	U
91-57-6	2-Methylnaphthalene		170	U
95-48-7	2-Methylphenol		170	U
106-44-5	4-Methylphenol		170	U
91-20-3	Naphthalene		170	U
88-74-4	2-Nitroaniline		330	U
99-09-2	3-Nitroaniline		330	U
100-01-6	4-Nitroaniline		330	U
98-95-3	Nitrobenzene		170	U
88-75-5	2-Nitrophenol		170	U
100-02-7	4-Nitrophenol		2800	
86-30-6	N-nitrosodiphenylamine		170	U
621-64-7	N-Nitroso-Di-n-propylamine		2800	
87-86-5	Pentachlorophenol		1900	
85-01-8	Phenanthrene		170	U
108-95-2	Phenol		2500	
129-00-0	Pyrene		3400	
95-95-4	2,4,5-Trichlorophenol		170	U

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB03

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1807901

Sample wt/vol: 30.13 (g/mL) G Lab File ID: W24837.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/01/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

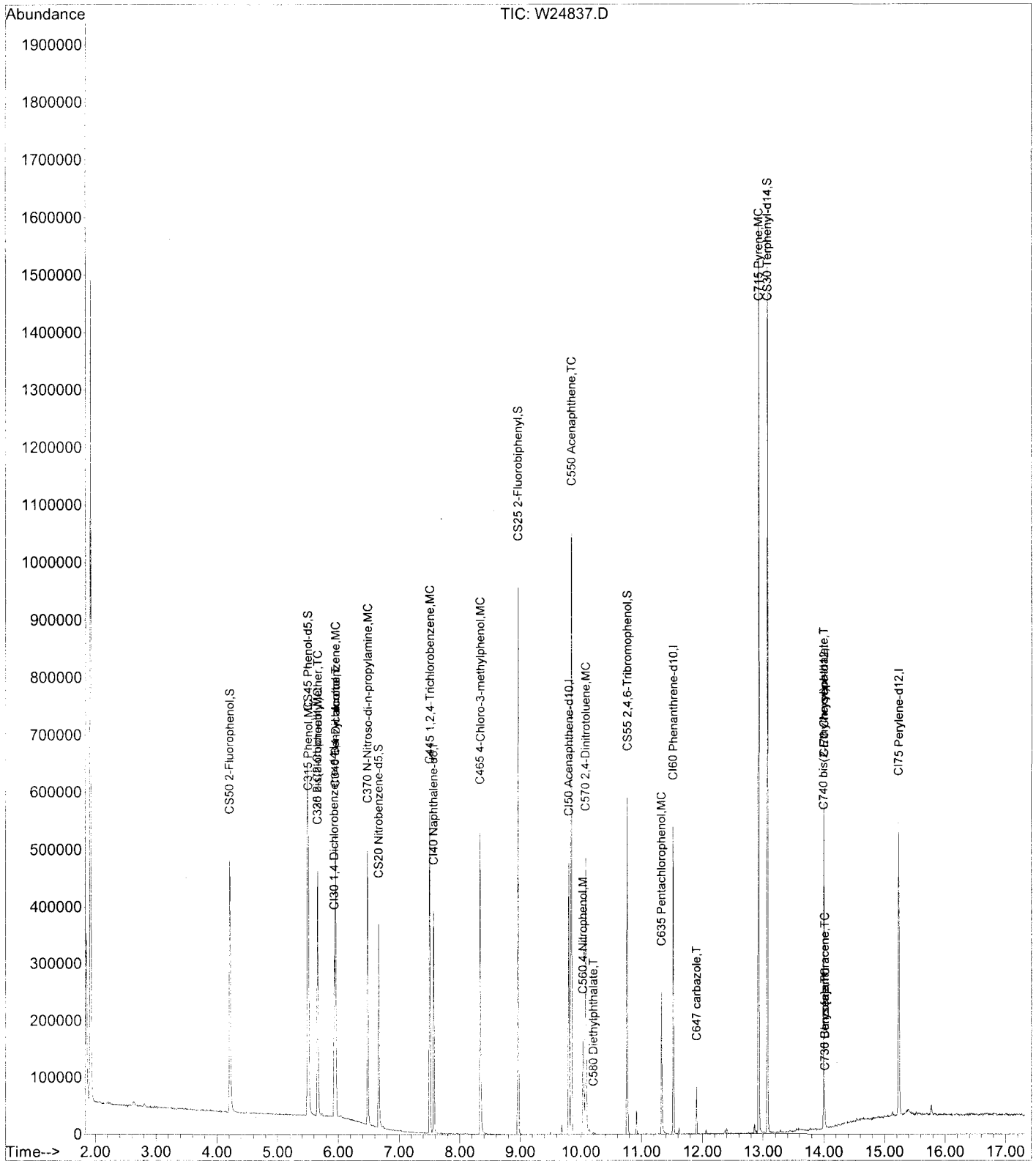
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol_____	170	U

Data File : C:\MSDCHEM\1\DATA\070208\W24837.D
 Acq On : 2 Jul 2008 5:33 pm
 Sample : MSB AS80007661
 Misc : 08-7691
 MS Integration Params: rteint.p

Vial: 25
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 03 07:28:10 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070208\W24837.D
 Acq On : 2 Jul 2008 5:33 pm
 Sample : MSB AS80007661
 Misc : 08-7691

Vial: 25
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 03 07:28:10 2008

Results File: A8I0469.RES

*CS
M
A/5/08*

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	45413	40.00	ng	0.00	66.64%
20) CI40 Naphthalene-d8	7.57	136	193866	40.00	ng	0.00	66.30%
35) CI50 Acenaphthene-d10	9.80	164	109547	40.00	ng	0.00	61.53%
56) CI60 Phenanthrene-d10	11.52	188	193192	40.00	ng	0.00	69.73%
68) CI70 Chrysene-d12	14.00	240	191337	40.00	ng	0.00	61.12%
78) CI75 Perylene-d12	15.23	264	185106	40.00	ng	0.00	70.53%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.21	112	166671	100.85	ng	0.00	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	67.23%	
5) CS45 Phenol-d5	5.49	99	233675	117.42	ng	0.00	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	78.28%	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.66	82	134117	78.48	ng	0.00	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	78.48%	
39) CS25 2-Fluorobiphenyl	8.96	172	304528	79.12	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	79.12%	
59) CS55 2,4,6-Tribromophenol	10.76	330	62083	124.50	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	83.00%	
71) CS30 Terphenyl-d14	13.07	244	394944	88.57	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	88.57%	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)eth	5.66	93	2509	1.47 ng	#	1
8) C315 Phenol	5.51	94	166950	74.26	ng	78
8) C330 2-Chlorophenol	5.66	128	136152	76.81	ng	86
9) C320 aniline	5.53	93	166	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	5.95	146	134708	68.11	ng	99
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	5.96	108	580	0.51 ng	#	1
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	6.48	70	101602	86.04	ng	91
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	7.50	122	443	Below Cal	#	1
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

mm 8/7/08

Data File : C:\MSDCHEM\1\DATA\070208\W24837.D
 Acq On : 2 Jul 2008 5:33 pm
 Sample : MSB AS80007661
 Misc : 08-7691

Vial: 25
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 03 07:28:10 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

*CS
 1/15/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dev(Max)
						Rcv(Ar)	
<u>29</u>) C445 1,2,4-Trichlorobenzen	7.51	180	115378	73.19	ng		96
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
<u>33</u>) C465 4-Chloro-3-methylphen	8.34	107	120061	88.61	ng		90
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	9.58	165	163	Below Cal	#		27
<u>45</u>) C550 Acenaphthene	9.84	153	289073	93.53	ng		98
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
<u>49</u>) C570 2,4-Dinitrotoluene	10.08	165	99340	88.38	ng	#	1
<u>50</u>) C560 4-Nitrophenol	10.04	109	38223	85.22	ng	#	84
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	10.21	149	917	0.24	ng	#	60
54) C620 1,2-diphenylhydrazine	10.76	77	381	Below Cal	#		42
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
<u>62</u>) C635 Pentachlorophenol	11.33	266	31235	57.39	ng		98
63) C640 Phenanthrene	0.00	178	0	N.D.			
64) C645 Anthracene	0.00	178	0	N.D.			
65) C647 carbazole	11.91	167	2689	0.47	ng	#	58
66) C650 Di-n-butylphthalate	12.13	149	989	N.D.			
67) C655 Fluoranthene	0.00	202	0	N.D.			
<u>69</u>) C715 Pyrene	12.93	202	602295	104.15	ng		96
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalat	13.50	149	205	N.D.			
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	14.02	228	2780	0.46	ng		91
<u>75</u>) C735 Chrysene	14.02	228	2780	0.48	ng		94
<u>76</u>) C740 bis(2-Ethylhexyl)phth	13.99	149	5240	1.21	ng		98
77) C760 Di-n-octylphthalate	14.51	149	1044	N.D.			
79) C765 Benzo[b]fluoranthen	0.00	252	0	N.D.			
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D.			
81) C775 Benzo[a]pyrene	15.23	252	563	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

*m
 8/1/08*

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\070208\W24837.D Vial: 25
 Acq On : 2 Jul 2008 17:33 Operator: AJ
 Sample : MSB AS80007661 Inst : Instrumen
 Misc : 08-7691 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 11 17:54:26 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

EM/11/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	45413	40.00	ng	-0.06	93.13%
4) CI40 Naphthalene-d8	7.57	136	193866	40.00	ng	-0.05	99.55%
7) CI50 Acenaphthene-d8	9.80	164	109547	40.00	ng	-0.04	118.82%
10) CI60 Phenanthrene-d10	11.52	188	193192	40.00	ng	-0.04	125.11%
12) CI70 Chrysene-d12	14.00	240	191337	40.00	ng	-0.03	104.47%
13) CI75 Perylene-d12	15.23	264	185106	40.00	ng	-0.04	103.54%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	5.51	77	1744	1.36	ng	# 6
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	8.34	113	3596	14.71	ng	# 11
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloroph	10.23	232	753	9.08	ng	# 32
11) E510 Atrazine	11.33	200	5039	4.40	ng	# 32

(#) = qualifier out of range (m) = manual integration (+) = signals summed

EM/11/08

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB109

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833901

Sample wt/vol: 30.50 (g/mL) G Lab File ID: W24901.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

83-32-9-----	Acenaphthene	3200	
208-96-8-----	Acenaphthylene	3000	
98-86-2-----	Acetophenone	2600	
120-12-7-----	Anthracene	3400	
1912-24-9-----	Atrazine	2200	
100-52-7-----	Benzaldehyde	2200	
56-55-3-----	Benzo (a) anthracene	3300	
205-99-2-----	Benzo (b) fluoranthene	3000	
207-08-9-----	Benzo (k) fluoranthene	3200	
191-24-2-----	Benzo (ghi) perylene	3000	
50-32-8-----	Benzo (a) pyrene	3200	
92-52-4-----	Biphenyl	2500	
111-91-1-----	Bis (2-chloroethoxy) methane	2700	
111-44-4-----	Bis (2-chloroethyl) ether	2300	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	2700	
117-81-7-----	Bis (2-ethylhexyl) phthalate	3600	
101-55-3-----	4-Bromophenyl phenyl ether	3400	
85-68-7-----	Butyl benzyl phthalate	3400	
105-60-2-----	Caprolactam	3300	
106-47-8-----	4-Chloroaniline	3000	
59-50-7-----	4-Chloro-3-methylphenol	3300	
91-58-7-----	2-Chloronaphthalene	3000	
95-57-8-----	2-Chlorophenol	2400	
7005-72-3-----	4-Chlorophenyl phenyl ether	3100	
86-74-8-----	Carbazole	3100	
218-01-9-----	Chrysene	3200	B
53-70-3-----	Dibenzo (a,h) anthracene	3000	
132-64-9-----	Dibenzofuran	3400	
84-74-2-----	Di-n-butyl phthalate	3500	
91-94-1-----	3,3'-Dichlorobenzidine	3200	
120-83-2-----	2,4-Dichlorophenol	2900	
84-66-2-----	Diethyl phthalate	3300	

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB109

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833901Sample wt/vol: 30.50 (g/mL) G Lab File ID: W24901.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

105-67-9-----	2,4-Dimethylphenol		2800	
131-11-3-----	Dimethyl phthalate		3200	
534-52-1-----	4,6-Dinitro-2-methylphenol		3500	
51-28-5-----	2,4-Dinitrophenol		3300	
121-14-2-----	2,4-Dinitrotoluene		3300	
606-20-2-----	2,6-Dinitrotoluene		3300	
117-84-0-----	Di-n-octyl phthalate		3500	
206-44-0-----	Fluoranthene		3300	
86-73-7-----	Fluorene		3000	
118-74-1-----	Hexachlorobenzene		3300	
87-68-3-----	Hexachlorobutadiene		2400	
77-47-4-----	Hexachlorocyclopentadiene		3000	
67-72-1-----	Hexachloroethane		2200	
193-39-5-----	Indeno (1,2,3-cd) pyrene		3000	
78-59-1-----	Isophorone		2800	
91-57-6-----	2-Methylnaphthalene		2800	
95-48-7-----	2-Methylphenol		2800	
106-44-5-----	4-Methylphenol		2800	
91-20-3-----	Naphthalene		2500	
88-74-4-----	2-Nitroaniline		3300	
99-09-2-----	3-Nitroaniline		3200	
100-01-6-----	4-Nitroaniline		3000	
98-95-3-----	Nitrobenzene		2700	
88-75-5-----	2-Nitrophenol		2600	
100-02-7-----	4-Nitrophenol		3000	
86-30-6-----	N-nitrosodiphenylamine		4100	
621-64-7-----	N-Nitroso-Di-n-propylamine		2900	
87-86-5-----	Pentachlorophenol		2700	
85-01-8-----	Phenanthrene		3200	
108-95-2-----	Phenol		2600	
129-00-0-----	Pyrene		3300	
95-95-4-----	2,4,5-Trichlorophenol		3100	

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB109

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833901

Sample wt/vol: 30.50 (g/mL) G Lab File ID: W24901.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

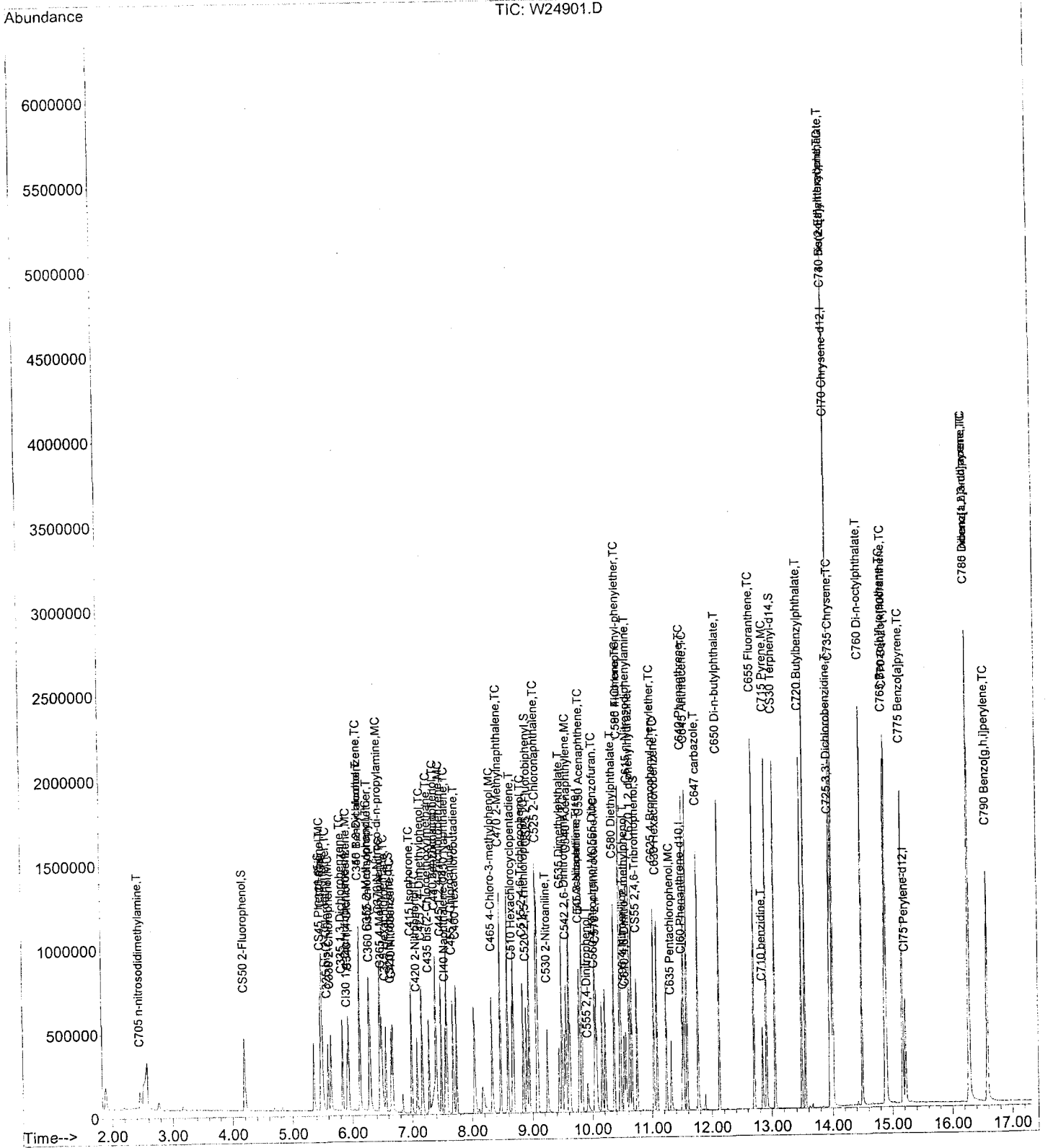
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

88-06-2-----	2,4,6-Trichlorophenol	3000	
--------------	-----------------------	------	--

Data File : C:\MSDCHEM\1\DATA\070808\W24901.D
Acq On : 8 Jul 2008 4:24 pm
Sample : MSB AS8007818
Misc : 08-7940/971/988
MS Integration Params: rteint.p

Vial: 15
Operator: AJ
Inst : Instrumen
Multiplr: 1.00

Quant Time: Jul 09 09:17:35 2008 Results File: A8I0469.RES
Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Jul 09 09:16:48 2008
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070808\W24901.D
 Acq On : 8 Jul 2008 4:24 pm
 Sample : MSB AS8007818
 Misc : 08-7940/971/988
 MS Integration Params: rteint.p
 Quant Time: Jul 09 09:17:35 2008

Vial: 15
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

*S
AJ
7-9-08*

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24888.D (8 Jul 2008 11:23 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	57419	40.00	ng	0.00	124.29%
20) CI40 Naphthalene-d8	7.56	136	247497	40.00	ng	0.00	123.24%
35) CI50 Acenaphthene-d10	9.78	164	142062	40.00	ng	0.00	127.67%
56) CI60 Phenanthrene-d10	11.50	188	242898	40.00	ng	0.00	127.02%
68) CI70 Chrysene-d12	13.98	240	279609	40.00	ng	0.00	125.88%
78) CI75 Perylene-d12	15.21	264	244858	40.00	ng	0.00	131.72%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.19	112	200275	96.04	ng	0.00	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	64.03%	
5) CS45 Phenol-d5	5.47	99	291851	115.99	ng	0.00	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	77.33%	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.65	82	172574	79.10	ng	0.00	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	79.10%	
39) CS25 2-Fluorobiphenyl	8.95	172	417529	83.65	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	83.65%	
59) CS55 2,4,6-Tribromophenol	10.75	330	88515	140.42	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	93.61%	
71) CS30 Terphenyl-d14	13.05	244	540491	82.94	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	82.94%	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.45	74	83338	66.98	ng	91
4) C325 bis(2-Chloroethyl)eth	5.59	93	150790	70.06	ng	91
7) C315 Phenol	5.49	94	223341	78.57	ng	92
8) C330 2-Chlorophenol	5.64	128	161991	72.28	ng	85
9) C320 aniline	5.49	93	246951	81.51	ng	# 29
10) C335 1,3-Dichlorobenzene	5.84	146	154171	64.14	ng	98
11) C340 1,4-Dichlorobenzene	5.94	146	160165	64.05	ng	97
13) C350 1,2-Dichlorobenzene	6.13	146	161344	67.25	ng	95
14) C345 Benzyl alcohol	6.12	108	118077	82.40	ng	87
15) C360 bis(2-chloroisopropyl	6.30	45	222529	81.59	ng	68
16) C355 2-Methylphenol	6.28	108	163392	85.82	ng	96
17) C375 Hexachloroethane	6.56	117	65269	66.15	ng	93
18) C370 N-Nitroso-di-n-propyl	6.47	70	131685	88.20	ng	95
19) C365 4-Methylphenol	6.49	108	180077	87.04	ng	95
22) C410 Nitrobenzene	6.67	77	183899	82.03	ng	92
23) C415 Isophorone	6.99	82	353189	86.31	ng	94
24) C430 benzoic acid	7.40	122	197127	232.06	ng	96
25) C420 2-Nitrophenol	7.08	139	92316	80.51	ng	87
26) C425 2,4-Dimethylphenol	7.17	107	183299	86.36	ng	92
27) C435 bis(2-Chloroethoxy)me	7.28	93	203098	81.42	ng	98
28) C440 2,4-Dichlorophenol	7.40	162	167640	89.50	ng	97

*m
8/7/08*

Data File : C:\MSDCHEM\1\DATA\070808\W24901.D
 Acq On : 8 Jul 2008 4:24 pm
 Sample : MSB AS8007818
 Misc : 08-7940/971/988
 MS Integration Params: rteint.p
 Quant Time: Jul 09 09:17:35 2008

Vial: 15
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I0469.RES

SA 7908

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Jul 09 09:16:48 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24888.D (8 Jul 2008 11:23 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.49	180	148646	73.86	ng		99
30) C450 Naphthalene	7.58	128	520266	76.19	ng		96
31) C455 4-Chloroaniline	7.68	127	243978	93.22	ng		99
32) C460 Hexachlorobutadiene	7.74	225	85866	72.64	ng		99
33) C465 4-Chloro-3-methylphen	8.33	107	172105	99.50	ng		88
34) C470 2-Methylnaphthalene	8.47	142	389549	86.97	ng		95
36) C510 Hexachlorocyclopentad	8.67	237	102653	90.94	ng		98
37) C515 2,4,6-Trichlorophenol	8.84	196	121179	92.37	ng		98
38) C520 2,4,5-Trichlorophenol	8.90	196	134009	94.43	ng		97
40) C525 2-Chloronaphthalene	9.08	162	400906	92.56	ng		96
41) C530 2-Nitroaniline	9.24	65	103977	99.73	ng	#	80
42) C540 Acenaphthylene	9.60	152	626089	91.29	ng		97
43) C535 Dimethylphthalate	9.49	163	471310	96.95	ng		100
44) C542 2,6-Dinitrotoluene	9.56	165	111816	101.07	ng		90
45) C550 Acenaphthene	9.83	153	391424	97.66	ng		97
46) C545 3-Nitroaniline	9.77	138	120476	96.15	ng		85
47) C555 2,4-Dinitrophenol	9.92	184	43295	100.28	ng	#	76
48) C565 Dibenzofuran	10.05	168	483447	104.06	ng		87
49) C570 2,4-Dinitrotoluene	10.07	165	157412	101.94	ng	#	1
50) C560 4-Nitrophenol	10.03	109	55928	92.08	ng	#	70
51) C590 Fluorene	10.46	166	462257	92.20	ng		100
52) C585 4-Chlorophenyl-phenyl	10.47	204	220894	93.54	ng		96
53) C580 Diethylphthalate	10.37	149	493555	100.16	ng		98
54) C620 1,2 diphenylhydrazine	10.66	77	481195	96.59	ng		94
55) C595 4-Nitroaniline	10.53	138	117118	92.03	ng		82
57) C610 4,6-Dinitro-2-methylp	10.56	198	84285	106.60	ng		100
58) C615 n-Nitrosodiphenylamin	10.62	169	424587	125.44	ng		96
60) C625 4-Bromophenyl-phenyle	11.03	248	137229	102.35	ng		95
61) C630 Hexachlorobenzene	11.09	284	146401	100.32	ng		93
62) C635 Pentachlorophenol	11.32	266	60687	82.13	ng		98
63) C640 Phenanthrene	11.53	178	697170	98.16	ng		98
64) C645 Anthracene	11.58	178	738153	102.87	ng		98
65) C647 carbazole	11.77	167	682245	95.49	ng		97
66) C650 Di-n-butylphthalate	12.12	149	918712	107.32	ng		99
67) C655 Fluoranthene	12.70	202	818010	100.32	ng		95
69) C715 Pyrene	12.91	202	852275	100.85	ng		98
70) C710 benzidine	12.85	184	239792	92.20	ng		99
72) C720 Butylbenzylphthalate	13.49	149	421419	102.91	ng		97
73) C725 3,3'-Dichlorobenzidin	13.95	252	308879	98.91	ng		97
74) C730 Benzo[a]anthracene	13.97	228	902222	101.34	ng		98
75) C735 Chrysene	14.01	228	830839	98.61	ng		98
76) C740 bis(2-Ethylhexyl)phth	13.97	149	690050	109.39	ng		98
77) C760 Di-n-octylphthalate	14.50	149	1097060	107.82	ng		100
79) C765 Benzo[b]fluoranthene	14.88	252	855458	92.66	ng		99
80) C770 Benzo[k]fluoranthene	14.90	252	870834	99.32	ng		98
81) C775 Benzo[a]pyrene	15.17	252	835931	96.61	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.28	276	996152	93.31	ng		94
83) C785 Dibenz[a,h]anthracene	16.29	278	840615	90.23	ng		99
84) C790 Benzo[g,h,i]perylene	16.58	276	840675	91.49	ng		99

mm 8/11/08

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\070808\W24901.D Vial: 15
 Acq On : 8 Jul 2008 16:24 Operator: AJ
 Sample : MSB AS8007818 Inst : Instrumen
 Misc : 08-7940/971/988 Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 14 16:25:01 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.92	152	57419	40.00	ng	-0.07 117.75%
4) CI40 Naphthalene-d8	7.56	136	247497	40.00	ng	-0.06 127.09%
7) CI50 Acenaphthene-d8	9.78	164	142062	40.00	ng	-0.06 154.09%
10) CI60 Phenanthrene-d10	11.50	188	242898	40.00	ng	-0.05 157.29%
12) CI70 Chrysene-d12	13.98	240	279609	40.00	ng	-0.05 152.66%
13) CI75 Perylene-d12	15.21	264	244858	40.00	ng	-0.06 136.96%
Target Compounds						Qvalue
2) E600 Benzaldehyde	5.35	77	108649	67.22	ng	85
3) E145 Acetophenone	6.46	105	214345	80.46	ng	90
5) E655 Caprolactam	8.17	113	68522	101.15	ng	# 58
6) E195 1,2,4,5-Tetrachlorobe	8.68	216	168697	86.80	ng	# 100
8) C811 1,1'-Biphenyl	9.07	154	475334	75.25	ng	95
9) E230 2,3,4,6-Tetrachloroph	10.21	232	110798	111.73	ng	95
11) E510 Atrazine	11.24	200	97847	67.94	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798811Sample wt/vol: 30.50 (g/mL) G Lab File ID: X25515.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9	Acenaphthene		2700	
208-96-8	Acenaphthylene		2500	
98-86-2	Acetophenone		19000	E
120-12-7	Anthracene		2900	
1912-24-9	Atrazine		360	
100-52-7	Benzaldehyde		320	
56-55-3	Benzo (a) anthracene		3300	
205-99-2	Benzo (b) fluoranthene		3500	
207-08-9	Benzo (k) fluoranthene		2500	
191-24-2	Benzo (ghi) perylene		2700	
50-32-8	Benzo (a) pyrene		3400	
92-52-4	Biphenyl		2100	
111-91-1	Bis (2-chloroethoxy) methane		2900	
111-44-4	Bis (2-chloroethyl) ether		10000	E
108-60-1	2,2'-Oxybis (1-Chloropropane)		12000	E
117-81-7	Bis (2-ethylhexyl) phthalate		2900	
101-55-3	4-Bromophenyl phenyl ether		3100	
85-68-7	Butyl benzyl phthalate		3200	
105-60-2	Caprolactam		4600	
106-47-8	4-Chloroaniline		2000	
59-50-7	4-Chloro-3-methylphenol		3700	
91-58-7	2-Chloronaphthalene		2500	
95-57-8	2-Chlorophenol		14000	E
7005-72-3	4-Chlorophenyl phenyl ether		2800	
86-74-8	Carbazole		3000	
218-01-9	Chrysene		3200	B
53-70-3	Dibenzo (a, h) anthracene		2900	
132-64-9	Dibenzofuran		2800	
84-74-2	Di-n-butyl phthalate		3000	
91-94-1	3,3'-Dichlorobenzidine		3400	
120-83-2	2,4-Dichlorophenol		3400	
84-66-2	Diethyl phthalate		2900	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798811

Sample wt/vol: 30.50 (g/mL) G Lab File ID: X25515.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

105-67-9	2,4-Dimethylphenol	3300	
131-11-3	Dimethyl phthalate	3100	
534-52-1	4,6-Dinitro-2-methylphenol	2900	
51-28-5	2,4-Dinitrophenol	2300	
121-14-2	2,4-Dinitrotoluene	3200	
606-20-2	2,6-Dinitrotoluene	3200	
117-84-0	Di-n-octyl phthalate	3300	
206-44-0	Fluoranthene	3100	
86-73-7	Fluorene	2700	
118-74-1	Hexachlorobenzene	3200	
87-68-3	Hexachlorobutadiene	1600	
77-47-4	Hexachlorocyclopentadiene	170	U
67-72-1	Hexachloroethane	3000	
193-39-5	Indeno (1,2,3-cd) pyrene	2900	
78-59-1	Isophorone	2300	
91-57-6	2-Methylnaphthalene	3000	B
95-48-7	2-Methylphenol	20000	E
106-44-5	4-Methylphenol	23000	E
91-20-3	Naphthalene	2400	
88-74-4	2-Nitroaniline	2600	
99-09-2	3-Nitroaniline	2900	
100-01-6	4-Nitroaniline	2900	
98-95-3	Nitrobenzene	2400	
88-75-5	2-Nitrophenol	2700	
100-02-7	4-Nitrophenol	3200	
86-30-6	N-nitrosodiphenylamine	3600	
621-64-7	N-Nitroso-Di-n-propylamine	20000	E
87-86-5	Pentachlorophenol	3400	
85-01-8	Phenanthrene	2900	
108-95-2	Phenol	16000	E
129-00-0	Pyrene	2900	
95-95-4	2,4,5-Trichlorophenol	2600	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSB109 RI

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECVY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798811

Sample wt/vol: 30.50 (g/mL) G Lab File ID: X25515.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

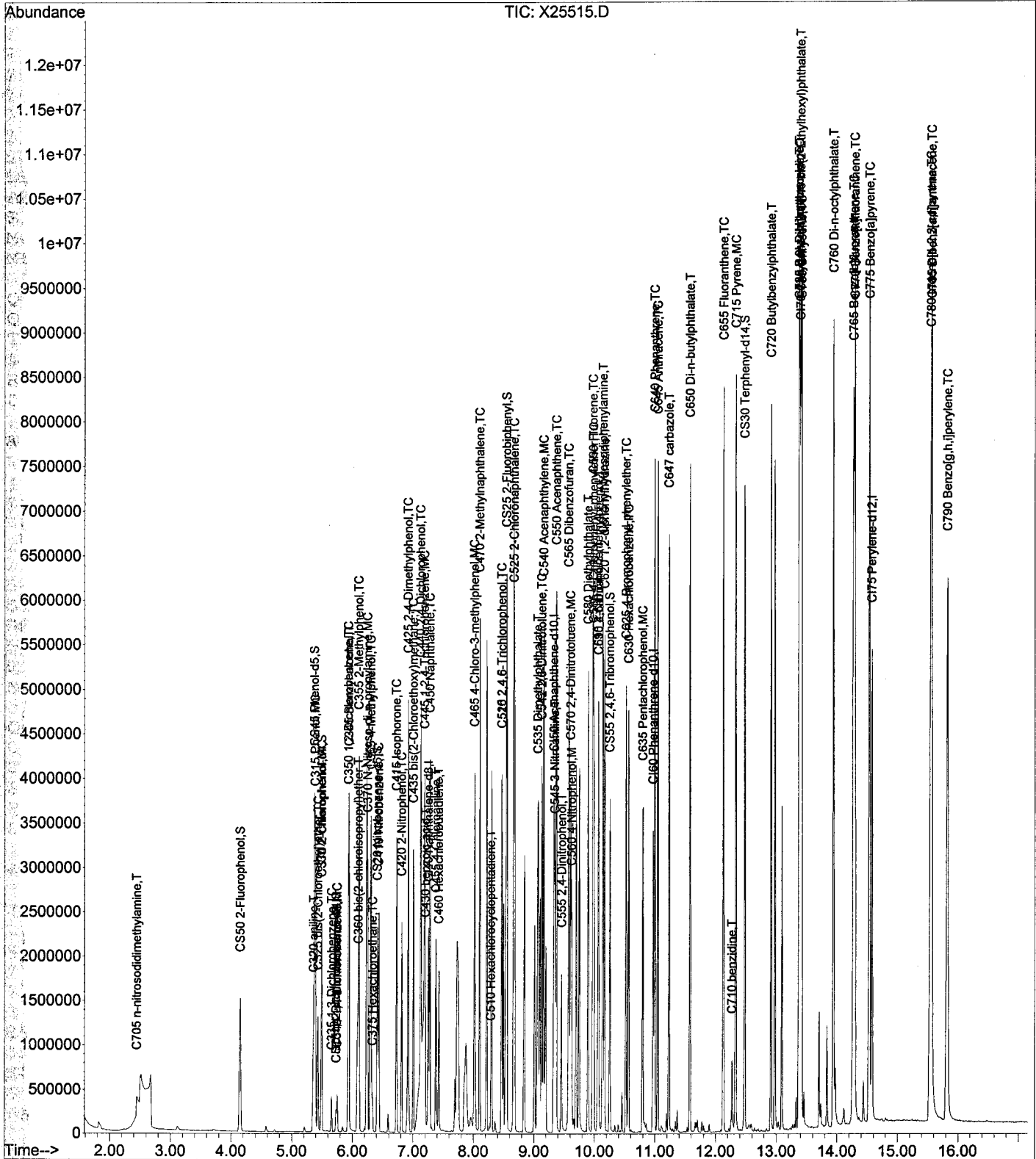
88-06-2-----	2,4,6-Trichlorophenol	2600	
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f Add

Data File : D:\DATA\080408\X25515.D
Acq On : 5 Aug 2008 4:57
Sample : MSB AS8007818 (A8798811) MSB 109 RI
Misc : 08-7988/7940
MS Integration Params: rteint.p

Vial: 52
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 05 17:03:27 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



Data File : D:\DATA\080408\X25515.D
 Acq On : 5 Aug 2008 4:57
 Sample : MSB AS8007818
 Misc : 08-7988/7940
 MS Integration Params: rteint.p
 Quant Time: Aug 05 17:03:27 2008

Vial: 52
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

*SS
 PJ
 8/5/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	38210	40.00	ng	0.00 9.76%
20) CI40 Naphthalene-d8	7.26	136	1007274	40.00	ng	0.00 68.17%
35) CI50 Acenaphthene-d10	9.33	164	699364	40.00	ng	0.00 90.86%
56) CI60 Phenanthrene-d10	10.97	188	1264961	40.00	ng	0.00 89.19%
68) CI70 Chrysene-d12	13.39	240	1243353	40.00	ng	0.00 88.23%
78) CI75 Perylene-d12	14.58	264	1778454	40.00	ng	0.00 99.08%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.15	112	697474	446.77	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	297.85%#
5) CS45 Phenol-d5	5.37	99	1684341	790.39	ng	0.00
Spiked Amount	150.000	Range	10 - 110	Recovery	=	526.93%#
6) CS70 2-chlorophenol-d4	5.49	132	668	0.46	ng	0.02
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.31%#
12) CS75 1,2-dichlorobenzene-d	5.73	152	38205m	43.69	ng	-0.18
Spiked Amount	100.000	Range	16 - 110	Recovery	=	43.69%
21) CS20 Nitrobenzene-d5	6.41	82	823595	71.19	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	71.19%
39) CS25 2-Fluorobiphenyl	8.55	172	1811931	73.98	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	73.98%
59) CS55 2,4,6-Tribromophenol	10.25	330	446685	145.73	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	97.15%
71) CS30 Terphenyl-d14	12.48	244	2236160	76.35	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	76.35%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.45	74	280105	239.82	ng	90
4) C325 bis(2-Chloroethyl)eth	5.43	93	515788	318.08	ng	# 67
7) C315 Phenol	5.39	94	1148248	496.06	ng	79
8) C330 2-Chlorophenol	5.49	128	687430	436.05	ng	92
9) C320 aniline	5.35	93	390603	150.54	ng	88
10) C335 1,3-Dichlorobenzene	5.66	146	100236	61.81	ng	99
11) C340 1,4-Dichlorobenzene	5.75	146	105091	64.42	ng	98
13) C350 1,2-Dichlorobenzene	5.93	146	205683	138.83	ng	97
14) C345 Benzyl alcohol	5.94	108	686463	652.39	ng	# 81
15) C360 bis(2-chloroisopropyl	6.09	45	726513	365.33	ng	82
16) C355 2-Methylphenol	6.11	108	903446	622.48	ng	100
17) C375 Hexachloroethane	6.33	117	54597	90.83	ng	88
18) C370 N-Nitroso-di-n-propyl	6.25	70	748546	610.73	ng	# 59
19) C365 4-Methylphenol	6.30	108	1059691	700.15	ng	89
22) C410 Nitrobenzene	6.43	77	851943	72.06	ng	89
23) C415 Isophorone	6.73	82	1551672	68.98	ng	89
24) C430 benzoic acid	7.21	122	1712123	255.44	ng	# 67
25) C420 2-Nitrophenol	6.81	139	446879	81.48	ng	86
26) C425 2,4-Dimethylphenol	6.92	107	1041617	101.44	ng	97
27) C435 bis(2-Chloroethoxy)me	7.00	93	1081760	87.29	ng	96
28) C440 2,4-Dichlorophenol	7.13	162	839180	105.34	ng	96

*m
 8/7/08*

Data File : D:\DATA\080408\X25515.D

Vial: 52

Acq On : 5 Aug 2008 4:57

Operator: AJ

Sample : MSB AS8007818

Inst : HP5973X

Misc : 08-7988/7940

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Aug 05 17:03:27 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Tue Aug 05 09:59:01 2008

Response via : Initial Calibration

DataAcq Meth : 8270BP

IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.19	180		487986	62.26	ng		93
30) C450 Naphthalene	7.28	128		2027960	72.62	ng		98
31) C455 4-Chloroaniline	7.38	127		739425	61.86	ng		100
32) C460 Hexachlorobutadiene	7.43	225		198920	48.02	ng		98
33) C465 4-Chloro-3-methylphen	8.02	107		1051731	113.59	ng		99
34) C470 2-Methylnaphthalene	8.10	142		1637003	90.91	ng		100
36) C510 Hexachlorocyclopentad	8.28	237		4043	0.64	ng		95
37) C515 2,4,6-Trichlorophenol	8.47	196		579335	80.80	ng		99
38) C520 2,4,5-Trichlorophenol	8.47	196		580261	80.93	ng		98
40) C525 2-Chloronaphthalene	8.68	162		1612429	75.60	ng		97
41) C530 2-Nitroaniline	10.07	65		646041	78.27	ng		87
42) C540 Acenaphthylene	9.16	152		2688596	77.41	ng		98
43) C535 Dimethylphthalate	9.07	163		2420571	94.14	ng		100
44) C542 2,6-Dinitrotoluene	9.13	165		599457	97.64	ng		91
45) C550 Acenaphthene	9.37	153		1690288	81.37	ng		98
46) C545 3-Nitroaniline	9.34	138		602431	89.86	ng		93
47) C555 2,4-Dinitrophenol	9.46	184		294353	69.70	ng	#	47
48) C565 Dibenzofuran	9.57	168		2548066	84.26	ng		96
49) C570 2,4-Dinitrotoluene	9.61	165		806333	96.10	ng		88
50) C560 4-Nitrophenol	9.62	109		340132	98.58	ng	#	64
51) C590 Fluorene	9.98	166		2017873	82.88	ng		97
52) C585 4-Chlorophenyl-phenyl	9.99	204		962982	84.54	ng		97
53) C580 Diethylphthalate	9.90	149		2136677	89.12	ng		98
54) C620 1,2-diphenylhydrazine	10.17	77		2074980	77.92	ng		79
55) C595 4-Nitroaniline	10.07	138		611221	87.44	ng		95
57) C610 4,6-Dinitro-2-methylp	10.07	198		393192	87.78	ng		100
58) C615 n-Nitrosodiphenylamin	10.14	169		1905673	108.99	ng		98
60) C625 4-Bromophenyl-phenyle	10.52	248		596584	95.89	ng		89
61) C630 Hexachlorobenzene	10.56	284		632051	99.05	ng		86
62) C635 Pentachlorophenol	10.80	266		435275	104.54	ng		99
63) C640 Phenanthrene	11.00	178		2927759	88.23	ng		100
64) C645 Anthracene	11.05	178		2985560	88.02	ng		100
65) C647 carbazole	11.23	167		3146163	91.19	ng		97
66) C650 Di-n-butylphthalate	11.58	149		3585209	92.96	ng		99
67) C655 Fluoranthene	12.13	202		3511169	94.06	ng		86
69) C715 Pyrene	12.33	202		3657875	88.68	ng		84
70) C710 benzidine	12.27	184		329783	18.26	ng		100
72) C720 Butylbenzylphthalate	12.91	149		1812674	98.28	ng		89
73) C725 3,3'-Dichlorobenzidin	13.37	252		1440435	103.30	ng		98
74) C730 Benzo[a]anthracene	13.38	228		3760599	100.75	ng		100
75) C735 Chrysene	13.42	228		3585324	96.25	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.40	149		2228282	88.35	ng		98
77) C760 Di-n-octylphthalate	13.94	149		4881526	99.61	ng		99
79) C765 Benzo[b]fluoranthene	14.27	252		5993616	107.36	ng		98
80) C770 Benzo[k]fluoranthene	14.29	252		4217526	75.67	ng		96
81) C775 Benzo[a]pyrene	14.54	252		5260606	103.62	ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.55	276		5601926	89.31	ng		96
83) C785 Dibenz[a,h]anthracene	15.57	278		4569855	87.58	ng		94
84) C790 Benzo[g,h,i]perylene	15.83	276		4603713	82.55	ng		96

(#)= qualifier out of range (m)= manual integration (+)= signals summed

Data File : D:\DATA\080408\X25515.D
 Acq On : 5 Aug 2008 4:57
 Sample : MSB AS8007818
 Misc : 08-7988/7940

Vial: 52
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 17:51:34 2008

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Tue Aug 05 17:50:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

912
3408656p

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	5.73	152	38210	40.00	ng	0.00	15.39%
4) CI40 Naphthalene-d8	7.26	136	1007274	40.00	ng	0.00	113.10%
Da7) CI50 Acenaphthene-d8	9.33	164	699364	40.00	ng	0.00	164.50%
Da10) CI60 Phenanthrene-d10	10.97	188	1264961	40.00	ng	0.00	203.99%
Da12) CI70 Chrysene-d12	13.39	240	1243353	40.00	ng	0.01	195.55%
Da13) CI75 Perylene-d12	14.58	264	1778454	40.00	ng	0.00	231.59%
Target Compounds							Qvalue
Da2) E600 Benzaldehyde	5.21	77	14465	9.71	ng		93
Da3) E145 Acetophenone	6.23	105	1091113	576.30	ng		96
Da5) E655 Caprolactam	7.88	113	400262	140.95	ng		86
Da6) E195 1,2,4,5-Tetrachlorobe	8.30	216	722165	86.45	ng		98
Da8) C811 1,1'-Biphenyl	8.67	154	1989142	64.06	ng		95
Da9) E230 2,3,4,6-Tetrachloroph	9.75	232	531145	98.29	ng	#	100
Da11) E510 Atrazine	10.80	200	78722	10.87	ng	#	26

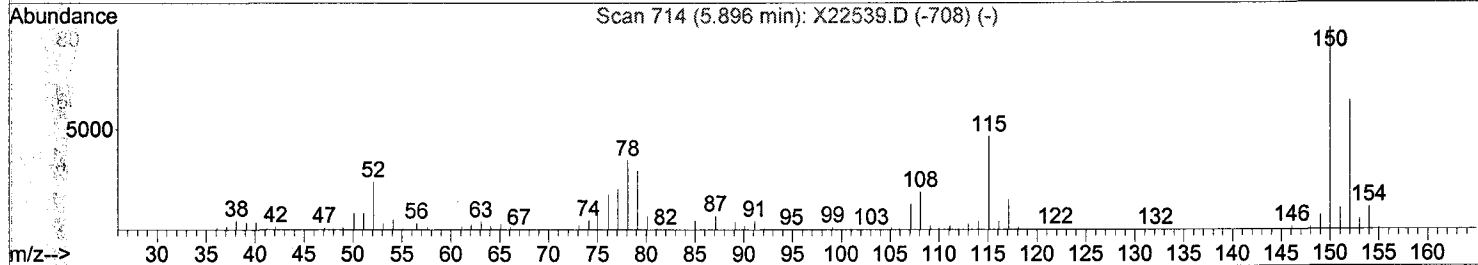
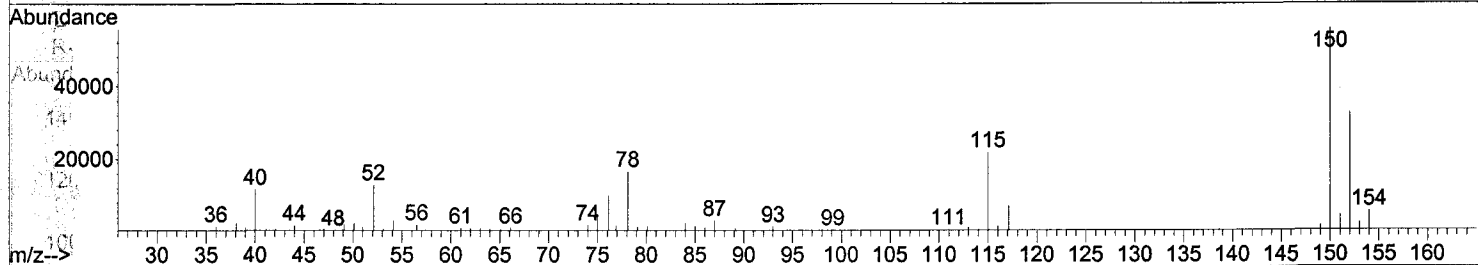
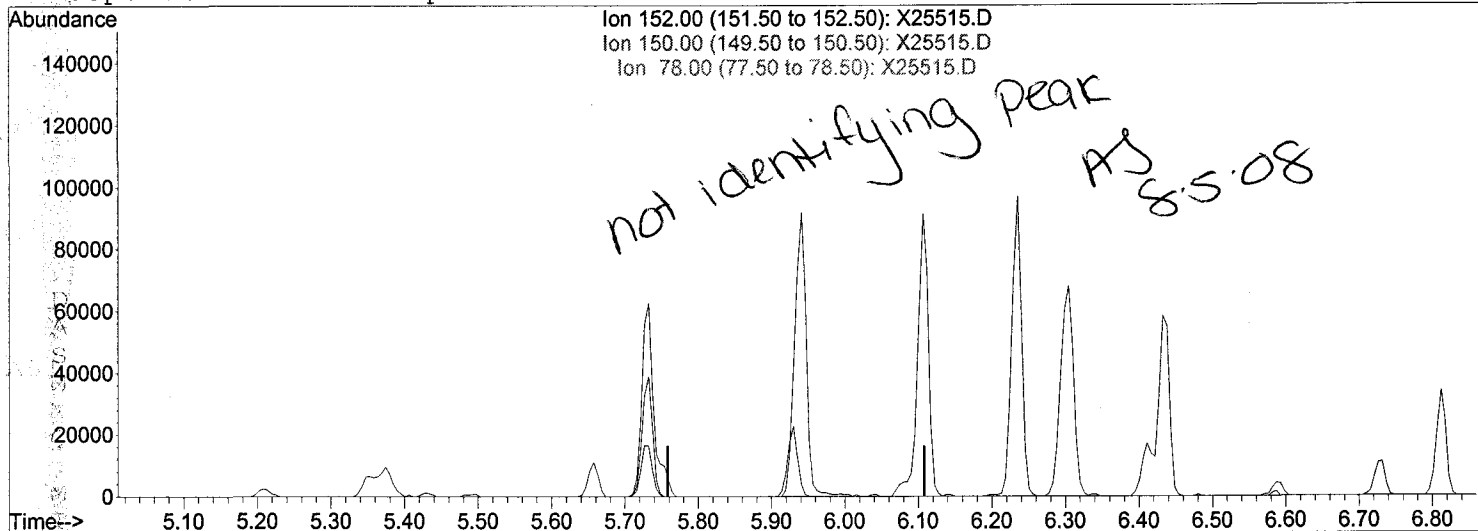
(#) = qualifier out of range (m) = manual integration (+) = signals summed

m78/7/2008

Data File : D:\DATA\080408\X25515.D
Acq On : 5 Aug 2008 4:57
Sample : MSB AS8007818
Misc : 08-7988/7940
MS Integration Params: rteint.p
Quant Time: Aug 05 10:03:06 2008

Vial: 52
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25515.D

(12) CS75 1,2-dichlorobenzene-d4 (S)

5.91min (-5.909) 0.00ng

response 0

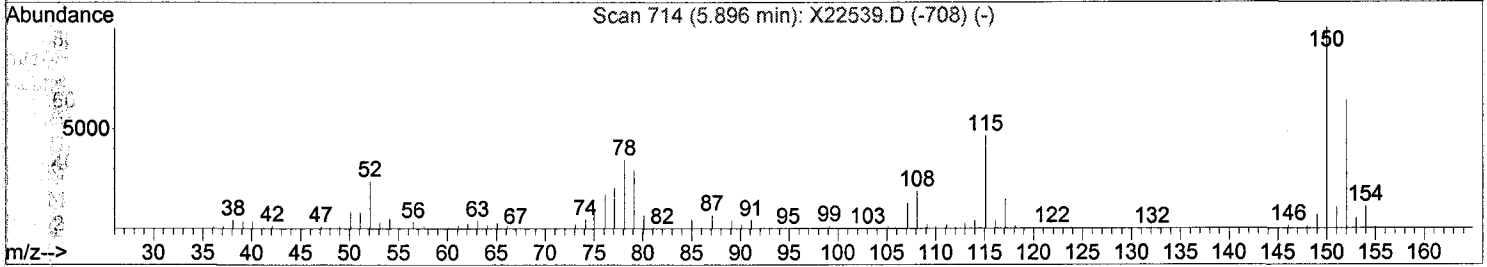
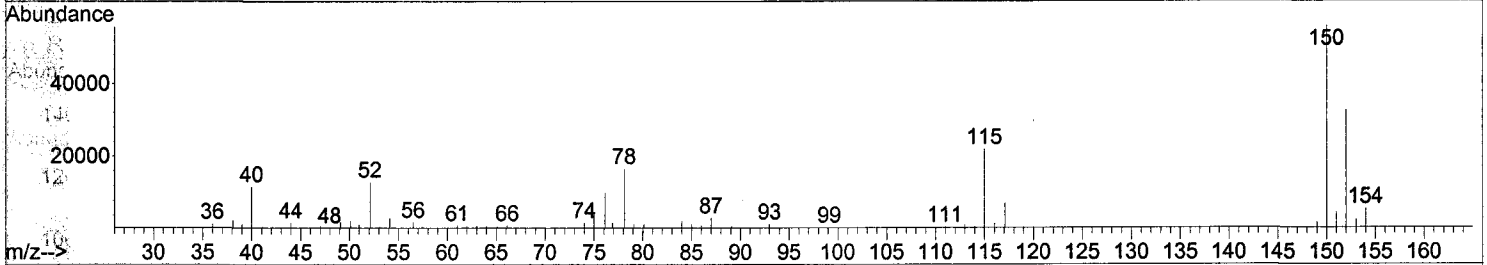
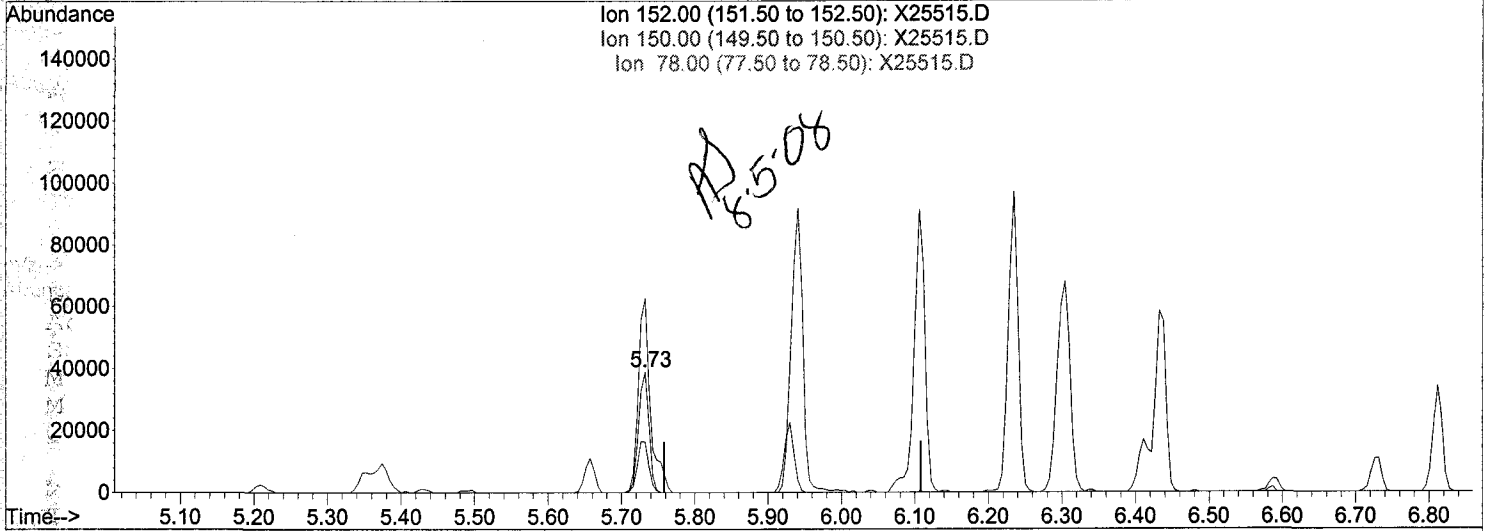
Ion	Exp%	Act%
152.00	100	0.00
150.00	174.80	0.00#
78.00	46.00	0.00#
0.00	0.00	0.00

AJ 8/6/08

Data File : D:\DATA\080408\X25515.D
 Acq On : 5 Aug 2008 4:57
 Sample : MSB AS8007818
 Misc : 08-7988/7940
 MS Integration Params: rteint.p
 Quant Time: Aug 05 10:03:06 2008

Vial: 52
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Multiple Level Calibration



TIC: X25515.D

Time	Abundance	Response	Ion	Exp%	Act%
5.73	38205	38205	152.00	100	100
			150.00	174.80	0.00#
			78.00	46.00	0.00#
			0.00	0.00	0.00

(12) CS75 1,2-dichlorobenzene-d4 (S)
 5.73min (-0.177) 43.69ng m

Handwritten note: AJ 8/6/08

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSBD03

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807902Sample wt/vol: 30.13 (g/mL) G Lab File ID: W24838.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9	Acenaphthene		3100	
208-96-8	Acenaphthylene		170	U
98-86-2	Acetophenone		170	U
120-12-7	Anthracene		170	U
1912-24-9	Atrazine		170	U
100-52-7	Benzaldehyde		170	U
56-55-3	Benzo (a) anthracene		170	U
205-99-2	Benzo (b) fluoranthene		170	U
207-08-9	Benzo (k) fluoranthene		170	U
191-24-2	Benzo (ghi) perylene		170	U
50-32-8	Benzo (a) pyrene		170	U
92-52-4	Biphenyl		170	U
111-91-1	Bis (2-chloroethoxy) methane		170	U
111-44-4	Bis (2-chloroethyl) ether		170	U
108-60-1	2,2'-Oxybis (1-Chloropropane)		170	U
117-81-7	Bis (2-ethylhexyl) phthalate		170	U
101-55-3	4-Bromophenyl phenyl ether		170	U
85-68-7	Butyl benzyl phthalate		170	U
105-60-2	Caprolactam		170	U
106-47-8	4-Chloroaniline		170	U
59-50-7	4-Chloro-3-methylphenol		3000	
91-58-7	2-Chloronaphthalene		170	U
95-57-8	2-Chlorophenol		2400	
7005-72-3	4-Chlorophenyl phenyl ether		170	U
86-74-8	Carbazole		170	U
218-01-9	Chrysene		14	BJ
53-70-3	Dibenzo (a,h) anthracene		170	U
132-64-9	Dibenzofuran		170	U
84-74-2	Di-n-butyl phthalate		170	U
91-94-1	3,3'-Dichlorobenzidine		170	U
120-83-2	2,4-Dichlorophenol		170	U
84-66-2	Diethyl phthalate		170	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSBD03

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807902Sample wt/vol: 30.13 (g/mL) G Lab File ID: W24838.RRLevel: (low/med) LOW Date Samp/Recv: _____% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/01/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9	2,4-Dimethylphenol		170	U
131-11-3	Dimethyl phthalate		170	U
534-52-1	4,6-Dinitro-2-methylphenol		330	U
51-28-5	2,4-Dinitrophenol		330	U
121-14-2	2,4-Dinitrotoluene		3000	
606-20-2	2,6-Dinitrotoluene		170	U
117-84-0	Di-n-octyl phthalate		170	U
206-44-0	Fluoranthene		170	U
86-73-7	Fluorene		170	U
118-74-1	Hexachlorobenzene		170	U
87-68-3	Hexachlorobutadiene		170	U
77-47-4	Hexachlorocyclopentadiene		170	U
67-72-1	Hexachloroethane		170	U
193-39-5	Indeno (1,2,3-cd) pyrene		170	U
78-59-1	Isophorone		170	U
91-57-6	2-Methylnaphthalene		170	U
95-48-7	2-Methylphenol		170	U
106-44-5	4-Methylphenol		170	U
91-20-3	Naphthalene		170	U
88-74-4	2-Nitroaniline		330	U
99-09-2	3-Nitroaniline		330	U
100-01-6	4-Nitroaniline		330	U
98-95-3	Nitrobenzene		170	U
88-75-5	2-Nitrophenol		170	U
100-02-7	4-Nitrophenol		2800	
86-30-6	N-nitrosodiphenylamine		170	U
621-64-7	N-Nitroso-Di-n-propylamine		2800	
87-86-5	Pentachlorophenol		2200	
85-01-8	Phenanthrene		170	U
108-95-2	Phenol		2400	
129-00-0	Pyrene		3500	
95-95-4	2,4,5-Trichlorophenol		170	U

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SMSBD03

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1807902

Sample wt/vol: 30.13 (g/mL) G Lab File ID: W24838.RR

Level: (low/med) LOW Date Samp/Recv: _____

% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/01/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

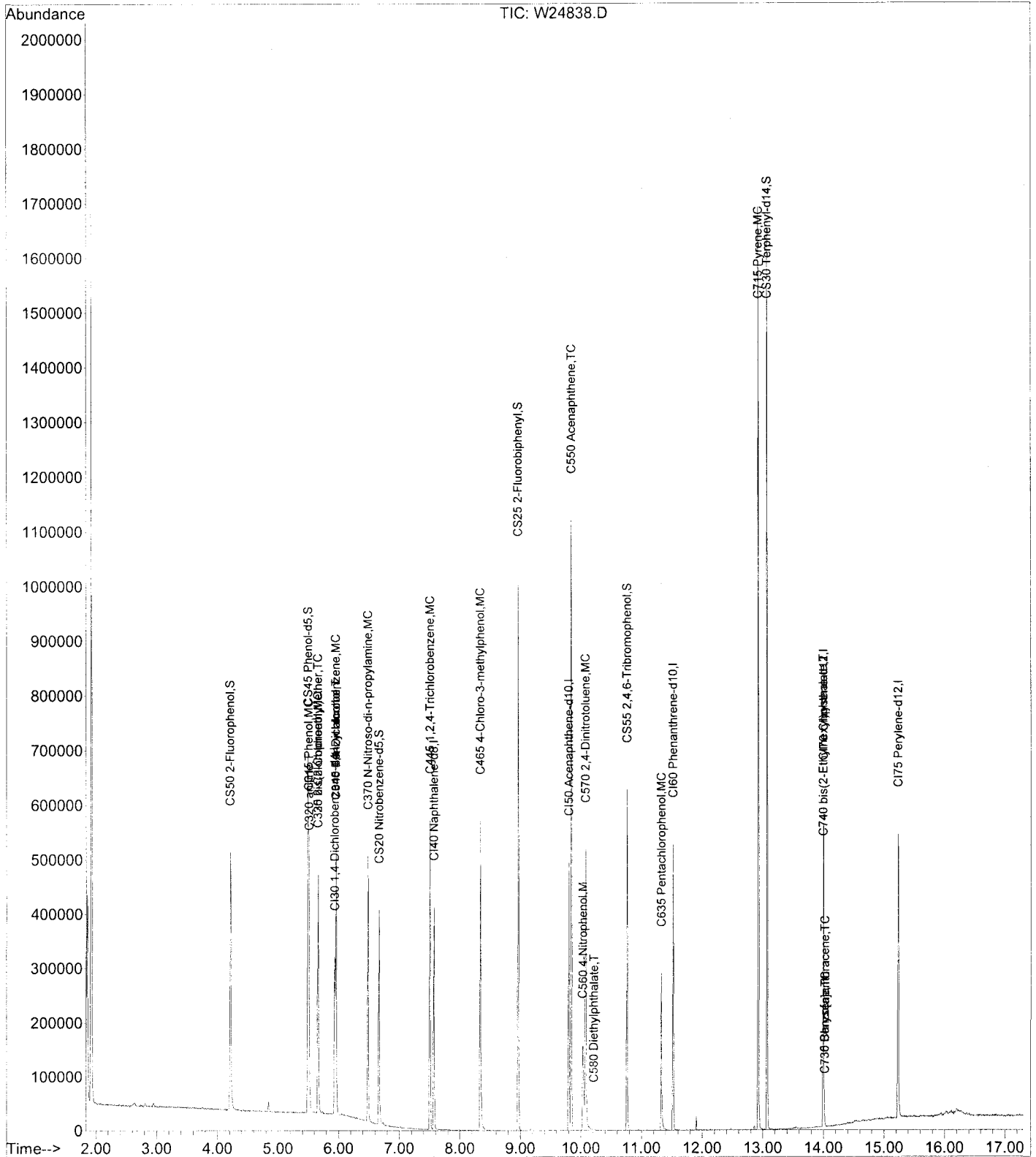
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
88-06-2-----	2,4,6-Trichlorophenol_____	170	U

Data File : C:\MSDCHEM\1\DATA\070208\W24838.D
 Acq On : 2 Jul 2008 5:56 pm
 Sample : MSBD AS80007662
 Misc : 08-7691
 MS Integration Params: rteint.p

Vial: 26
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 03 07:28:12 2008 Results File: A8I0469.RES
 Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\070208\W24838.D
 Acq On : 2 Jul 2008 5:56 pm
 Sample : MSBD AS80007662
 Misc : 08-7691

Vial: 26
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 03 07:28:12 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

Handwritten: 2/5/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	47788	40.00	ng	0.00 70.13%
20) CI40 Naphthalene-d8	7.57	136	201380	40.00	ng	0.00 68.87%
35) CI50 Acenaphthene-d10	9.80	164	112437	40.00	ng	0.00 63.16%
56) CI60 Phenanthrene-d10	11.52	188	197594	40.00	ng	0.00 71.31%
68) CI70 Chrysene-d12	14.00	240	192932	40.00	ng	0.00 61.63%
78) CI75 Perylene-d12	15.23	264	187595	40.00	ng	0.00 71.48%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.21	112	180249	103.54	ng	0.00
Spiked Amount	150.000	Range 21 - 110	Recovery	=	69.03%	
5) CS45 Phenol-d5	5.49	99	249756	119.27	ng	0.00
Spiked Amount	150.000	Range 10 - 110	Recovery	=	79.51%	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range 33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range 16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.66	82	143219	80.68	ng	0.00
Spiked Amount	100.000	Range 34 - 114	Recovery	=	80.68%	
39) CS25 2-Fluorobiphenyl	8.96	172	324153	82.05	ng	0.00
Spiked Amount	100.000	Range 43 - 116	Recovery	=	82.05%	
59) CS55 2,4,6-Tribromophenol	10.76	330	65218	127.72	ng	0.00
Spiked Amount	150.000	Range 10 - 123	Recovery	=	85.15%	
71) CS30 Terphenyl-d14	13.07	244	410022	91.19	ng	0.00
Spiked Amount	100.000	Range 33 - 141	Recovery	=	91.19%	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)eth	5.66	93	2555	1.43 ng	#	1
7) C315 Phenol	5.51	94	171177	72.36	ng	80
8) C330 2-Chlorophenol	5.66	128	137234	73.57	ng	87
9) C320 aniline	5.52	93	1065	0.42 ng	#	1
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	5.95	146	138102	66.36	ng	99
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	5.95	108	595	0.50 ng	#	19
15) C360 bis(2-chloroisoprop	0.00	45	0	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-propyl	6.48	70	103032	82.91	ng	96
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	0.00	77	0	N.D.		
23) C415 Isophorone	0.00	82	0	N.D.		
24) C430 benzoic acid	7.51	122	413	Below Cal	#	1
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	0.00	93	0	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Handwritten signature: [Signature]

Data File : C:\MSDCHEM\1\DATA\070208\W24838.D
 Acq On : 2 Jul 2008 5:56 pm
 Sample : MSBD AS80007662
 Misc : 08-7691

Vial: 26
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 03 07:28:12 2008

Results File: A8I0469.RES

Quant Method : C:\MSDCHEM\1...\A8I0469.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Thu Jul 03 07:27:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070208\W24815.D (2 Jul 2008 9:24 am)

*CS
 7/5/08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.51	180	113267	69.17	ng		99
30) C450 Naphthalene	0.00	128	0	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylphen	8.34	107	128096	91.01	ng		92
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	0.00	65	0	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	0.00	163	0	N.D.			
44) C542 2,6-Dinitrotoluene	9.58	165	405	Below Cal		#	27
43) C550 Acenaphthene	9.84	153	298844	94.20	ng		97
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
49) C570 2,4-Dinitrotoluene	10.08	165	103001	89.04	ng	#	1
50) C560 4-Nitrophenol	10.04	109	38790	84.60	ng	#	87
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	10.21	149	860	0.22	ng	#	60
54) C620 1,2-diphenylhydrazine	10.76	77	407	Below Cal		#	55
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	11.33	266	37768	65.66	ng		95
63) C640 Phenanthrene	0.00	178	0	N.D.			
64) C645 Anthracene	0.00	178	0	N.D.			
65) C647 carbazole	11.91	167	1003	N.D.			
66) C650 Di-n-butylphthalate	12.14	149	627	N.D.			
67) C655 Fluoranthene	0.00	202	0	N.D.			
69) C715 Pyrene	12.93	202	618533	106.07	ng		96
70) C710 benzidine	0.00	184	0	N.D.			
72) C720 Butylbenzylphthalat	13.50	149	213	N.D.			
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.			
74) C730 Benzo[a]anthracene	14.03	228	2383	0.39	ng		95
75) C735 Chrysene	14.03	228	2383	0.41	ng		92
76) C740 bis(2-Ethylhexyl)phth	13.99	149	5469	1.26	ng		98
77) C760 Di-n-octylphthalate	14.51	149	1152	N.D.			
79) C765 Benzo[b]fluoranthen	0.00	252	0	N.D.			
80) C770 Benzo[k]fluoranthen	0.00	252	0	N.D.			
81) C775 Benzo[a]pyrene	15.23	252	656	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

*mms
 8/7/08*

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\070208\W24838.D
 Acq On : 2 Jul 2008 17:56
 Sample : MSBD AS80007662
 Misc : 08-7691

Vial: 26
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 11 17:54:27 2008

Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Tue Jun 24 08:33:58 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070908\W24920.D (9 Jul 2008 11:06)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.93	152	47788	40.00	ng	-0.06 98.00%
4) CI40 Naphthalene-d8	7.57	136	201380	40.00	ng	-0.05 103.41%
7) CI50 Acenaphthene-d8	9.80	164	112437	40.00	ng	-0.04 121.96%
10) CI60 Phenanthrene-d10	11.52	188	197594	40.00	ng	-0.04 127.96%
12) CI70 Chrysene-d12	14.00	240	192932	40.00	ng	-0.03 105.34%
13) CI75 Perylene-d12	15.23	264	187595	40.00	ng	-0.04 104.93%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) E600 Benzaldehyde	5.51	77	2066	1.54	ng	# 6
3) E145 Acetophenone	0.00	105	0	N.D.		
5) E655 Caprolactam	8.34	113	3482	14.29	ng	# 8
6) E195 1,2,4,5-Tetrachloro	0.00	216	0	N.D.		
8) C811 1,1'-Biphenyl	0.00	154	0	N.D.		
9) E230 2,3,4,6-Tetrachloroph	10.23	232	794	9.11	ng	# 32
11) E510 Atrazine	11.33	200	6198	5.29	ng	# 32

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805MSSample wt/vol: 30.17 (g/mL) G Lab File ID: W24994.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene		5500	
208-96-8-----	Acenaphthylene		5500	
98-86-2-----	Acetophenone		1800	
120-12-7-----	Anthracene		7200	E
1912-24-9-----	Atrazine		2400	
100-52-7-----	Benzaldehyde		1200	
56-55-3-----	Benzo (a) anthracene		7900	E
205-99-2-----	Benzo (b) fluoranthene		7200	E
207-08-9-----	Benzo (k) fluoranthene		6800	E
191-24-2-----	Benzo (ghi) perylene		7100	E
50-32-8-----	Benzo (a) pyrene		8200	E
92-52-4-----	Biphenyl		2100	
111-91-1-----	Bis (2-chloroethoxy) methane		4000	
111-44-4-----	Bis (2-chloroethyl) ether		2500	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		3000	
117-81-7-----	Bis (2-ethylhexyl) phthalate		8300	E
101-55-3-----	4-Bromophenyl phenyl ether		6800	
85-68-7-----	Butyl benzyl phthalate		7600	E
105-60-2-----	Caprolactam		2800	
106-47-8-----	4-Chloroaniline		4900	
59-50-7-----	4-Chloro-3-methylphenol		6500	
91-58-7-----	2-Chloronaphthalene		5000	
95-57-8-----	2-Chlorophenol		2700	
7005-72-3-----	4-Chlorophenyl phenyl ether		6300	
86-74-8-----	Carbazole		7800	E
218-01-9-----	Chrysene		7700	BE
53-70-3-----	Dibenzo (a, h) anthracene		7200	E
132-64-9-----	Dibenzofuran		5800	
84-74-2-----	Di-n-butyl phthalate		8300	E
91-94-1-----	3,3'-Dichlorobenzidine		8400	E
120-83-2-----	2,4-Dichlorophenol		4800	
84-66-2-----	Diethyl phthalate		7300	E

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805MSSample wt/vol: 30.17 (g/mL) G Lab File ID: W24994.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

105-67-9-----	2,4-Dimethylphenol	4500	
131-11-3-----	Dimethyl phthalate	7200	E
534-52-1-----	4,6-Dinitro-2-methylphenol	4800	
51-28-5-----	2,4-Dinitrophenol	4700	
121-14-2-----	2,4-Dinitrotoluene	7400	E
606-20-2-----	2,6-Dinitrotoluene	6900	E
117-84-0-----	Di-n-octyl phthalate	9100	E
206-44-0-----	Fluoranthene	8000	E
86-73-7-----	Fluorene	6400	
118-74-1-----	Hexachlorobenzene	6900	E
87-68-3-----	Hexachlorobutadiene	3000	
77-47-4-----	Hexachlorocyclopentadiene	2600	
67-72-1-----	Hexachloroethane	2400	
193-39-5-----	Indeno (1,2,3-cd) pyrene	7400	E
78-59-1-----	Isophorone	4600	
91-57-6-----	2-Methylnaphthalene	4300	
95-48-7-----	2-Methylphenol	3600	
106-44-5-----	4-Methylphenol	3800	
91-20-3-----	Naphthalene	3400	
88-74-4-----	2-Nitroaniline	6900	E
99-09-2-----	3-Nitroaniline	7100	E
100-01-6-----	4-Nitroaniline	7600	E
98-95-3-----	Nitrobenzene	3300	
88-75-5-----	2-Nitrophenol	3600	
100-02-7-----	4-Nitrophenol	7300	E
86-30-6-----	N-nitrosodiphenylamine	8400	E
621-64-7-----	N-Nitroso-Di-n-propylamine	3900	
87-86-5-----	Pentachlorophenol	8400	E
85-01-8-----	Phenanthrene	7000	E
108-95-2-----	Phenol	2200	
129-00-0-----	Pyrene	7100	E
95-95-4-----	2,4,5-Trichlorophenol	6600	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805MS

Sample wt/vol: 30.17 (g/mL) G Lab File ID: W24994.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

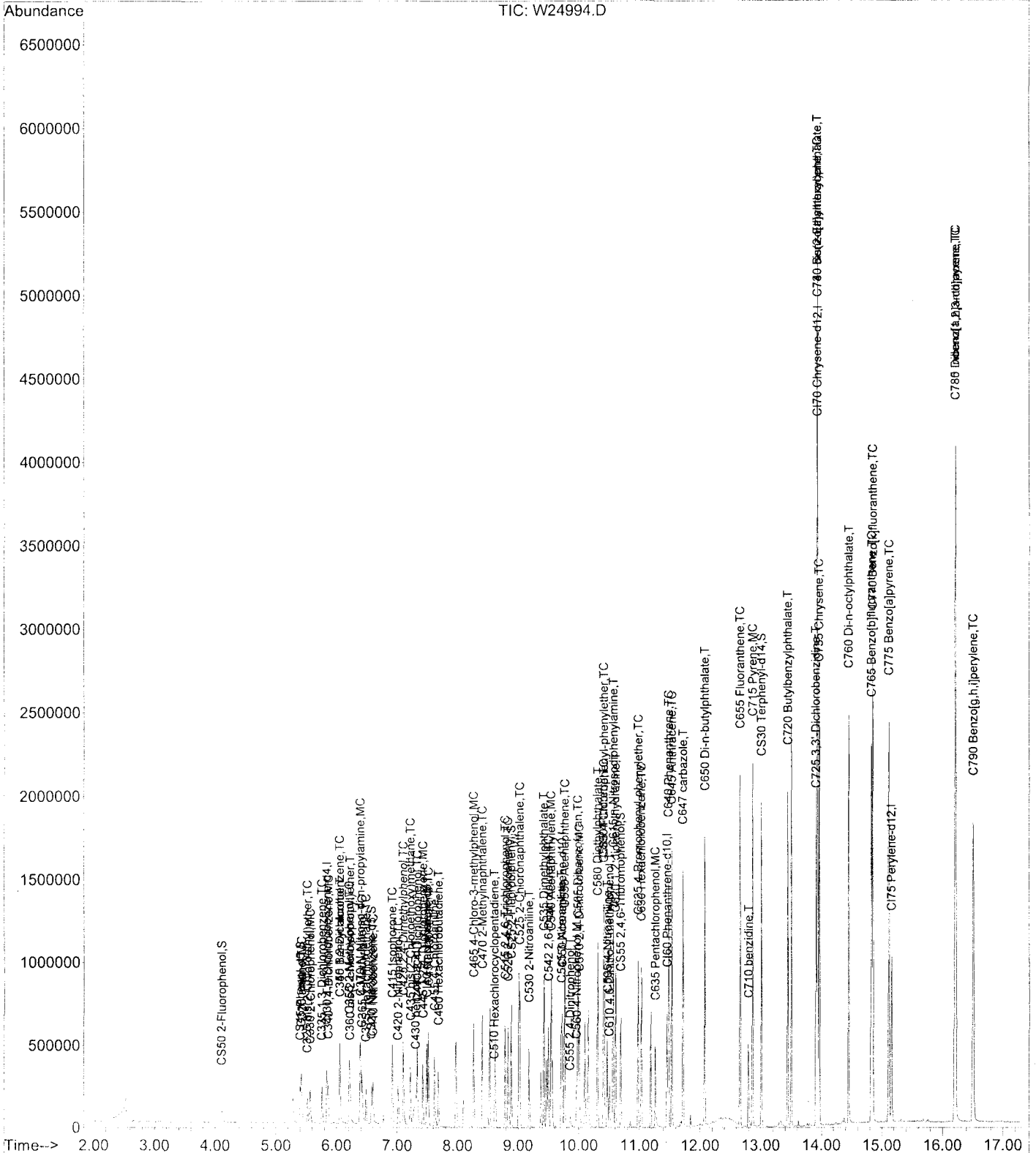
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

88-06-2-----	2,4,6-Trichlorophenol	6000	
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Data File : C:\MSDCHEM\1\DATA\071108\W24994.D
 Acq On : 11 Jul 2008 19:18
 Sample : A8798805MS AS80007827
 Misc :
 MS Integration Params: rteint.p

Vial: 20
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 14 15:29:45 2008 Results File: A8I-516(7-11).RES
 Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\071108\W24994.D
 Acq On : 11 Jul 2008 19:18
 Sample : A8798805MS AS80007827
 Misc :

Vial: 20
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 14 15:29:45 2008

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071108\W24976.D (11 Jul 2008 11:28)

AJ
7-15-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.84	152	55152	80.00	ng	0.00	122.56%
20) CI40 Naphthalene-d8	7.49	136	236395	80.00	ng	0.00	123.21%
35) CI50 Acenaphthene-d10	9.73	164	136258	80.00	ng	0.00	127.88%
56) CI60 Phenanthrene-d10	11.46	188	245861	80.00	ng	0.00	133.88%
68) CI70 Chrysene-d12	13.94	240	311725	80.00	ng	0.00	145.23%
78) CI75 Perylene-d12	15.16	264	334010	80.00	ng	0.00	175.32%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.11	112	35160	45.80	ng	0.02	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	30.53%	
5) CS45 Phenol-d5	5.40	99	89370	73.62	ng	0.00	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	49.08%	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.58	82	79566	73.27	ng	0.00	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	73.27%	
39) CS25 2-Fluorobiphenyl	8.89	172	230785	99.45	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	99.45%	
59) CS55 2,4,6-Tribromophenol	10.70	330	73585	215.09	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	143.39%#	
71) CS30 Terphenyl-d14	13.01	244	490653	133.84	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	133.84%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)eth	5.52	93	61542	57.91	ng	88
7) C315 Phenol	5.42	94	72578	51.84	ng	83
8) C330 2-Chlorophenol	5.57	128	70040	64.52	ng	86
9) C320 aniline	5.43	93	93581	58.60	ng	# 42
10) C335 1,3-Dichlorobenzene	5.77	146	64604	55.83	ng	98
11) C340 1,4-Dichlorobenzene	5.87	146	69649	57.68	ng	98
13) C350 1,2-Dichlorobenzene	6.06	146	69878	59.98	ng	99
14) C345 Benzyl alcohol	6.06	108	56178	81.31	ng	# 85
15) C360 bis(2-chloroisopropyl	6.23	45	105532	69.48	ng	81
16) C355 2-Methylphenol	6.21	108	81003	83.98	ng	91
17) C375 Hexachloroethane	6.49	117	27346	55.83	ng	91
18) C370 N-Nitroso-di-n-propyl	6.40	70	69183	92.14	ng	96
19) C365 4-Methylphenol	6.42	108	93544	90.11	ng	95
22) C410 Nitrobenzene	6.61	77	89018	77.71	ng	85
23) C415 Isophorone	6.92	82	217359	107.27	ng	96
24) C430 benzoic acid	7.31	122	109955	275.88	ng	96
25) C420 2-Nitrophenol	7.02	139	47657	85.73	ng	87
26) C425 2,4-Dimethylphenol	7.10	107	111912	104.92	ng	91
27) C435 bis(2-Chloroethoxy)me	7.22	93	112904	94.78	ng	98
28) C440 2,4-Dichlorophenol	7.33	162	103291	112.06	ng	96

mj

Data File : C:\MSDCHEM\1\DATA\071108\W24994.D Vial: 20
 Acq On : 11 Jul 2008 19:18 Operator: AJ
 Sample : A8798805MS AS80007827 Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 14 15:29:45 2008 Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071108\W24976.D (11 Jul 2008 11:28)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.43	180	75413	77.92	ng		98
30) C450 Naphthalene	7.52	128	266166	81.05	ng		97
31) C455 4-Chloroaniline	7.62	127	145455	114.64	ng		100
32) C460 Hexachlorobutadiene	7.68	225	41450	71.42	ng		98
33) C465 4-Chloro-3-methylphen	8.27	107	130116	153.79	ng		89
34) C470 2-Methylnaphthalene	8.41	142	219550	100.46	ng		92
36) C510 Hexachlorocyclopentad	8.60	237	21018	61.17	ng		99
37) C515 2,4,6-Trichlorophenol	8.79	196	88627	140.05	ng		98
38) C520 2,4,5-Trichlorophenol	8.83	196	106765	155.22	ng		97
40) C525 2-Chloronaphthalene	9.03	162	244676	117.48	ng		96
41) C530 2-Nitroaniline	9.18	65	86952	162.93	ng	#	82
42) C540 Acenaphthylene	9.54	152	428497	130.02	ng		97
43) C535 Dimethylphthalate	9.43	163	376146	169.56	ng		100
44) C542 2,6-Dinitrotoluene	9.50	165	86053	161.39	ng		86
45) C550 Acenaphthene	9.77	153	270614	128.88	ng		97
46) C545 3-Nitroaniline	9.71	138	101405	165.98	ng		88
47) C555 2,4-Dinitrophenol	9.86	184	17633	110.39	ng	#	77
48) C565 Dibenzofuran	9.99	168	394860	136.98	ng		86
49) C570 2,4-Dinitrotoluene	10.01	165	134475	174.74	ng	#	5
50) C560 4-Nitrophenol	9.97	109	51261	171.28	ng	#	85
51) C590 Fluorene	10.41	166	352153	149.31	ng		99
52) C585 4-Chlorophenyl-phenyl	10.42	204	166952	147.54	ng		97
53) C580 Diethylphthalate	10.31	149	394980	171.64	ng		97
54) C620 1,2 diphenylhydrazine	10.61	77	368278	152.90	ng		94
55) C595 4-Nitroaniline	10.47	138	110321	178.53	ng		86
57) C610 4,6-Dinitro-2-methylp	10.51	198	43259	112.62	ng		100
58) C615 n-Nitrosodiphenylamin	10.57	169	346109	197.82	ng		97
60) C625 4-Bromophenyl-phenyle	10.98	248	110867	159.82	ng		92
61) C630 Hexachlorobenzene	11.03	284	122161	163.23	ng		99
62) C635 Pentachlorophenol	11.27	266	66625	197.91	ng		98
63) C640 Phenanthrene	11.48	178	592495	164.04	ng		99
64) C645 Anthracene	11.54	178	626328	169.20	ng		98
65) C647 carbazole	11.72	167	640954	184.30	ng		97
66) C650 Di-n-butylphthalate	12.08	149	801040	196.27	ng		99
67) C655 Fluoranthene	12.66	202	746921	186.93	ng		96
69) C715 Pyrene	12.87	202	784472	166.87	ng		96
70) C710 benzidine	12.80	184	181903	78.35	ng		100
72) C720 Butylbenzylphthalate	13.44	149	390500	179.67	ng		96
73) C725 3,3'-Dichlorobenzidin	13.91	252	320204	196.97	ng		99
74) C730 Benzo[a]anthracene	13.93	228	887816	186.34	ng		98
75) C735 Chrysene	13.96	228	837620	181.13	ng		97
76) C740 bis(2-Ethylhexyl)phth	13.93	149	641785	195.89	ng		99
77) C760 Di-n-octylphthalate	14.45	149	1060529	213.04	ng		100
79) C765 Benzo[b]fluoranthene	14.83	252	1022216	168.73	ng		99
80) C770 Benzo[k]fluoranthene	14.85	252	907443	161.26	ng		98
81) C775 Benzo[a]pyrene	15.12	252	1008738	191.98	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.21	276	1295071	172.98	ng		91
83) C785 Dibenz[a,h]anthracene	16.22	278	1095834	168.70	ng		96
84) C790 Benzo[g,h,i]perylene	16.51	276	1055044	167.92	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\071108\W24994.D Vial: 20
 Acq On : 11 Jul 2008 19:18 Operator: AJ
 Sample : A8798805MS AS80007827 Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.p
 Quant Time: Jul 16 12:16:37 2008 Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Wed Jul 16 12:08:16 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24889.D (8 Jul 2008 11:46)

*SS
 PJ
 7-16-08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.84	152	55152	40.00	ng	-0.07 85.88%
4) CI40 Naphthalene-d8	7.49	136	236395	40.00	ng	-0.06 99.99%
7) CI50 Acenaphthene-d8	9.73	164	136258	40.00	ng	-0.06 110.10%
10) CI60 Phenanthrene-d10	11.46	188	245861	40.00	ng	-0.05 128.36%
12) CI70 Chrysene-d12	13.94	240	311725	40.00	ng	-0.04 152.97%
13) CI75 Perylene-d12	15.16	264	334010	40.00	ng	-0.05 173.69%
						Qvalue
2) E600 Benzaldehyde	5.28	77	45428	29.26	ng	84
3) E145 Acetophenone	6.39	105	110160	43.05	ng	86
5) E655 Caprolactam	8.10	113	41194	66.82	ng	# 60
6) E195 1,2,4,5-Tetrachlorobe	8.63	216	99697	53.70	ng	# 100
8) C811 1,1'-Biphenyl	9.01	154	296483	48.94	ng	95
9) E230 2,3,4,6-Tetrachloroph	10.16	232	102062	107.63	ng	90
11) E510 Atrazine	11.19	200	83248	57.10	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

*m
 8/1/08*

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805AHSample wt/vol: 30.17 (g/mL) G Lab File ID: X25520.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
83-32-9-----	Acenaphthene		2800	
208-96-8-----	Acenaphthylene		2200	
98-86-2-----	Acetophenone		220	U
120-12-7-----	Anthracene		3400	
1912-24-9-----	Atrazine		430	
100-52-7-----	Benzaldehyde		220	U
56-55-3-----	Benzo (a) anthracene		3800	
205-99-2-----	Benzo (b) fluoranthene		4100	
207-08-9-----	Benzo (k) fluoranthene		3000	
191-24-2-----	Benzo (ghi) perylene		3000	
50-32-8-----	Benzo (a) pyrene		4000	
92-52-4-----	Biphenyl		1600	
111-91-1-----	Bis (2-chloroethoxy) methane		10000	E
111-44-4-----	Bis (2-chloroethyl) ether		220	U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		220	U
117-81-7-----	Bis (2-ethylhexyl) phthalate		3300	
101-55-3-----	4-Bromophenyl phenyl ether		3300	
85-68-7-----	Butyl benzyl phthalate		3600	
105-60-2-----	Caprolactam		100000	E
106-47-8-----	4-Chloroaniline		18000	E
59-50-7-----	4-Chloro-3-methylphenol		76000	E
91-58-7-----	2-Chloronaphthalene		1700	
95-57-8-----	2-Chlorophenol		220	U
7005-72-3-----	4-Chlorophenyl phenyl ether		3400	
86-74-8-----	Carbazole		3600	
218-01-9-----	Chrysene		3700	B
53-70-3-----	Dibenzo (a, h) anthracene		3200	
132-64-9-----	Dibenzofuran		3100	
84-74-2-----	Di-n-butyl phthalate		3600	
91-94-1-----	3,3'-Dichlorobenzidine		3700	
120-83-2-----	2,4-Dichlorophenol		38000	E
84-66-2-----	Diethyl phthalate		4100	

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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805AHSample wt/vol: 30.17 (g/mL) G Lab File ID: X25520.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9	2,4-Dimethylphenol	35000		E
131-11-3	Dimethyl phthalate	4000		
534-52-1	4,6-Dinitro-2-methylphenol	3100		
51-28-5	2,4-Dinitrophenol	2700		
121-14-2	2,4-Dinitrotoluene	4500		
606-20-2	2,6-Dinitrotoluene	4200		
117-84-0	Di-n-octyl phthalate	3800		
206-44-0	Fluoranthene	3700		
86-73-7	Fluorene	3400		
118-74-1	Hexachlorobenzene	3500		
87-68-3	Hexachlorobutadiene	42		J
77-47-4	Hexachlorocyclopentadiene	220		U
67-72-1	Hexachloroethane	220		U
193-39-5	Indeno (1,2,3-cd) pyrene	3300		
78-59-1	Isophorone	19000		E
91-57-6	2-Methylnaphthalene	18000		BE
95-48-7	2-Methylphenol	220		U
106-44-5	4-Methylphenol	220		U
91-20-3	Naphthalene	1800		
88-74-4	2-Nitroaniline	3900		
99-09-2	3-Nitroaniline	3800		
100-01-6	4-Nitroaniline	4400		
98-95-3	Nitrobenzene	1400		
88-75-5	2-Nitrophenol	4000		
100-02-7	4-Nitrophenol	4700		
86-30-6	N-nitrosodiphenylamine	3900		
621-64-7	N-Nitroso-Di-n-propylamine	220		U
87-86-5	Pentachlorophenol	4100		
85-01-8	Phenanthrene	3300		
108-95-2	Phenol	220		U
129-00-0	Pyrene	3200		
95-95-4	2,4,5-Trichlorophenol	2900		

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805AH

Sample wt/vol: 30.17 (g/mL) G Lab File ID: X25520.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

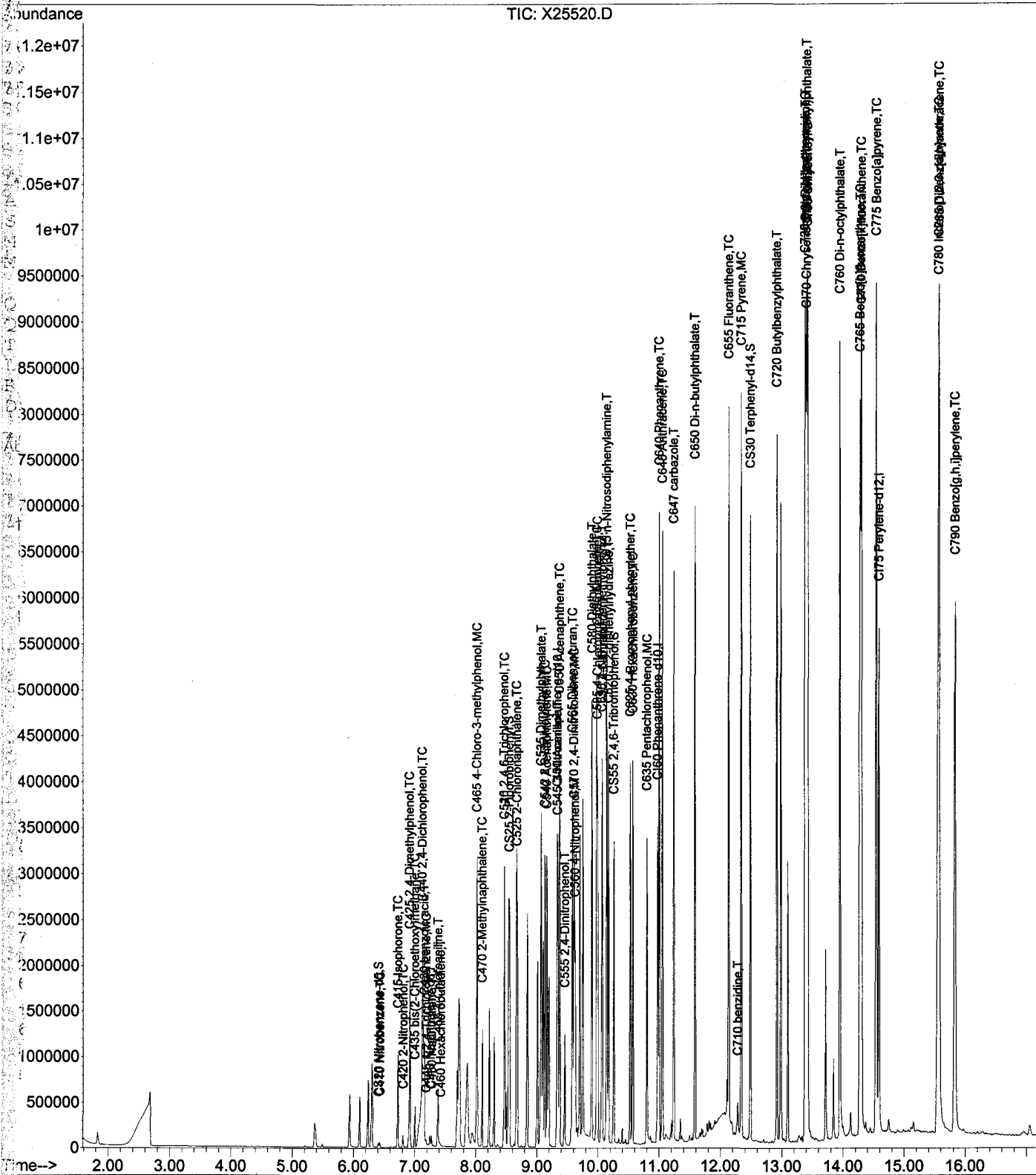
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

88-06-2-----	2,4,6-Trichlorophenol	2900	
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Data File : D:\DATA\080408\X25520.D
Acq On : 5 Aug 2008 6:51
Sample : A8798805MS\AS8007827
Misc :
MS Integration Params: rteint.p

Vial: 57
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 05 10:05:18 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



H Abs

Data File : D:\DATA\080408\X25520.D
Acq On : 5 Aug 2008 6:51
Sample : A8798805MS AS8007827
Misc :

Vial: 57
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Aug 05 10:05:18 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP
IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

Handwritten initials: JW 08/05/08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	0.00	152	0	0.00	ng	-5.73	0.00%
20) CI40 Naphthalene-d8	7.25	136	44011	40.00	ng	0.00	2.98%
135) CI50 Acenaphthene-d10	9.33	164	543524	40.00	ng	0.00	70.61%
136) CI60 Phenanthrene-d10	10.97	188	1248611	40.00	ng	0.00	88.04%
138) CI70 Chrysene-d12	13.39	240	1339218	40.00	ng	0.00	95.04%
178) CI75 Perylene-d12	14.58	264	1843663	40.00	ng	0.01	102.72%

System Monitoring Compounds

Re3) CS50 2-Fluorophenol	4.14	112	161	0.00	ng	0.00	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	0.00%#	
IS5) CS45 Phenol-d5	5.37	99	91033	0.00	ng	0.00	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	0.00%#	
16) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.41	82	14862	29.40	ng	0.00	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	29.40%#	
39) CS25 2-Fluorobiphenyl	8.55	172	630860	33.14	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	33.14%#	
159) CS55 2,4,6-Tribromophenol	10.25	330	367416	121.44	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	80.96%	
171) CS30 Terphenyl-d14	12.48	244	2040445	64.68	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	64.68%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
12) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
14) C325 bis(2-Chloroethyl) e	5.44	93	2626	N.D.		
137) C315 Phenol	5.38	94	69641	N.D.		
138) C330 2-Chlorophenol	5.49	128	8290	N.D.		
139) C320 aniline	5.36	93	19265	N.D.		
140) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	5.92	146	207	N.D.		
14) C345 Benzyl alcohol	5.94	108	102497	N.D.		
15) C360 bis(2-chloroisoprop	6.08	45	2665	N.D.		
16) C355 2-Methylphenol	6.10	108	112850	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
13) C370 N-Nitroso-di-n-prop	6.24	70	144982	N.D.		
139) C365 4-Methylphenol	6.30	108	256853	N.D.		
132) C410 Nitrobenzene	6.43	77	17727	34.32	ng	89
133) C415 Isophorone	6.72	82	430040	437.54	ng	91
124) C430 benzoic acid	7.16	122	890496	3040.65	ng	# 65
125) C420 2-Nitrophenol	6.81	139	22645	94.49	ng	90
126) C425 2,4-Dimethylphenol	6.91	107	370527	825.85	ng	98
127) C435 bis(2-Chloroethoxy)me	7.00	93	131698	243.23	ng	96
128) C440 2,4-Dichlorophenol	7.13	162	308933	887.51	ng	95

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Data File : D:\DATA\080408\X25520.D

Vial: 57

Acq On : 5 Aug 2008 6:51

Operator: AJ

Sample : A8798805MS AS8007827

Inst : HP5973X

Misc :

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Aug 05 10:05:18 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Tue Aug 05 09:59:01 2008

Response via : Initial Calibration

DataAcq Meth : 8270BP

QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
19) C445 1,2,4-Trichlorobenzen	7.19	180	5615	16.40	ng		86
20) C450 Naphthalene	7.28	128	50203	41.14	ng		96
31) C455 4-Chloroaniline	7.38	127	222005	425.08	ng		100
32) C460 Hexachlorobutadiene	7.43	225	177	0.98	ng	#	17
33) C465 4-Chloro-3-methylphen	8.01	107	722163	1785.11	ng		99
34) C470 2-Methylnaphthalene	8.10	142	341058	433.48	ng		100
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophenol	8.46	196	385085	69.11	ng		99
38) C520 2,4,5-Trichlorophenol	8.46	196	385085	69.11	ng		98
39) C525 2-Chloronaphthalene	8.67	162	668107	40.31	ng		97
41) C530 2-Nitroaniline	10.06	65	594964	92.75	ng		90
42) C540 Acenaphthylene	9.16	152	1412197	52.32	ng		98
43) C535 Dimethylphthalate	9.07	163	1877487	93.95	ng		100
44) C542 2,6-Dinitrotoluene	9.13	165	469203	98.34	ng		85
45) C550 Acenaphthene	9.37	153	1047431	64.88	ng		98
46) C545 3-Nitroaniline	9.34	138	469873	90.19	ng		92
47) C555 2,4-Dinitrophenol	9.45	184	204020	62.95	ng	#	48
48) C565 Dibenzofuran	9.57	168	1693644	72.07	ng		96
49) C570 2,4-Dinitrotoluene	9.60	165	688364	105.56	ng		88
50) C560 4-Nitrophenol	9.62	109	299223	111.59	ng	#	64
51) C590 Fluorene	9.98	166	1534336	81.09	ng		97
52) C585 4-Chlorophenyl-phenyl	9.99	204	712537	80.49	ng		93
53) C580 Diethylphthalate	9.90	149	1815989	97.47	ng		99
54) C620 1,2-diphenylhydrazine	10.17	77	1635481	79.03	ng		80
55) C595 4-Nitroaniline	10.06	138	564232	103.86	ng		97
57) C610 4,6-Dinitro-2-methylp	10.07	198	326949	73.94	ng		100
58) C615 n-Nitrosodiphenylamin	10.14	169	1586600	91.93	ng		98
60) C625 4-Bromophenyl-phenyle	10.52	248	471694	76.81	ng		88
61) C630 Hexachlorobenzene	10.56	284	521236	82.75	ng		87
62) C635 Pentachlorophenol	10.80	266	400723	97.50	ng		99
63) C640 Phenanthrene	11.00	178	2521234	76.97	ng		100
64) C645 Anthracene	11.05	178	2647768	79.08	ng		100
65) C647 carbazole	11.24	167	2926561	85.93	ng		97
66) C650 Di-n-butylphthalate	11.58	149	3221040	84.61	ng		100
67) C655 Fluoranthene	12.13	202	3196020	86.74	ng		87
69) C715 Pyrene	12.33	202	3397975	76.48	ng		85
70) C710 benzidine	12.27	184	116791	9.00	ng		96
72) C720 Butylbenzylphthalate	12.91	149	1695847	85.36	ng		90
73) C725 3,3'-Dichlorobenzidin	13.37	252	1308407	87.11	ng		98
74) C730 Benzo[a]anthracene	13.38	228	3587598	89.23	ng		99
75) C735 Chrysene	13.42	228	3485233	86.86	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.40	149	2094235	77.09	ng		97
77) C760 Di-n-octylphthalate	13.94	149	4707554	89.64	ng		99
79) C765 Benzo[b]fluoranthene	14.27	252	5571880	96.27	ng		98
80) C770 Benzo[k]fluoranthene	14.29	252	4136975	70.39	ng		97
81) C775 Benzo[a]pyrene	14.54	252	4961777	94.28	ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.56	276	4997349	76.85	ng		97
83) C785 Dibenz[a,h]anthracene	15.57	278	4114566	76.06	ng		95
84) C790 Benzo[g,h,i]perylene	15.83	276	4077421	70.53	ng		96

#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\080408\X25520.D
 Acq On : 5 Aug 2008 6:51
 Sample : A8798805MS AS8007827
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Aug 05 17:51:39 2008

Vial: 57
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Tue Aug 05 17:50:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

Handwritten: File
 2008/8/8

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	0.00	152	0	0.00	ng	-5.73	0.00%
4) CI40 Naphthalene-d8	7.25	136	44011	40.00	ng	0.00	4.94%
7) CI50 Acenaphthene-d8	9.33	164	543524	40.00	ng	0.00	127.85%
10) CI60 Phenanthrene-d10	10.97	188	1248611	40.00	ng	0.00	201.35%
12) CI70 Chrysene-d12	13.39	240	1339218	40.00	ng	0.01	210.63%
13) CI75 Perylene-d12	14.58	264	1843663	40.00	ng	0.01	240.08%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.21	77	4264	N.D.			
3) E145 Acetophenone	6.23	105	61922	N.D.			
5) E655 Caprolactam	7.85	113	305357	2384.16	ng		86
6) E195 1,2,4,5-Tetrachlorobe	8.30	216	207420	568.27	ng		98
8) C811 1,1'-Biphenyl	8.66	154	891572	36.94	ng		98
9) E230 2,3,4,6-Tetrachloroph	9.75	232	455002	108.34	ng	#	100
11) E510 Atrazine	10.80	200	72342	10.12	ng	#	26

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805SDSample wt/vol: 30.60 (g/mL) G Lab File ID: W24995.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
---------	----------	-----------------	--------------	---

83-32-9-----	Acenaphthene		5900	
208-96-8-----	Acenaphthylene		5800	
98-86-2-----	Acetophenone		2000	
120-12-7-----	Anthracene		7800	E
1912-24-9----	Atrazine		2600	
100-52-7-----	Benzaldehyde		1400	
56-55-3-----	Benzo (a) anthracene		8600	E
205-99-2-----	Benzo (b) fluoranthene		7300	E
207-08-9-----	Benzo (k) fluoranthene		8200	E
191-24-2-----	Benzo (ghi) perylene		7000	E
50-32-8-----	Benzo (a) pyrene		8800	E
92-52-4-----	Biphenyl		2200	
111-91-1-----	Bis (2-chloroethoxy) methane		4400	
111-44-4-----	Bis (2-chloroethyl) ether		2900	
108-60-1-----	2,2'-Oxybis (1-Chloropropane)		3300	
117-81-7-----	Bis (2-ethylhexyl) phthalate		9000	E
101-55-3-----	4-Bromophenyl phenyl ether		7300	E
85-68-7-----	Butyl benzyl phthalate		8400	E
105-60-2-----	Caprolactam		2900	
106-47-8-----	4-Chloroaniline		5300	
59-50-7-----	4-Chloro-3-methylphenol		6900	E
91-58-7-----	2-Chloronaphthalene		5400	
95-57-8-----	2-Chlorophenol		3100	
7005-72-3----	4-Chlorophenyl phenyl ether		6700	E
86-74-8-----	Carbazole		8400	E
218-01-9-----	Chrysene		8300	BE
53-70-3-----	Dibenzo (a, h) anthracene		7200	E
132-64-9-----	Dibenzofuran		6000	
84-74-2-----	Di-n-butyl phthalate		9200	E
91-94-1-----	3,3'-Dichlorobenzidine		9200	E
120-83-2-----	2,4-Dichlorophenol		5000	
84-66-2-----	Diethyl phthalate		7800	E

LABELLA ASSOCIATES
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 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805SDSample wt/vol: 30.60 (g/mL) G Lab File ID: W24995.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
105-67-9	2,4-Dimethylphenol	4800		
131-11-3	Dimethyl phthalate	7500		E
534-52-1	4,6-Dinitro-2-methylphenol	5300		
51-28-5	2,4-Dinitrophenol	5500		
121-14-2	2,4-Dinitrotoluene	7700		E
606-20-2	2,6-Dinitrotoluene	7400		E
117-84-0	Di-n-octyl phthalate	9900		E
206-44-0	Fluoranthene	8600		E
86-73-7	Fluorene	6900		E
118-74-1	Hexachlorobenzene	7400		E
87-68-3	Hexachlorobutadiene	3400		
77-47-4	Hexachlorocyclopentadiene	3200		
67-72-1	Hexachloroethane	2800		
193-39-5	Indeno (1,2,3-cd) pyrene	7400		E
78-59-1	Isophorone	4800		
91-57-6	2-Methylnaphthalene	4700		
95-48-7	2-Methylphenol	4000		
106-44-5	4-Methylphenol	4200		
91-20-3	Naphthalene	3800		
88-74-4	2-Nitroaniline	7300		E
99-09-2	3-Nitroaniline	7500		E
100-01-6	4-Nitroaniline	8100		E
98-95-3	Nitrobenzene	3700		
88-75-5	2-Nitrophenol	4000		
100-02-7	4-Nitrophenol	7900		E
86-30-6	N-nitrosodiphenylamine	9100		E
621-64-7	N-Nitroso-Di-n-propylamine	4400		
87-86-5	Pentachlorophenol	9100		E
85-01-8	Phenanthrene	7600		E
108-95-2	Phenol	2700		
129-00-0	Pyrene	7900		E
95-95-4	2,4,5-Trichlorophenol	6900		E

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805SD

Sample wt/vol: 30.60 (g/mL) G Lab File ID: W24995.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

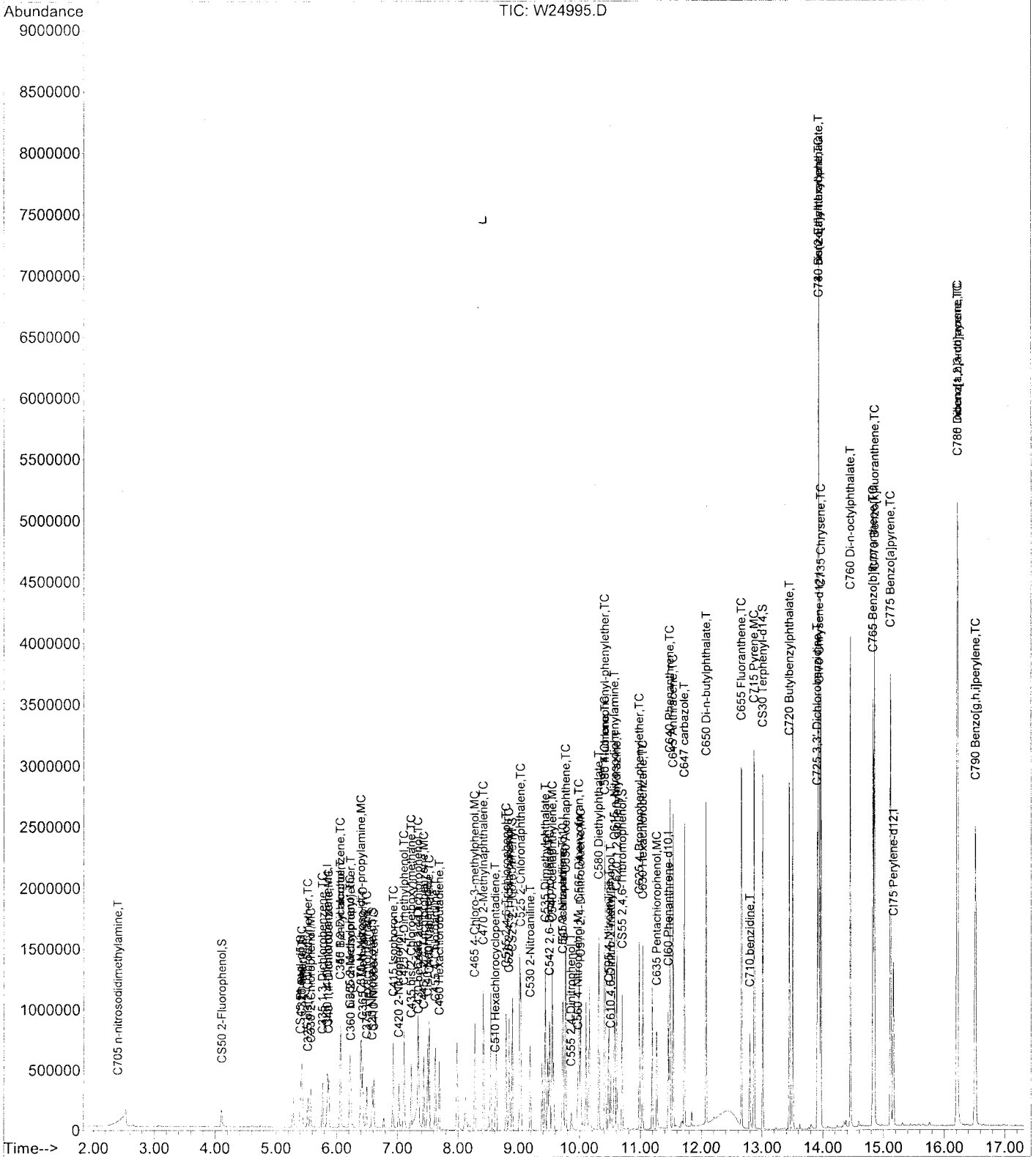
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

88-06-2-----	2,4,6-Trichlorophenol	6200	
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Data File : C:\MSDCHEM\1\DATA\071108\W24995.D
 Acq On : 11 Jul 2008 19:41
 Sample : A8798805SD AS80007828
 Misc :
 MS Integration Params: rteint.p

Vial: 21
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Quant Time: Jul 14 15:29:46 2008 Results File: A8I-516(7-11).RES
 Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270



Data File : C:\MSDCHEM\1\DATA\071108\W24995.D
 Acq On : 11 Jul 2008 19:41
 Sample : A8798805SD AS80007828
 Misc :

Vial: 21
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 14 15:29:46 2008

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071108\W24976.D (11 Jul 2008 11:28)

AJ
7-15-08

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	5.84	152	76920	80.00	ng	0.00	170.93%
20) CI40 Naphthalene-d8	7.49	136	336700	80.00	ng	0.00	175.50%
35) CI50 Acenaphthene-d10	9.73	164	196228	80.00	ng	0.00	184.17%
56) CI60 Phenanthrene-d10	11.46	188	347976	80.00	ng	0.00	189.49%
68) CI70 Chrysene-d12	13.95	240	431430	80.00	ng	0.00	201.00%
78) CI75 Perylene-d12	15.16	264	464835	80.00	ng	0.00	243.99%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.11	112	67300	57.95	ng	0.01	
Spiked Amount	150.000	Range	21 - 110	Recovery	=	38.63%	
5) CS45 Phenol-d5	5.40	99	149037	88.03	ng	0.00	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	58.69%	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.58	82	118222	76.43	ng	0.00	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	76.43%	
39) CS25 2-Fluorobiphenyl	8.89	172	357461	106.96	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	106.96%	
59) CS55 2,4,6-Tribromophenol	10.70	330	114257	234.78	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	156.52%#	
71) CS30 Terphenyl-d14	13.01	244	738940	145.64	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	145.64%#	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethylam	2.39	74	6028	20.17	ng	# 75
4) C325 bis(2-Chloroethyl)eth	5.52	93	102399	69.09	ng	89
7) C315 Phenol	5.42	94	126295	64.68	ng	78
8) C330 2-Chlorophenol	5.57	128	111432	73.60	ng	86
9) C320 aniline	5.42	93	158114	70.99	ng	# 40
10) C335 1,3-Dichlorobenzene	5.76	146	109654	67.94	ng	97
11) C340 1,4-Dichlorobenzene	5.87	146	115740	68.72	ng	99
13) C350 1,2-Dichlorobenzene	6.06	146	116486	71.69	ng	95
14) C345 Benzyl alcohol	6.06	108	90855	91.86	ng	89
15) C360 bis(2-chloroisopropyl	6.23	45	165487	78.12	ng	82
16) C355 2-Methylphenol	6.21	108	129877	96.54	ng	93
17) C375 Hexachloroethane	6.49	117	46273	67.73	ng	93
18) C370 N-Nitroso-di-n-propyl	6.40	70	110794	105.80	ng	90
19) C365 4-Methylphenol	6.42	108	147832	100.43	ng	93
22) C410 Nitrobenzene	6.61	77	143261	87.81	ng	91
23) C415 Isophorone	6.93	82	332221	115.11	ng	94
24) C430 benzoic acid	7.35	122	228618	356.97	ng	97
25) C420 2-Nitrophenol	7.02	139	76061	94.85	ng	87
26) C425 2,4-Dimethylphenol	7.10	107	172285	113.40	ng	93
27) C435 bis(2-Chloroethoxy)me	7.22	93	177796	104.79	ng	97
28) C440 2,4-Dichlorophenol	7.33	162	156290	118.38	ng	97

m 8/7/2008

Data File : C:\MSDCHEM\1\DATA\071108\W24995.D
 Acq On : 11 Jul 2008 19:41
 Sample : A8798805SD AS80007828
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Jul 14 15:29:46 2008

Vial: 21
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

Results File: A8I-516(7-11).RES

Quant Method : C:\MSDCHEM\1...\A8I-516(7-11).M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Jul 14 15:29:14 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\071108\W24976.D (11 Jul 2008 11:28)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	7.43	180	120506	87.42	ng		100
30) C450 Naphthalene	7.52	128	425640	90.99	ng		97
31) C455 4-Chloroaniline	7.62	127	230421	127.51	ng		99
32) C460 Hexachlorobutadiene	7.68	225	67181	81.28	ng		98
33) C465 4-Chloro-3-methylphen	8.27	107	198665	164.85	ng		87
34) C470 2-Methylnaphthalene	8.41	142	349622	112.32	ng		95
36) C510 Hexachlorocyclopentad	8.60	237	39329	75.63	ng		99
37) C515 2,4,6-Trichlorophenol	8.79	196	135284	147.74	ng		95
38) C520 2,4,5-Trichlorophenol	8.83	196	163737	164.65	ng		99
40) C525 2-Chloronaphthalene	9.03	162	387045	129.04	ng		95
41) C530 2-Nitroaniline	9.19	65	134586	174.47	ng	#	72
42) C540 Acenaphthylene	9.55	152	661726	139.42	ng		98
43) C535 Dimethylphthalate	9.43	163	573818	179.61	ng		100
44) C542 2,6-Dinitrotoluene	9.51	165	136383	176.39	ng		87
45) C550 Acenaphthene	9.77	153	424530	140.39	ng		99
46) C545 3-Nitroaniline	9.71	138	159049	179.56	ng	#	81
47) C555 2,4-Dinitrophenol	9.86	184	33008	130.76	ng	#	81
48) C565 Dibenzofuran	9.99	168	594060	143.10	ng		86
49) C570 2,4-Dinitrotoluene	10.01	165	205343	184.78	ng	#	1
50) C560 4-Nitrophenol	9.97	109	82984	189.34	ng		87
51) C590 Fluorene	10.41	166	559886	164.84	ng		98
52) C585 4-Chlorophenyl-phenyl	10.42	204	261071	160.21	ng		99
53) C580 Diethylphthalate	10.31	149	618455	186.62	ng		98
54) C620 1,2 diphenylhydrazine	10.61	77	575085	165.80	ng		93
55) C595 4-Nitroaniline	10.48	138	174186	194.30	ng		85
57) C610 4,6-Dinitro-2-methylp	10.51	198	70477	125.90	ng		100
58) C615 n-Nitrosodiphenylamin	10.57	169	539281	217.77	ng		97
60) C625 4-Bromophenyl-phenyle	10.98	248	171488	174.66	ng		95
61) C630 Hexachlorobenzene	11.04	284	186165	175.75	ng		94
62) C635 Pentachlorophenol	11.27	266	108110	217.44	ng		99
63) C640 Phenanthrene	11.48	178	930643	182.05	ng		99
64) C645 Anthracene	11.54	178	975749	186.24	ng		98
65) C647 carbazole	11.72	167	991496	201.43	ng		97
66) C650 Di-n-butylphthalate	12.08	149	1263828	218.79	ng		99
67) C655 Fluoranthene	12.66	202	1158323	204.82	ng		98
69) C715 Pyrene	12.87	202	1220561	187.60	ng		96
70) C710 benzidine	12.80	184	297765	90.60	ng		99
72) C720 Butylbenzylphthalate	13.45	149	602682	200.36	ng		90
73) C725 3,3'-Dichlorobenzidin	13.91	252	492523	218.91	ng		97
74) C730 Benzo[a]anthracene	13.94	228	1356302	205.68	ng		98
75) C735 Chrysene	13.97	228	1266348	197.86	ng		97
76) C740 bis(2-Ethylhexyl)pth	13.93	149	979427	216.00	ng		99
77) C760 Di-n-octylphthalate	14.45	149	1623212	235.60	ng		100
79) C765 Benzo[b]fluoranthene	14.83	252	1473327	174.75	ng		97
80) C770 Benzo[k]fluoranthene	14.85	252	1522493	194.41	ng		99
81) C775 Benzo[a]pyrene	15.12	252	1544524	211.22	ng		98
82) C780 Indeno[1,2,3-cd]pyren	16.22	276	1832783	175.90	ng		90
83) C785 Dibenz[a,h]anthracene	16.22	278	1549523	171.41	ng		95
84) C790 Benzo[g,h,i]perylene	16.52	276	1457666	166.71	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : C:\MSDCHEM\1\DATA\071108\W24995.D
 Acq On : 11 Jul 2008 19:41
 Sample : A8798805SD AS80007828
 Misc :

Vial: 21
 Operator: AJ
 Inst : Instrumen
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Jul 16 12:16:37 2008

Results File: TCLADDS...0469.RES

Quant Method : C:\MSDCHEM\1...\TCLADDS-A8I0469.M (RTE Integrator)
 Title : TCL ADDS
 Last Update : Wed Jul 16 12:08:16 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : C:\MSDCHEM\1\DATA\070808\W24889.D (8 Jul 2008 11:46)

*SS
 AJ
 7-16-08*

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)	
1) CI30 1,4-Dichlorobenzene-d	5.84	152	76920	40.00	ng	-0.07 119.77%	
4) CI40 Naphthalene-d8	7.49	136	336700	40.00	ng	-0.06 142.41%	
7) CI50 Acenaphthene-d8	9.73	164	196228	40.00	ng	-0.06 158.55%	
10) CI60 Phenanthrene-d10	11.46	188	347976	40.00	ng	-0.05 181.67%	
12) CI70 Chrysene-d12	13.95	240	431430	40.00	ng	-0.04 211.71%	
13) CI75 Perylene-d12	15.16	264	464835	40.00	ng	-0.05 241.72%	
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.28	77	70700	32.65	ng		90
3) E145 Acetophenone	6.39	105	174927	49.02	ng		85
5) E655 Caprolactam	8.11	113	61544	69.67	ng	#	65
6) E195 1,2,4,5-Tetrachlorobe	8.62	216	156600	59.23	ng	#	100
8) C811 1,1'-Biphenyl	9.01	154	465986	53.41	ng		95
9) E230 2,3,4,6-Tetrachloroph	10.16	232	150085	109.73	ng		95
11) E510 Atrazine	11.19	200	129666	62.84	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

*mjm
 8/1/08*

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805AFSample wt/vol: 30.60 (g/mL) G Lab File ID: X25521.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/KG</u>	Q
83-32-9-----	Acenaphthene	3000		
208-96-8-----	Acenaphthylene	2400		
98-86-2-----	Acetophenone	210		U
120-12-7-----	Anthracene	3500		
1912-24-9-----	Atrazine	460		
100-52-7-----	Benzaldehyde	210		U
56-55-3-----	Benzo (a) anthracene	4200		
205-99-2-----	Benzo (b) fluoranthene	4300		
207-08-9-----	Benzo (k) fluoranthene	3200		
191-24-2-----	Benzo (ghi) perylene	3400		
50-32-8-----	Benzo (a) pyrene	4200		
92-52-4-----	Biphenyl	1500		
111-91-1-----	Bis (2-chloroethoxy) methane	13000		E
111-44-4-----	Bis (2-chloroethyl) ether	210		U
108-60-1-----	2,2'-Oxybis (1-Chloropropane)	210		U
117-81-7-----	Bis (2-ethylhexyl) phthalate	3600		
101-55-3-----	4-Bromophenyl phenyl ether	3500		
85-68-7-----	Butyl benzyl phthalate	4000		
105-60-2-----	Caprolactam	260000		E
106-47-8-----	4-Chloroaniline	42000		E
59-50-7-----	4-Chloro-3-methylphenol	200000		E
91-58-7-----	2-Chloronaphthalene	1600		
95-57-8-----	2-Chlorophenol	210		U
7005-72-3-----	4-Chlorophenyl phenyl ether	3800		
86-74-8-----	Carbazole	3800		
218-01-9-----	Chrysene	4000		B
53-70-3-----	Dibenzo (a, h) anthracene	3600		
132-64-9-----	Dibenzofuran	3400		
84-74-2-----	Di-n-butyl phthalate	3800		
91-94-1-----	3,3'-Dichlorobenzidine	4000		
120-83-2-----	2,4-Dichlorophenol	82000		E
84-66-2-----	Diethyl phthalate	4700		

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805AFSample wt/vol: 30.60 (g/mL) G Lab File ID: X25521.RRLevel: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

105-67-9-----	2,4-Dimethylphenol	75000	E
131-11-3-----	Dimethyl phthalate	4500	
534-52-1-----	4,6-Dinitro-2-methylphenol	3400	
51-28-5-----	2,4-Dinitrophenol	3300	
121-14-2-----	2,4-Dinitrotoluene	5100	
606-20-2-----	2,6-Dinitrotoluene	4700	
117-84-0-----	Di-n-octyl phthalate	4100	
206-44-0-----	Fluoranthene	3700	
86-73-7-----	Fluorene	3800	
118-74-1-----	Hexachlorobenzene	3800	
87-68-3-----	Hexachlorobutadiene	290	
77-47-4-----	Hexachlorocyclopentadiene	210	U
67-72-1-----	Hexachloroethane	210	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	3700	
78-59-1-----	Isophorone	38000	E
91-57-6-----	2-Methylnaphthalene	33000	BE
95-48-7-----	2-Methylphenol	210	U
106-44-5-----	4-Methylphenol	210	U
91-20-3-----	Naphthalene	2000	
88-74-4-----	2-Nitroaniline	4300	
99-09-2-----	3-Nitroaniline	4300	
100-01-6-----	4-Nitroaniline	4800	
98-95-3-----	Nitrobenzene	900	
88-75-5-----	2-Nitrophenol	3700	
100-02-7-----	4-Nitrophenol	5300	
86-30-6-----	N-nitrosodiphenylamine	4200	
621-64-7-----	N-Nitroso-Di-n-propylamine	210	U
87-86-5-----	Pentachlorophenol	4400	
85-01-8-----	Phenanthrene	3400	
108-95-2-----	Phenol	210	U
129-00-0-----	Pyrene	3600	
95-95-4-----	2,4,5-Trichlorophenol	3200	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798805AF

Sample wt/vol: 30.60 (g/mL) G Lab File ID: X25521.RR

Level: (low/med) LOW Date Samp/Recv: 06/27/2008 07/03/2008

% Moisture: 22 decanted: (Y/N) N Date Extracted: 07/07/2008

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/05/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

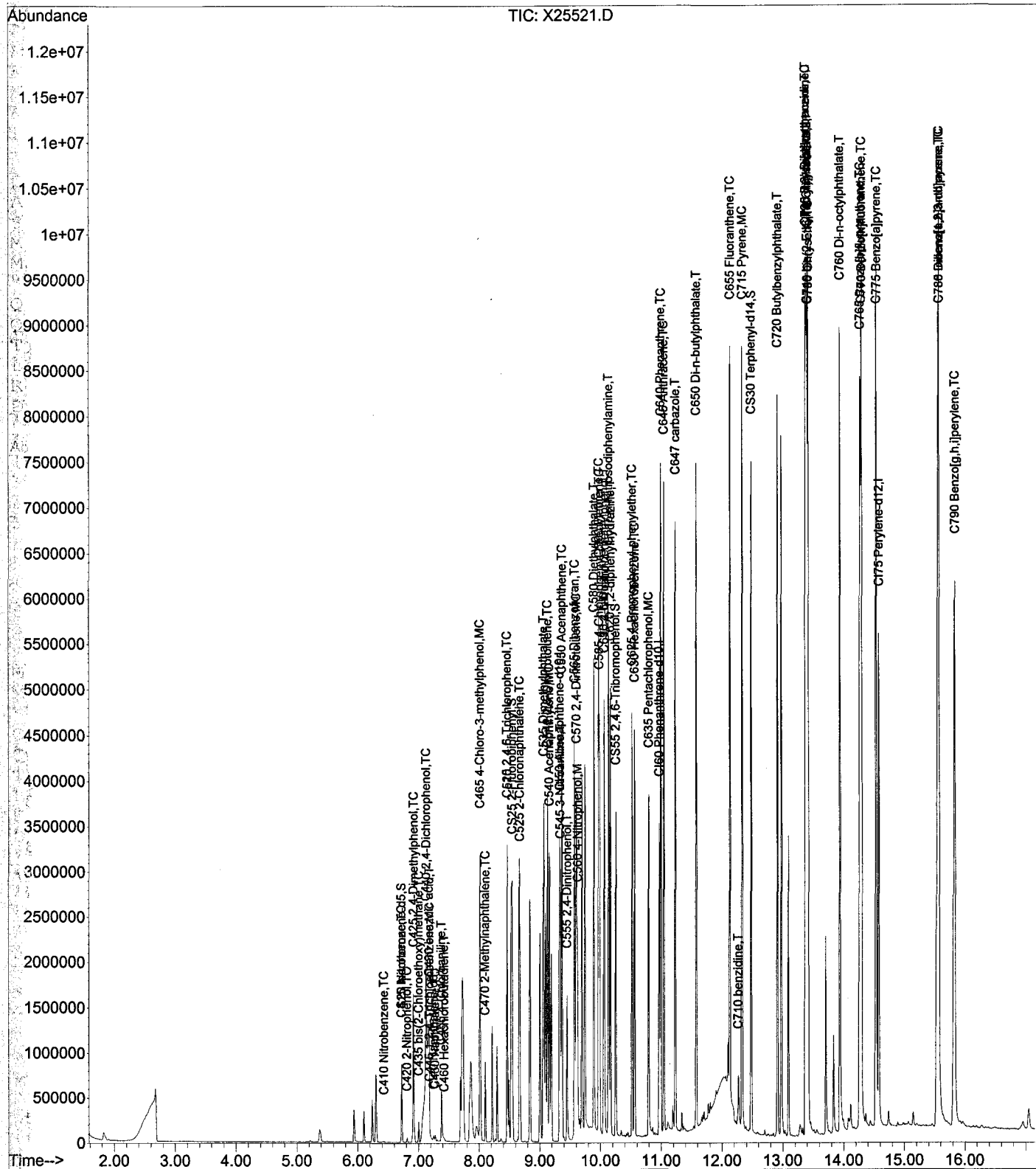
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
88-06-2-----	2,4,6-Trichlorophenol	3200	

Data File : D:\DATA\080408\X25521.D
Acq On : 5 Aug 2008 7:14
Sample : A8798805SD AS8007828
Misc :
MS Integration Params: rteint.p

Vial: 58
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Quant Time: Aug 05 17:28:11 2008 Results File: A8I0548.RES
Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Initial Calibration
DataAcq Meth : 8270BP



+ Ads

Data File : D:\DATA\080408\X25521.D
 Acq On : 5 Aug 2008 7:14
 Sample : A8798805SD AS8007828
 Misc :

Vial: 58
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 17:28:11 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

Handwritten initials: JWG/BSW

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	0.00	152	0	0.00	ng	-5.73	0.00%
20) CI40 Naphthalene-d8	7.26	136	18276	40.00	ng	0.00	1.24%
35) CI50 Acenaphthene-d10	9.33	164	541158	40.00	ng	0.00	70.30%
56) CI60 Phenanthrene-d10	10.97	188	1311706	40.00	ng	0.00	92.49%
68) CI70 Chrysene-d12	13.39	240	1293850	40.00	ng	0.00	91.82%
78) CI75 Perylene-d12	14.58	264	1844915	40.00	ng	0.01	102.79%

System Monitoring Compounds

3) CS50 2-Fluorophenol	0.00	112	0	0.00	ng		
Spiked Amount	150.000	Range	21 - 110	Recovery	=	0.00%#	
5) CS45 Phenol-d5	5.37	99	44504	0.00	ng	0.00	
Spiked Amount	150.000	Range	10 - 110	Recovery	=	0.00%#	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng		
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng		
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	6.72	82	367954	1752.82	ng	0.32	
Spiked Amount	100.000	Range	34 - 114	Recovery	=	1752.82%#	
39) CS25 2-Fluorobiphenyl	8.55	172	571290	30.14	ng	0.00	
Spiked Amount	100.000	Range	43 - 116	Recovery	=	30.14%#	
59) CS55 2,4,6-Tribromophenol	10.25	330	420976	132.45	ng	0.00	
Spiked Amount	150.000	Range	10 - 123	Recovery	=	88.30%	
71) CS30 Terphenyl-d14	12.48	244	2211669	72.57	ng	0.00	
Spiked Amount	100.000	Range	33 - 141	Recovery	=	72.57%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) C705 n-nitrosodidimethyl	0.00	74	0	N.D.		
4) C325 bis(2-Chloroethyl)e	5.36	93	25261	N.D.		
7) C315 Phenol	5.39	94	36726	N.D.		
8) C330 2-Chlorophenol	5.50	128	1804	N.D.		
9) C320 aniline	5.36	93	13395	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	5.93	146	545	N.D.		
14) C345 Benzyl alcohol	5.94	108	64749	N.D.		
15) C360 bis(2-chloroisoprop	6.08	45	1351	N.D.		
16) C355 2-Methylphenol	6.10	108	67993	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	6.24	70	90563	N.D.		
19) C365 4-Methylphenol	6.30	108	208042	N.D.		
22) C410 Nitrobenzene	6.43	77	4616	21.52	ng	87
23) C415 Isophorone	6.72	82	367954	901.54	ng	92
24) C430 benzoic acid	7.18	122	1169407	9615.69	ng	# 66
25) C420 2-Nitrophenol	6.81	139	8785	88.28	ng	85
26) C425 2,4-Dimethylphenol	6.92	107	334593	1795.89	ng	96
27) C435 bis(2-Chloroethoxy)me	7.00	93	71634	318.60	ng	94
28) C440 2,4-Dichlorophenol	7.13	162	282948	1957.47	ng	97

Handwritten signature: [Signature]

Data File : D:\DATA\080408\X25521.D

Vial: 58

Acq On : 5 Aug 2008 7:14

Operator: AJ

Sample : A8798805SD AS8007828

Inst : HP5973X

Misc :

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Aug 05 17:28:11 2008

Results File: A8I0548.RES

Quant Method : C:\MSDCHEM\1...\A8I0548.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Tue Aug 05 09:59:01 2008

Response via : Initial Calibration

DataAcq Meth : 8270BP

IS QA File : D:\DATA\080408\X25497.D (4 Aug 2008 22:05)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
29) C445 1,2,4-Trichlorobenzen	7.19	180	2813	19.78	ng		86
30) C450 Naphthalene	7.28	128	24675	48.70	ng		99
31) C455 4-Chloroaniline	7.38	127	218037	1005.35	ng		100
32) C460 Hexachlorobutadiene	7.43	225	513	6.83	ng	#	17
33) C465 4-Chloro-3-methylphen	8.01	107	807364	4805.94	ng		99
34) C470 2-Methylnaphthalene	8.11	142	255749	782.77	ng		97
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophenol	8.46	196	423937	76.41	ng		97
38) C520 2,4,5-Trichlorophenol	8.46	196	423937	76.41	ng		99
40) C525 2-Chloronaphthalene	8.67	162	637981	38.66	ng		97
41) C530 2-Nitroaniline	10.07	65	657788	102.99	ng		86
42) C540 Acenaphthylene	9.16	152	1506346	56.05	ng		98
43) C535 Dimethylphthalate	9.07	163	2139514	107.53	ng		100
44) C542 2,6-Dinitrotoluene	9.13	165	531316	111.84	ng		88
45) C550 Acenaphthene	9.37	153	1135757	70.66	ng		99
46) C545 3-Nitroaniline	9.35	138	536303	103.39	ng		90
47) C555 2,4-Dinitrophenol	9.45	184	259722	78.46	ng	#	51
48) C565 Dibenzofuran	9.57	168	1883915	80.51	ng		97
49) C570 2,4-Dinitrotoluene	9.61	165	792927	122.13	ng		90
50) C560 4-Nitrophenol	9.62	109	339387	127.12	ng	#	63
51) C590 Fluorene	9.98	166	1721026	91.35	ng		98
52) C585 4-Chlorophenyl-phenyl	9.99	204	801711	90.95	ng		92
53) C580 Diethylphthalate	9.90	149	2067850	111.47	ng		98
54) C620 1,2-diphenylhydrazine	10.17	77	1823724	88.51	ng		78
55) C595 4-Nitroaniline	10.07	138	626043	115.74	ng		94
57) C610 4,6-Dinitro-2-methylp	10.07	198	382562	82.36	ng		100
58) C615 n-Nitrosodiphenylamin	10.14	169	1808725	99.76	ng		99
60) C625 4-Bromophenyl-phenyle	10.52	248	536663	83.19	ng		88
61) C630 Hexachlorobenzene	10.56	284	592392	89.53	ng		87
62) C635 Pentachlorophenol	10.80	266	455599	105.52	ng		98
63) C640 Phenanthrene	11.00	178	2836618	82.44	ng		100
64) C645 Anthracene	11.05	178	2936750	83.49	ng		100
65) C647 carbazole	11.24	167	3251860	90.89	ng		97
66) C650 Di-n-butylphthalate	11.58	149	3672496	91.82	ng		99
67) C655 Fluoranthene	12.13	202	3453760	89.22	ng		85
69) C715 Pyrene	12.33	202	3725607	86.79	ng		84
70) C710 benzidine	12.27	184	213128	13.03	ng		97
72) C720 Butylbenzylphthalate	12.92	149	1849038	96.34	ng		88
73) C725 3,3'-Dichlorobenzidin	13.37	252	1383344	95.33	ng		97
74) C730 Benzo[a]anthracene	13.38	228	3890062	100.15	ng		100
75) C735 Chrysene	13.42	228	3706575	95.62	ng		100
76) C740 bis(2-Ethylhexyl)phth	13.40	149	2248642	85.68	ng		99
77) C760 Di-n-octylphthalate	13.94	149	5032009	98.71	ng		100
79) C765 Benzo[b]fluoranthene	14.28	252	5964585m	102.99	ng		97
80) C770 Benzo[k]fluoranthene	14.29	252	4351443m	75.12	ng		97
81) C775 Benzo[a]pyrene	14.54	252	5288168	100.41	ng		99
82) C780 Indeno[1,2,3-cd]pyren	15.57	276	5681156	87.31	ng		94
83) C785 Dibenz[a,h]anthracene	15.57	278	4599283	84.97	ng		93
84) C790 Benzo[g,h,i]perylene	15.83	276	4667866	80.68	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\080408\X25521.D
 Acq On : 5 Aug 2008 7:14
 Sample : A8798805SD AS8007828
 Misc :

Vial: 58
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Aug 05 17:51:40 2008

Results File: A8I0536.RES

Quant Method : C:\MSDCHEM\1...\A8I0536.M (RTE Integrator)
 Title : OLM4.0 ADDS
 Last Update : Tue Aug 05 17:50:22 2008
 Response via : Initial Calibration
 DataAcq Meth : 8270BP
 IS QA File : D:\DATA\071608\X24970.D (16 Jul 2008 13:42)

(Handwritten initials)
 Jlv8/5/8

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	0.00	152	0	0.00	ng	-5.73	0.00%
4) CI40 Naphthalene-d8	7.26	136	18276	40.00	ng	0.00	2.05%
7) CI50 Acenaphthene-d8	9.33	164	541158	40.00	ng	0.00	127.29%
10) CI60 Phenanthrene-d10	10.97	188	1311706	40.00	ng	0.00	211.53%
12) CI70 Chrysene-d12	13.39	240	1293850	40.00	ng	0.01	203.50%
13) CI75 Perylene-d12	14.58	264	1844915	40.00	ng	0.01	240.25%
Target Compounds							Qvalue
2) E600 Benzaldehyde	5.21	77	4714	N.D.			
3) E145 Acetophenone	6.23	105	23693	N.D.			
6) E655 Caprolactam	7.86	113	332052	6235.74	ng		86
6) E195 1,2,4,5-Tetrachlorobe	8.30	216	176221	1162.63	ng		98
8) C811 1,1'-Biphenyl	8.66	154	862314	35.89	ng		98
9) E230 2,3,4,6-Tetrachloroph	9.75	232	518945	124.10	ng	#	100
11) E510 Atrazine	10.80	200	82357	10.97	ng	#	26

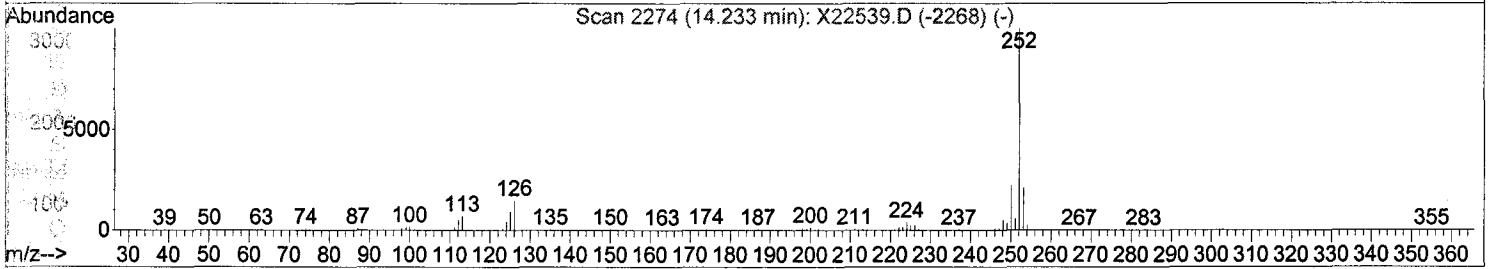
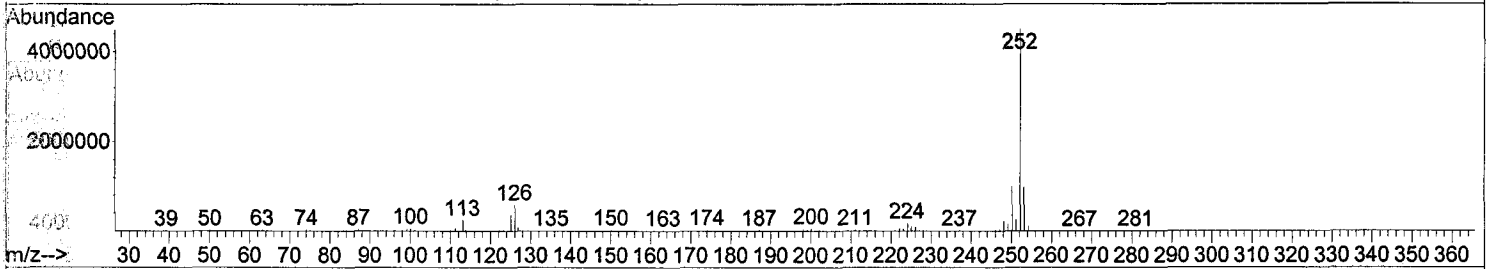
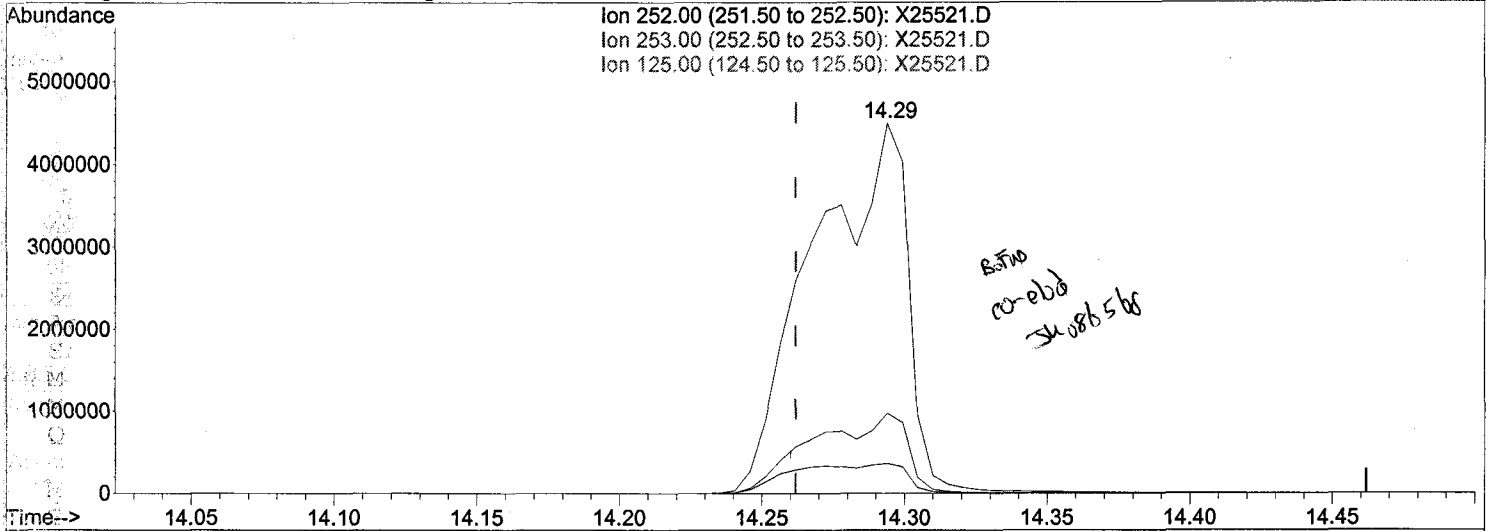
(#) = qualifier out of range (m) = manual integration (+) = signals summed

(Handwritten signature)

Data File : D:\DATA\080408\X25521.D
 Acq On : 5 Aug 2008 7:14
 Sample : A8798805SD AS8007828
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Aug 05 10:05:19 2008

Vial: 58
 Operator: AJ
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Aug 05 09:59:01 2008
 Response via : Multiple Level Calibration



TIC: X25521.D

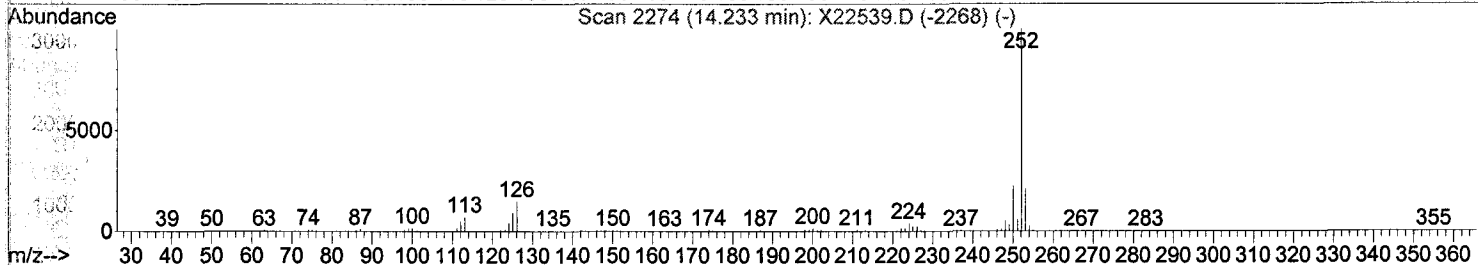
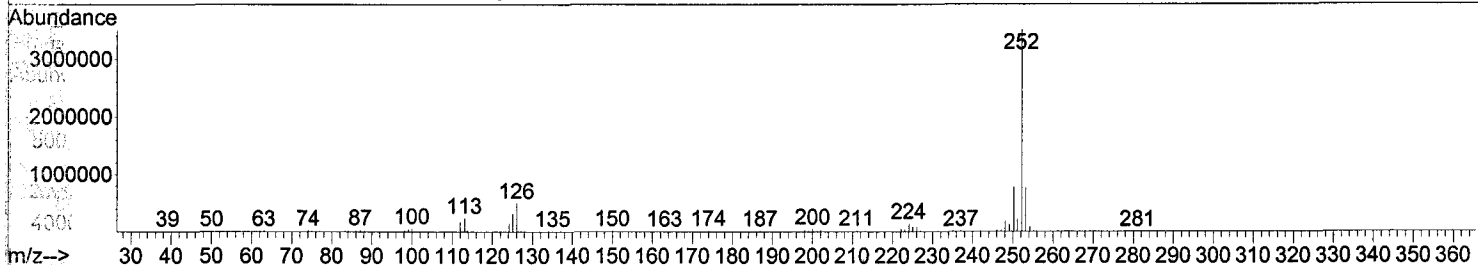
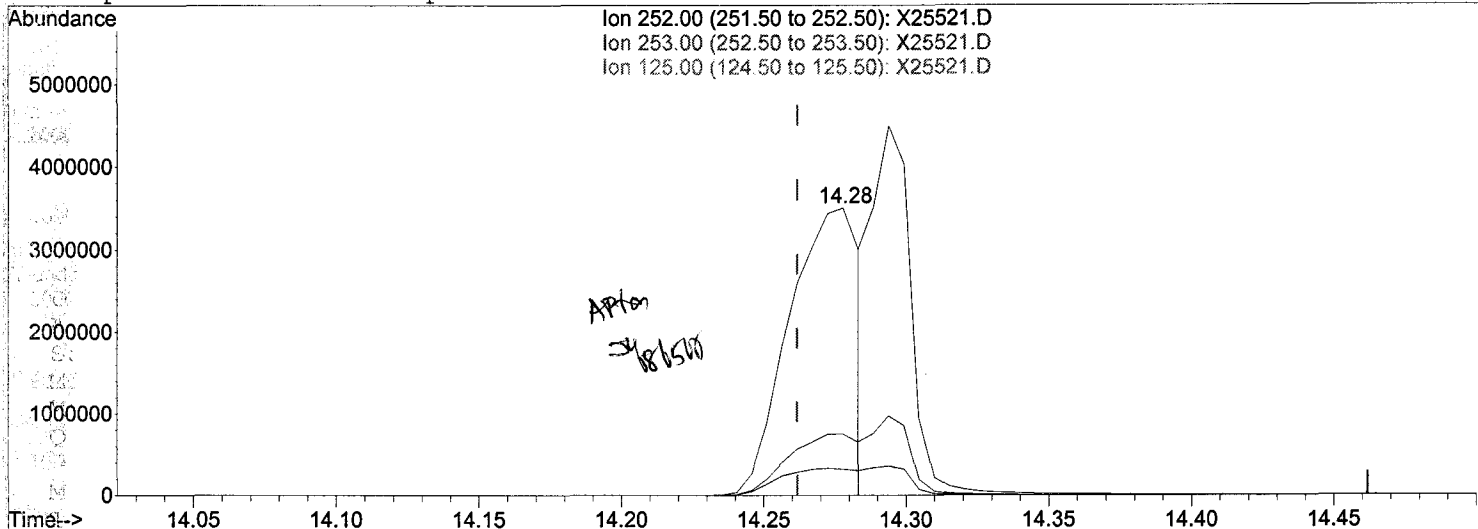
Time	Abun.	(79) C765 Benzo[b]fluoranthene (TC)
14.29min (+0.032)	178.98ng	
	response 10365668	
Ion	Exp%	Act%
252.00	100	100
253.00	21.10	21.66
125.00	11.00	8.06
0.00	0.00	0.00

Handwritten signature: *AJ*
 8/6/08

Data File : D:\DATA\080408\X25521.D
Acq On : 5 Aug 2008 7:14
Sample : A8798805SD AS8007828
Misc :
MS Integration Params: rteint.p
Quant Time: Aug 05 10:05:19 2008

Vial: 58
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25521.D

(79) C765 Benzo[b]fluoranthene (TC)
14.28min (+0.016) 102.99ng m
response 5964585
Ion Exp% Act%
252.00 100 100
253.00 21.10 21.58
125.00 11.00 9.14
0.00 0.00 0.00

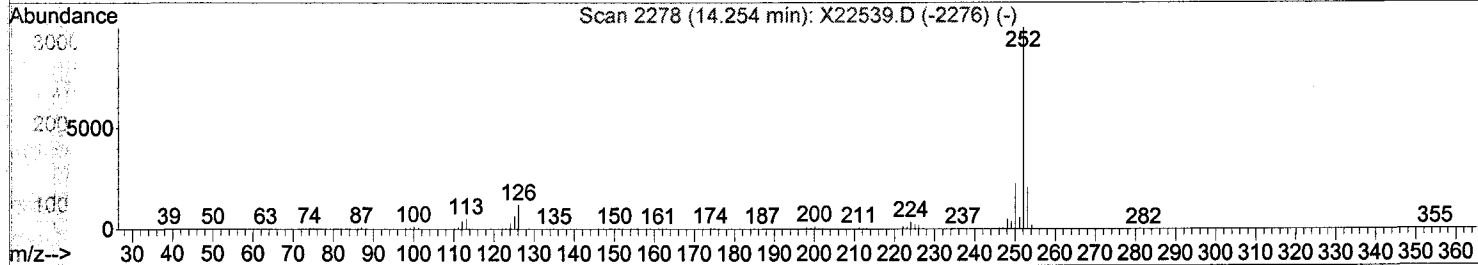
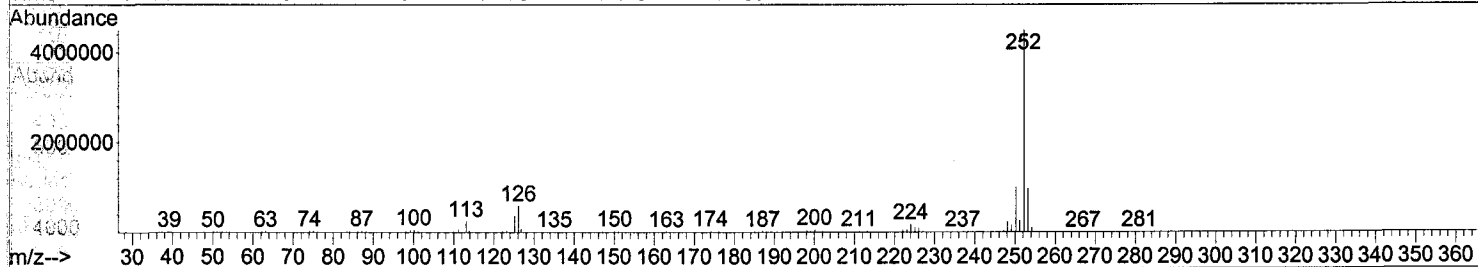
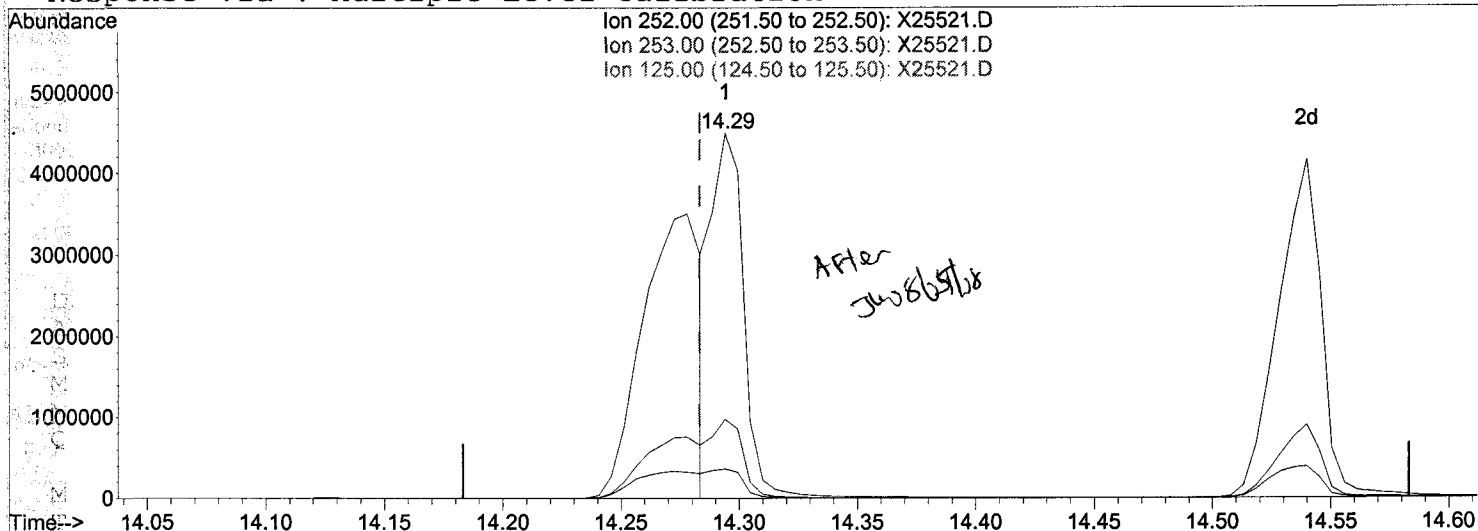
Handwritten signature: *AJ 8/6/08*

Data File : D:\DATA\080408\X25521.D
Acq On : 5 Aug 2008 7:14
Sample : A8798805SD AS8007828
Misc :

Vial: 58
Operator: AJ
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Aug 05 10:05:19 2008

Method : C:\MSDCHEM\1\METHODS\8270\A8I0548.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Aug 05 09:59:01 2008
Response via : Multiple Level Calibration



TIC: X25521.D

(80) C770 Benzo[k]fluoranthene (TC)
14.29min (+0.011) 75.12ng m
response 4351443
Ion Exp% Act%
252.00 100 100
253.00 21.50 21.68
125.00 11.50 8.08
0.00 0.00 0.00

Handwritten signature: AJWS 8/6/08

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7595	A8759501	AS80007560	07/01/2008	JS	TCL SVOS	1.26	5.33	4.40	4.07	3.14	77.15	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7691	A8769101	AS80007657	07/01/2008	JMB	TCL SVOS	1.28	7.49	6.37	6.21	5.09	81.96	Y
A08-7691	A8769102	AS80007658	07/01/2008	JMB	TCL SVOS	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769103	AS80007659	07/01/2008	JMB	TCL SVOS	1.27	5.84	5.44	4.57	4.17	91.25	N
A08-7691	A8769104	AS80007660	07/01/2008	JMB	TCL SVOS	1.24	7.84	6.80	6.60	5.56	84.24	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7988	A8798801	AS80007822	07/07/2008	JMB	TCL SVOS	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798802	AS80007823	07/07/2008	JMB	TCL SVOS	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802RI	AS80007823	07/07/2008	JMB	TCL SVOS	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798803	AS80007824	07/07/2008	JMB	TCL SVOS	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798804	AS80007825	07/07/2008	JMB	TCL SVOS	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804RI	AS80007825	07/07/2008	JMB	TCL SVOS	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798805	AS80007826	07/07/2008	JMB	TCL SVOS	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805AF	AS80007826	07/07/2008	JMB	TCL SVOS	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805AH	AS80007826	07/07/2008	JMB	TCL SVOS	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805MS	AS80007827	07/07/2008	JMB	TCL SVOS	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805RI	AS80007826	07/07/2008	JMB	TCL SVOS	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805SD	AS80007828	07/07/2008	JMB	TCL SVOS	1.31	5.16	4.31	3.85	3.00	77.92	N

estAmerica Lab
 Date: 07/14/2008
 Time: 12:11:42

Organic Prep Log Book
 (3550B) 8270 SOIL
 A8B18007 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext./Initials: 06/30/2008 EKD

Preconc Date/Initials:

Cleanup Date/Initials:

Final Conc Date/Initials: 06/30/2008 JMB

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7736	A8676605	A	FS	AS80007545	STARS EN		8270	A00001		30.9700		1.00	1.26	6.73	5.98	N
A08-7736	A8676606	A	FS	AS80007546	STARS EN		8270	A00001		30.8400		1.00	1.26	6.99	5.94	N
A08-7736	A8676607	A	FS	AS80007547	STARS EN		8270	A00001		30.2700		1.00	1.23	7.88	6.42	N
A08-7736	A8676609	A	FS	AS80007548	STARS EN		8270	A00001		30.2700		1.00	1.24	7.46	6.22	N
A08-7736	A8676613	A	FS	AS80007549	STARS EN		8270	A00001		30.2100		1.00	1.24	8.36	5.59	N
A8B18007	A8B1800701		MSB	AS80007550	STARS EN		8270	A00001	A00055	30.4700		1.00	0.00	0.00	0.00	N
A8B18007	A8B1800702		SBLK	AS80007551	STARS EN		8270	A00001		30.1200		1.00	0.00	0.00	0.00	N
A8B18007	A8B1800701		MSB	AS80007550	ASP00		8270	A00001	A00193	30.4700		1.00	0.00	0.00	0.00	N
A8B18007	A8B1800702		SBLK	AS80007551	ASP00		8270	A00001		30.1200		1.00	0.00	0.00	0.00	N
A08-7687	A8768701	A	FS	AS80007552	ASP00		8270	A00001		30.1300		1.00	1.23	6.64	4.07	N
A08-7687	A8768702	A	FS	AS80007553	ASP00		8270	A00001		30.3600		1.00	1.26	7.30	4.05	N
A08-7687	A8768702MS	A	MS	AS80007554	ASP00		8270	A00001	A00193	30.5900		1.00	1.26	7.30	4.05	N
A08-7687	A8768702SD	A	SD	AS80007555	ASP00		8270	A00001	A00193	30.2200		1.00	1.26	7.30	4.05	N
A08-7687	A8768703	A	FS	AS80007556	ASP00		8270	A00001		30.7300		1.00	1.24	8.42	6.06	N
A08-7687	A8768704	A	FS	AS80007557	ASP00		8270	A00001		30.4400		1.00	1.32	8.72	4.59	N
A08-7687	A8768705	A	FS	AS80007558	ASP00		8270	A00001		30.7800		1.00	1.22	5.23	4.69	N

1493/4151

D* = Decanted (Y/N)

estAmerica Lab
 Date: 07/14/2008
 Time: 12:11:42

Organic Prep Log Book
 (3550B) 8270 SOIL
 A8B18007 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext./Initials: 06/30/2008 EKD

Preconc Date/Initials:

Cleanup Date/Initials:

Final Conc Date/Initials: 06/30/2008 JMB

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7687	A8768706	A	FS	AS80007559	ASP00		8270	A00001		30.6000		1.00	1.27	5.70	3.33	N
A8B18007	A8B1800701		MSB	AS80007550	TCL SVOS		8270	A00001	A00055	30.4700		1.00	0.00	0.00	0.00	N
A8B18007	A8B1800702		SBLK	AS80007551	TCL SVOS		8270	A00001		30.1200		1.00	0.00	0.00	0.00	N
A08-7595	A8759501	A	FS	AS80007560	TCL SVOS		8270	A00001		30.2500		10.00	1.26	5.33	4.40	N
A8B18007	A8B1800701		MSB	AS80007550	TCL SVOS		8270	A00001	A00055	30.4700		1.00	0.00	0.00	0.00	N
A8B18007	A8B1800702		SBLK	AS80007551	TCL SVOS		8270	A00001		30.1200		1.00	0.00	0.00	0.00	N
A08-7694	A8769407	A	FS	AS80007561	TCL SVOS		8270	A00001		30.4400		1.00	1.27	7.44	6.11	N
A08-7694	A8769408	A	FS	AS80007562	TCL SVOS		8270	A00001		30.5900		1.00	1.20	6.57	5.69	N
A8B18007	A8B1800701		MSB	AS80007550	STARS EN		8270	A00001	A00055	30.4700		1.00	0.00	0.00	0.00	N
A8B18007	A8B1800702		SBLK	AS80007551	STARS EN		8270	A00001		30.1200		1.00	0.00	0.00	0.00	N
A08-7694	A8769401	A	FS	AS80007563	STARS EN		8270	A00001		30.8600		1.00	1.24	6.92	6.34	N
A08-7694	A8769402	A	FS	AS80007564	STARS EN		8270	A00001		30.2100		1.00	1.25	8.35	7.68	N
A08-7694	A8769403	A	FS	AS80007565	STARS EN		8270	A00001		30.7200		1.00	1.25	8.52	7.58	N
A08-7694	A8769404	A	FS	AS80007566	STARS EN		8270	A00001		30.5700		1.00	1.23	6.87	6.21	N
A08-7694	A8769405	A	FS	AS80007567	STARS EN		8270	A00001		30.7300		1.00	1.30	5.76	5.30	N
A08-7694	A8769406	A	FS	AS80007568	STARS EN		8270	A00001		30.5700		1.00	1.27	6.62	6.10	N

Comments: SAMPLE 7595-01 WAS VIALED AT 10.0 MLS. JMB 6-30-08

1494/4151

D* = Decanted (Y/N)

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-7736	A8676605	FS	AS80007545	CTA12122	30.97	1.26	6.73	5.98
A08-7736	A8676606	FS	AS80007546	CTA12122	30.84	1.26	6.99	5.94
A08-7736	A8676607	FS	AS80007547	CTA12122	30.27	1.23	7.88	6.42
A08-7736	A8676609	FS	AS80007548	CTA12122	30.27	1.24	7.46	6.22
A08-7736	A8676613	FS	AS80007549	CTA12122	30.21	1.24	8.36	5.59
A8B18007	A8B1800701	MSB	AS80007550	CTA12122	30.47			
A8B18007	A8B1800701	MSB	AS80007550	CTA30501	30.47			
A8B18007	A8B1800701	MSB	AS80007550	CTA33438	30.47			
A8B18007	A8B1800701	MSB	AS80007550	ST000639	30.47			
A8B18007	A8B1800701	MSB	AS80007550	STA00126	30.47			
A8B18007	A8B1800702	SBLK	AS80007551	CTA12122	30.12			
A8B18007	A8B1800702	SBLK	AS80007551	CTA30501	30.12			
A8B18007	A8B1800702	SBLK	AS80007551	CTA33438	30.12			
A8B18007	A8B1800702	SBLK	AS80007551	ST000639	30.12			
A8B18007	A8B1800702	SBLK	AS80007551	STA00126	30.12			
A08-7687	A8768701	FS	AS80007552	CTA30501	30.13	1.23	6.64	4.07
A08-7687	A8768702	FS	AS80007553	CTA30501	30.36	1.26	7.3	4.05
A08-7687	A8768702MS	MS	AS80007554	CTA30501	30.59			
A08-7687	A8768702SD	SD	AS80007555	CTA30501	30.22			
A08-7687	A8768703	FS	AS80007556	CTA30501	30.73	1.24	8.42	6.06
A08-7687	A8768704	FS	AS80007557	CTA30501	30.44	1.32	8.72	4.59
A08-7687	A8768705	FS	AS80007558	CTA30501	30.78	1.22	5.23	4.69
A08-7687	A8768706	FS	AS80007559	CTA30501	30.6	1.27	5.7	3.33
A08-7595	A8759501	FS	AS80007560	CTA33438	30.25	1.26	7.99	2.97
A08-7694	A8769407	FS	AS80007561	ST000639	30.44			
A08-7694	A8769408	FS	AS80007562	ST000639	30.59			
A08-7694	A8769401	FS	AS80007563	STA00126	30.86	1.24	6.92	6.34
A08-7694	A8769402	FS	AS80007564	STA00126	30.21	1.25	8.35	7.68
A08-7694	A8769403	FS	AS80007565	STA00126	30.72	1.25	8.52	7.58
A08-7694	A8769404	FS	AS80007566	STA00126	30.57	1.23	6.87	6.21
A08-7694	A8769405	FS	AS80007567	STA00126	30.73	1.3	5.76	5.3
A08-7694	A8769406	FS	AS80007568	STA00126	30.57	1.27	6.62	6.1

SURROGATE A01
 Expiration Date: 12-27-08
 Prepared by: CKD
 Spiked by: CKD
 Witnessed by: _____

MATRIX SPIKE AF50 10/19/08 1193 benz.
 Expiration Date: 9-10-08 12-25-08 BM
 Prepared by: CKD CKD
 Spiked by: _____
 Witnessed by: _____
 1000.00 ul

MeCl2: 622E23
 Acetone: _____
 Hexane: _____
 Na2SO4: 27863003
 Conc. H2SO4: _____

Cleanup Date/Initials: 6-30-08 CKD

Preconc Date/Initials: _____

Date Ext/Initials: 6-30-08 CKD

Final Conc Date/Initials: 6-30-08 JMB

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*	
A08-7736	A8676605	A	FS	AS80007545	STARS EN		8270	A00001			N/A	1.0				N	
A08-7736	A8676606		FS	AS80007546	STARS EN	✓	8270	A00001									
A08-7736	A8676607		FS	AS80007547	STARS EN	✓	8270	A00001									
A08-7736	A8676609		FS	AS80007548	STARS EN		8270	A00001									
A08-7736	A8676613		FS	AS80007549	STARS EN		8270	A00001									
A8B18007	A8B1800701		MSB	AS80007550	STARS EN		8270	A00001	A00055								
A8B18007	A8B1800702		SBLK	AS80007551	STARS EN		8270	A00001									
A8B18007	A8B1800701		MSB	AS80007550	ASP00		8270	A00001	A00193								
A8B18007	A8B1800702		SBLK	AS80007551	ASP00		8270	A00001									
A08-7687	A8768701	A	FS	AS80007552	ASP00 <u>Y4</u>		8270	A00001									
A08-7687	A8768702		FS	AS80007553	ASP00 <u>Y4</u>		8270	A00001									
A08-7687	A8768702MS		MS	AS80007554	ASP00 <u>Y4</u>		8270	A00001	A00193								
A08-7687	A8768702SD		SD	AS80007555	ASP00 <u>Y4</u>		8270	A00001	A00193								
A08-7687	A8768703		FS	AS80007556	ASP00 <u>Y5</u>		8270	A00001									
A08-7687	A8768704		FS	AS80007557	ASP00 <u>Y5</u>		8270	A00001									
A08-7687	A8768705		FS	AS80007558	ASP00 <u>Y5</u>		8270	A00001									

1496/4151

 SURROGATE
 Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

 MATRIX SPIKE
 Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

MeCl2: _____
 Acetone: _____
 Hexane: _____
 Na2SO4: _____
 Conc. H2SO4: _____

1000.00 ul

1000.00 ul

Preconc Date/Initials: _____

Date Ext./Initials: _____

Final Conc Date/Initials: _____

SOLID EXTRACTIONS

Cleanup Date/Initials: _____

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7687	A8768706	A	FS	AS80007559	ASP00 44		8270	A00001			N/A	1.0				N
A8B18007	A8B1800701		MSB	AS80007550	TCL SVOS		8270	A00001	A00055							
A8B18007	A8B1800702		SELK	AS80007551	TCL SVOS		8270	A00001								
A08-7595	A8759501	A	FS	AS80007560	TCL SVOS	45	8270	A00001				10.0				
A8B18007	A8B1800701		MSB	AS80007550	TCL SVOS		8270	A00001	A00055			1.0				
A8B18007	A8B1800702		SELK	AS80007551	TCL SVOS		8270	A00001								
A08-7694	A8769407	A	FS	AS80007561	TCL SVOS		8270	A00001								
A08-7694	A8769408		FS	AS80007562	TCL SVOS	45	8270	A00001								
A8B18007	A8B1800701		MSB	AS80007550	STARS BN		8270	A00001	A00055							
A8B18007	A8B1800702		SELK	AS80007551	STARS BN		8270	A00001								
A08-7694	A8769401	A	FS	AS80007563	STARS BN		8270	A00001								
A08-7694	A8769402		FS	AS80007564	STARS BN		8270	A00001								
A08-7694	A8769403		FS	AS80007565	STARS BN	45	8270	A00001								
A08-7694	A8769404		FS	AS80007566	STARS BN		8270	A00001								
A08-7694	A8769405		FS	AS80007567	STARS BN		8270	A00001								
A08-7694	A8769406		FS	AS80007568	STARS BN	45	8270	A00001								

1497/4151

D* = Decanted (Y/N)

estAmerica Lab
ate: 06/30/2008
ime: 11:54:12

Organic Prep Log Book
(3550E) 8270 SOIL
A8B18007

Rept: AN0501

Acceptance Limits: 30-40 °C Turbovap Temp: 30.6, 32.2, 30.8

Gas Flow Check: JMB

Entered Initials: JMB

Closed Initials: EKN

Comments: sample 7595-01 was vialled at 10.0 M.S. JMB 6-30-08.

1498/4151

D* = Decanted (Y/N)

testAmerica Lab
 Date: 07/13/2008
 Time: 10:51:37

Organic Prep Log Book
 (3550B) 8270 SOIL
 A8B18079 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 07/01/2008 JMB

Preconc Date/Initials:

Cleanup Date/Initials:

SOLID EXTRACTIONS

Final Conc Date/Initials: 07/01/2008 EKD

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7691	A8769101	A	FS	AS80007657	TCL SVOS		8270	A00001		30.3200		1.00	1.28	7.49	6.37	Y
A08-7691	A8769102	A	FS	AS80007658	TCL SVOS		8270	A00001		30.4900		1.00	1.29	7.43	5.33	N
A08-7691	A8769103	A	FS	AS80007659	TCL SVOS		8270	A00001		30.6800		1.00	1.27	5.84	5.44	N
A08-7691	A8769104	A	FS	AS80007660	TCL SVOS		8270	A00001		30.7400		1.00	1.24	7.84	6.80	N
A8B18079	A8B1807901		MSB	AS80007661	TCL SVOS		8270	A00001	A00055	30.1300		1.00	0.00	0.00	0.00	N
A8B18079	A8B1807902		MSEB	AS80007662	TCL SVOS		8270	A00001	A00055	30.1300		1.00	0.00	0.00	0.00	N
A8B18079	A8B1807903		MELK	AS80007663	TCL SVOS		8270	A00001		30.4700		1.00	0.00	0.00	0.00	N

Comments:

D* = Decanted (Y/N)

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-7691	A8769101	FS	AS80007657	CTA33438	30.32	1.28	7.49	6.37
A08-7691	A8769102	FS	AS80007658	CTA33438	30.49	1.29	7.43	5.33
A08-7691	A8769103	FS	AS80007659	CTA33438	30.68	1.27	5.84	5.44
A08-7691	A8769104	FS	AS80007660	CTA33438	30.74	1.24	7.84	6.8
A8B18079	A8B1807901	MSB	AS80007661	CTA33438	30.13			
A8B18079	A8B1807902	MSBD	AS80007662	CTA33438	30.13			
A8B18079	A8B1807903	MBLK	AS80007663	CTA33438	30.47			

AOI

SURROGATE

Expiration Date: 12-27-03

Prepared by: UE-0337

Spiked by: JMB

Witnessed by: _____

MATRIX SPIKE A55

Expiration Date: 7-10-08

Prepared by: CM

Spiked by: JMB

Witnessed by: _____

MeCl2: 622E23

Acetone: _____

Hexane: _____

Na2SO4: 27968003

Conc.H2SO4: _____

1000.00 ul

Date Ext/Initials: 7-1-08 JMB

Preconc Date/Initials: _____

Cleanup Date/Initials: _____

Final Conc Date/Initials: 7-1-08 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7691	A8769101	<u>A</u>	FS	AS80007657	TCL SVOS	<u>A</u>	8270	A00001			<u>N/A</u>	<u>1.0</u>				<u>Y</u>
A08-7691	A8769102	<u>↓</u>	FS	AS80007658	TCL SVOS	<u>A</u>	8270	A00001								<u>N</u>
A08-7691	A8769103	<u>↓</u>	FS	AS80007659	TCL SVOS	<u>A</u>	8270	A00001								<u>↓</u>
A08-7691	A8769104	<u>↓</u>	FS	AS80007660	TCL SVOS	<u>A</u>	8270	A00001								<u>↓</u>
A8B18079	A8B1807901	<u>↓</u>	MSB	AS80007661	TCL SVOS		8270	A00001	A00055							<u>↓</u>
A8B18079	A8B1807902	<u>↓</u>	MSBD	AS80007662	TCL SVOS		8270	A00001	A00055							<u>↓</u>
A8B18079	A8B1807903	<u>↓</u>	MLK	AS80007663	TCL SVOS		8270	A00001								<u>↓</u>

Acceptance Limits: 30-40 °C Turbovap Temp: 30.0, 30.6

Entered Initials: EKD

Gas Flow Check: JMB

Closed Initials: JMB

Comments: _____

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext./Initials: 07/07/2008 EKD

Preconc Date/Initials:

Cleanup Date/Initials:

Final Conc Date/Initials: 07/07/2008 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7940	A8794001	A	FS	AS80007812	ASP00		8270	A00001		30.4700		1.00	1.30	5.88	4.09	N
A08-7940	A8794001MS	A	MS	AS80007813	ASP00		8270	A00001	A00193	30.2800		1.00	1.30	5.88	4.09	N
A08-7940	A8794001SD	A	SD	AS80007814	ASP00		8270	A00001	A00193	30.8200		1.00	1.30	5.88	4.09	N
A08-7940	A8794002	A	FS	AS80007815	ASP00		8270	A00001		30.6300		1.00	1.29	5.14	3.60	N
A08-7940	A8794003	A	FS	AS80007816	ASP00		8270	A00001		30.6400		1.00	1.29	5.80	3.64	N
A08-7940	A8794004	A	FS	AS80007817	ASP00		8270	A00001		30.4800		1.00	1.31	5.60	3.53	N
A8B18339	A8B1833901		MSB	AS80007818	ASP00		8270	A00001	A00193	30.5000		1.00	0.00	0.00	0.00	N
A8B18339	A8B1833902		SBLK	AS80007819	ASP00		8270	A00001		30.3500		1.00	0.00	0.00	0.00	N
A8B18339	A8B1833901		MSB	AS80007818	STARS EN		8270	A00001	A00055	30.5000		1.00	0.00	0.00	0.00	N
A8B18339	A8B1833902		SBLK	AS80007819	STARS EN		8270	A00001		30.3500		1.00	0.00	0.00	0.00	N
A08-7971	A8797101	A	FS	AS80007820	STARS EN		8270	A00001		30.5500		1.00	1.31	7.09	6.35	N
A08-7971	A8797102	A	FS	AS80007821	STARS EN		8270	A00001		30.7500		1.00	1.27	5.89	5.36	N
A8B18339	A8B1833901		MSB	AS80007818	TCL SVOS		8270	A00001	A00055	30.5000		1.00	0.00	0.00	0.00	N
A8B18339	A8B1833902		SBLK	AS80007819	TCL SVOS		8270	A00001		30.3500		1.00	0.00	0.00	0.00	N
A08-7988	A8798801	A	FS	AS80007822	TCL SVOS		8270	A00001		30.2600		1.00	1.31	6.24	5.51	N
A08-7988	A8798802	A	FS	AS80007823	TCL SVOS		8270	A00001		30.0400		1.00	1.31	6.11	5.18	N

D* = Decanted (Y/N)

TestAmerica Lab
 Date: 08/06/2008
 Time: 11:36:22

Organic Prep Log Book
 (3550B) 8270 SOLIDS
 A8B18339 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext./Initials: 07/07/2008 EKD

Preconc Date/Initials:

Cleanup Date/Initials:

Final Conc Date/Initials: 07/07/2008 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (mL)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7988	A8798803	A	FS	AS80007824	TCL SVOS		8270	A00001		30.8000		1.00	1.32	6.88	6.05	N
A08-7988	A8798804	A	FS	AS80007825	TCL SVOS		8270	A00001		30.1100		1.00	1.31	7.82	6.78	N
A08-7988	A8798805	A	FS	AS80007826	TCL SVOS		8270	A00001		30.8200		1.00	1.31	5.16	4.31	N
A08-7988	A8798805MS	A	MS	AS80007827	TCL SVOS		8270	A00001	A00055	30.1700		1.00	1.31	5.16	4.31	N
A08-7988	A8798805SD	A	SD	AS80007828	TCL SVOS		8270	A00001	A00055	30.6000		1.00	1.31	5.16	4.31	N

Comments:

D* = Decanted (Y/N)

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-7940	A8794001	FS	AS80007812	CTA30501	30.47			
A08-7940	A8794001MS	MS	AS80007813	CTA30501	30.28			
A08-7940	A8794001SD	SD	AS80007814	CTA30501	30.82			
A08-7940	A8794002	FS	AS80007815	CTA30501	30.63			
A08-7940	A8794003	FS	AS80007816	CTA30501	30.64			
A08-7940	A8794004	FS	AS80007817	CTA30501	30.48			
A8B18339	A8B1833901	MSB	AS80007818	CTA30501	30.5			
A8B18339	A8B1833901	MSB	AS80007818	CTA32030	30.5			
A8B18339	A8B1833901	MSB	AS80007818	CTA33438	30.5			
A8B18339	A8B1833902	SBLK	AS80007819	CTA30501	30.35			
A8B18339	A8B1833902	SBLK	AS80007819	CTA32030	30.35			
A8B18339	A8B1833902	SBLK	AS80007819	CTA33438	30.35			
A08-7971	A8797101	FS	AS80007820	CTA32030	30.55	1.31	7.09	6.35
A08-7971	A8797102	FS	AS80007821	CTA32030	30.75	1.27	5.89	5.36
A08-7988	A8798801	FS	AS80007822	CTA33438	30.26			
A08-7988	A8798802	FS	AS80007823	CTA33438	30.04			
A08-7988	A8798803	FS	AS80007824	CTA33438	30.8			
A08-7988	A8798804	FS	AS80007825	CTA33438	30.11			
A08-7988	A8798805	FS	AS80007826	CTA33438	30.82			
A08-7988	A8798805MS	MS	AS80007827	CTA33438	30.17			
A08-7988	A8798805SD	SD	AS80007828	CTA33438	30.6			

SURROGATE A01
 Expiration Date: 12-31-08
 Prepared by: CLD
 Spiked by: CLD
 Witnessed by: _____

MATRIX SPIKE ABS Benzaldehyde
 Expiration Date: 12-31-08
 Prepared by: SM
 Spiked by: CLD 1000.00 ul
 Witnessed by: _____

MeCl2: 622223
 Acetone: _____
 Hexane: _____
 Na2SO4: 27822003
 Conc.H2SO4: _____

Date Ext./Initials: 07/07/2008 CLD/SM

Preconc Date/Initials: _____

Cleanup Date/Initials: _____

SOLID EXTRACTIONS

Final Conc Date/Initials: 07/07/2008 ELD

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (mL)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7940	A8794001	<u>CLD</u>	FS	AS80007812	ASP00	<u>12</u>	8270	A00001			N/A	1.0				<u>1505/4151</u>
A08-7940	A8794001MS	|	MS	AS80007813	ASP00		8270	A00001	A00193							
A08-7940	A8794001SD	|	SD	AS80007814	ASP00		8270	A00001	A00193							
A08-7940	A8794002	|	FS	AS80007815	ASP00	<u>14</u>	8270	A00001								
A08-7940	A8794003	|	FS	AS80007816	ASP00		8270	A00001								
A08-7940	A8794004	|	FS	AS80007817	ASP00		8270	A00001								
A8B18339	A8B1833901	|	MSB	AS80007818	ASP00		8270	A00001	A00193							
A8B18339	A8B1833902	|	SBLK	AS80007819	ASP00		8270	A00001								
A8B18339	A8B1833901	|	MSB	AS80007818	STARS EN		8270	A00001	A00055							
A8B18339	A8B1833902	|	SBLK	AS80007819	STARS EN		8270	A00001								
A08-7971	A8797101	<u>A</u>	FS	AS80007820	STARS EN	<u>12</u>	8270	A00001								
A08-7971	A8797102	|	FS	AS80007821	STARS EN	<u>14</u>	8270	A00001								
A8B18339	A8B1833901	|	MSB	AS80007818	TCL SVOS		8270	A00001	A00055							
A8B18339	A8B1833902	|	SBLK	AS80007819	TCL SVOS		8270	A00001								
A08-7988	A8798801	<u>A</u>	FS	AS80007822	TCL SVOS	<u>15</u>	8270	A00001								
A08-7988	A8798802	|	FS	AS80007823	TCL SVOS	<u>14</u>	8270	A00001								

TestAmerica Lab
 Date: 07/07/2008
 Time: 14:01:50

Organic Prep Log Book
 (3550B) 8270 SOILS
 A8B18339

Rept: AN050

SURROGATE
 Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

MATRIX SPIKE
 Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

MeCl2: _____
 Acetone: _____
 Hexane: _____
 Na2SO4: _____
 Conc.H2SO4: _____

1000.00 ul

0.00 ul

Date Ext/Initials: 07/07/2008 _____

Preconc Date/Initials: _____

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7988	A8798803	A	FS	AS80007824	TCL SVOS	✓ S	8270	A00001			N/A	1.0				N
A08-7988	A8798804		FS	AS80007825	TCL SVOS		8270	A00001								
A08-7988	A8798805		FS	AS80007826	TCL SVOS		8270	A00001								
A08-7988	A8798805MS		MS	AS80007827	TCL SVOS		8270	A00001	A00055							
A08-7988	A8798805SD		SD	AS80007828	TCL SVOS		8270	A00001	A00055							

SOLID EXTRACTIONS

Cleanup Date/Initials: _____
 Final Conc Date/Initials: 07/07/2008

Acceptance Limits: 30-40 °C Turbovap Temp: 30.6, 32.2, 30.8, 30.0

Entered Initials: JMB

Gas Flow Check: SKD

Closed Initials: SKD

Comments: _____

1506/4151

D* = Decanted (Y/N)

GCMS SEMIVOLATILE INJECTION LOG

000084

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	POB JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
06-23-08	0903	AJ	W24536	DETPPO50	SC33-12D		1.0UL				
	0920		W24537	SSTD005	8210 (4-9-08)						
	0943		W24538	020							
	1006		W24539	056							
	1029		W24540	080							
	1052		W24541	120							
	1115		W24542	160							
	1138		W24543	CHECK050	2ND SC (06-07-08)						
	1224		W24544	SSTD005	TULADS (05-27-08)						
	1247		W24545	020							
	1310		W24546	050							
	1333		W24547	080							
	1356		W24548	120							
	1419		W24549	160							
	1501		W24550	MSB	AS80006857	6858/988	1.0ml		1	40	SC5413
	1524		W24551	MSBD	58						
	1547		W24552	SALK89	59				5		
	1610		W24553	AS885802RE	54	6858			1		
	1633		W24554	04RE	55				1		
	1656		W24555	06RE	56				2		
	1719		W24556	AS8698801RE	60	6988					

06-24-08
06-24-08

REVIEWED BY

000085

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS

DMC #1 no tail/no drag

179/6
109-1+2
CS22

MSI Lot # 62223 used for all samples
Chrom. Manufact. SI Pakar

1508/4151

I.S.I.D.

SCS413

000009

GCMS SEMIVOLATILE INJECTION LOG

T-1918
 C-1615
 C-1619

DMC #1

COMMENTS

NO fail / no degrad

DATE

TIME

000014

GCMS SEMIVOLATILE INJECTION LOG

1511/4151

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	INJ. VOL.	FV.	DF	NG I.S.	I.S. I.D.
7/8/08	0910	WJH	W24887	DF1000	S23-120	1.0ul				
	1123		W24888	S510050	S270 (40/10)					
	1146		W24889		TCLP AOC (5/27/08)					
	1209		W24890	AS 770012	AS 8000 7589	7700	1.0ul	20	40	S57-15
	1232		W24891	AS 770012	90			100		
	1255		W24892	AS 770012	97			20		
	1311		W24893	MSD	AS 8000 11844					
	1342		W24894	MSD	95					
	1405		W24895	SBLK108	96					
	1428		W24896	AS 784401	AS 8000 11843	7844				
	1451		W24897	AS 769202	AS 8000 11847	7692				
	1514		W24898	FLK	98					
	1537		W24899	AS 770012	AS 8000 11842	7814				
	1600		W24900	MSD	AS 8000 11844					
	1624		W24901	SBLK108	AS 8000 11844					
	1647		W24902	AS 770012	AS 8000 11844	7990				
	1710		W24903	AS 770012	AS 8000 11844	7940				
	1733		W24904	AS 770012	AS 8000 11844	7940				
	1756		W24905	AS 770012	AS 8000 11844					
	1819		W24906	AS 770012	AS 8000 11844					
	1842		W24907	AS 770012	AS 8000 11844					
	1905		W24908	AS 770012	AS 8000 11844					
	1928		W24909	AS 770012	AS 8000 11844					
	1951		W24910	AS 770012	AS 8000 11844					
	2014		W24911	AS 770012	AS 8000 11844					
	2037		W24912	AS 770012	AS 8000 11844					
	2100		W24913	AS 770012	AS 8000 11844					
	2123		W24914	AS 770012	AS 8000 11844					
	2146		W24915	AS 770012	AS 8000 11844					
	2169		W24916	AS 770012	AS 8000 11844					
	2192		W24917	AS 770012	AS 8000 11844					
	2215		W24918	AS 770012	AS 8000 11844					
	2238		W24919	AS 770012	AS 8000 11844					
	2261		W24920	AS 770012	AS 8000 11844					
	2284		W24921	AS 770012	AS 8000 11844					
	2307		W24922	AS 770012	AS 8000 11844					

WJH

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000018

GCMS SEMIVOLATILE INJECTION LOG

1513/4151

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #/Job #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
7/10/08	1208	AS	W24950	DFTPP 050	SC33-12 D	1.0ul				
	1250		W24951	SSTD050	8270A(6/24/08)					
	1321		W24953	SSTD005	8270 (6/24/08)					
	1344		W24954	SSTD020	8270 (6/24/08)					
	1407		W24955	SSTD050	8270 (6/24/08)					
	1430		W24956	SSTD080	8270 (6/24/08)					
	1518		W24957	SSTD120	8270(6/24/08)					
	1541		W24958	SSTD160	8270 (6/24/08)					
	1604		W24959	CHECK 050	8270 (6/13/08)					
	1627		W24960	AS7692024	MAR800189 769Z			20	40	8054-15
	1650		W24961	MSB	8270 (6/24/08)					
	1713		W24962	MSB	AS80007991					
	1736		W24963	SBK	799Z					
	1759		W24964	AS809801	7989 8098			10		
	1822		W24965	AS805261	7993 8052					
	1845		W24966	AS794001	7812 7940			2		
	1908		W24967	01MS	7813					
	1931		W24968	01SD	7814					
	1954		W24969	02	7815			2		
	2017		W24970	AS798802	7823 7988			2		
	2040		W24971	04	7825					
	2103		W24972	05	7826					
	2126		W24973	05MS	7827					
	2149		W24974	05SD	7828					

SP 106
7/11/08

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GCMS SEMIVOLATILE INJECTION LOG

I-2025	DVC #1	COMMENTS
I-0516 (8270)		no tail / no degrad
C-171A		
I-0517 (TCP)		
C-171B		

DATE _____

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL	F.V.	DF	NG I.S.	I.S. I.D.
7/11/08	1013	W24975	DETPPO50	S(33-1210	---	---	1.0ul	---	---	---	---
	1126	W24970	ST12050	8270 (W24985)	---	---	---	---	---	---	---
	1151	W24971		TCC (A200152700)	---	---	---	1.0ml	1	40	SC5471
	1200	W24978	A8793702	A8793702	A88001970	7937	---	---	---	---	---
	1219	W24979		03	71	↓	---	---	---	---	---
	1312	W24980	A8789101	A8789101	72	7811	---	---	---	---	---
	1326	W24981	ELCY	ELCY	73	7811	---	---	---	---	---
	1358	W24982	A8798101	A8798101	A8800119 83	7981	---	---	---	---	---
	1505	W24983	MS02	MS02	A88007990	8098	---	---	---	---	---
	1528	W24984	MS02	MS02	91	↓	---	---	---	---	---
	1551	W24985	S02L12	S02L12	92	↓	---	---	---	---	---
	1614	W24986	A8800801	A8800801	A88007934	7940	---	---	10	---	---
	1637	W24987	A8794001	A8794001	A88007812	7940	---	---	2	---	---
	1700	W24988		01MS	13	↓	---	---	4	---	---
	1723	W24989		01SD	14	↓	---	---	1	---	---
	1746	W24990		02	15	↓	---	---	1	---	---
	1809	W24991	A8798802	A8798802	A88007823	7988	---	---	---	---	---
	1832	W24992		04	245	↓	---	---	---	---	---
	1855	W24993		05	286	↓	---	---	---	---	---
	1918	W24994	F004	05MS	267	↓	---	---	---	---	---
	1941	W24995	S100	08SD	278	↓	---	---	---	---	---
	2004	W24996	A8794101	A8794101	A88007783	7844	---	---	---	---	---

W24975
1515/4151

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TEST AMERICA

000021

GCMS SEMIVOLATILE INJECTION LOG

TIME	SAMPLE NO.	COMMENTS
1.2036	1	NO TEL / deg
1.1738		
		Meq, Lot # 62283 need for all sample dilutions. Manufacturer: 3-17-18-100

000068

GCMS SEMIVOLATILE INJECTION LOG

1517/4151

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	LOG JOB #	INJ.VOL.	FV.	DF	NG I.S.	I.S.I.D.
05-22-08	0637	MD	X23930	DFTPP SONG	SC33-11Q		1.0uL				
	0653		X23931	SSTD005	8270(04-09-08)						
	0716		X23932	020							
	0738		X23933	050							
	0801		X23934	080							
	0824		X23935	120							
	0847		X23936	160							
	0909		X23937	CHECK050	2NDSC(11-02-07)						
	1006		X23938	DFTPP SONG	SC33-11Q						
	1022		X23939	SSTD005	8270(04-09-08)						
	1045		X23940	020							
	1108		X23941	050							
	1131		X23942	080							
	1154		X23943	120							
	1216		X23944	160							
	1239		X23945	CHECK050	2NDSC(11-02-07)						
	1302		X23946	SSTD005	TELADDS(12-21-07)						
	1325		X23947	020							
	1423		X23948	DFTPP SONG	SC33-11Q						
	1439		X23949	SSTD005	8270(04-09-08)						
	1502		X23950	020							
	1525		X23951	050							
	1548		X23952	080							
	1611		X23953	120							
	1633		X23954	160							
	1656		X23955	CHECK050	2NDSC(11-02-07)						
	1719		X23956	SSTD005	TELADDS(12-21-07)						
	1742		X23957	020							
	1805		X23958	050							
	1828		X23959	080							
	1851		X23960	120							
	1851		X23960	160							

05-27-08

MD

05-27-08

TEST AMERICA

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GCMS SEMIVOLATILE INJECTION LOG

000069

Q1102# 10/21/01 JCS

COMMENTS

MeCl₄ Lot # 5011501 used for all sample dilutions. Manufacturer: S. I. G. Inc.

T-1435

T-03602

T-03603

DATE

I.D.

GCMS SEMIVOLATILE INJECTION LOG

000070

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	LAB JOB #	INJ.VOL.	FV.	DF	NG I.S.	I.S. I.D.
05-22-08	1913	MD	X23961	STD160	TR-L-ADD5(12-21-07)		1.0ul.				
	1936		X23962	STD010	APIX(01-08-08)						
	1959		X23963	020							
	2021		X23964	050							
	2044		X23965	080							
	2107		X23966	120							
	2130		X23967	160							
	2153		X23968	010	ADD5#1(04-01-08)						
	2216		X23969	020							
	2239		X23970	050							
	2302		X23971	080							
	2324		X23972	120							
	2347		X23973	160							

GCMS 05-22-08

GCMS SEMIVOLATILE INJECTION LOG

000071

COMMENTS

70364

Mech Lot # 50129 used for all sample
Injections. Manufacturer: J.T. Bally

7-0365

S.I.D.

7

DATE

000084

GCMS SEMIVOLATILE INJECTION LOG

1521/4151

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. ID
06-03-08	0813	MD	X24142	DET P050	SC33-11U		1.0UL				
	0813		X24143	SSTD050	8270A(04-09-08)						
	0838		X24144	005							
	0901		X24145	080							
	0924		X24146	050							
	0947		X24147	080							
	1010		X24148	120							
	1033		X24149	160							
	1055		X24150	CHECK050	2ND SC (06-03-08)						

MD
08-05-08

06-05-08

TEST AMERICA

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000085

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS

DATE

D.

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ VOL.	F.V.	DF	NG I.S.	I.S. I.D.
05-06-08	0844	AJ	X24754	DFTPP050	SC93-120		1.00L				
	0905		X24755	SSTD050	8200(04-09-08)						
	0928		X24756	L	TELADUS A(052708)						
	0951		X24757	A8676401	A580006792	6764		1.0ml	1	40	SC54-14
	1014		X24758	A8702901		93			5		
	1036		X24759			94			1		
	1059		X24760			95					
	1122		X24761	MSB	A580007550	7595/694					
	1145		X24762	SBLK 33		51					
	1208		X24763	A8676605		45			2		
	1231		X24764			46			2		
	1253		X24765			47			1		
	1316		X24766			48			4		
	1339		X24767			49					
	1402		X24768	A8768701		52		7687			
	1425		X24769			53					
	1448		X24770			54					
	1510		X24771			55					
	1533		X24772			56			5		
	1556		X24773			57			1		
	1619		X24774			58			4		
	1642		X24775			59					
	1705		X24776	A8759501		60		10.0	5		
	1728		X24777	A8769407		61		1.0	1		
	1751		X24778			62					
	1813		X24779			63					
	1836		X24780			64					
	1859		X24781			65			2		
	1921		X24782			66			1		
	1944		X24783			67			1		
	2007		X24784			68			2		
4407-08-08 CM 07-08-08											

TEST AMERICA

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GCMS SEMIVOLATILE INJECTION LOG

1524/4151

F-1914-1987
C-1623

COMMENTS

DMC #1

no tail / no degrad

DATE

19

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	F.V.	DF	NG.I.S.	I.S.I.D.
7/11/08	0826	AJ	X24960	DF7PP050	5C33-126		1.0ul				
	0858		X24961	SST0005	8270 (6/12/105)						
	1019		X24962	020							
	1012		X24963	050							
	1105		X24964	080							
	1128		X24965	120							
	1151		X24966	160							
	1214		X24967	Check 050	2mls (6/21/05)						
	1236		X24968	SST0005	TR ADDS (6/27/05)						
	1319		X24969	020							
	1342		X24970	080							
	1405		X24971	120							
	1427		X24972	160							
	1450		X24973	100							
	1513		X24974	SST0005	APIX (7/10/05)						
	1536		X24975	020							
	1558		X24976	050							
	1621		X24977	060							
	1644		X24978	120							
	1707		X24979	160							
	1730		X24980	SST0010	ADDSEH (4/11/05)						
	1752		X24981	020							
	1815		X24982	050							
	1838		X24983	080							
	1900		X24984	120							
	1923		X24985	160							

TEST AMERICA

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000055

GCMS SEMIVOLATILE INJECTION LOG

I.D.	COMMENTS	S OML #	NO. FOR LOG
T-2080			
I-084 (8270)			
I-0536 (TCL ADDS)			
I-0537 (APIX)			
I-0538 (ADDS #1)			

I-084 (8270)

I-0536 (TCL ADDS)

I-0537 (APIX)

I-0538 (ADDS #1)

MeCl₂ Lot# 600503 used for all samples
diffusions. Manufacturer S. S. Deakay

DATE

000062

GCMS SEMIVOLATILE INJECTION LOG

1527/4151

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	AOS JOB #	INJ. VOL.	F.V.	DF	NG I.S.	I.S. I.D.
07-31-08	0841	PJ	X25049	DFTPP SONG	SC33-126		1.00L				
	0900		X25050	SSTD005	8270(06-34-08)						
	0922		X25051	030							
	0945		X25052	030							
	1008		X25053	080							
	1031		X25054	120							
	1054		X25055	160							
	1117		X25056	CHECK050	82702UNSC(06-03-08)						
	1506		X25057	DFTPP SONG	SC33-126						
	1521		X25058	SSTD 050	8270A(06-34-08)						
	1544		X25059	050	TCLANNS(05-27-08)						
	1607		X25060	050	APIX(07-10-08)						
	1629		X25061	050	ADD5#1(04-01-08)						
	1652		X25062	MSB	AW80012254 8345/8366			1.0mL		40	SC57-15
	1715		X25063	MSB	55						
	1738		X25064	SBLK50	56						
	1801		X25065	AB 834501	AW80012247 8345			10.0	500		
	1823		X25066	03	48				100		
	1846		X25067	03	49				100		
	1909		X25068	04	50				500		
	1932		X25069	05	51				100		
	1955		X25070	06	52				100		
	2018		X25071	07	53			1.0			
	2040		X25072	AB836601	57 8366						
	2103		X25073	02	58						
	2126		X25074	03	59						
	2149		X25075	04	60						
	2212		X25076	05	61						
	2235		X25077	06	62						
	2258		X25078	07	63						
	2321		X25079	08	64						
	2344		X25080	09	65						
07-22-08	0007		X25081	10	66						
	0029		X25082	11	67						

REVIEWED BY

TEST AMERICA

000063

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS

F-2122
I-6548

F-2122
I-6548
C-1869

DATE

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
8-4-08	2150		X254916	DFTPOS0	SC-33-12K		1.0 µl				
	2205		X25497	SST0050	8210(6-24-08)						
	2228		X25498	SST0050	TCLADDS(848)						
	2251		X25499	MSB	A5800089167	1908/1918/1915		1.0 µl		40	SC55-02
	2314		X25500	SBLK99	68						
	2337		X25501	A81018 01	65	9068					
8-5-08	0000		X25502	02	66						
	0023		X25503	A89018 01	69	9018		10			
	0046		X25504	02	70						
	0108		X25505	03	71						
	0131		X25506	04	72						
	0154		X25507	05	73						
	0217		X25508	05MS	A5800089 74						
	0240		X25509	05SD	75						
	0302		X25510	06	76						
	0325		X25511	07	77						
	0348		X25512	08	78						
	0411		X25513	A8904501	79	9045					
	0434		X25514	03	80						
	0457		X25515	MSB	A58007818	7988/7940					
	0619		X25516	SBLK99	19						
	0542		X25517	A87988 02	23	1988					
	0618		X25518	04	26						
	0651		X25519	06	27						
	0651		X25520	05MS	28						
	0714		X25521	05SD	12						
	0737		X25522	A87940 01	13	7940		2			
	0800		X25523	01MS	13						
	0823		X25524	01SD	14						
	0845		X25525	02	15				4		
	0845		X25525	02	15				1		
8-5-08	0845										

JMG 8-5-08

000093

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS

DATE

8081 Data

QC Summary

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

GC Column(1): RTX-CLPII ID: 0.53 (mm)

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	DCBP %REC #	TCMX %REC #						TOT OUT
1	Matrix Spike Blank	A8B1804601	89	84						0
2	Matrix Spike Blank	A8B1807801	92	92						0
3	Matrix Spike Blank	A8B1833801	103	93						0
4	Matrix Spike Blank	A8B1864701	103	96						0
5	Matrix Spike Blk Dup	A8B1804602	94	90						0
6	Matrix Spike Blk Dup	A8B1807802	93	90						0
7	Method Blank	A8B1804603	91	79						0
8	Method Blank	A8B1807803	96	91						0
9	Method Blank	A8B1833802	104	93						0
10	Method Blank	A8B1864702	100	93						0
11	SB-002/6-8	A8798803	118	93						0
12	SB-002/6-8	A8798803RE	102	86						0
13	SB-018/4-6	A8798804	98	97						0
14	SB-018/4-6	A8798804RE	88	87						0
15	SB-036/7.5-8(ROC)	A8759501	0 D	0 D						0
16	SB-050/0-1(ROC)	A8769101	92	93						0
17	SB-050/6-8	A8769102	68	74						0
18	SB-070/6-7.5	A8798805	79	106						0
19	SB-070/6-7.5	A8798805RE	90	89						0
20	SB-51/0-1(ROC)	A8798801	0 D	0 D						0
21	SB-51/0-1(ROC)	A8798801RE	0 D	0 D						0
22	SB-53/0-1(ROC)	A8798802	230 *	98						1
23	SB-53/0-1(ROC)	A8798802RE	185 *	105						1

QC LIMITS

(DCBP) = Decachlorobiphenyl
 (TCMX) = Tetrachloro-m-xylene

(42-146)
 (37-135)

- # Column to be used to flag recovery values
- * Values outside of contract required QC limits
- D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1804603

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
gamma-BHC (Lindane)	16.6	15.5	93	37 - 120	
alpha-BHC	16.6	15.1	91	35 - 120	
Heptachlor	16.6	16.3	98	21 - 141	
Aldrin	16.6	14.2	86	38 - 120	
beta-BHC	16.6	16.5	99	35 - 133	
delta-BHC	16.6	15.3	92	23 - 126	
Dieldrin	16.6	15.9	96	36 - 120	
Endrin	16.6	16.0	96	39 - 126	
4,4'-DDD	16.6	15.9	96	33 - 127	
4,4'-DDT	16.6	18.0	108	47 - 145	
4,4'-DDE	16.6	15.8	95	22 - 141	
Endosulfan I	16.6	14.8	89	29 - 125	
Endosulfan II	16.6	17.0	102	39 - 121	
Endrin aldehyde	16.6	14.1	85	33 - 120	
Endosulfan Sulfate	16.6	15.0	90	43 - 120	
Heptachlor epoxide	16.6	16.0	96	44 - 122	
Methoxychlor	16.6	17.4	105	46 - 152	

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	QC LIMITS RPD REC.		+
gamma-BHC (Lindane)	16.2	15.8	97	4	50	37 - 120	
alpha-BHC	16.2	15.4	95	4	50	35 - 120	
Heptachlor	16.2	16.6	102	4	50	21 - 141	
Aldrin	16.2	14.9	92	7	50	38 - 120	
beta-BHC	16.2	16.7	103	4	50	35 - 133	
delta-BHC	16.2	15.4	95	3	50	23 - 126	
Dieldrin	16.2	16.1	99	3	50	36 - 120	
Endrin	16.2	16.2	100	4	50	39 - 126	
4,4'-DDD	16.2	15.8	97	1	50	33 - 127	
4,4'-DDT	16.2	17.9	110	2	50	47 - 145	
4,4'-DDE	16.2	16.0	99	4	50	22 - 141	
Endosulfan I	16.2	15.0	92	3	50	29 - 125	
Endosulfan II	16.2	17.0	105	3	50	39 - 121	
Endrin aldehyde	16.2	14.5	89	4	50	33 - 120	
Endosulfan Sulfate	16.2	14.9	92	2	50	43 - 120	
Heptachlor epoxide	16.2	16.3	100	4	50	44 - 122	
Methoxychlor	16.2	17.4	107	2	50	46 - 152	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1804603

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	QC LIMITS		+
					RPD	REC.	
=====	=====	=====	=====	=====	=====	=====	=====

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 17 outside limits
 Spike recovery: 0 out of 34 outside limits

Comments: _____

LABELLA ASSOCIATES

LABELLA ASSOCIATES

METHOD 8081 - TCL PESTICIDES

SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc.

Contract: _____

Lab Samp ID: A8B1807803Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: 7595Matrix Spike - Client Sample No.: Method BlankLevel: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
gamma-BHC (Lindane)	16.3	13.8	84	37 - 120	
alpha-BHC	16.3	13.3	82	35 - 120	
Heptachlor	16.3	14.1	86	21 - 141	
Aldrin	16.3	10.2	63	38 - 120	
beta-BHC	16.3	14.4	88	35 - 133	
delta-BHC	16.3	13.7	84	23 - 126	
Dieldrin	16.3	13.9	85	36 - 120	
Endrin	16.3	13.9	85	39 - 126	
4,4'-DDD	16.3	14.9	91	33 - 127	
4,4'-DDT	16.3	15.4	94	47 - 145	
4,4'-DDE	16.3	13.8	85	22 - 141	
Endosulfan I	16.3	12.6	77	29 - 125	
Endosulfan II	16.3	14.9	92	39 - 121	
Endrin aldehyde	16.3	14.5	89	33 - 120	
Endosulfan Sulfate	16.3	14.0	86	43 - 120	
Heptachlor epoxide	16.3	14.0	86	44 - 122	
Methoxychlor	16.3	15.3	94	46 - 152	

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	QC LIMITS		+
					RPD	REC.	
gamma-BHC (Lindane)	16.4	15.5	95	12	50	37 - 120	
alpha-BHC	16.4	15.0	92	11	50	35 - 120	
Heptachlor	16.4	16.0	98	13	50	21 - 141	
Aldrin	16.4	11.5	70	10	50	38 - 120	
beta-BHC	16.4	16.5	101	14	50	35 - 133	
delta-BHC	16.4	15.7	96	13	50	23 - 126	
Dieldrin	16.4	15.6	96	12	50	36 - 120	
Endrin	16.4	15.6	96	12	50	39 - 126	
4,4'-DDD	16.4	16.9	103	12	50	33 - 127	
4,4'-DDT	16.4	17.0	104	10	50	47 - 145	
4,4'-DDE	16.4	15.6	95	11	50	22 - 141	
Endosulfan I	16.4	14.1	86	11	50	29 - 125	
Endosulfan II	16.4	16.7	102	10	50	39 - 121	
Endrin aldehyde	16.4	16.9	103	14	50	33 - 120	
Endosulfan Sulfate	16.4	15.8	97	12	50	43 - 120	
Heptachlor epoxide	16.4	15.9	97	12	50	44 - 122	
Methoxychlor	16.4	17.1	104	10	50	46 - 152	

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1807803

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	QC LIMITS RPD | REC.	+

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 17 outside limits
 Spike recovery: 0 out of 34 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1833802

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
gamma-BHC (Lindane)	16.5	15.5	94	50 - 120	
alpha-BHC	16.5	15.5	90	49 - 120	
Heptachlor	16.5	16.5	100	47 - 120	
Aldrin	16.5	4.65	25 *	35 - 120	
beta-BHC	16.5	16.3	98	56 - 120	
delta-BHC	16.5	15.7	95	45 - 123	
Dieldrin	16.5	17.3	104	57 - 120	
Endrin	16.5	18.7	113	54 - 147	
4,4'-DDD	16.5	21.5	128	55 - 129	
4,4'-DDT	16.5	19.8	120	47 - 145	
4,4'-DDE	16.5	17.4	101	59 - 120	
Endosulfan I	16.5	15.6	92	29 - 125	
Endosulfan II	16.5	17.4	105	39 - 121	
Endrin aldehyde	16.5	18.7	113	33 - 120	
Endosulfan Sulfate	16.5	16.1	97	43 - 120	
Heptachlor epoxide	16.5	17.7	107	44 - 122	
Methoxychlor	16.5	19.4	117	46 - 152	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 1 out of 17 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1864702

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
gamma-BHC (Lindane) _____	16.4	16.7	102	50 - 120	
alpha-BHC _____	16.4	15.8	96	49 - 120	
Heptachlor _____	16.4	17.3	105	47 - 120	
Aldrin _____	16.4	11.9	72	35 - 120	
beta-BHC _____	16.4	17.3	105	56 - 120	
delta-BHC _____	16.4	16.6	101	45 - 123	
Dieldrin _____	16.4	17.1	104	57 - 120	
Endrin _____	16.4	16.3	99	54 - 147	
4,4'-DDD _____	16.4	18.4	112	55 - 129	
4,4'-DDT _____	16.4	18.6	113	47 - 145	
4,4'-DDE _____	16.4	17.5	106	59 - 120	
Endosulfan I _____	16.4	16.3	99	29 - 125	
Endosulfan II _____	16.4	16.7	101	39 - 121	
Endrin aldehyde _____	16.4	18.0	110	33 - 120	
Endosulfan Sulfate _____	16.4	16.5	100	43 - 120	
Heptachlor epoxide _____	16.4	17.7	108	44 - 122	
Methoxychlor _____	16.4	19.1	116	46 - 152	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 17 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1804603 Lab File ID: 5B10148.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): N Date Extracted: 07/01/2008

Date Analyzed (1): 07/02/2008 Date Analyzed (2): _____

Time Analyzed (1): 14:12 Time Analyzed (2): _____

Instrument ID (1): HP6890-5 Instrument ID (2): _____

GC Column (1): RTX-CLPII Dia: 0.53 (mm) GC Column (2): _____ Dia: _____ (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
1	Matrix Spike Blank	A8B1804601	07/02/2008	
2	Matrix Spike Blk Dup	A8B1804602	07/02/2008	
3	SB-036/7.5-8 (ROC)	A8759501	07/03/2008	

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1807803 Lab File ID: 5B10145.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): N Date Extracted: 07/01/2008

Date Analyzed (1): 07/02/2008 Date Analyzed (2): _____

Time Analyzed (1): 12:23 Time Analyzed (2): _____

Instrument ID (1): HP6890-5 Instrument ID (2): _____

GC Column (1): RTX-CLPII Dia: 0.53(mm) GC Column (2): _____ Dia: _____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
1	Matrix Spike Blank	A8B1807801	07/02/2008	
2	Matrix Spike Blk Dup	A8B1807802	07/02/2008	
3	SB-050/0-1(ROC)	A8769101	07/03/2008	
4	SB-050/6-8	A8769102	07/03/2008	

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1833802 Lab File ID: 6B15038.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): N Date Extracted: 07/07/2008

Date Analyzed (1): 07/10/2008 Date Analyzed (2): _____

Time Analyzed (1): 17:19 Time Analyzed (2): _____

Instrument ID (1): HP6890-6 Instrument ID (2): _____

GC Column (1): RTX-CLPII Dia: 0.53 (mm) GC Column (2): _____ Dia: _____ (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
1	Matrix Spike Blank	A8B1833801	07/10/2008	
2	SB-002/6-8	A8798803	07/11/2008	
3	SB-018/4-6	A8798804	07/16/2008	
4	SB-070/6-7.5	A8798805	07/12/2008	
5	SB-51/0-1 (ROC)	A8798801	07/11/2008	
6	SB-53/0-1 (ROC)	A8798802	07/11/2008	

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1864702 Lab File ID: 6B15096.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): N Date Extracted: 07/11/2008

Date Analyzed (1): 07/16/2008 Date Analyzed (2): _____

Time Analyzed (1): 12:49 Time Analyzed (2): _____

Instrument ID (1): HP6890-6 Instrument ID (2): _____

GC Column (1): RTX-CLPII Dia: 0.53 (mm) GC Column (2): _____ Dia: _____ (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A8B1864701	07/16/2008	
2	SB-002/6-8	A8798803RE	07/16/2008	
3	SB-018/4-6	A8798804RE	07/16/2008	
4	SB-070/6-7.5	A8798805RE	07/16/2008	
5	SB-51/0-1 (ROC)	A8798801RE	07/16/2008	
6	SB-53/0-1 (ROC)	A8798802RE	07/16/2008	

Comments: _____

For FRACTIONS: GE

1544/4151

Laboratory: A
Project Manager: JRK

Client Name	Project No	Tsk No	Parameter	T			TDL	CDL	MDL	E	I	J	I	J
				Type	Method	Test									M	UM
fraction: GE														
Iella Associates	NY2A8951.6	8	4,4'-DDD	EQL	SW8463	8081	0.05000		0.01670	N	J			
Iella Associates	NY2A8951.6	8	4,4'-DDD	EQL	SW8463	8081	1.67000		0.31000	N	J			
Iella Associates	NY2A8951.6	8	4,4'-DDE	EQL	SW8463	8081	0.05000		0.01160	N	J			
Iella Associates	NY2A8951.6	8	4,4'-DDE	EQL	SW8463	8081	1.67000		0.21000	N	J			
Iella Associates	NY2A8951.6	8	4,4'-DDT	EQL	SW8463	8081	0.05000		0.01100	N	J			
Iella Associates	NY2A8951.6	8	4,4'-DDT	EQL	SW8463	8081	1.67000		0.38000	N	J			
Iella Associates	NY2A8951.6	8	Aldrin	EQL	SW8463	8081	0.05000		0.00660	N	J			
Iella Associates	NY2A8951.6	8	Aldrin	EQL	SW8463	8081	1.67000		0.40000	N	J			
Iella Associates	NY2A8951.6	8	Chlordane	EQL	SW8463	8081	16.70000		2.80000	N	J			
Iella Associates	NY2A8951.6	8	Dieldrin	EQL	SW8463	8081	0.05000		0.00660	N	J			
Iella Associates	NY2A8951.6	8	Dieldrin	EQL	SW8463	8081	1.67000		0.40000	N	J			
Iella Associates	NY2A8951.6	8	Endosulfan I	EQL	SW8463	8081	0.05000		0.00660	N	J			
Iella Associates	NY2A8951.6	8	Endosulfan I	EQL	SW8463	8081	1.67000		0.40000	N	J			
Iella Associates	NY2A8951.6	8	Endosulfan II	EQL	SW8463	8081	0.05000		0.01920	N	J			
Iella Associates	NY2A8951.6	8	Endosulfan II	EQL	SW8463	8081	1.67000		0.30000	N	J			
Iella Associates	NY2A8951.6	8	Endosulfan Sulfate	EQL	SW8463	8081	0.05000		0.00660	N	J			
Iella Associates	NY2A8951.6	8	Endosulfan Sulfate	EQL	SW8463	8081	1.67000		0.31100	N	J			
Iella Associates	NY2A8951.6	8	Endrin	EQL	SW8463	8081	0.05000		0.01380	N	J			
Iella Associates	NY2A8951.6	8	Endrin	EQL	SW8463	8081	1.67000		0.54000	N	J			
Iella Associates	NY2A8951.6	8	Endrin aldehyde	EQL	SW8463	8081	0.05000		0.01630	N	J			
Iella Associates	NY2A8951.6	8	Endrin aldehyde	EQL	SW8463	8081	1.67000		0.68000	N	J			
Iella Associates	NY2A8951.6	8	Endrin ketone	EQL	SW8463	8081	0.05000		0.00600	N	J			
Iella Associates	NY2A8951.6	8	Heptachlor	EQL	SW8463	8081	0.05000		0.00850	N	J			
Iella Associates	NY2A8951.6	8	Heptachlor	EQL	SW8463	8081	1.67000		0.83000	N	J			
Iella Associates	NY2A8951.6	8	Heptachlor epoxide	EQL	SW8463	8081	0.05000		0.00530	N	J			
Iella Associates	NY2A8951.6	8	Heptachlor epoxide	EQL	SW8463	8081	1.67000		0.43000	N	J			
Iella Associates	NY2A8951.6	8	Methoxychlor	EQL	SW8463	8081	0.05000		0.02390	N	J			
Iella Associates	NY2A8951.6	8	Methoxychlor	EQL	SW8463	8081	1.67000		0.38000	N	J			
Iella Associates	NY2A8951.6	8	Toxaphene	EQL	SW8463	8081	0.50000		0.05679	N	J			
Iella Associates	NY2A8951.6	8	Toxaphene	EQL	SW8463	8081	16.70000		9.70000	N	J			
Iella Associates	NY2A8951.6	8	alpha-BHC	EQL	SW8463	8081	0.05000		0.00660	N	J			
Iella Associates	NY2A8951.6	8	alpha-BHC	EQL	SW8463	8081	1.67000		0.40000	N	J			
Iella Associates	NY2A8951.6	8	alpha-Chlordane	EQL	SW8463	8081	0.05000		0.00470	N	J			
Iella Associates	NY2A8951.6	8	beta-BHC	EQL	SW8463	8081	0.05000		0.02480	N	J			
Iella Associates	NY2A8951.6	8	beta-BHC	EQL	SW8463	8081	1.67000		0.50000	N	J			
Iella Associates	NY2A8951.6	8	delta-BHC	EQL	SW8463	8081	0.05000		0.01010	N	J			

Compare Client DL for PROJECT NY2A8951.6 and TASK 8 to Lab MDL
 For METHOD: 8081 PROTOCOL: SW8463
 For FRACTIONS: GE

Laboratory: A
 Project Manager: JRK

Client Name	Project No	Tsk No	Parameter	TDL		Type	Protcl	Method	Test	T		UM	CDL	TDL	MDL	E
				M	I					M	I					
Iella Associates	NY2A8951.6	8	delta-BHC	EGL	SW8463	8081	STA00201	S	UG/KG	1.67000		0.40000	N	J		X
Iella Associates	NY2A8951.6	8	gamma-BHC (Lindane)	EGL	SW8463	8081	STA00200	W	UG/L	0.05000		0.00600	N	J		X
Iella Associates	NY2A8951.6	8	gamma-BHC (Lindane)	EGL	SW8463	8081	STA00201	S	UG/KG	1.67000		0.40000	N	J		X
Iella Associates	NY2A8951.6	8	gamma-Chlordane	EGL	SW8463	8081	STA00200	W	UG/L	0.05000		0.01100	N	J		X

1545/4151

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 30.68 (g/mL) G Lab File ID: 6B15053.TX0% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/11/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
309-00-2-----	Aldrin	1.9	U
319-84-6-----	alpha-BHC	0.66	BJ
319-85-7-----	beta-BHC	1.9	U
58-89-9-----	gamma-BHC (Lindane)	1.9	U
319-86-8-----	delta-BHC	0.77	J
57-74-9-----	Chlordane	19	U
72-54-8-----	4,4'-DDD	1.9	U
72-55-9-----	4,4'-DDE	1.9	U
50-29-3-----	4,4'-DDT	1.9	U
60-57-1-----	Dieldrin	1.9	U
959-98-8-----	Endosulfan I	1.9	U
33213-65-9----	Endosulfan II	0.58	J
1031-07-8----	Endosulfan Sulfate	1.9	U
72-20-8-----	Endrin	0.65	J
7421-93-4----	Endrin aldehyde	1.9	U
76-44-8-----	Heptachlor	1.9	U
1024-57-3----	Heptachlor epoxide	1.9	U
72-43-5-----	Methoxychlor	5.2	
8001-35-2----	Toxaphene	19	U

```

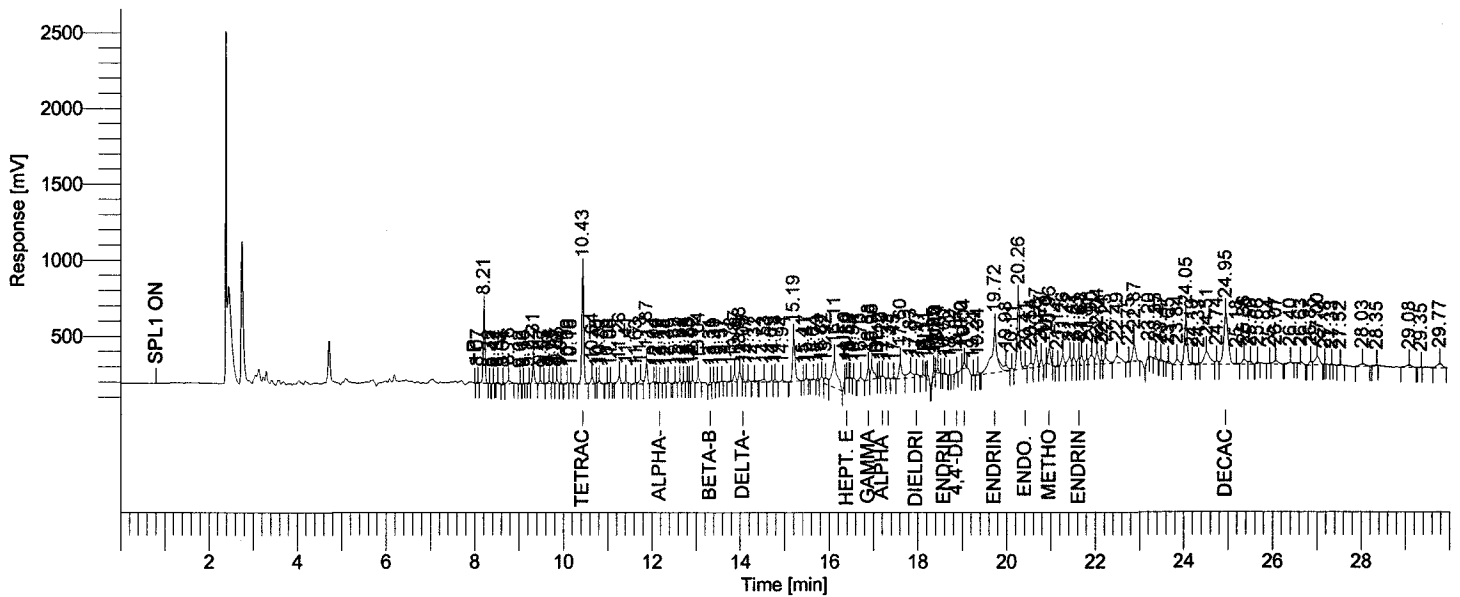
Software Version : 6.2.1.0.104:0104
Operator : tchrom
Sample Number : A8798803
AutoSampler : BUILT-IN
Instrument Name : HP6890-06
Instrument Serial # : CN10520010
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 07/11/2008 11:44:16

Date : 07/23/2008 11:20:51
Sample Name : AS80007809
Study : STA00201
Rack/Vial : 1/53
Channel : B
A/D mV Range : 1000
End Time : 29.95 min

Area Reject : 6000.000000
Dilution Factor : 1.00
Cycle : 2
    
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Raw Data File : H:\TURBO6\6890-06\6b15053.raw <Modified>
Result File : H:\TURBO6\6890-06\6b15053.rst [Editing in Progress]
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15053.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15053.rst [Editing in Progress]
Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15053.rst [Editing in Progress]
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-15.seq
    
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HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.07	25854		B	0.02585	7981.98
2	8.21	1361811		V	1.36181	477148.21
3	8.32	6253		B	0.00625	2869.47
5	8.51	37140		B	0.03714	7374.35
6	8.64	32689		B	0.03269	10634.77
7	8.76	126958		V	0.12696	20764.38
10	9.22	12043		B	0.01204	4805.87
11	9.31	363967		V	0.36397	117851.67
12	9.47	64177		B	0.06418	19074.97
14	9.68	74477		V	0.07448	16291.20
15	9.75	26598		V	0.02660	9491.58
16	9.85	74330		V	0.07433	26420.74
17	9.94	24085		B	0.02408	10104.61
18	10.09	40424		B	0.04042	8462.49
19	10.16	25199		V	0.02520	7931.33
20	10.43	2313915	Tetrachloro-m-xylene	B	0.01859	725843.73
21	10.64	166221		V	0.16622	45625.44
22	10.75	14124		V	0.01412	7015.51
23	10.81	69660		V	0.06966	19037.80
24	10.99	24390		B	0.02439	8073.21
25	11.06	26171		V	0.02617	9312.70
26	11.26	191007		V	0.19101	46263.77
27	11.41	58080		B	0.05808	18810.14

7.23.08
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07/23/2008 11:20:51 Result: H:\TURBO6\6890-06\6b15053.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
28	11.63	51531		B	0.05153	9808.39
29	11.73	182047		V	0.18205	31460.52
30	11.87	460011		V	0.46001	130681.32
31	12.04	61524		V	0.06152	11780.34
32	12.10	44708		V	0.04471	12361.66
33	12.17	14713	alpha-BHC	V	0.00171	5131.57
34	12.28	15305		B	0.01530	5458.25
35	12.36	30829		V	0.03083	8868.43
36	12.52	33073		B	0.03307	11645.99
37	12.62	50995		V	0.05099	16061.70
38	12.71	38971		V	0.03897	12048.16
39	12.79	41156		V	0.04116	12060.57
40	12.85	30772		V	0.03077	10291.81
41	12.92	55489		V	0.05549	17234.36
42	13.04	137563		B	0.13756	43278.55
43	13.31	55656	beta-BHC	B	4.19e-04	16992.55
44	13.39	49958		V	0.04996	13078.51
45	13.47	29580		V	0.02958	8288.33
46	13.57	13363		V	0.01336	4524.55
47	13.78	25044		B	0.02504	6606.84
48	13.87	195918		V	0.19592	52207.94
49	13.98	264719		V	0.26472	73879.02
50	14.05	50646	delta-BHC	V	0.00198	18512.28
51	14.17	56123		B	0.05612	15814.90
52	14.32	63889		V	0.06389	11792.13
53	14.53	121700		V	0.12170	18684.31
54	14.69	49512		B	0.04951	11713.67
55	14.78	67534		V	0.06753	21052.58
56	14.94	80198		V	0.08020	14405.21
57	15.19	1127061		B	1.12706	280090.47
59	15.47	25881		V	0.02588	10117.67
60	15.64	18816		B	0.01882	5510.47
61	15.73	55959		B	0.05596	15740.54
62	15.82	186712		V	0.18671	38604.45
63	15.92	244906		V	0.24491	39844.40
64	16.11	1518114		V	1.51811	182257.56
65	16.39	23226	Hept. epoxide	M	9.60e-04	6971.96
66	16.46	18400		B	0.01840	5070.45
67	16.54	33240		V	0.03324	9753.16
68	16.70	112934		B	0.11293	23509.40
69	16.88	302444	gamma-chlordane	B	0.00335	82418.23
70	16.96	395965		*V	0.39596	77832.04
71	17.12	41532		*B	0.04153	14123.42
72	17.20	71828	alpha chlordane	*V	0.00161	15118.04
73	17.33	19808	Endosulfan I	*V	6.55e-04	5204.04
74	17.45	32547		*V	0.03255	7632.61
75	17.60	516586		*B	0.51659	105777.64
76	17.83	324248		*V	0.32425	36035.03
77	17.97	128604	Dieldrin	*V	0.00257	20145.70
78	18.11	64102		*V	0.06410	11758.75
79	18.21	140330		*B	0.14033	30350.14
80	18.35	136253		*B	0.13625	46178.25
81	18.44	94105		*M	0.09410	28332.93
82	18.60	33598	Endrin	*B	0.00168	8500.12
84	18.87	18218	4,4'-DDD	*B	8.08e-04	6509.72
85	19.04	123471	Endosulfan II	*M	0.00151	37122.09
86	19.24	11375		*B	0.01137	4636.91
87	19.34	75381		*B	0.07538	22263.06
88	19.72	2533815	Endrin aldehyde	*V	0.03410	288817.24
89	19.98	386525		*E	0.38652	36399.49
90	20.11	57544		*V	0.05754	14267.92
91	20.26	1819855		*V	1.81985	454265.30
92	20.41	90555	Endo-Sulfate	*E	0.00172	18452.14
93	20.54	197665		*V	0.19766	30301.82
94	20.67	424445		*V	0.42445	103623.74
95	20.77	148562		*V	0.14856	52415.48
96	20.96	391426	Methoxychlor	*M	0.01369	94597.61
97	21.14	18444		*B	0.01844	6081.50
98	21.26	308382		*V	0.30838	68860.32
99	21.42	329491		*V	0.32949	58444.91
100	21.51	249250		*V	0.24925	56458.30
101	21.63	189651	Endrin ketone	*V	0.00337	50027.24
102	21.68	257922		*V	0.25792	64140.30
103	21.81	185705		*V	0.18570	38502.70

07/23/2008 11:20:51 Result: H:\TURBO6\6890-06\6b15053.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
104	21.90	415082		*V	0.41508	60337.91
105	22.04	411179		*V	0.41118	78695.16
106	22.14	72336		*V	0.07234	23627.28
107	22.23	277051		*V	0.27705	40240.51
108	22.49	421378		*V	0.42138	43358.80
109	22.75	26668		*B	0.02667	7226.44
110	22.87	511661		*V	0.51166	107493.77
111	23.20	82447		*B	0.08245	12203.87
112	23.35	64962		*B	0.06496	17006.71
113	23.47	42519		*B	0.04252	12932.76
114	23.65	54907		*B	0.05491	12350.87
115	23.84	224835		*B	0.22483	33583.21
116	24.05	1348288		*V	1.34829	287359.03
117	24.19	47892		*E	0.04789	11106.08
118	24.33	50796		*V	0.05080	10238.49
119	24.51	829488		*V	0.82949	84839.07
120	24.74	120866		*V	0.12087	22903.85
121	24.95	2331833	Decachlorobiphenyl	*V	0.02368	333251.45
122	25.18	35463		*E	0.03546	6532.27
123	25.36	218620		*V	0.21862	31440.47
124	25.50	97420		*V	0.09742	16734.42
125	25.66	36450		*B	0.03645	10151.61
126	25.94	18682		*B	0.01868	4901.82
127	26.07	162868		*V	0.16287	20287.43
128	26.40	53042		*B	0.05304	7991.99
129	26.63	73282		*B	0.07328	11728.31
130	26.85	123097		*B	0.12310	23115.69
131	27.00	410088		*V	0.41009	52557.21
134	27.52	29982		*B	0.02998	5826.60
135	28.03	152977		*B	0.15298	16583.97
136	28.35	11549		*B	0.01155	1757.56
137	29.08	144856		*B	0.14486	16583.47
139	29.77	231447		*B	0.23145	27267.12
		30150988			21.57000	6.32e+06

Sample Name : AS80007809

Sample #: A8798803

Page 1 of 1

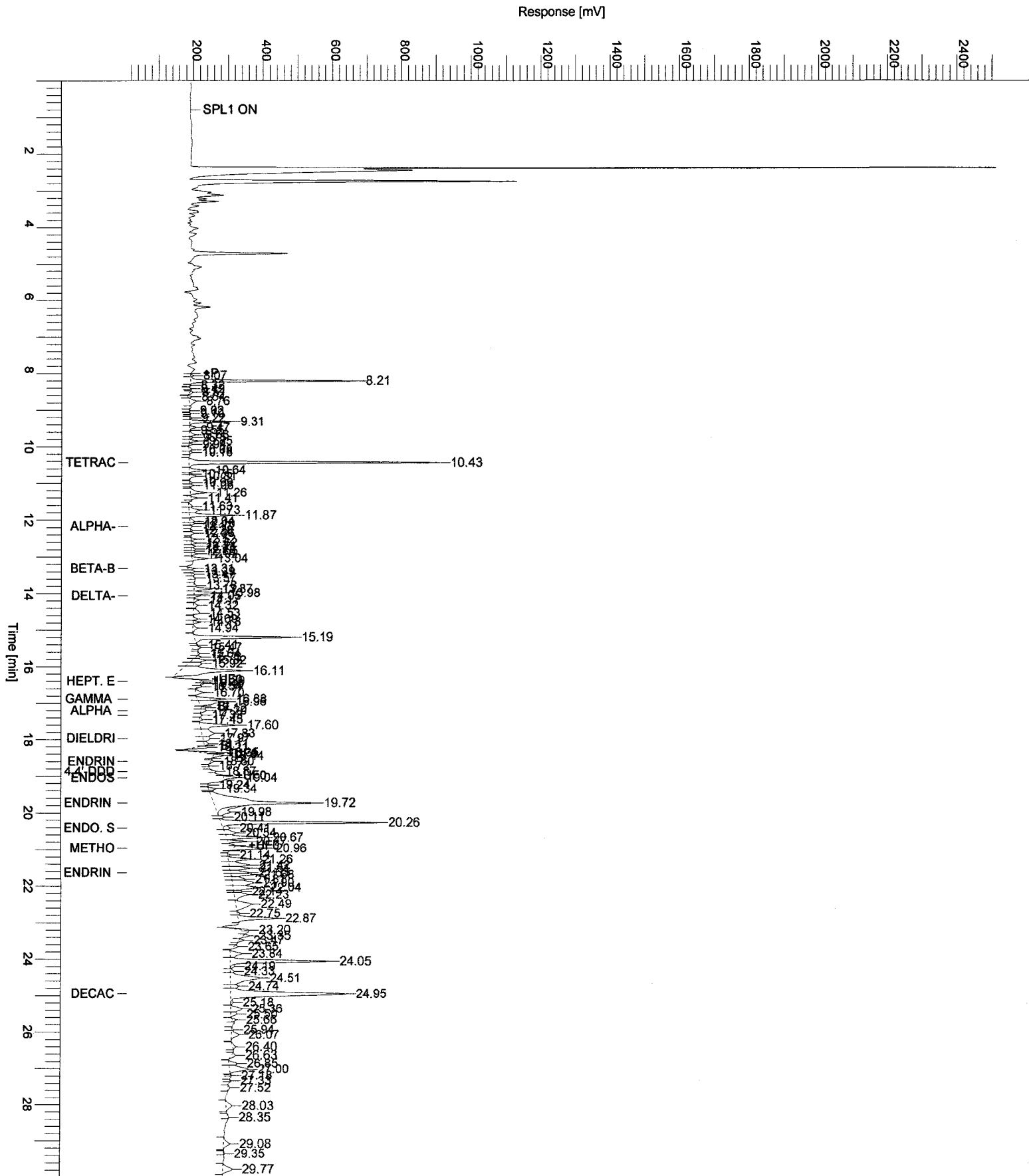
FileName : H:\TURBO6\6890-06\6b15053.raw

Date : 07/23/2008 11:20:59

Method : Time of Injection: 07/11/2008 11:44:16

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2510.00 mV

Plot Offset: 10.00 mV Plot Scale: 2500.0 mV



Sample Name : AS80007809

Sample #: A8798803

Page 1 of 1

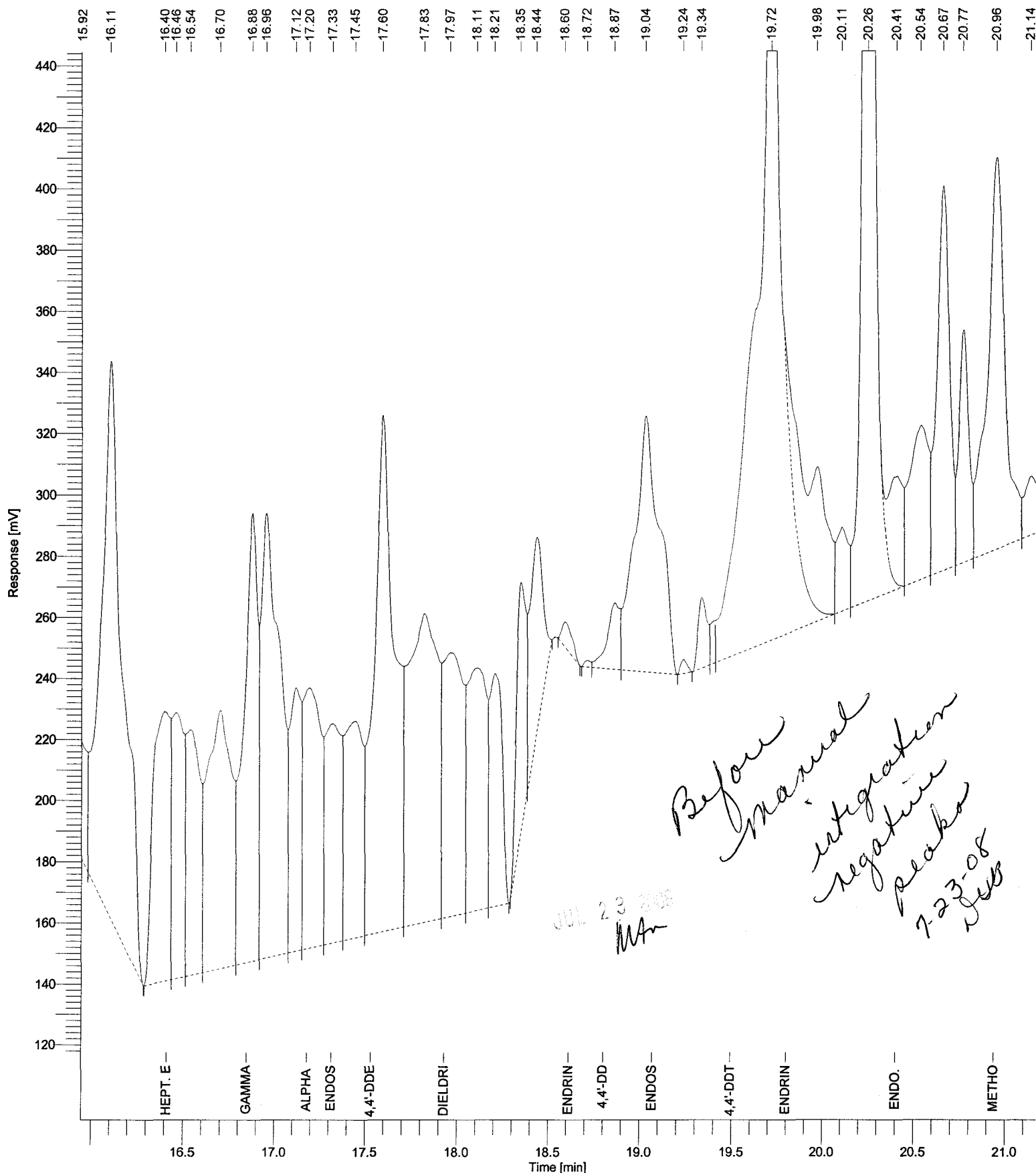
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Date : 07/23/2008 11:18:25

Method : Time of Injection: 07/11/2008 11:44:16

Start Time : 15.95 min End Time : 21.17 min Low Point : 117.54 mV High Point : 444.50 mV

Plot Offset: 117.54 mV Plot Scale: 327.0 mV

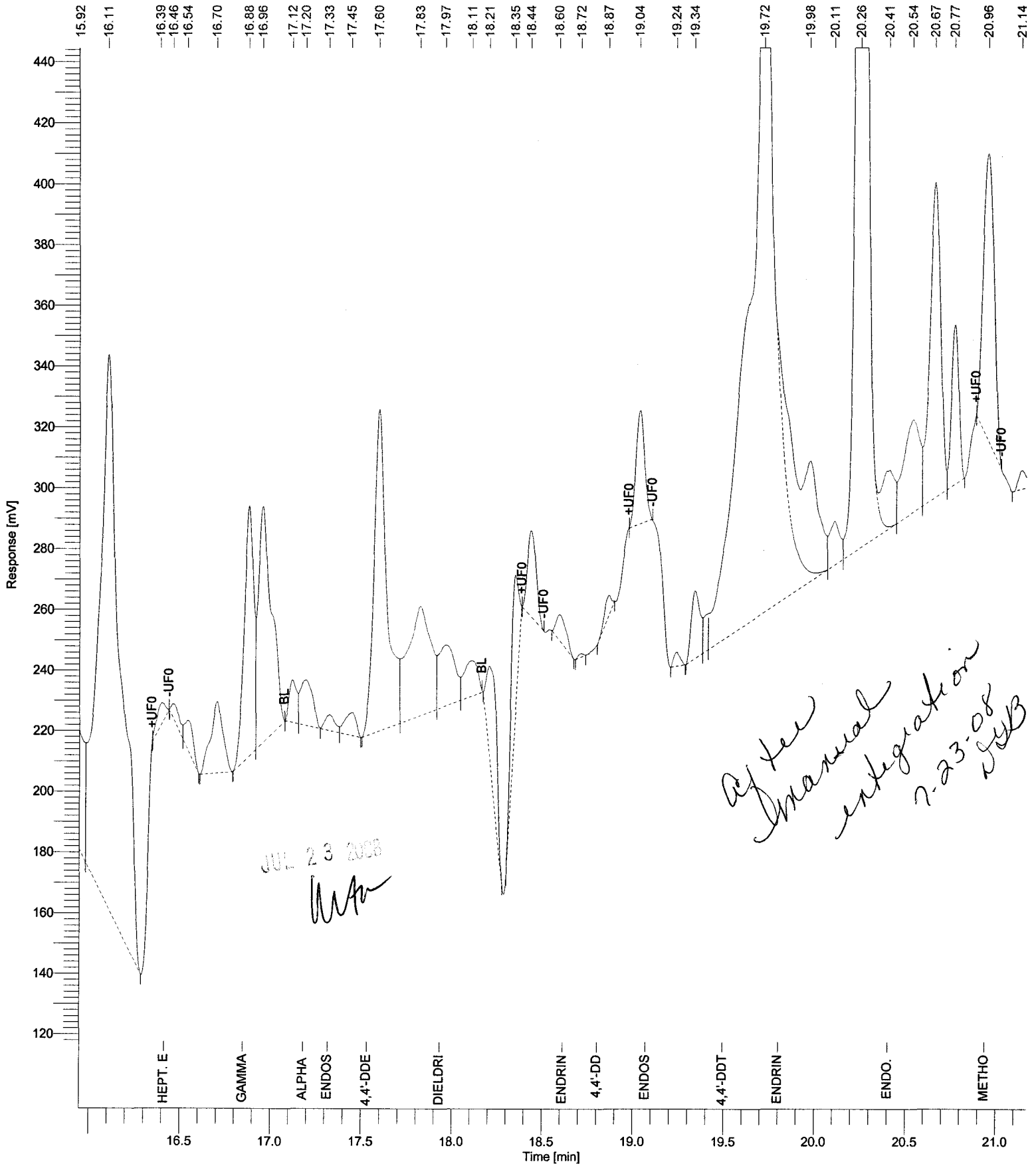


*Before
manual
integration
negative
peaks
7-23-08
JWS*

*JUL 23 2008
M*

Sample Name : AS80007809
FileName : H:\TURBO6\6890-06\6b15053.raw
Date : 07/23/2008 11:20:59
Method :
Start Time : 15.95 min
Plot Offset: 117.54 mV

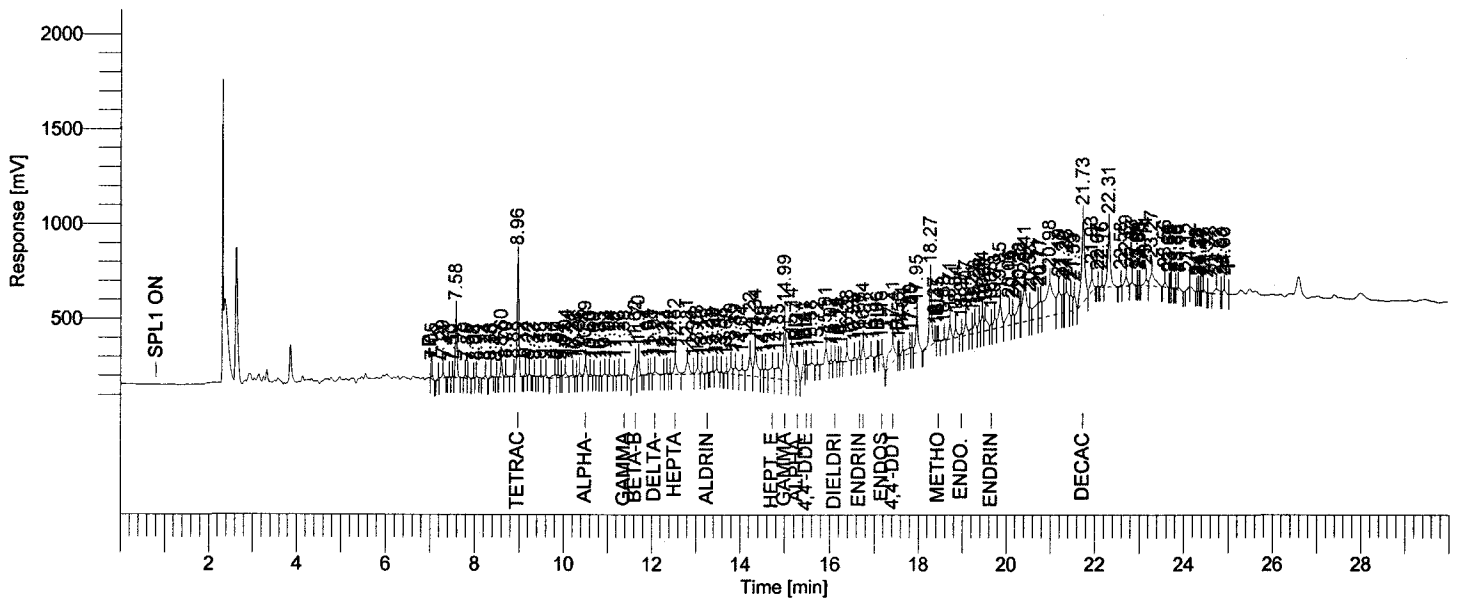
Sample #: A8798803
Page 1 of 1
Time of Injection: 07/11/2008 11:44:16
End Time : 21.17 min
Low Point : 117.54 mV
High Point : 444.50 mV
Plot Scale: 327.0 mV



Software Version : 6.2.1.0.104:0104
 Operator : tchrom
 Sample Number : A8798803
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/11/2008 11:44:16

Date : 07/23/2008 11:22:36
 Sample Name : AS80007809
 Study : STA00201
 Rack/Vial : 1/53
 Channel : A
 A/D mV Range : 1000
 End Time : 29.95 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6a15053.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15053.rst [Editing in Progress]
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15053.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15053.rst [Editing in Progress]
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15053.rst [Editing in Progress]
 Report Format File: h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.05	52090		B	0.05209	19799.95
2	7.19	33901		B	0.03390	10870.32
3	7.29	105387		V	0.10539	27616.79
4	7.43	13444		B	0.01344	4285.04
5	7.50	9778		V	0.00978	4186.70
6	7.58	855297		B	0.85530	323609.47
7	7.79	49373		B	0.04937	15482.49
8	7.85	30379		V	0.03038	9260.76
9	7.98	11956		B	0.01196	4053.81
10	8.04	18457		V	0.01846	7050.72
11	8.24	61332		B	0.06133	14492.57
12	8.36	34619		B	0.03462	10448.61
14	8.60	215036		B	0.21504	79544.18
15	8.70	50404		B	0.05040	14721.42
16	8.88	45073		V	0.04507	13288.13
17	8.96	1810965	Tetrachloro-m-xylene	V	0.01443	609799.87
18	9.14	35432		B	0.03543	13986.84
19	9.22	18964		V	0.01896	7384.29
20	9.33	6233		B	0.00623	2845.55
21	9.48	32148		B	0.03215	10253.19
22	9.59	58435		V	0.05844	15638.99
23	9.80	112499		B	0.11250	18528.62
24	9.87	60442		V	0.06044	14416.28

07/23/2008 11:22:36 Result: H:\TURBO6\6890-06\6a15053.rst

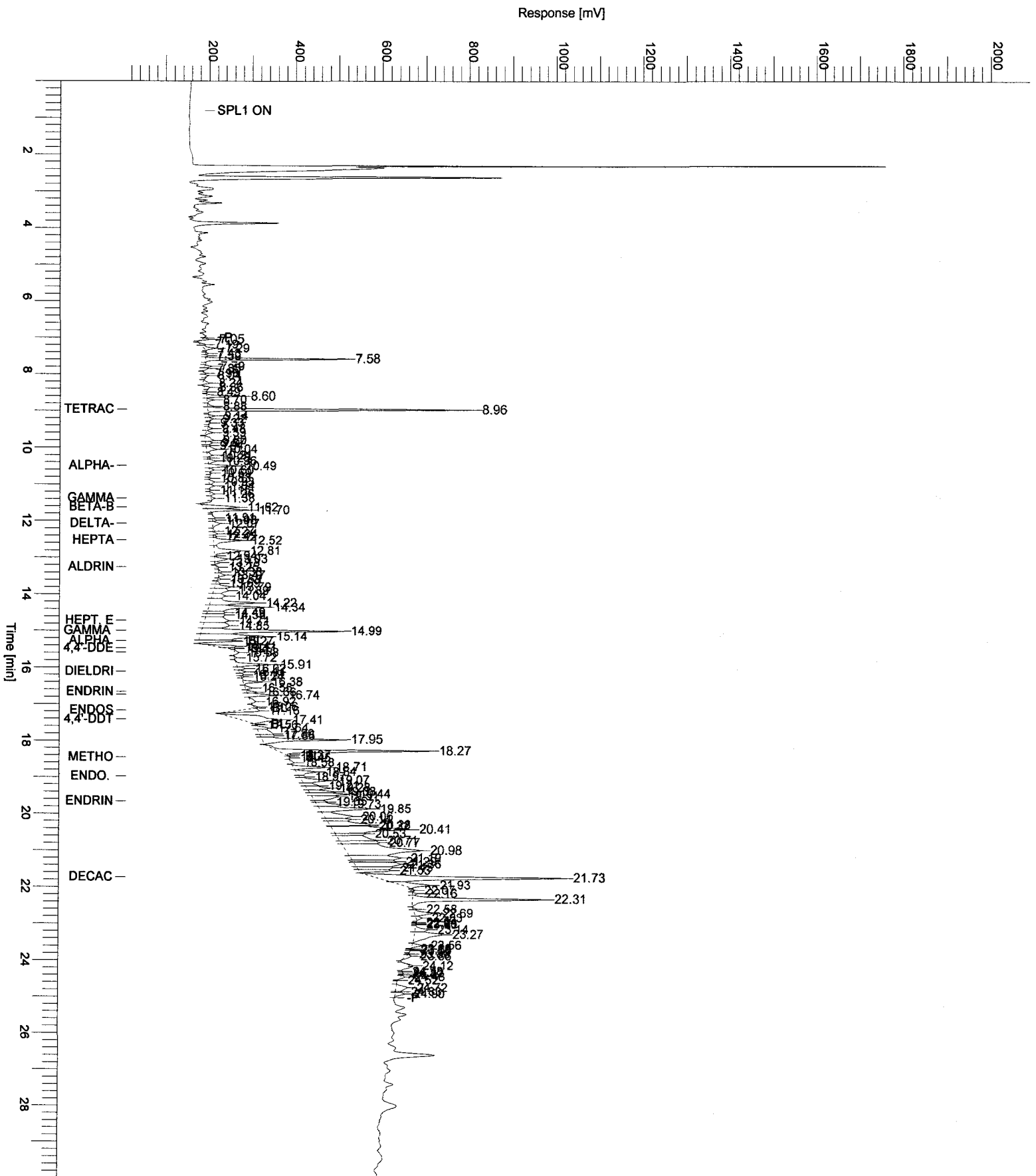
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
25	9.94	21436		V	0.02144	9122.96
26	10.04	131110		V	0.13111	24879.54
27	10.21	52473		V	0.05247	11181.24
28	10.28	15381		V	0.01538	5187.02
29	10.36	79340		V	0.07934	19185.55
30	10.49	212854	alpha-BHC	V	0.00152	63115.59
31	10.60	35296		V	0.03530	9162.17
32	10.69	8095		V	0.00810	3308.33
33	10.83	7581		B	0.00758	3725.31
34	10.93	57192		V	0.05719	11906.37
35	11.04	40709		V	0.04071	11270.50
37	11.26	34441		B	0.03444	8850.23
38	11.38	24973	gamma-BHC	V	4.10e-04	7857.75
39	11.62	349322	beta-BHC	B	0.00376	76041.59
40	11.70	296134		V	0.29613	93285.69
41	11.91	25610		B	0.02561	6665.63
42	11.98	29594		V	0.02959	9370.79
43	12.07	87470	delta-BHC	V	0.00165	15627.48
44	12.27	11519		V	0.01152	3162.98
45	12.34	33285		V	0.03328	9194.25
46	12.42	20366		V	0.02037	6531.71
47	12.52	316992	Heptachlor	V	0.00211	64814.25
48	12.81	407821		V	0.40782	60801.14
49	12.94	10386		E	0.01039	4675.32
50	13.03	133646		V	0.13365	28883.99
51	13.13	32370		V	0.03237	11258.41
52	13.25	9992	Aldrin	B	3.95e-04	2588.76
53	13.38	21244		B	0.02124	6642.25
54	13.47	59162		V	0.05916	14574.13
55	13.58	17926		B	0.01793	7463.91
56	13.69	34562		B	0.03456	9171.43
57	13.79	176099		V	0.17610	37048.09
58	13.89	232864		V	0.23286	34268.39
59	14.04	212262		V	0.21226	31616.08
60	14.22	587468		V	0.58747	107325.07
61	14.34	714055		V	0.71405	129202.87
62	14.49	152032		V	0.15203	41577.43
63	14.55	231486		V	0.23149	43307.06
64	14.71	450739	Hept. epoxide	V	0.00246	57332.30
65	14.85	512183		V	0.51218	59825.92
66	14.99	1401197	gamma chlordane	V	0.00954	322898.10
67	15.14	1096820		V	1.09682	154120.86
68	15.27	290866	alpha chlordane	*V	0.00205	80525.06
69	15.41	197608		*B	0.19761	49932.21
70	15.47	40678	4,4'-DDE	*V	0.00131	11356.38
71	15.58	49964	Endosulfan I	*B	-7.8e-04	9404.66
72	15.72	13450		*B	0.01345	4331.99
73	15.91	300423		*B	0.30042	77951.18
74	16.02	62787		*V	0.06279	17243.17
75	16.11	54279	Dieldrin	*V	5.10e-04	14428.95
76	16.19	19576		*V	0.01958	5942.17
77	16.24	14148		*V	0.01415	4891.91
78	16.38	138707		*V	0.13871	43584.49
79	16.55	62530		*V	0.06253	14825.23
80	16.66	64254	Endrin	*V	0.00107	20682.53
81	16.74	244604	4,4'-DDD	*V	0.00246	71797.48
82	16.92	68269		*B	0.06827	10937.23
83	17.06	18692		*B	0.01869	7112.34
84	17.16	263369	Endosulfan II	*B	0.00158	49947.17
85	17.41	919049	4,4'-DDT	*B	0.01269	97432.28
86	17.56	8804		*B	0.00880	4872.59
87	17.64	105240		*V	0.10524	25251.00
88	17.80	240635		*V	0.24064	32219.89
89	17.85	123251		*V	0.12325	32159.68
90	17.95	806866		*V	0.80687	182462.10
91	18.27	1325625		*B	1.32562	347908.58
92	18.37	17375		*E	0.01738	7175.88
93	18.45	8094	Methoxychlor	*B	0.00304	2956.63
94	18.58	28613		*B	0.02861	7034.83
95	18.71	281103		*B	0.28110	74159.56
96	18.84	213998		*V	0.21400	45340.23
97	18.97	43649	Endo. Sulfate	*V	-6.8e-05	12818.38
98	19.07	311594		*V	0.31159	62942.46
99	19.21	128818		*V	0.12882	31036.61

07/23/2008 11:22:36 Result: H:\TURBO6\6890-06\6a15053.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
100	19.28	246188		*V	0.24619	53352.27
101	19.38	222873		*V	0.22287	60883.32
102	19.44	331273		*V	0.33127	90851.76
103	19.51	352654		*V	0.35265	60956.40
104	19.65	74796	Endrin ketone <i>Wolke</i>	*V	4.05e-04	25877.89
105	19.73	258123		*V	0.25812	54404.18
106	19.85	651982		*V	0.65198	116452.28
107	20.06	475815		*V	0.47581	64074.62
108	20.14	227449		*V	0.22745	55937.78
109	20.28	556220		*V	0.55622	92254.50
110	20.32	89309		*V	0.08931	88085.34
111	20.41	1316253		*V	1.31625	176460.83
112	20.53	246287		*V	0.24629	68496.49
113	20.71	631142		*V	0.63114	85753.21
114	20.77	403095		*V	0.40310	87490.79
115	20.98	2212555		*V	2.21256	170697.12
116	21.19	786404		*V	0.78640	114484.88
117	21.29	300291		*V	0.30029	98295.10
118	21.36	699599		*V	0.69960	105361.18
119	21.45	376744		*V	0.37674	81211.08
120	21.53	278375		*V	0.27838	71344.03
121	21.73	2283246	Decachlorobiphenyl	*B	0.02190	429234.36
122	21.93	388156		*V	0.38816	63205.80
124	22.16	29574		*B	0.02957	10014.98
125	22.31	1341295		*V	1.34129	304993.32
126	22.58	23010		*B	0.02301	8092.19
127	22.69	229916		*V	0.22992	41880.77
128	22.83	61735		*V	0.06173	13707.89
132	23.14	162683		*V	0.16268	29999.99
133	23.27	571995		*V	0.57199	65322.66
134	23.56	92092		*B	0.09209	20844.03
139	23.86	71187		*V	0.07119	11384.77
140	24.12	17811		*B	0.01781	3753.28
144	24.43	41277		*V	0.04128	9762.97
146	24.72	193372		*B	0.19337	24973.53
147	24.83	18724		*V	0.01872	12952.14
148	24.90	100657		*V	0.10066	20767.68
		34938209			26.01930	7.24e+06

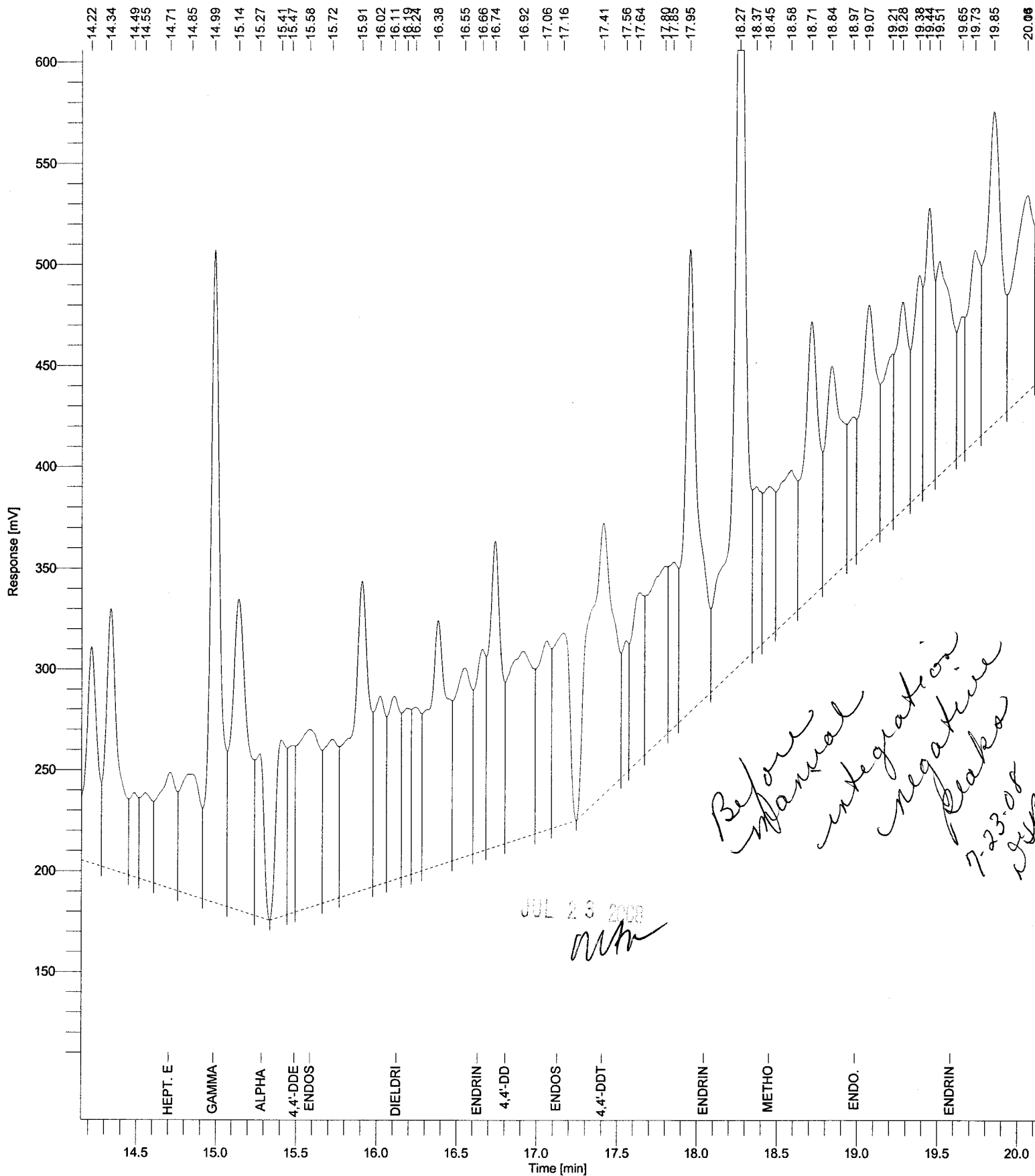
Sample Name : AS80007809
FileName : H:\TURBO6\6890-06\6a15053.raw
Date : 07/23/2008 11:22:44
Method :
Start Time : 0.00 min
Plot Offset : 10.00 mV

Sample #: A8798803
Page 1 of 1
Time of Injection: 07/11/2008 11:44:16
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Scale: 2000.0 mV



Sample Name : AS80007809
FileName : H:\TURBO6\6890-06\6a15053.raw
Date : 07/23/2008 11:25:01
Method :
Start Time : 14.16 min
Plot Offset: 109.99 mV

Sample #: A8798803
Page 1 of 1
Time of Injection: 07/11/2008 11:44:16
End Time : 20.12 min
Low Point : 109.99 mV
High Point : 605.53 mV
Plot Scale: 495.5 mV

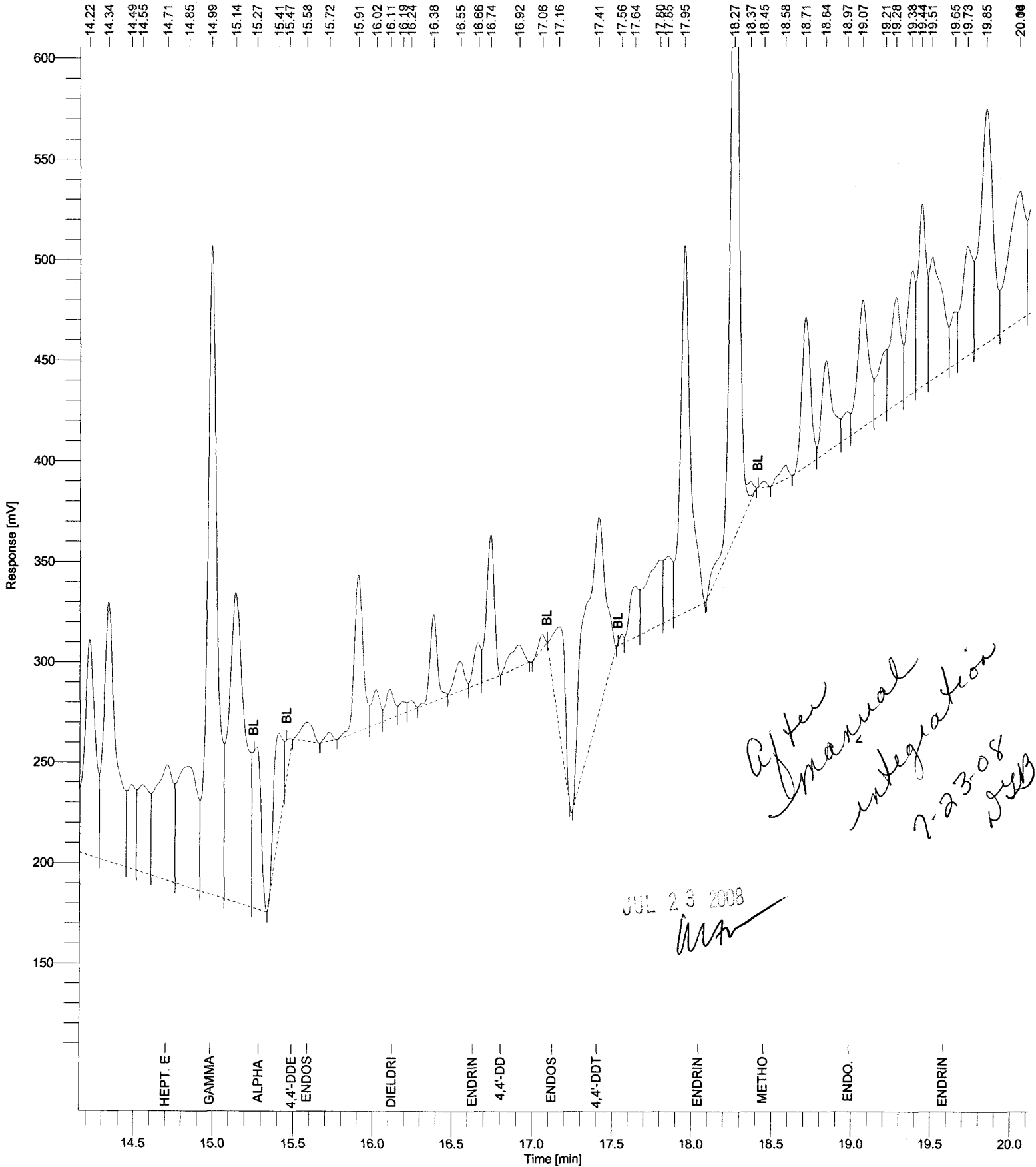


Before manual integration negative peaks
7-23-08
RAB

JUL 23 2008
RAB

Sample Name : AS80007809
FileName : H:\TURBO6\6890-06\6a15053.raw
Date : 07/23/2008 11:22:44
Method :
Start Time : 14.16 min
Plot Offset: 109.99 mV

Sample #: A8798803
Page 1 of 1
Time of Injection: 07/11/2008 11:44:16
End Time : 20.12 min
Low Point : 109.99 mV
High Point : 605.53 mV
Plot Scale: 495.5 mV



*After manual integration
7-23-08
JSSB*

JUL 23 2008
[Signature]

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803RESample wt/vol: 30.24 (g/mL) G Lab File ID: 6B15099.TX0% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

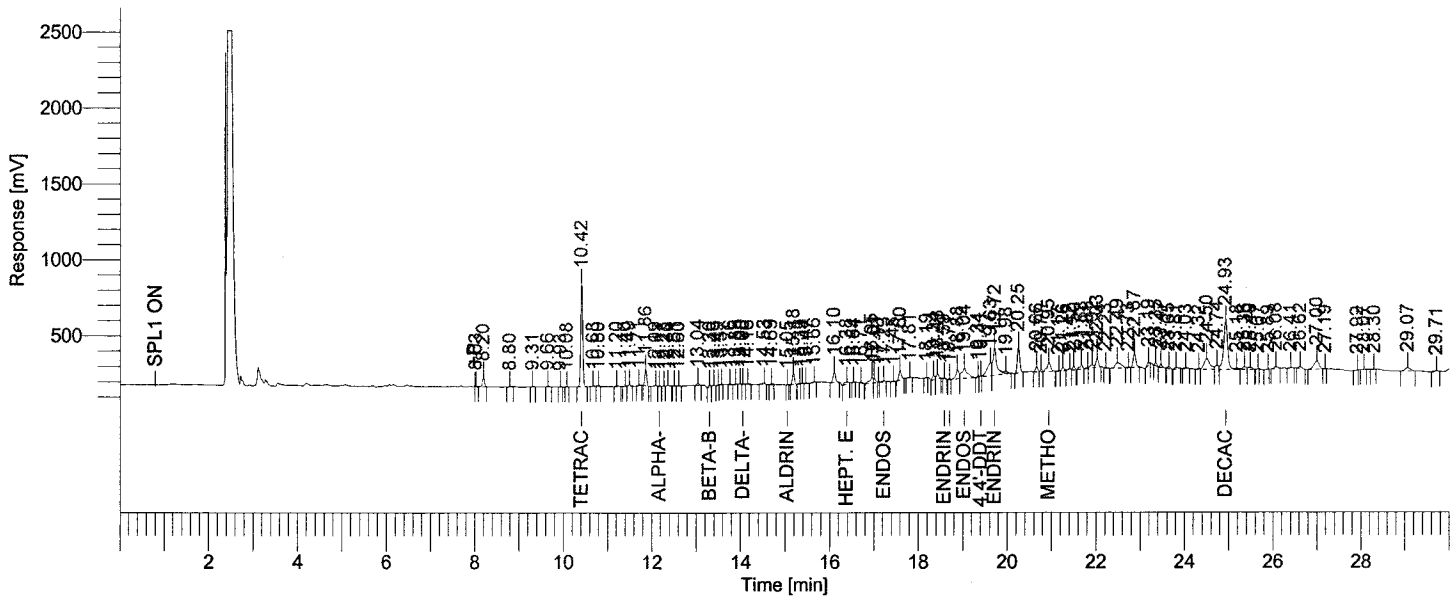
(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	1.9	U
319-84-6-----	alpha-BHC	0.66	J
319-85-7-----	beta-BHC	1.9	U
58-89-9-----	gamma-BHC (Lindane)	1.9	U
319-86-8-----	delta-BHC	1.9	U
57-74-9-----	Chlordane	19	U
72-54-8-----	4,4'-DDD	1.9	U
72-55-9-----	4,4'-DDE	1.9	U
50-29-3-----	4,4'-DDT	1.9	U
60-57-1-----	Dieldrin	1.9	U
959-98-8-----	Endosulfan I	1.9	U
33213-65-9----	Endosulfan II	1.9	U
1031-07-8-----	Endosulfan Sulfate	1.9	U
72-20-8-----	Endrin	1.9	U
7421-93-4-----	Endrin aldehyde	1.9	U
76-44-8-----	Heptachlor	1.9	U
1024-57-3-----	Heptachlor epoxide	1.9	U
72-43-5-----	Methoxychlor	1.9	U
8001-35-2-----	Toxaphene	19	U

Software Version : 6.2.1.0.104:0104 Date : 07/17/2008 07:25:15
 Reprocess Number : buf1938: 76912
 Operator : tchrom Sample Name : AS80008152
 Sample Number : A8798803RE Study : STA00201
 AutoSampler : BUILT-IN Rack/Vial : 1/99
 Instrument Name : HP6890-06 Channel : B
 Instrument Serial # : None A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 30.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 6000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/16/2008 14:30:57 Cycle : 10

Raw Data File : H:\TURBO6\6890-06\6b15099.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15099.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15099.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15099.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15099.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [µV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.03	9162		B	0.00916	3287.74
2	8.20	193530		V	0.19353	65620.18
3	8.80	19034		B	0.01903	4408.49
4	9.31	13402		B	0.01340	4678.96
5	9.66	20389		B	0.02039	6291.55
6	9.93	8888		B	0.00889	3167.38
8	10.42	2121550	Tetrachloro-m-xylene	B	0.01711	674501.74
9	10.68	17287		B	0.01729	3992.72
10	10.80	11092		V	0.01109	3505.64
11	11.20	31471		B	0.03147	6570.25
12	11.40	13095		B	0.01310	4273.71
13	11.49	31320		V	0.03132	9751.40
14	11.71	23685		B	0.02368	8010.35
15	11.86	320945		B	0.32095	104926.93
16	12.09	26639		B	0.02664	4905.10
17	12.17	8787	alpha-BHC	V	0.00169	3097.53
18	12.28	8800		B	0.00880	3076.37
19	12.36	18769		V	0.01877	4560.86
20	12.51	13289		B	0.01329	4869.10
21	12.60	12663		V	0.01266	3500.08
22	13.04	48956		B	0.04896	15250.47
23	13.30	43852	beta-BHC	B	2.53e-04	11436.05

7-23.08
JLB

07/17/2008 07:25:15 Result: H:\TURBO6\6890-06\6b15099.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
24	13.40	27776		V	0.02778	7145.34
25	13.49	11227		B	0.01123	3317.92
26	13.57	7412		V	0.00741	2276.75
27	13.76	10261		B	0.01026	2903.57
28	13.89	13874		B	0.01387	3979.90
29	13.99	19438		V	0.01944	6211.21
30	14.06	16549	delta-BHC	V	0.00179	4643.68
31	14.16	11699		V	0.01170	3361.90
32	14.53	51228		B	0.05123	11004.62
33	14.69	22777		B	0.02278	7578.81
35	15.18	244086		B	0.24409	78380.21
36	15.32	18597		B	0.01860	5453.05
37	15.39	15090		V	0.01509	4552.16
38	15.47	15900		V	0.01590	3902.67
39	15.66	25399		B	0.02540	6173.55
40	16.10	277444		B	0.27744	71869.86
41	16.38	82437	Hept. epoxide	B	0.00139	10860.98
43	16.71	24071		B	0.02407	6050.12
44	16.95	221533		B	0.22153	39367.39
45	17.01	92981		V	0.09298	28336.13
46	17.10	7857		V	0.00786	3510.34
47	17.23	31573	Endosulfan I	V	7.53e-04	5654.01
48	17.45	16579		B	0.01658	4331.68
49	17.60	226991		B	0.22699	59347.85
50	17.81	12104		B	0.01210	2923.09
52	18.34	102757		B	0.10276	25705.79
53	18.43	129388		V	0.12939	30897.65
54	18.59	18857	Endrin	B	0.00155	6362.87
56	18.88	271004		V	0.27100	58065.48
57	19.04	606416	Endosulfan II	V	0.00630	64228.41
58	19.34	21212		B	0.02121	7095.62
59	19.41	21883	4-HBT <i>W/OxgR</i>	V	0.00532	6086.91
60	19.63	622561		V	0.62256	83377.76
61	19.72	1070946	Endrin aldehyde	V	0.01451	174578.39
62	19.98	95062		E	0.09506	15384.37
63	20.25	657119		B	0.65712	169023.90
64	20.66	114688		B	0.11469	31356.25
65	20.77	38130		V	0.03813	14256.86
66	20.95	341854	Methoxychlor	V	0.01251	57769.11
67	21.17	10650		B	0.01065	3283.12
68	21.26	87227		V	0.08723	21944.46
69	21.42	61231		V	0.06123	13004.35
70	21.50	88012		V	0.08801	24157.79
71	21.68	130251		B	0.13025	27846.18
72	21.81	24823		V	0.02482	7380.99
73	21.92	117777		V	0.11778	19861.10
74	22.03	242510		V	0.24251	58051.56
75	22.23	18886		B	0.01889	5774.24
76	22.49	337175		B	0.33718	36321.93
77	22.73	11548		V	0.01155	3636.34
78	22.87	423846		B	0.42385	91957.33
79	23.19	60690		B	0.06069	14534.18
80	23.35	70079		B	0.07008	19753.23
81	23.47	63391		B	0.06339	17632.42
82	23.65	52573		B	0.05257	12206.85
83	23.81	60238		B	0.06024	12084.01
84	24.03	33736		B	0.03374	6669.32
85	24.32	24443		B	0.02444	5574.70
86	24.50	657467		V	0.65747	69137.96
87	24.74	164662		V	0.16466	28645.05
88	24.93	2016450	Decachlorobiphenyl	V	0.02043	317990.96
89	25.18	68749		E	0.06875	9147.24
90	25.36	114574		V	0.11457	17429.61
91	25.49	100034		V	0.10003	15303.23
93	25.89	9184		B	0.00918	1638.17
94	26.08	79520		B	0.07952	13096.28
95	26.41	25935		B	0.02594	5213.38
96	26.62	81157		B	0.08116	13352.71
97	27.00	455718		B	0.45572	54990.07
99	27.92	6469		B	0.00647	928.11

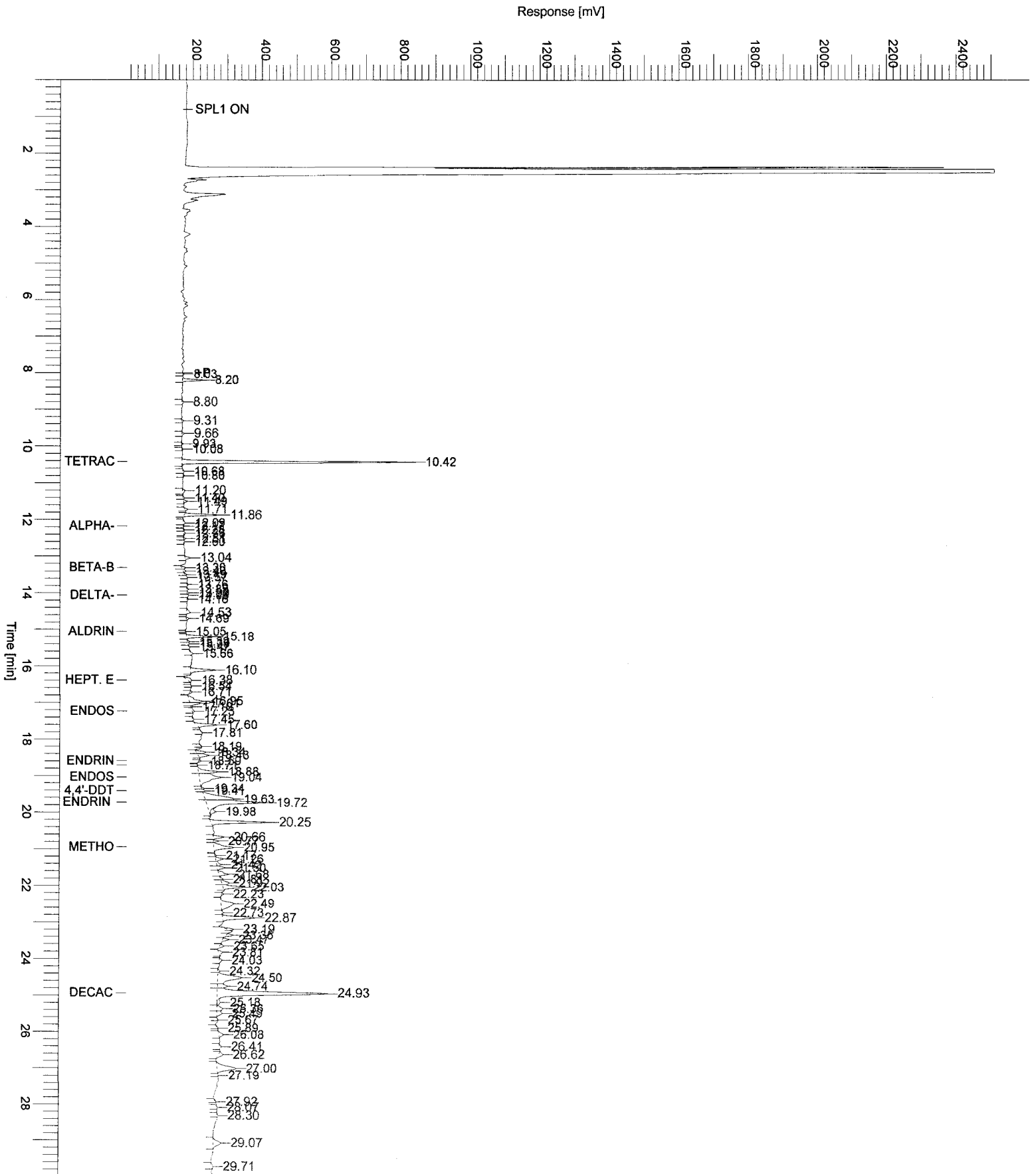
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07/17/2008 07:25:15 Result: H:\TURBO6\6890-06\6b15099.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
100	28.07	10170		B	0.01017	2283.86
101	28.30	6257		B	0.00626	1467.89
102	29.07	186969		B	0.18697	22194.45
103	29.71	26589		B	0.02659	4173.39
		14562358			8.26481	3.06e+06

Sample Name : AS80008152
FileName : H:\TURBO6\6890-06\6b15099.raw
Date : 07/17/2008 07:25:16
Method : 6890-6ins
Plot Offset: 10.00 mV

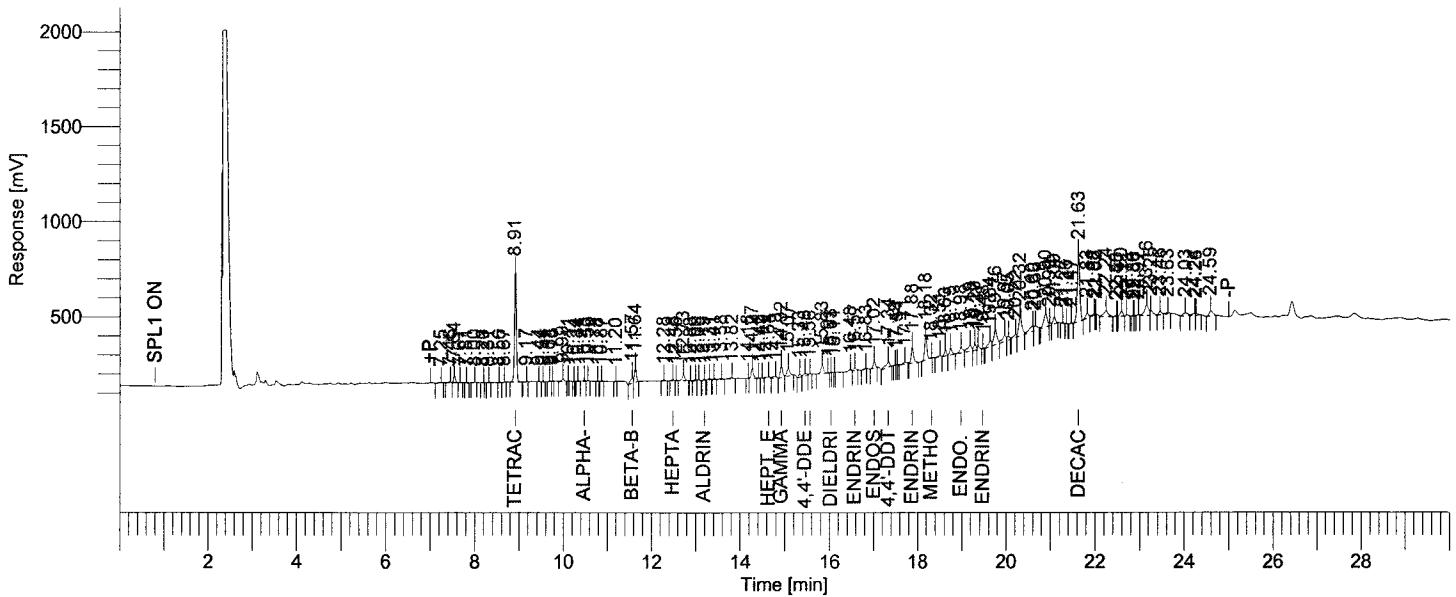
Sample #: A8798803RE
Page 1 of 1
Time of Injection: 07/16/2008 14:30:57
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2510.00 mV
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76911
 Operator : tchrom
 Sample Number : A8798803RE
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 14:30:57

Date : 07/17/2008 07:25:11
 Sample Name : AS80008152
 Study : STA00201
 Rack/Vial : 1/99
 Channel : A
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 10

Raw Data File : H:\TURBO6\6890-06\6a15099.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15099.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15099.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15099.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15099.rst
 Report Format File: h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.25	15686		B	0.01569	2667.69
2	7.46	14400		B	0.01440	2815.37
3	7.54	114848		V	0.11485	41052.05
4	7.67	6646		B	0.00665	2239.13
5	7.81	11982		B	0.01198	3838.07
6	8.00	7638		B	0.00764	1548.56
8	8.31	11737		B	0.01174	3293.06
9	8.56	7369		B	0.00737	3385.35
10	8.67	6997		B	0.00700	1907.87
11	8.91	1755317	Tetrachloro-m-xylene	B	0.01401	578998.66
12	9.17	12170		B	0.01217	3535.49
17	9.99	45690		B	0.04569	12821.20
20	10.34	6008		B	0.00601	1824.36
21	10.48	11242	alpha-BHC	V	5.08e-04	2652.70
22	10.56	11895		V	0.01190	3974.69
24	10.87	8380		B	0.00838	2543.18
26	11.57	126668	beta-BHC	B	5.13e-04	29890.16
27	11.64	244325		V	0.24432	77378.51
28	12.28	16692		B	0.01669	5109.47
29	12.48	20150	Heptachlor	B	3.41e-04	6061.27
31	12.73	143280		V	0.14328	33089.98
33	12.99	25580		B	0.02558	6113.70

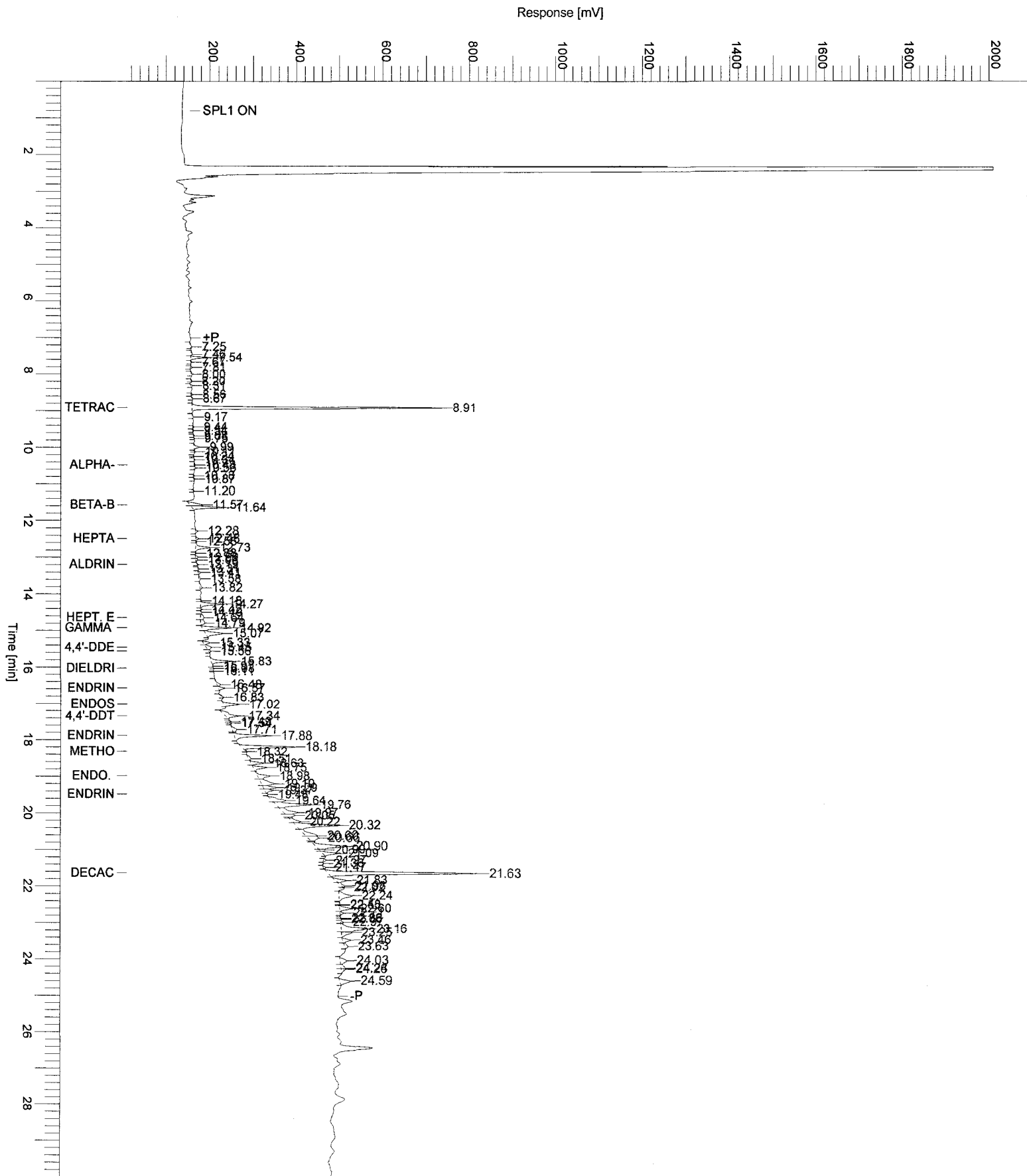
07/17/2008 07:25:11 Result: H:\TURBO6\6890-06\6a15099.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
34	13.06	14282		V	0.01428	4533.33
36	13.31	9390		B	0.00939	2864.11
37	13.41	17134		B	0.01713	5368.44
38	13.58	22427		V	0.02243	3984.88
39	13.82	33087		V	0.03309	4754.28
41	14.27	185450		V	0.18545	50646.33
43	14.49	10365		V	0.01036	2799.41
44	14.64	52475	Hept-epoxide	V	-3.8e-04	7158.19
45	14.79	64366		V	0.06437	9161.11
46	14.92	232983	gamma-chlordane	B	0.00158	65487.79
47	15.07	200081		V	0.20008	40581.90
48	15.33	59176		B	0.05917	14906.63
49	15.45	66700	4,4'-DDE	V	0.00150	11411.89
50	15.56	14188	Endosulfan I	V	-1.1e-03	4257.07
51	15.83	181491		B	0.18149	45826.53
55	16.48	38696		B	0.03870	8380.04
56	16.57	51950	Endrin	V	9.74e-04	14500.42
57	16.83	10768		B	0.01077	1870.18
58	17.02	127978	Endosulfan II	B	3.85e-04	35159.72
59	17.34	183840	4,4'-DDT	B	0.00584	28834.36
60	17.49	6116		B	0.00612	2663.13
61	17.54	6791		V	0.00679	2792.11
62	17.71	62262		V	0.06226	10265.22
63	17.88	331396	Endrin-aldehyde <i>wrong BT</i>	V	0.00207	84359.41
64	18.18	449912		B	0.44991	124742.81
66	18.51	34920		B	0.03492	5927.65
67	18.63	106764		V	0.10676	29410.36
68	18.75	127411		V	0.12741	31078.66
69	18.98	144783	Endo-Sulfate	V	9.61e-04	27947.50
70	19.19	205954		V	0.20595	30256.28
71	19.29	122477		V	0.12248	31654.51
72	19.37	66525		V	0.06653	19403.08
74	19.64	176851		B	0.17685	31864.35
75	19.76	396266		V	0.39627	80961.73
76	19.97	208710		V	0.20871	33881.82
77	20.05	78515		V	0.07852	19626.76
78	20.22	96966		V	0.09697	18237.40
79	20.32	506250		V	0.50625	100589.30
80	20.60	195282		V	0.19528	26773.72
81	20.66	146395		V	0.14639	24923.95
82	20.90	392275		V	0.39227	70241.34
83	20.99	32391		V	0.03239	13154.24
84	21.09	142459		V	0.14246	35409.78
85	21.27	19447		B	0.01945	5908.49
87	21.47	16720		B	0.01672	5742.27
88	21.63	1371416	Decachlorobiphenyl	B	0.01316	348584.79
89	21.83	115888		B	0.11589	26071.75
90	21.98	42902		V	0.04290	8177.85
92	22.24	212496		B	0.21250	30333.85
93	22.48	7349		B	0.00735	2082.99
95	22.60	122293		V	0.12229	25304.22
96	22.71	26332		V	0.02633	7669.46
99	22.97	20124		V	0.02012	5274.00
100	23.16	382172		V	0.38217	58122.78
101	23.25	109678		V	0.10968	23839.70
102	23.46	80415		B	0.08042	18019.18
103	23.63	52568		V	0.05257	7874.08
104	24.03	109885		B	0.10988	15474.09
105	24.24	53952		V	0.05395	10650.84
106	24.26	37658		V	0.03766	10373.12
107	24.59	142991		B	0.14299	25463.80
					6.71279	2.68e+06
11163483						

Sample Name : AS80008152
File Name : H:\TURBO6\6890-06\6a15099.raw
Date : 07/17/2008 07:25:13
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: A8798803RE Page 1 of 1

Time of Injection: 07/16/2008 14:30:57
End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Scale: 2000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 30.07 (g/mL) G Lab File ID: 6B15102.TX0% Moisture: 16 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

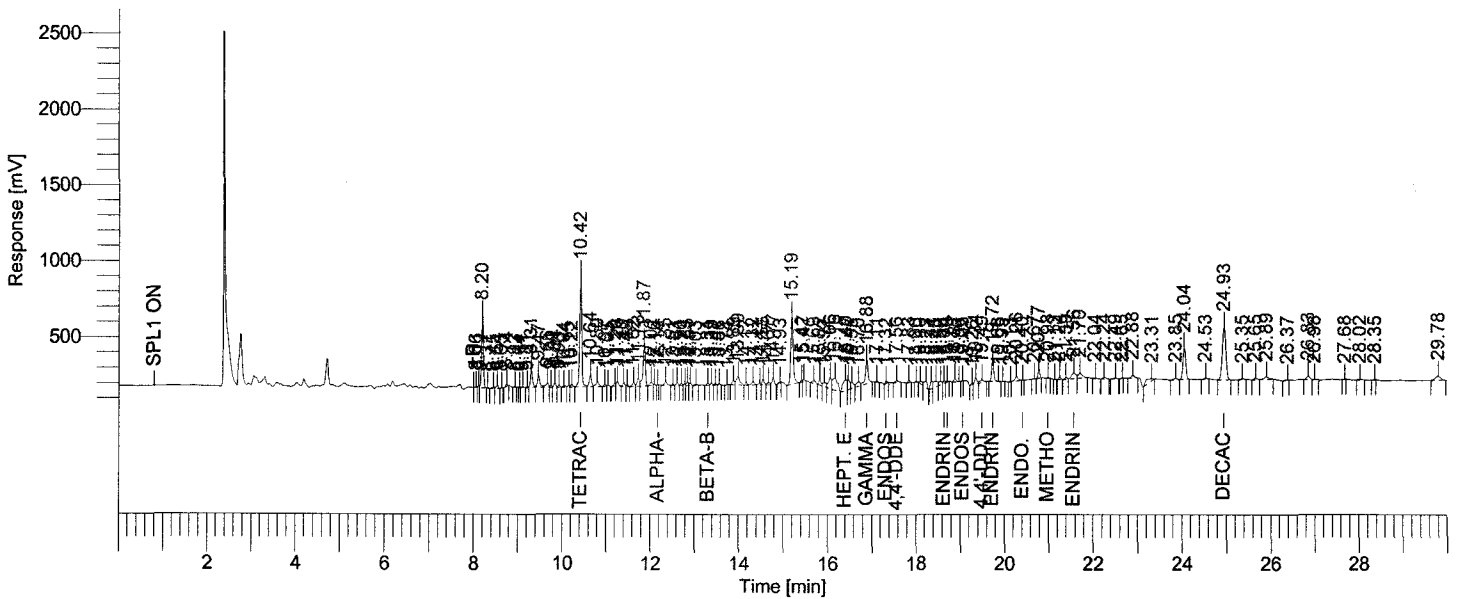
Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2	Aldrin	2.0	U
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
319-86-8	delta-BHC	2.0	U
57-74-9	Chlordane	20	U
72-54-8	4,4'-DDD	2.0	U
72-55-9	4,4'-DDE	2.0	U
50-29-3	4,4'-DDT	2.0	U
60-57-1	Dieldrin	2.0	U
959-98-8	Endosulfan I	2.0	U
33213-65-9	Endosulfan II	2.0	U
1031-07-8	Endosulfan Sulfate	2.0	U
72-20-8	Endrin	0.75	J
7421-93-4	Endrin aldehyde	2.0	U
76-44-8	Heptachlor	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
72-43-5	Methoxychlor	2.0	U
8001-35-2	Toxaphene	20	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76918
 Operator : tchrom
 Sample Number : A8798804
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 16:12:22

Date : 07/17/2008 07:25:33
 Sample Name : AS80007810
 Study : STA00201
 Rack/Vial : 1/2
 Channel : B
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 13

Raw Data File : H:\TURBO6\6890-06\6b15102.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15102.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15102.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15102.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15102.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.06	19764		B	0.01976	6877.99
2	8.11	32250		V	0.03225	13168.26
3	8.20	1364120		V	1.36412	471868.79
4	8.31	8194		B	0.00819	3542.43
5	8.45	37903		B	0.03790	9215.68
6	8.54	77853		V	0.07785	18030.36
7	8.63	14032		B	0.01403	5954.96
8	8.74	37003		B	0.03700	12418.18
11	9.11	16667		V	0.01667	5354.46
12	9.21	27904		B	0.02790	9312.90
13	9.31	393615		V	0.39361	113759.15
14	9.47	276708		V	0.27671	71902.08
15	9.66	119358		V	0.11936	24033.32
16	9.74	37415		V	0.03742	11865.61
17	9.84	91840		V	0.09184	29220.84
18	9.93	36051		V	0.03605	12591.90
19	10.04	38795		B	0.03880	8314.12
20	10.15	36492		V	0.03649	10535.46
21	10.22	56908		V	0.05691	16189.00
22	10.42	2428949	Tetrachloro-m-xylene	B	0.01948	731741.11
23	10.64	285717		V	0.28572	75002.35
24	10.80	149191		V	0.14919	30979.88

7-23-08
 DJB

07/17/2008 07:25:33 Result: H:\TURBO6\6890-06\6b15102.rst

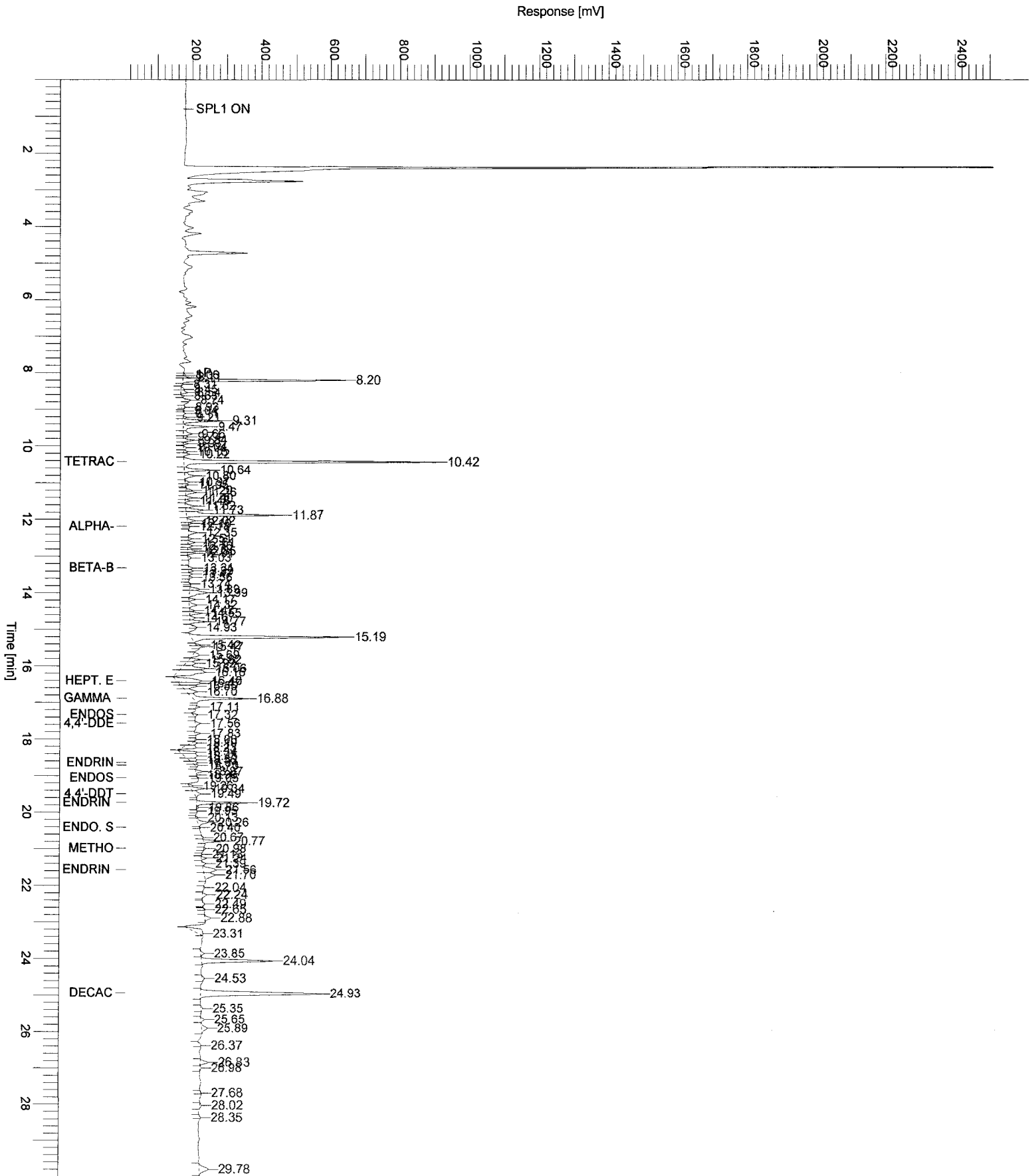
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
25	10.97	39241		B	0.03924	11253.41
26	11.05	17767		V	0.01777	6531.45
27	11.20	49859		B	0.04986	17744.77
28	11.26	116684		V	0.11668	29812.73
29	11.40	70736		V	0.07074	21333.59
30	11.48	37017		V	0.03702	12779.96
31	11.62	112535		B	0.11254	27740.84
32	11.73	197521		V	0.19752	49839.79
33	11.87	1002064		V	1.00206	276555.13
34	12.02	83552		B	0.08355	21325.02
35	12.10	20242		V	0.02024	7794.97
37	12.35	97115		B	0.09711	24336.82
38	12.51	28620		B	0.02862	10150.85
39	12.61	64051		V	0.06405	19483.08
40	12.70	42424		V	0.04242	13072.82
41	12.79	33891		V	0.03389	12537.43
42	12.85	75820		V	0.07582	22533.42
43	12.91	52696		V	0.05270	18052.14
44	13.03	33741		B	0.03374	8010.71
45	13.31	47401	beta-BHC	B	3.03e-04	14506.12
46	13.39	42788		V	0.04279	12804.49
47	13.47	26189		V	0.02619	9267.34
48	13.56	23763		V	0.02376	8562.27
50	13.89	114791		B	0.11479	27391.02
51	13.99	296485		V	0.29648	51332.13
52	14.17	56044		B	0.05604	17822.29
53	14.32	106163		V	0.10616	22391.91
54	14.47	45795		V	0.04579	13051.08
55	14.55	114736		V	0.11474	32797.32
56	14.67	65234		V	0.06523	14108.63
57	14.77	148502		V	0.14850	45213.23
58	14.93	18033		B	0.01803	3619.44
59	15.19	1750180		B	1.75018	444457.93
60	15.42	29557		B	0.02956	11855.54
61	15.47	43097		V	0.04310	15072.96
62	15.69	103044		B	0.10304	18168.61
63	15.82	119903		B	0.11990	33295.65
64	15.92	155669		V	0.15567	28649.21
65	16.06	347075		V	0.34707	72328.43
66	16.16	647963		V	0.64796	79976.10
67	16.40	473267	Hept-epoxide	V	0.00424	71475.93
68	16.47	252005		V	0.25201	61624.08
69	16.55	190198		V	0.19020	43424.69
70	16.70	172308		V	0.17231	29994.23
71	16.88	637769	gamma-chlordane <i>wrong R.T</i>	V	0.00577	154762.51
72	17.11	28235		B	0.02823	10420.80
73	17.32	38889	Endosulfan I	B	8.14e-04	11755.50
74	17.56	55803	4,4'-DDE	B	0.00244	12861.13
75	17.83	47447		B	0.04745	15177.19
76	18.00	12271		B	0.01227	4197.56
77	18.10	85024		B	0.08502	15069.42
78	18.23	220429		V	0.22043	41267.95
79	18.34	184653		B	0.18465	47621.52
80	18.45	263908		V	0.26391	37015.62
81	18.56	113421		V	0.11342	21683.60
82	18.64	58711	Endrin	V	0.00191	15186.69
83	18.70	28296	4,4'-DDD <i>wrong</i>	V	9.07e-04	8105.90
84	18.87	72451		B	0.07245	20184.26
85	18.96	6089		E	0.00609	2995.10
87	19.26	31547		B	0.03155	10377.66
88	19.34	145771		V	0.14577	38083.61
89	19.49	116102	4,4'-DDT	V	0.00638	17925.16
90	19.72	487324	Endrin aldehyde	B	0.00669	147231.80
91	19.86	20776		E	0.02078	5723.66
93	20.13	14171		B	0.01417	5169.24
94	20.26	160191		V	0.16019	30703.79
96	20.67	8918		B	0.00892	3294.61
97	20.77	173587		B	0.17359	59600.84
98	20.98	14885	Methoxychlor	B	0.00469	5237.32
100	21.24	49144		B	0.04914	15001.36
101	21.39	43241		B	0.04324	10223.16
102	21.56	259657	Endrin ketone	V	0.00409	36453.52
103	21.70	213317		V	0.21332	32039.47
104	22.04	18817		B	0.01882	4099.37

07/17/2008 07:25:33 Result: H:\TURBO6\6890-06\6b15102.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
105	22.24	58171		B	0.05817	10942.54
106	22.49	29626		B	0.02963	5992.72
108	22.88	83918		B	0.08392	16305.45
109	23.31	262537		B	0.26254	12159.54
110	23.85	48977		B	0.04898	10090.48
111	24.04	907489		B	0.90749	206115.16
112	24.53	30496		B	0.03050	5716.48
113	24.93	1927579	Decachlorobiphenyl	B	0.01952	345413.12
114	25.35	27253		B	0.02725	4877.86
115	25.65	48189		B	0.04819	10350.63
116	25.89	124155		V	0.12415	16462.47
117	26.37	16129		B	0.01613	1571.19
118	26.83	118542		B	0.11854	22984.17
119	26.98	15758		V	0.01576	3452.46
121	28.02	26997		B	0.02700	4721.40
123	29.78	224450		B	0.22445	26243.71
		20713606			14.21623	5.03e+06

Sample Name : AS80007810
FileName : H:\TURBO6\6890-06\6b15102.raw
Date : 07/17/2008 07:25:34
Method : 6890-6ins
Plot Offset : 10.00 mV

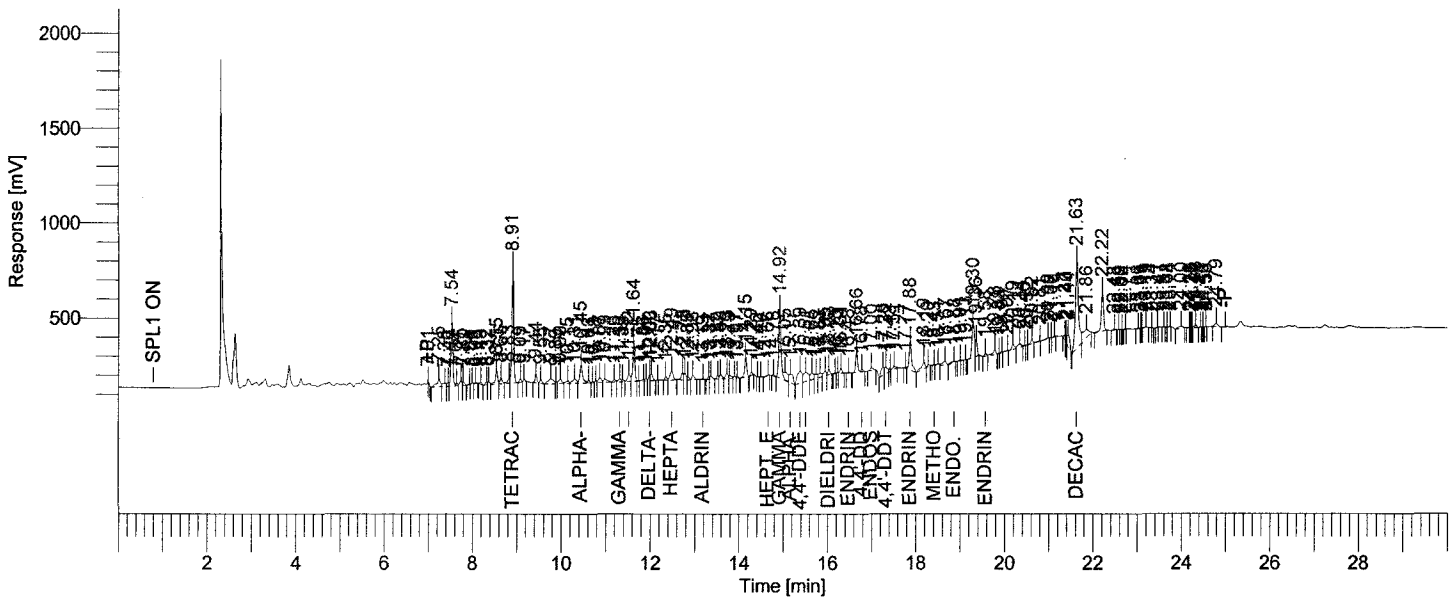
Sample #: A8798804 Page 1 of 1
Time of Injection: 07/16/2008 16:12:22
Start Time : 0.00 min End Time : 30.00 min
Low Point : 10.00 mV High Point : 2510.00 mV
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76917
 Operator : tchrom
 Sample Number : A8798804
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 16:12:22

Date : 07/17/2008 07:25:29
 Sample Name : AS80007810
 Study : STA00201
 Rack/Vial : 1/2
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 13

Raw Data File : H:\TURBO6\6890-06\6a15102.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15102.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15102.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15102.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15102.rst
 Report Format File: h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.01	7376		B	0.00738	3910.13
2	7.25	248548		B	0.24855	39928.89
3	7.38	106761		V	0.10676	17711.53
4	7.46	55349		V	0.05535	18030.98
5	7.54	993518		V	0.99352	335158.03
6	7.64	39056		E	0.03906	9581.36
7	7.75	94572		V	0.09457	24966.05
8	7.80	57742		V	0.05774	18344.75
9	7.94	12599		B	0.01260	3802.10
10	8.00	24008		V	0.02401	8192.39
11	8.08	13358		V	0.01336	4578.62
12	8.19	30108		B	0.03011	10298.03
13	8.32	50303		B	0.05030	15094.72
14	8.37	53045		V	0.05305	14638.18
15	8.55	255625		V	0.25563	71715.83
16	8.65	106161		V	0.10616	28350.35
17	8.83	104125		V	0.10413	29395.45
18	8.91	1873261	Tetrachloro-m-xylene	V	0.01491	609464.33
19	9.09	53753		B	0.05375	16948.48
20	9.17	35464		V	0.03546	12895.07
21	9.44	128810		B	0.12881	42923.14
22	9.55	73514		V	0.07351	18906.02

07/17/2008 07:25:29 Result: H:\TURBO6\6890-06\6a15102.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
23	9.77	234239		B	0.23424	26788.18
24	9.89	27130		V	0.02713	11210.07
25	9.99	134420		V	0.13442	25547.05
26	10.15	68901		V	0.06890	14396.91
27	10.31	153383		V	0.15338	23397.88
28	10.45	448206	alpha-BHC	V	0.00269	96102.19
29	10.63	47246		E	0.04725	12244.07
30	10.71	24802		V	0.02480	8407.74
31	10.78	28538		V	0.02854	9566.15
32	10.87	113279		V	0.11328	23410.29
33	10.99	101495		V	0.10150	16988.35
34	11.20	55080		B	0.05508	12308.83
35	11.32	64984	gamma-BHC	V	6.36e-04	15119.48
36	11.39	34535		V	0.03453	10835.07
37	11.52	171352	beta-BHC <i>w/long RT</i>	V	0.00116	35476.97
38	11.64	644221		V	0.64422	202519.95
39	11.75	9712		V	0.00971	3082.28
40	11.86	36568		V	0.03657	9032.73
41	11.91	39211		V	0.03921	12177.25
42	12.00	74434	delta-BHC	V	0.00157	31020.65
43	12.03	132927		V	0.13293	35156.55
45	12.35	56028		B	0.05603	17174.80
46	12.49	237229	Heptachlor	V	0.00164	44189.11
47	12.73	140917		V	0.14092	35445.33
48	12.78	126776		V	0.12678	35164.07
49	12.85	51301		V	0.05130	16176.98
50	12.96	91589		V	0.09159	22364.98
51	13.19	7361	Aldrin	B	3.79e-04	2158.99
52	13.32	36333		B	0.03633	14824.34
53	13.37	73798		V	0.07380	17963.93
54	13.52	52642		V	0.05264	17394.09
55	13.59	98424		V	0.09842	22361.49
56	13.73	122928		V	0.12293	26921.21
57	13.79	65054		V	0.06505	15786.56
58	13.91	35947		V	0.03595	10656.93
59	13.97	24781		V	0.02478	8776.80
60	14.15	340268		B	0.34027	101289.65
61	14.29	44752		B	0.04475	14995.10
64	14.66	10141	Hept. epoxide	B	-6.9e-04	2952.56
65	14.78	23897		B	0.02390	7883.75
66	14.92	1296688	gamma-chlordane	B	0.00883	356700.86
67	15.05	284746		E	0.28475	40021.00
68	15.17	306006	alpha-chlordane	V	0.00216	43552.61
69	15.39	473047	4,4'-DDE <i>w/long RT</i>	B	0.00440	63037.78
70	15.51	405043	Endosulfan <i>w/long RT</i>	V	0.00200	48628.83
71	15.65	193140		V	0.19314	36499.31
72	15.75	98291		V	0.09829	22644.21
73	15.83	121737		V	0.12174	21537.49
74	15.95	110613		V	0.11061	24158.77
75	16.03	90463	Dieldrin	V	7.63e-04	25618.82
77	16.23	17434		V	0.01743	7745.40
78	16.31	81113		V	0.08111	23560.60
79	16.48	8055	Endrin	B	6.32e-04	2392.61
80	16.66	359061		B	0.35906	107815.47
81	16.78	40632	4,4'-DDD <i>w/long RT</i>	E	7.62e-04	11018.77
82	17.00	69587	Endosulfan II	B	-1.3e-04	14459.49
83	17.26	212313		B	0.21231	43001.63
84	17.32	168821	4,4'-DDT <i>w/long RT</i>	V	0.00570	35976.49
85	17.43	35417		V	0.03542	11645.25
86	17.51	75268		V	0.07527	13357.08
87	17.77	14608		B	0.01461	6216.80
88	17.88	597599	Endrin aldehyde <i>w/long RT</i>	V	0.00538	150950.58
89	18.19	197438		B	0.19744	33825.32
90	18.29	31039		V	0.03104	9056.18
92	18.51	32613		V	0.03261	6813.54
93	18.67	114069		V	0.11407	17289.35
94	18.88	41042	Endo-Sulfate	B	-9.4e-05	2492.55
97	19.30	721256		B	0.72126	187199.55
98	19.36	225172		V	0.22517	83232.25
99	19.58	48015	Endrin ketone	B	1.64e-04	13074.28
100	19.78	126632		V	0.12663	25982.35
102	19.94	12973		V	0.01297	4710.97
103	20.07	27442		V	0.02744	3639.55
104	20.19	109509		V	0.10951	24705.67

07/17/2008 07:25:29 Result: H:\TURBO6\6890-06\6a15102.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
105	20.34	106652		V	0.10665	18349.86
106	20.46	12715		V	0.01272	3673.35
108	20.62	78493		V	0.07849	20054.01
109	20.81	18479		V	0.01848	2235.89
110	20.99	23510		V	0.02351	4862.29
112	21.14	9041		V	0.00904	4000.52
113	21.37	74756		B	0.07476	29694.43
114	21.40	72122		V	0.07212	42991.80
115	21.44	278288		V	0.27829	62716.91
116	21.63	2243634	Decachlorobiphenyl	B	0.02152	456613.21
117	21.86	432914		V	0.43291	42022.91
118	22.22	760895		B	0.76089	201641.90
119	22.48	14976		B	0.01498	3932.02
123	23.03	10827		B	0.01083	2790.64
126	23.19	14305		V	0.01431	3283.39
132	24.00	75120		B	0.07512	10583.72
133	24.18	6255		B	0.00625	2859.17
137	24.33	56214		V	0.05621	12619.48
141	24.79	99496		B	0.09950	20909.37
		19837462			11.23618	4.89e+06

Sample Name : AS80007810

Sample # : A8798804

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15102.raw

Date : 07/17/2008 07:25:30

Method : 6890-6ins

Time of Injection: 07/16/2008 16:12:22

Start Time : 0.00 min

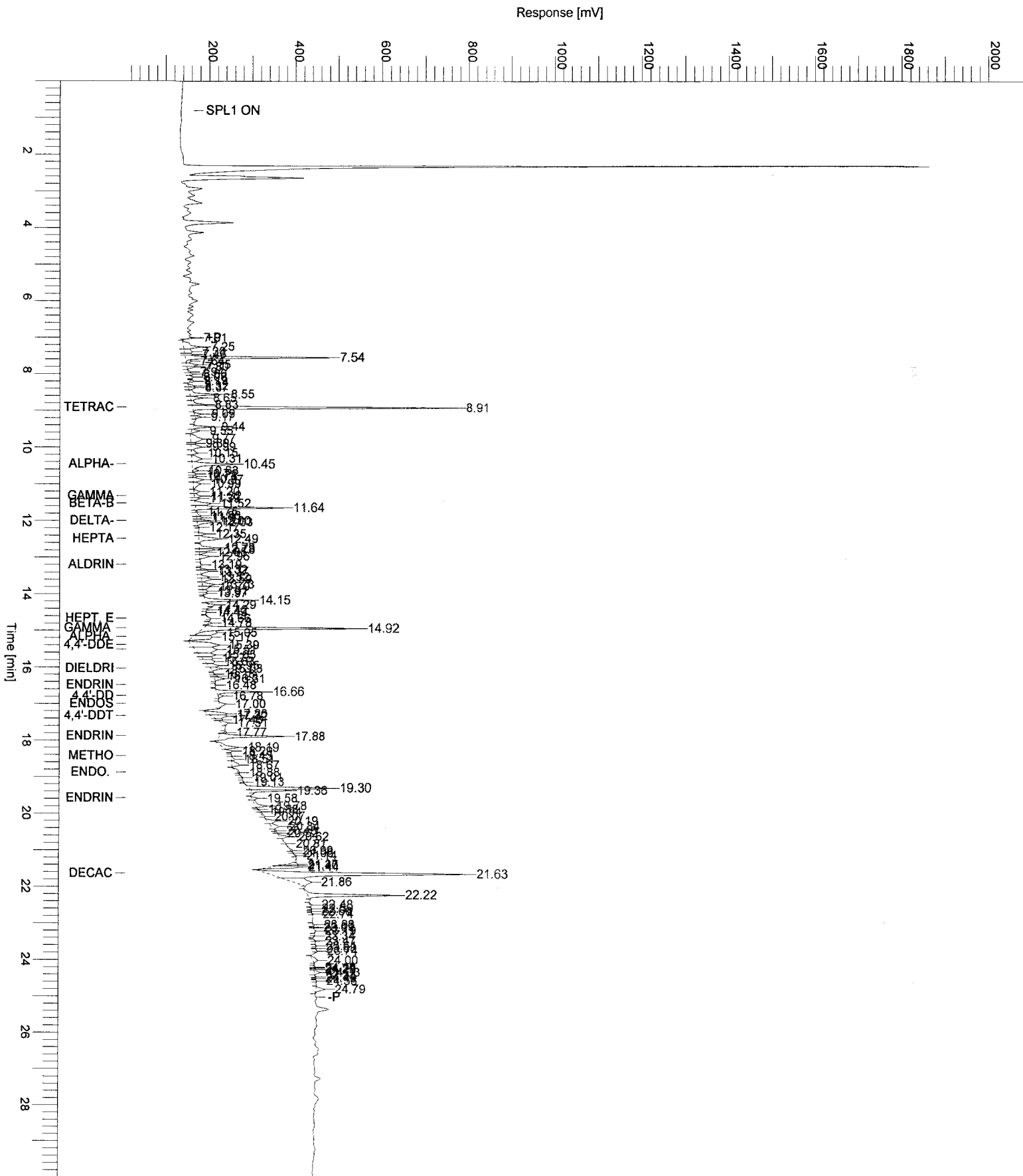
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 2000.0 mV



LABELLA ASSOCIATES
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 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804RESample wt/vol: 30.55 (g/mL) G Lab File ID: 6B15100.TX0% Moisture: 16 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

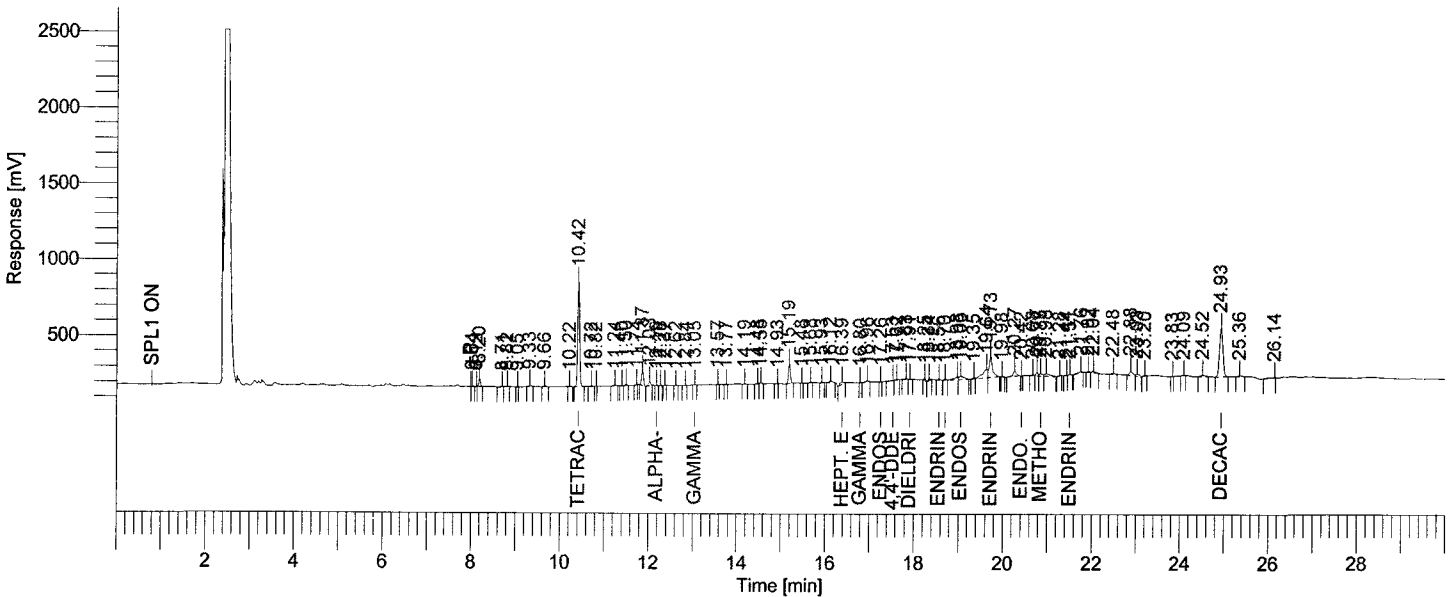
Q

CAS NO.	COMPOUND		
309-00-2-----	Aldrin	2.0	U
319-84-6-----	alpha-BHC	2.0	U
319-85-7-----	beta-BHC	2.0	U
58-89-9-----	gamma-BHC (Lindane)	2.0	U
319-86-8-----	delta-BHC	2.0	U
57-74-9-----	Chlordane	20	U
72-54-8-----	4,4'-DDD	2.0	U
72-55-9-----	4,4'-DDE	0.79	J
50-29-3-----	4,4'-DDT	2.0	U
60-57-1-----	Dieldrin	0.65	J
959-98-8-----	Endosulfan I	2.0	U
33213-65-9----	Endosulfan II	2.0	U
1031-07-8-----	Endosulfan Sulfate	2.0	U
72-20-8-----	Endrin	2.0	U
7421-93-4-----	Endrin aldehyde	2.0	U
76-44-8-----	Heptachlor	2.0	U
1024-57-3-----	Heptachlor epoxide	2.0	U
72-43-5-----	Methoxychlor	2.0	U
8001-35-2-----	Toxaphene	20	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76914
 Operator : tchrom
 Sample Number : A8798804RE
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 15:04:46

Date : 07/17/2008 07:25:21
 Sample Name : AS80008153
 Study : STA00201
 Rack/Vial : 1/100
 Channel : B
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 11

Raw Data File : H:\TURBO6\6890-06\6b15100.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15100.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15100.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15100.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15100.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.04	9333		B	0.00933	3217.98
3	8.20	130952		V	0.13095	46772.64
4	8.71	15418		B	0.01542	2293.69
5	8.82	22921		V	0.02292	5141.71
7	9.33	42776		B	0.04278	11364.45
8	9.66	27048		B	0.02705	7871.81
9	10.22	9535		B	0.00953	3183.57
10	10.42	2160964	Tetrachloro-m-xylene	B	0.01742	681739.68
11	10.72	16831		B	0.01683	3673.20
13	11.24	35459		B	0.03546	6851.91
14	11.40	12867		B	0.01287	4938.80
15	11.50	29356		B	0.02936	10125.34
16	11.74	6413		B	0.00641	2565.24
17	11.87	310753		B	0.31075	100417.50
18	12.03	86229		B	0.08623	24719.97
24	13.05	7139	gamma-BHC	B	0.00119	2281.77
27	14.19	9783		B	0.00978	2532.99
28	14.48	17372		B	0.01737	5107.25
29	14.55	24910		V	0.02491	7476.95
31	15.19	394726		B	0.39473	126416.32
33	15.68	8775		B	0.00878	2265.60
34	15.93	12100		B	0.01210	4181.87

7-23-08
 WJB

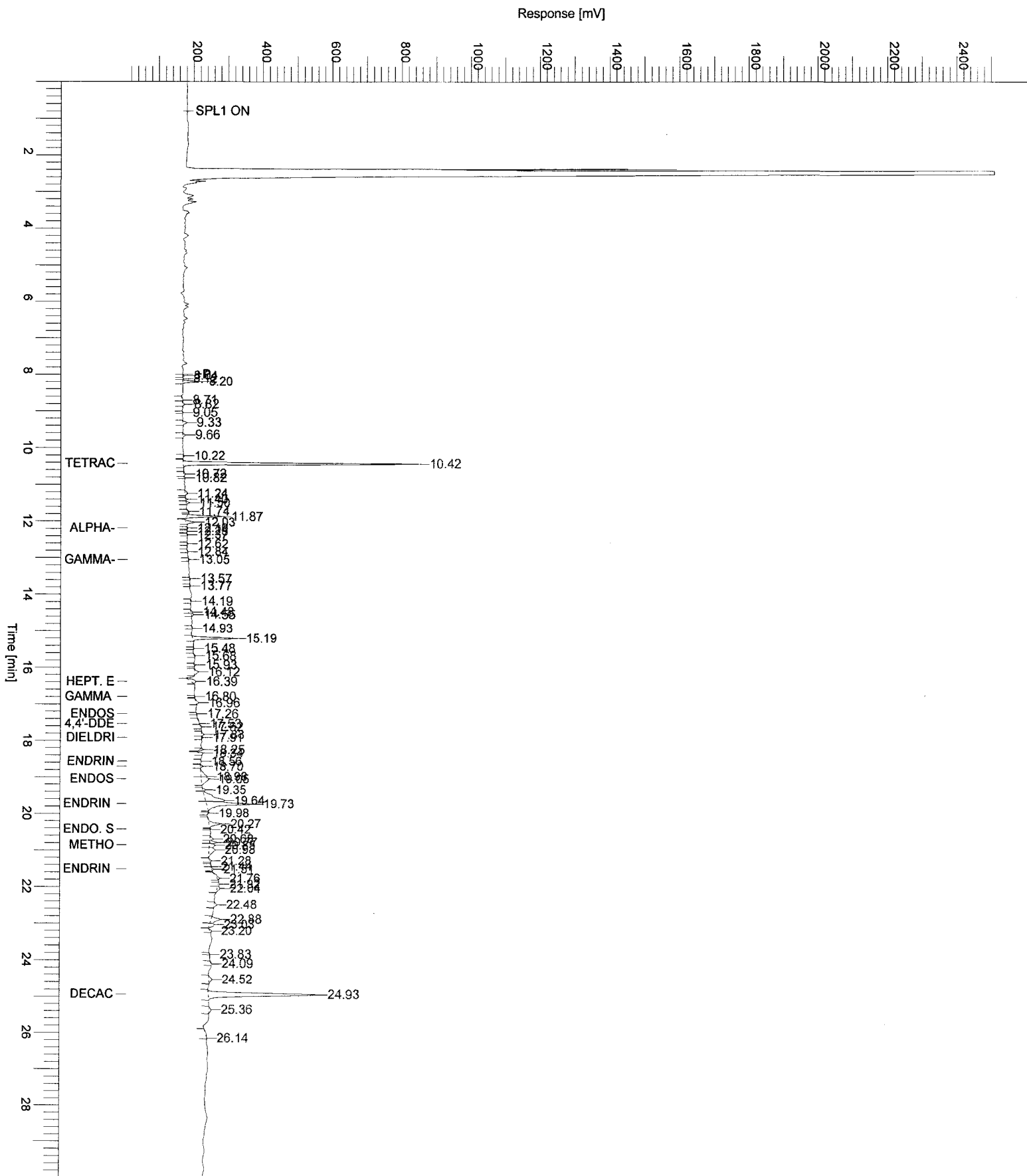
07/17/2008 07:25:21 Result: H:\TURBO6\6890-06\6b15100.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
35	16.12	58807		B	0.05881	11061.25
36	16.39	94179	Hept. epoxide	B	0.00148	13662.28
38	16.96	32686		B	0.03269	7055.76
40	17.53	6137	4,4'-DDE	B	0.00204	683.71
41	17.62	16042		B	0.01604	3920.67
42	17.83	27408		B	0.02741	7043.13
43	17.91	8526	Dieldrin	V	0.00166	2830.23
44	18.25	34864		B	0.03486	12009.79
45	18.34	38713		B	0.03871	11068.46
46	18.56	13441	Endrin	B	0.00150	3170.66
47	18.70	24878	4,4'-DDD <i>w/long RT</i>	B	8.73e-04	7647.16
48	18.98	113359		V	0.11336	16874.64
49	19.05	185874	Endosulfan II	V	0.00213	21946.58
50	19.35	28244		B	0.02824	8466.30
51	19.64	467930		V	0.46793	54185.42
52	19.73	711249	Endrin aldehyde	V	0.00969	136645.96
54	20.27	164622		B	0.16462	33241.77
56	20.68	35552		B	0.03555	8788.18
57	20.77	73582		V	0.07358	21351.21
58	20.85	84709	Methoxychlor	V	0.00636	15925.68
59	20.98	149614		V	0.14961	17141.57
60	21.28	13959		B	0.01396	3657.26
62	21.51	16829	Endrin ketone	V	0.00158	5198.28
63	21.76	50887		B	0.05089	7519.77
64	21.92	19332		B	0.01933	3771.65
65	22.04	54637		V	0.05464	8884.24
66	22.48	37612		B	0.03761	7218.07
67	22.88	165043		B	0.16504	26961.91
68	23.03	78783		V	0.07878	13268.29
69	23.20	22069		B	0.02207	4563.94
71	24.09	8729		B	0.00873	2007.82
72	24.52	58557		B	0.05856	8866.67
73	24.93	1740225	Decachlorobiphenyl	B	0.01759	316320.92
74	25.36	37818		B	0.03782	6097.99
75	26.14	20570		B	0.02057	679.09
					3.09649	1.89e+06
8087125						

Sample Name : AS80008153
FileName : H:\TURBO6\6890-06\6b15100.raw
Date : 07/17/2008 07:25:22
Method : 6890-6ins

Sample #: A8798804RE Page 1 of 1

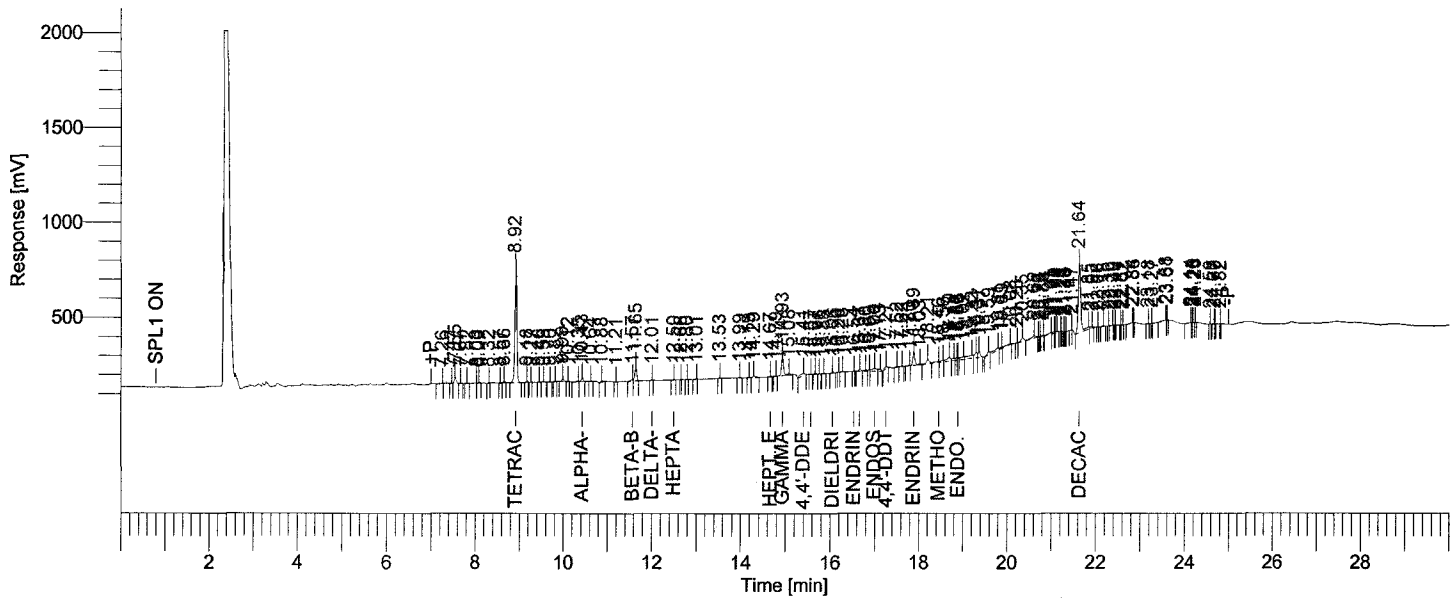
Time of Injection: 07/16/2008 15:04:46
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2510.00 mV
Plot Offset: 10.00 mV Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76913
 Operator : tchrom
 Sample Number : A8798804RE
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 15:04:46

Date : 07/17/2008 07:25:18
 Sample Name : AS80008153
 Study : STA00201
 Rack/Vial : 1/100
 Channel : A
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 11

Raw Data File : H:\TURBO6\6890-06\6a15100.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15100.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15100.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15100.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15100.rst
 Report Format File: h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.26	9346		B	0.00935	1146.69
2	7.47	6878		B	0.00688	2954.67
3	7.55	95597		V	0.09560	31103.30
5	7.82	12700		B	0.01270	4277.80
6	8.03	15879		B	0.01588	2329.59
7	8.09	12451		V	0.01245	3186.18
8	8.32	6251		B	0.00625	1965.00
10	8.66	16486		B	0.01649	6214.32
11	8.92	1825302	Tetrachloro-m-xylene	B	0.01454	595809.85
12	9.18	10476		B	0.01048	4180.90
15	9.55	11120		V	0.01112	2914.15
18	9.99	39359		B	0.03936	12154.69
20	10.35	31560		B	0.03156	3875.30
21	10.43	61854	alpha-BHC	V	7.61e-04	18915.92
23	10.88	26828		B	0.02683	6058.59
25	11.57	39513	beta-BHC	B	-7.6e-04	9037.15
26	11.65	221150		V	0.22115	71402.05
28	12.50	10651	Heptachlor	B	2.84e-04	3335.81
33	13.99	9126		B	0.00913	3093.40
34	14.19	6087		B	0.00609	2214.63
35	14.29	35707		V	0.03571	7861.46
37	14.79	6382		B	0.00638	2280.10

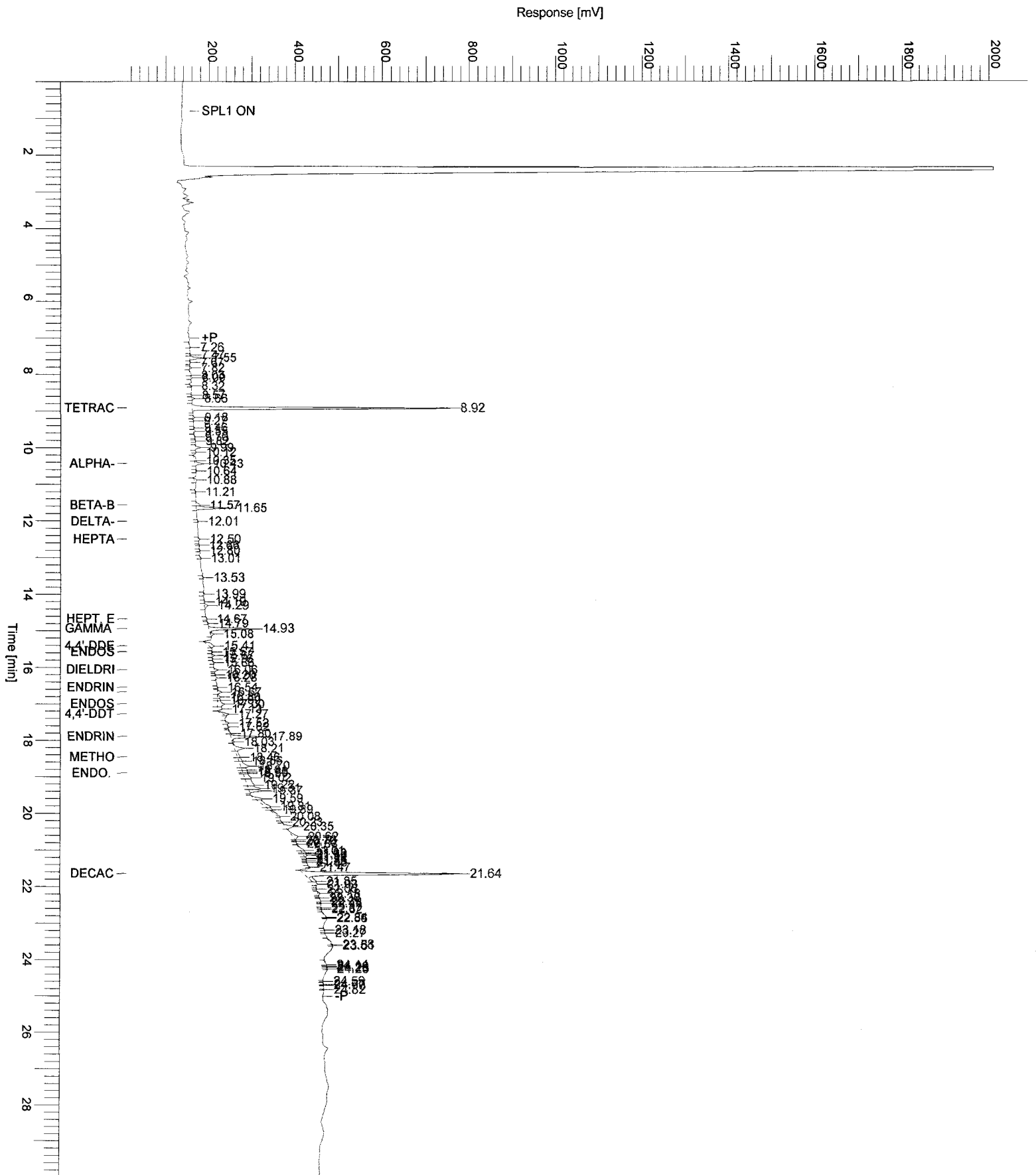
07/17/2008 07:25:18 Result: H:\TURBO6\6890-06\6a15100.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
38	14.93	326549	gamma chlordane	V	0.00221	102107.07
39	15.08	32937		E	0.03294	7655.78
40	15.41	91946	4,4'-DDE	B	0.00168	11817.33
42	15.67	15655		B	0.01566	5510.10
44	15.86	6878		B	0.00688	2203.19
45	16.06	22972	Dieldrin	B	2.90e-04	7459.80
47	16.28	12069		V	0.01207	3505.48
49	16.67	36204	4,4'-DDD	B	6.64e-04	9499.51
50	16.80	31825		V	0.03182	6688.12
51	16.89	24547		V	0.02455	7655.12
52	17.00	118039	Endosulfan II	V	2.97e-04	16379.88
53	17.13	55969		V	0.05597	11262.79
54	17.27	55218	4,4'-DDT	B	0.00464	12261.06
55	17.52	19342		B	0.01934	5681.42
56	17.62	10491		V	0.01049	2737.82
57	17.80	7200		B	0.00720	1846.67
58	17.89	238987	Endrin aldehyde	V	9.18e-04	71934.47
59	18.03	14779		E	0.01478	4114.39
60	18.21	113024		V	0.11302	22137.50
61	18.46	56222	Methoxychlor	V	0.00401	5468.09
62	18.56	42430		V	0.04243	8017.73
63	18.70	134517		V	0.13452	20319.18
64	18.81	52653		V	0.05265	12017.45
65	18.86	35763		V	0.03576	11693.28
66	18.89	20710	Endo. Sulfate	V	-3.0e-04	11050.37
67	19.02	103606		V	0.10361	14466.02
68	19.22	168485		V	0.16848	16252.94
69	19.31	123018		V	0.12302	27729.90
70	19.37	103609		V	0.10361	30394.05
71	19.59	68196		B	0.06820	17186.34
72	19.81	122438		V	0.12244	10987.30
73	19.89	31697		V	0.03170	6531.43
74	20.08	50106		V	0.05011	2860.35
76	20.35	83664		B	0.08366	18714.92
77	20.62	89231		V	0.08923	12166.65
81	21.01	45315		B	0.04531	8096.10
82	21.08	31282		V	0.03128	8728.23
83	21.10	10188		V	0.01019	8474.01
84	21.14	26540		V	0.02654	7233.70
90	21.64	1402284	Decachlorobiphenyl	B	0.01346	359181.47
91	21.85	76530		E	0.07653	10564.21
92	21.93	35114		V	0.03511	6057.13
94	22.18	16417		B	0.01642	4306.86
100	22.84	11253		B	0.01125	2044.99
104	23.58	25690		B	0.02569	2356.09
106	24.14	11519		B	0.01152	2010.04
					2.46006	1.75e+06
6723808						

Sample Name : AS80008153
File Name : H:\TURBO6\6890-06\6a15100.raw
Date : 07/17/2008 07:25:19
Method : 6890-6ins
Plot Offset : 10.00 mV

Sample # : A8798804RE
Page 1 of 1

Time of Injection: 07/16/2008 15:04:46
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Scale : 2000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 30.15 (g/mL) G Lab File ID: 5B10165.TX0% Moisture: 23 decanted: (Y/N) N Date Samp/Recv: 06/23/2008 06/26/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008Injection Volume: 1.00 (uL) Dilution Factor: 50.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

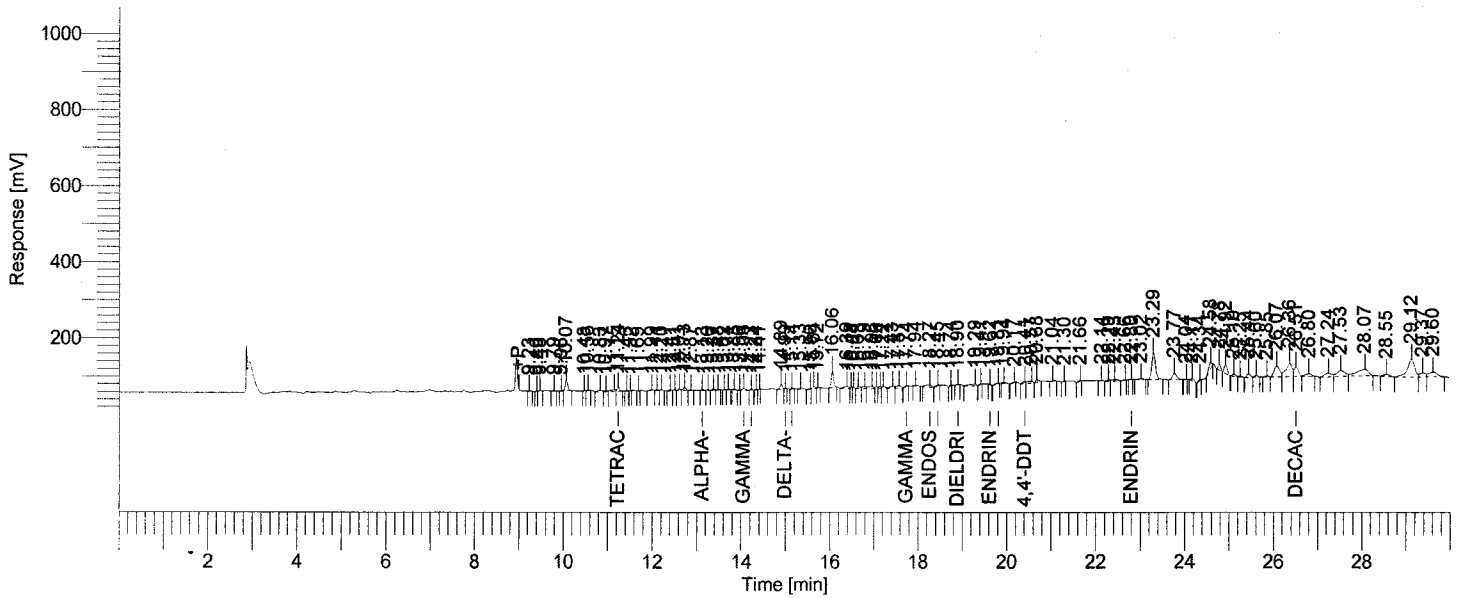
CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	110	U
319-84-6-----	alpha-BHC	110	U
319-85-7-----	beta-BHC	110	U
58-89-9-----	gamma-BHC (Lindane)	110	U
319-86-8-----	delta-BHC	110	U
57-74-9-----	Chlordane	1100	U
72-54-8-----	4,4'-DDD	110	U
72-55-9-----	4,4'-DDE	26	J
50-29-3-----	4,4'-DDT	110	U
60-57-1-----	Dieldrin	110	U
959-98-8-----	Endosulfan I	110	U
33213-65-9----	Endosulfan II	110	U
1031-07-8-----	Endosulfan Sulfate	110	U
72-20-8-----	Endrin	110	U
7421-93-4-----	Endrin aldehyde	110	U
76-44-8-----	Heptachlor	110	U
1024-57-3-----	Heptachlor epoxide	110	U
72-43-5-----	Methoxychlor	110	U
8001-35-2-----	Toxaphene	1100	U

Software Version : 6.2.1.0.104:0104 Date : 07/03/2008 14:02:54
 Reprocess Number : buf2048: 75109
 Operator : tchrom Sample Name : AS80007585
 Sample Number : A8759501 Study : SRA00201
 AutoSampler : BUILT-IN Rack/Vial : 1/65
 Instrument Name : HP6890-05 Channel : B
 Instrument Serial # : CN10520009 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.97 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 50.00
 Data Acquisition Time : 07/03/2008 12:41:29 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5b10165.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10165.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10165.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10165.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10165.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.23	4843		B	0.00484	1797.46
2	9.40	2140		B	0.00214	830.75
3	9.48	4654		V	0.00465	1341.00
4	9.79	8174		B	0.00817	2595.54
5	9.96	3180		B	0.00318	1077.10
6	10.07	105495		V	0.10549	28721.60
7	10.48	3231		B	0.00323	1494.65
8	10.56	8837		B	0.00884	3210.83
9	10.83	27696		B	0.02770	4116.57
10	10.97	13554		V	0.01355	2351.03
11	11.15	35183		V	0.03518	4752.56
12	11.24	36651	Tetrachloro-m-xylene	V	0.00106	9488.34
13	11.43	6008		B	0.00601	2406.83
14	11.52	1055		B	0.00105	435.61
15	11.69	1820		B	0.00182	728.33
16	11.99	13334		B	0.01333	2591.86

7-15-08
 KWB

07/03/2008 14:02:54 Result: H:\TURBO6\6890-05\5b10165.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	12.11	10149		V	0.01015	2659.43
18	12.20	7383		V	0.00738	2182.85
19	12.41	13108		B	0.01311	3277.04
20	12.51	12198		V	0.01220	3367.35
21	12.61	18811		V	0.01881	4303.38
22	12.73	36394		V	0.03639	7669.18
23	12.87	5752		B	0.00575	1441.48
24	13.13	6580	alpha-BHC <i>we only RT</i>	B	0.00120	1430.37
25	13.26	3760		V	0.00376	1005.46
26	13.37	7680		B	0.00768	2059.19
27	13.48	3615		V	0.00361	1303.27
28	13.62	2632		B	0.00263	857.33
29	13.71	4967		B	0.00497	1855.12
30	13.85	11005		B	0.01100	3169.84
31	13.96	5866		B	0.00587	2035.35
32	14.06	26997	gamma-BHC	V	-3.0e-05	4520.42
33	14.23	7557	beta-BHC	V	-6.7e-04	1882.40
34	14.34	4437		B	0.00444	1540.97
35	14.41	1894		V	0.00189	636.45
36	14.89	43418		B	0.04342	12292.14
37	14.99	2481	delta-BHC	V	0.00489	995.37
38	15.14	9681	Heptachlor	B	8.38e-04	3153.79
39	15.33	28041		B	0.02804	4608.39
40	15.56	12057		B	0.01206	2080.98
41	15.64	26347		V	0.02635	6591.97
42	15.72	8201		V	0.00820	2418.54
43	16.06	152831		B	0.15283	42304.23
44	16.39	48184		B	0.04818	5900.76
45	16.48	12531		V	0.01253	3774.72
46	16.54	12381		V	0.01238	4141.16
47	16.65	29039		B	0.02904	4859.73
48	16.79	28904		V	0.02890	4890.21
49	16.96	58652		V	0.05865	5865.89
50	17.06	15940		V	0.01594	4329.19
51	17.14	19820		V	0.01982	4430.23
52	17.22	26785		V	0.02678	4449.29
53	17.43	42680		V	0.04268	5978.68
54	17.57	53454		V	0.05345	7009.38
55	17.74	13321	gamma chlordane	B	4.61e-04	2371.66
56	17.94	11253		B	0.01125	1803.66
57	18.27	52425	Endosulfan I	V	8.12e-04	5518.64
58	18.45	13667	4,4'-DDE	B	0.00122	2304.52
59	18.74	5733		B	0.00573	1813.28
60	18.90	3499	Dieldrin	B	0.00107	904.60
61	19.29	58759		B	0.05876	4697.39
62	19.41	7520		B	0.00752	1749.67
63	19.62	7040	Endrin <i>we only RT</i>	B	0.00208	2399.05
64	19.81	15722	4,4'-DDD	B	0.00194	1230.92
65	19.94	12638		B	0.01264	2153.07
66	20.17	6705		B	0.00671	1070.97
67	20.41	27624	4,4'-DDT	B	0.00544	4668.12
68	20.57	46897		V	0.04690	4704.66
69	20.68	28930		B	0.02893	6837.56
70	21.04	7375		B	0.00737	1668.60
71	21.30	4971		B	0.00497	980.50
72	21.66	6803		B	0.00680	1041.83
73	22.14	11862		B	0.01186	2955.86
74	22.29	17955		B	0.01796	3530.71
75	22.43	42990		V	0.04299	4224.27
76	22.66	4475		B	0.00447	450.70
77	22.80	1281	Endrin ketone	B	1.52e-04	353.57
78	23.02	18109		B	0.01811	2236.53
79	23.29	412449		B	0.41245	68947.73
80	23.77	125040		B	0.12504	17447.90
81	24.04	1363		B	0.00136	374.08
82	24.17	30749		B	0.03075	5442.80

07/03/2008 14:02:54 Result: H:\TURBO6\6890-05\5b10165.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
83	24.34	13975		B	0.01397	3133.89
84	24.58	78051		B	0.07805	15047.00
85	24.78	58379		B	0.05838	14377.47
86	24.92	113947		V	0.11395	22782.34
87	25.10	30168		B	0.03017	5390.23
88	25.25	14882		V	0.01488	3339.00
89	25.44	54439		B	0.05444	9764.85
90	25.60	26295		V	0.02629	5428.43
91	25.85	12908		B	0.01291	2869.89
92	26.07	248125		B	0.24813	27571.20
93	26.36	338974		V	0.33897	34392.27
94	26.51	179475	Decachlorobiphenyl	V	0.00210	24986.83
95	26.80	75087		V	0.07509	7715.50
96	27.24	108208		B	0.10821	9745.71
97	27.53	209728		V	0.20973	15714.72
98	28.07	317701		V	0.31770	16960.02
99	28.55	52234		B	0.05223	5176.55
100	29.12	541762		B	0.54176	46423.19
101	29.37	102506		V	0.10251	10846.15
102	29.60	159704		V	0.15970	12436.44
		4831768			4.44734	693196.12

Sample Name : AS80007585

Sample # : A8759501

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b10165.raw

Date : 07/03/2008 14:02:56

Method : 6890-5ins

Time of Injection: 07/03/2008 12:41:29

Start Time : 0.00 min

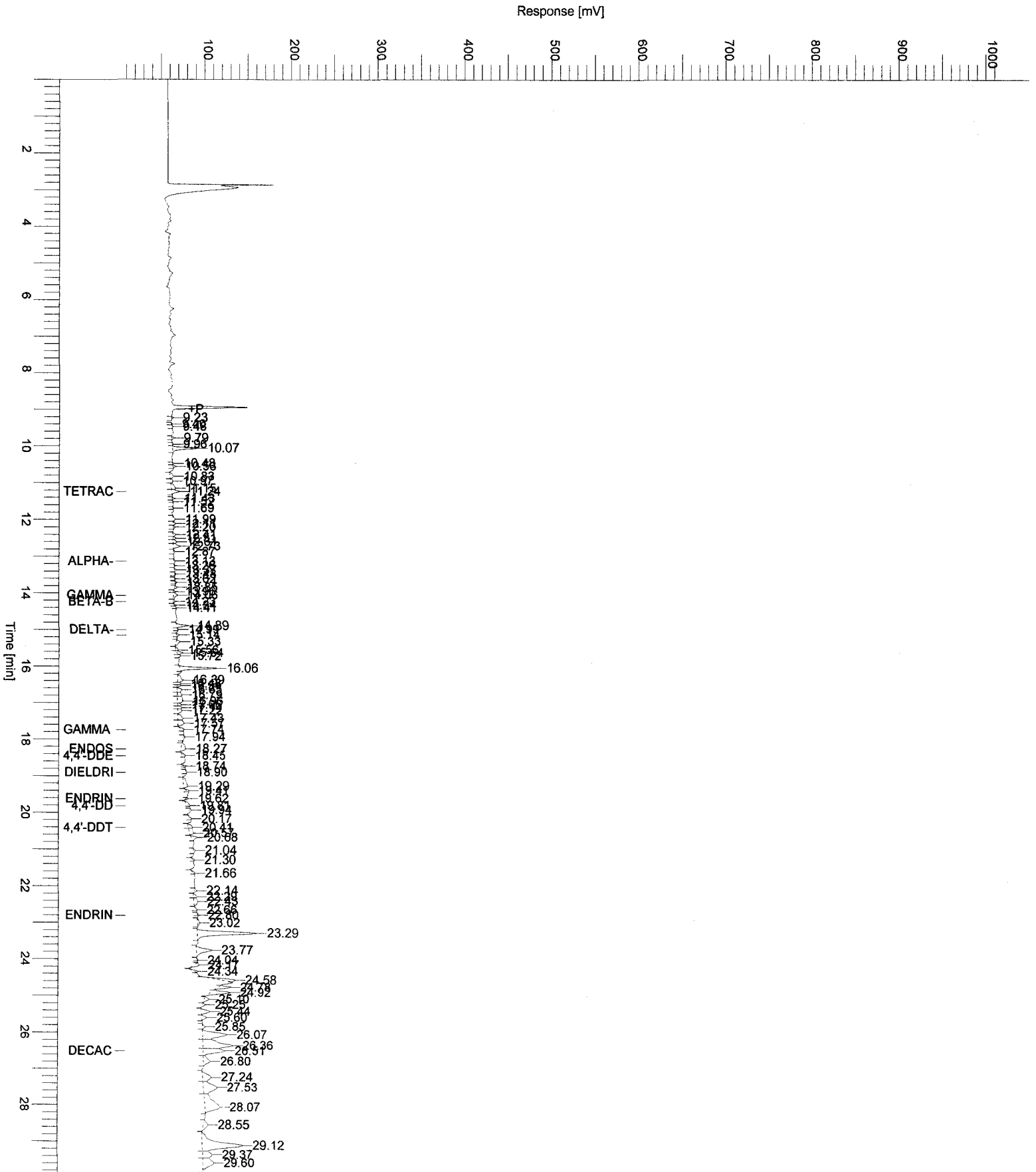
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 1010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 1000.0 mV



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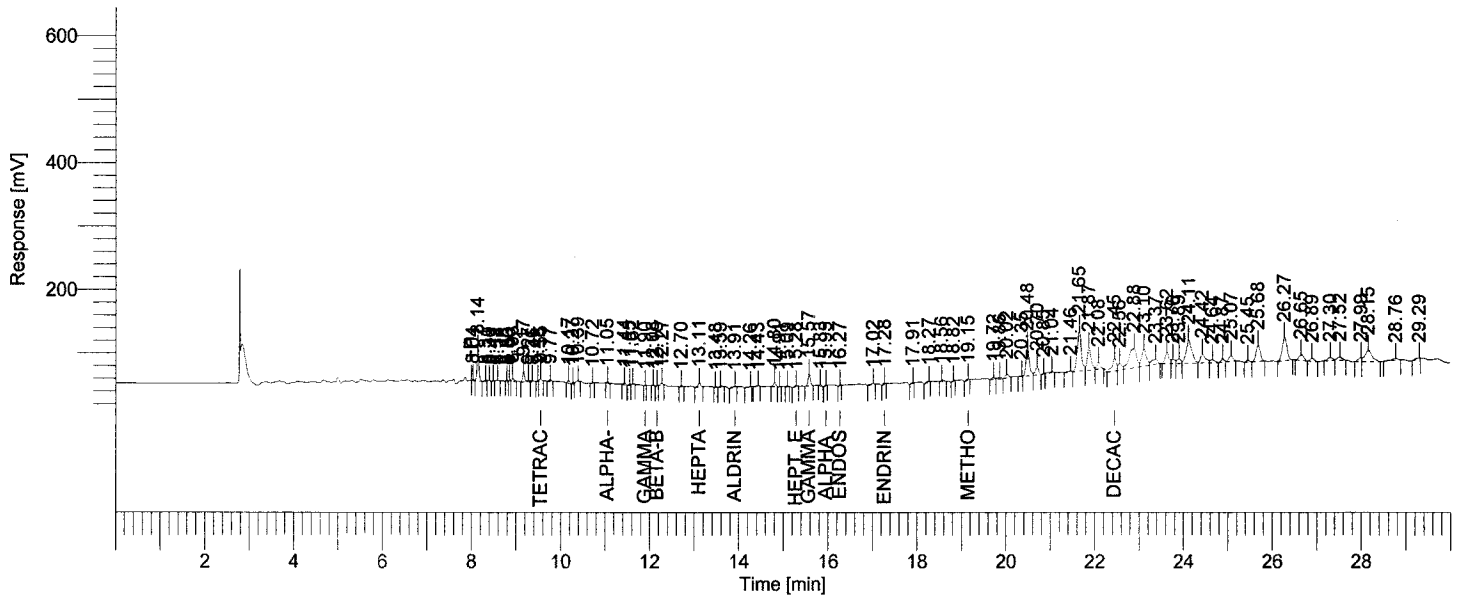
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 75108
Operator : tchrom
Sample Number : A8759501
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 07/03/2008 12:41:29

Date : 07/03/2008 14:02:50
Sample Name : AS80007585
Study : SRA00201
Rack/Vial : 1/65
Channel : A
A/D mV Range : 1000
End Time : 29.97 min

Area Reject : 1000.000000
Dilution Factor : 50.00
Cycle : 3
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a10165.raw <Modified>
Result File : H:\TURBO6\6890-05\5a10165.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10165.raw
Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10165.rst
Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10165.rst
Report Format File : h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.04	3725		B	0.00372	1239.78
2	8.14	147196		V	0.14720	49130.08
3	8.31	6703		B	0.00670	1382.44
4	8.39	6920		V	0.00692	1799.03
5	8.49	2463		B	0.00246	980.95
6	8.58	4586		V	0.00459	1204.20
7	8.80	2691		B	0.00269	954.64
8	8.86	3261		V	0.00326	1298.52
9	8.93	14105		V	0.01411	4133.06
10	9.17	50788		B	0.05079	15553.47
11	9.27	9676		E	0.00968	2695.50
12	9.36	9462		V	0.00946	2052.31
13	9.48	4295		B	0.00430	1812.34
14	9.55	13189	Tetrachloro-m-xylene	V	0.00136	4128.75
15	9.77	9017		B	0.00902	2331.41
16	10.17	13027		B	0.01303	3906.54

07/03/2008 14:02:50 Result: H:\TURBO6\6890-05\5a10165.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	10.27	4880		B	0.00488	1965.22
18	10.39	10662		V	0.01066	2393.60
19	10.72	1082		B	0.00108	324.81
20	11.05	5601	alpha-BHC	B	0.00238	2020.71
21	11.44	10906		B	0.01091	3016.64
22	11.55	4173		B	0.00417	1326.76
23	11.62	5985		V	0.00599	1584.95
24	11.90	1020	gamma-BHC	B	0.00219	463.77
25	12.08	3844		B	0.00384	1345.98
26	12.16	1654	beta-BHC	B	0.00102	698.06
27	12.27	10293		V	0.01029	3205.22
28	12.70	6507		B	0.00651	2098.46
29	13.11	24885	Heptachlor	B	0.00223	6186.92
30	13.48	2539		B	0.00254	929.88
31	13.59	9019		B	0.00902	2293.18
32	13.91	9919	Aldrin	B	0.00205	1152.36
33	14.26	4377		B	0.00438	389.93
34	14.43	4244		B	0.00424	803.65
35	14.80	26791		B	0.02679	6829.63
37	15.09	3124		B	0.00312	1018.76
38	15.28	9080	Hept. epoxide	B	7.44e-04	1753.63
39	15.57	67363	gamma chlordane	B	0.00230	18219.66
40	15.83	8439		B	0.00844	2102.86
41	15.95	3874	alpha chlordane	B	0.00106	1076.59
42	16.27	2993	Endosulfan L	B	-9.2e-04	1046.36
43	17.02	10723		B	0.01072	1238.34
44	17.28	7958	Epdrin	B	0.00240	1703.37
45	17.91	4799		B	0.00480	893.55
46	18.27	11259		B	0.01126	1034.51
47	18.56	9546		B	0.00955	2148.74
48	18.82	4600		B	0.00460	1231.22
49	19.15	8834	Methoxychlor	B	0.00352	1746.38
50	19.72	14195		B	0.01420	2260.91
51	19.86	17458		V	0.01746	2546.39
52	20.02	27817		B	0.02782	5165.28
53	20.35	3604		B	0.00360	799.38
54	20.48	240400		V	0.24040	45764.57
55	20.70	67195		V	0.06720	12926.12
56	20.85	6193		B	0.00619	1520.66
57	21.04	19155		V	0.01916	2058.46
58	21.46	12662		B	0.01266	1635.35
59	21.65	413161		V	0.41316	65141.24
60	21.87	214468		V	0.21447	35545.55
61	22.08	57389		V	0.05739	10501.91
62	22.45	130728	Decachlorobiphenyl	B	0.00285	19894.24
63	22.56	64939		V	0.06494	10593.65
64	22.88	367100		V	0.36710	30778.86
65	23.10	206772		V	0.20677	26529.18
66	23.37	76043		V	0.07604	7886.46
67	23.62	108286		B	0.10829	17616.83
68	23.76	38452		V	0.03845	6701.14
69	23.89	48386		V	0.04839	7326.74
70	24.11	328544		V	0.32854	36147.66
71	24.42	113821		V	0.11382	13959.96
72	24.64	36468		V	0.03647	4787.08
73	24.87	25596		B	0.02560	4750.34
74	25.07	57160		V	0.05716	8905.76
75	25.45	14418		B	0.01442	2869.49
76	25.68	166683		B	0.16668	25201.17
77	26.27	278853		B	0.27885	36591.78
78	26.65	67904		B	0.06790	9085.93
79	26.89	31571		B	0.03157	4931.27
80	27.30	39645		B	0.03964	5109.79
81	27.52	42990		V	0.04299	5325.76

07/03/2008 14:02:50 Result: H:\TURBO6\6890-05\5a10165.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
82	27.99	32217		B	0.03222	6497.95
83	28.15	203240		V	0.20324	17723.19
84	28.76	24404		B	0.02440	2621.46
85	29.29	9416		B	0.00942	746.33
		4209413			3.94549	667294.58

Sample Name : AS80007585

Sample #: A8759501

Page 1 of 1

FileName : H:\TURBO6\6890-05\5a10165.raw

Date : 07/03/2008 14:02:52

Method : 6890-5ins

Time of Injection: 07/03/2008 12:41:29

Start Time : 0.00 min

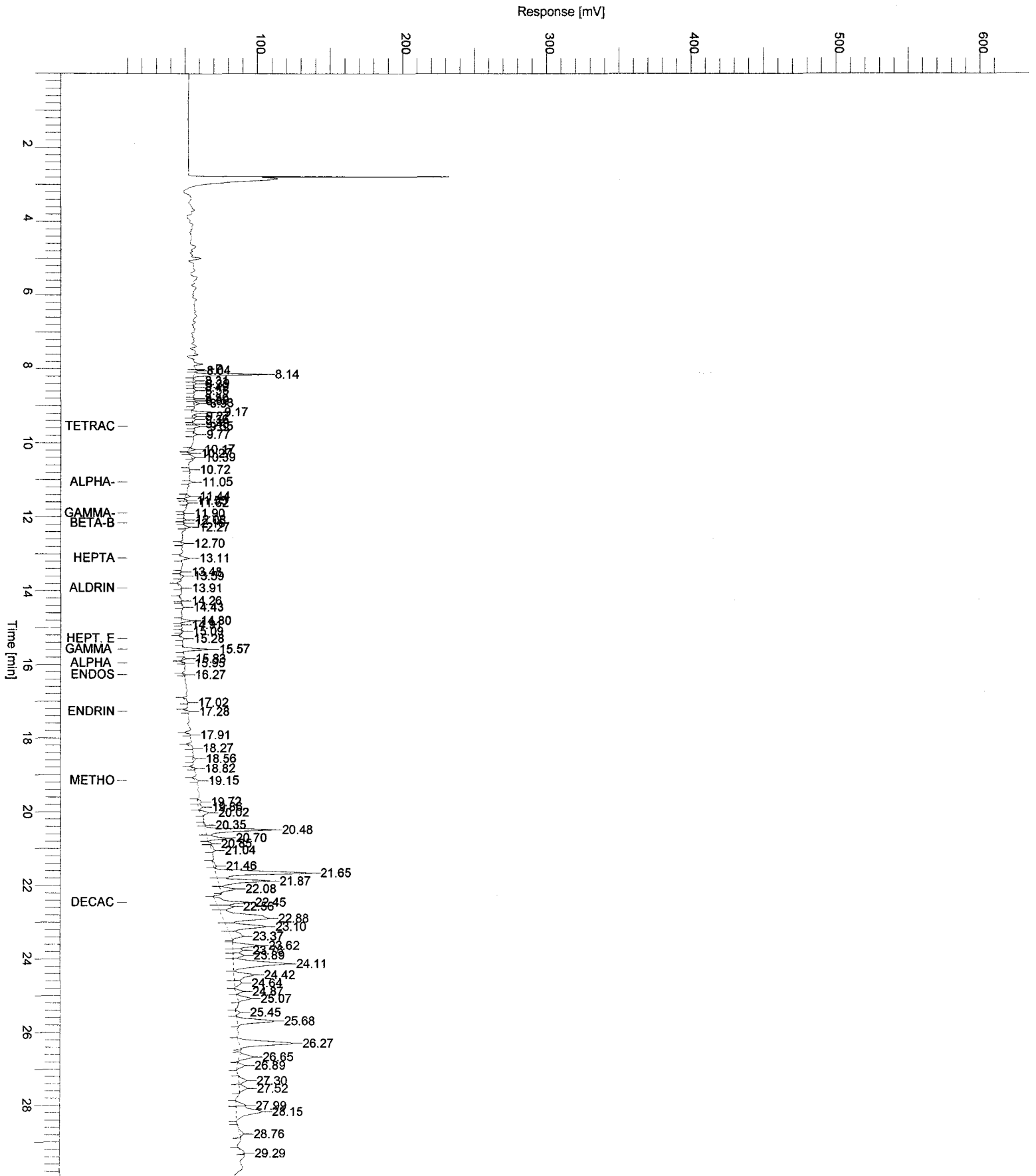
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 610.00 mV

Plot Offset: 10.00 mV

Plot Scale: 600.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 30.58 (g/mL) G Lab File ID: 5B10163.TX0% Moisture: 18 decanted: (Y/N) N Date Samp/Recv: 06/25/2008 06/27/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

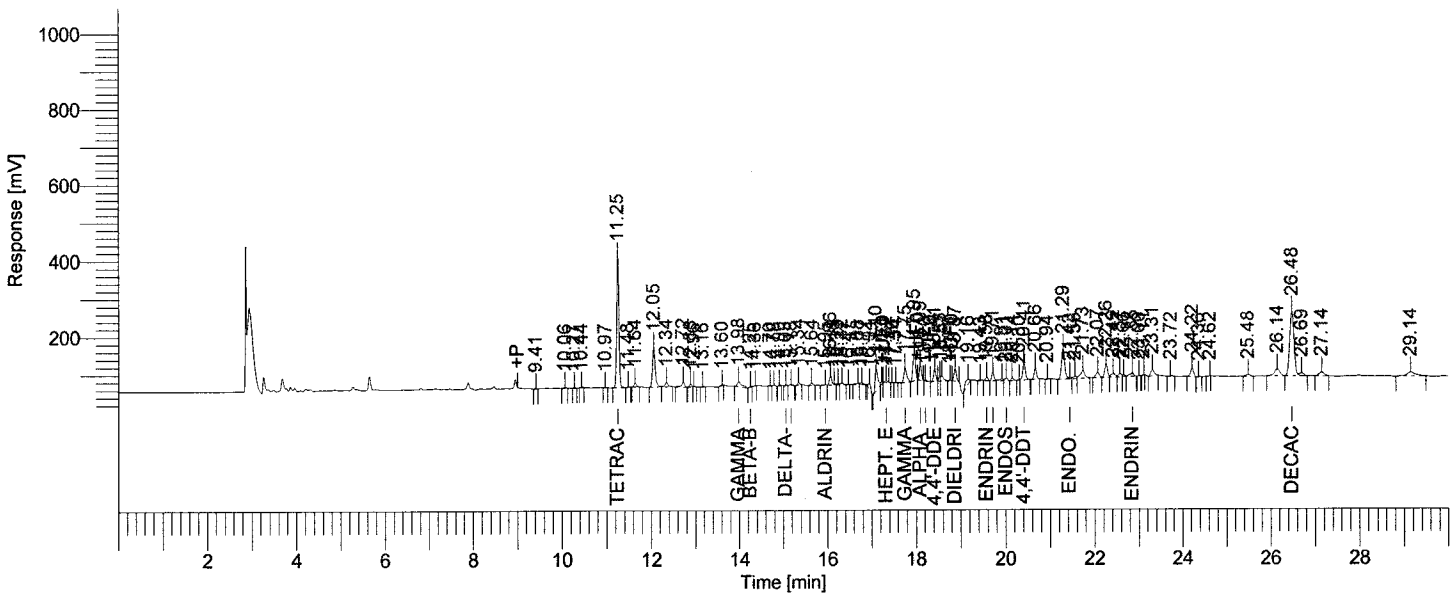
309-00-2-----	Aldrin	2.0	U
319-84-6-----	alpha-BHC	2.0	U
319-85-7-----	beta-BHC	2.0	U
58-89-9-----	gamma-BHC (Lindane)	2.0	U
319-86-8-----	delta-BHC	2.0	U
57-74-9-----	Chlordane	20	U
72-54-8-----	4,4'-DDD	1.2	J
72-55-9-----	4,4'-DDE	1.0	J
50-29-3-----	4,4'-DDT	3.5	
60-57-1-----	Dieldrin	1.1	J
959-98-8-----	Endosulfan I	2.0	U
33213-65-9----	Endosulfan II	2.0	U
1031-07-8-----	Endosulfan Sulfate	2.0	U
72-20-8-----	Endrin	2.0	U
7421-93-4-----	Endrin aldehyde	2.0	U
76-44-8-----	Heptachlor	2.0	U
1024-57-3-----	Heptachlor epoxide	2.0	U
72-43-5-----	Methoxychlor	2.0	U
8001-35-2-----	Toxaphene	20	U

Software Version : 6.2.1.0.104:0104
 Operator : tchrom
 Sample Number : A8769101
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/03/2008 11:28:57

Date : 07/16/2008 12:02:45
 Sample Name : AS80007647
 Study : STA00201
 Rack/Vial : 1/63
 Channel : B
 A/D mV Range : 1000
 End Time : 29.98 min

Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5b10163.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10163.rst [Editing in Progress]
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10163.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10163.rst [Editing in Progress]
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10163.rst [Editing in Progress]
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.41	5618		B	0.00562	1644.22
2	10.06	9178		B	0.00918	2458.64
3	10.27	3683		B	0.00368	1266.55
4	10.44	5371		B	0.00537	1910.08
5	10.97	2515		B	0.00251	829.78
6	11.25	1200665	Tetrachloro-m-xylene	B	0.01859	341373.26
7	11.48	9007		B	0.00901	2616.79
8	11.64	41627		V	0.04163	10673.05
9	12.05	443489		B	0.44349	104337.48
10	12.34	57905		V	0.05791	10824.52
11	12.72	63342		B	0.06334	13030.27
12	12.88	27640		B	0.02764	7987.54
13	12.96	4974		V	0.00497	1821.08
14	13.16	6674		B	0.00667	1994.05
15	13.60	6666		B	0.00667	1556.53
16	13.98	90516	gamma-BHC	B	6.89e-04	13308.72
17	14.25	11690	beta-BHC	B	-5.5e-04	3053.71
18	14.36	5636		V	0.00564	1090.41
19	14.70	5497		B	0.00550	1757.49
20	14.78	11653		V	0.01165	2486.92
21	14.90	7060		B	0.00706	2282.65
22	15.05	4457	delta-BHC	B	0.00492	1475.74
23	15.18	11220	Heptachlor	V	8.56e-04	2479.46

7-16-08
 DSB

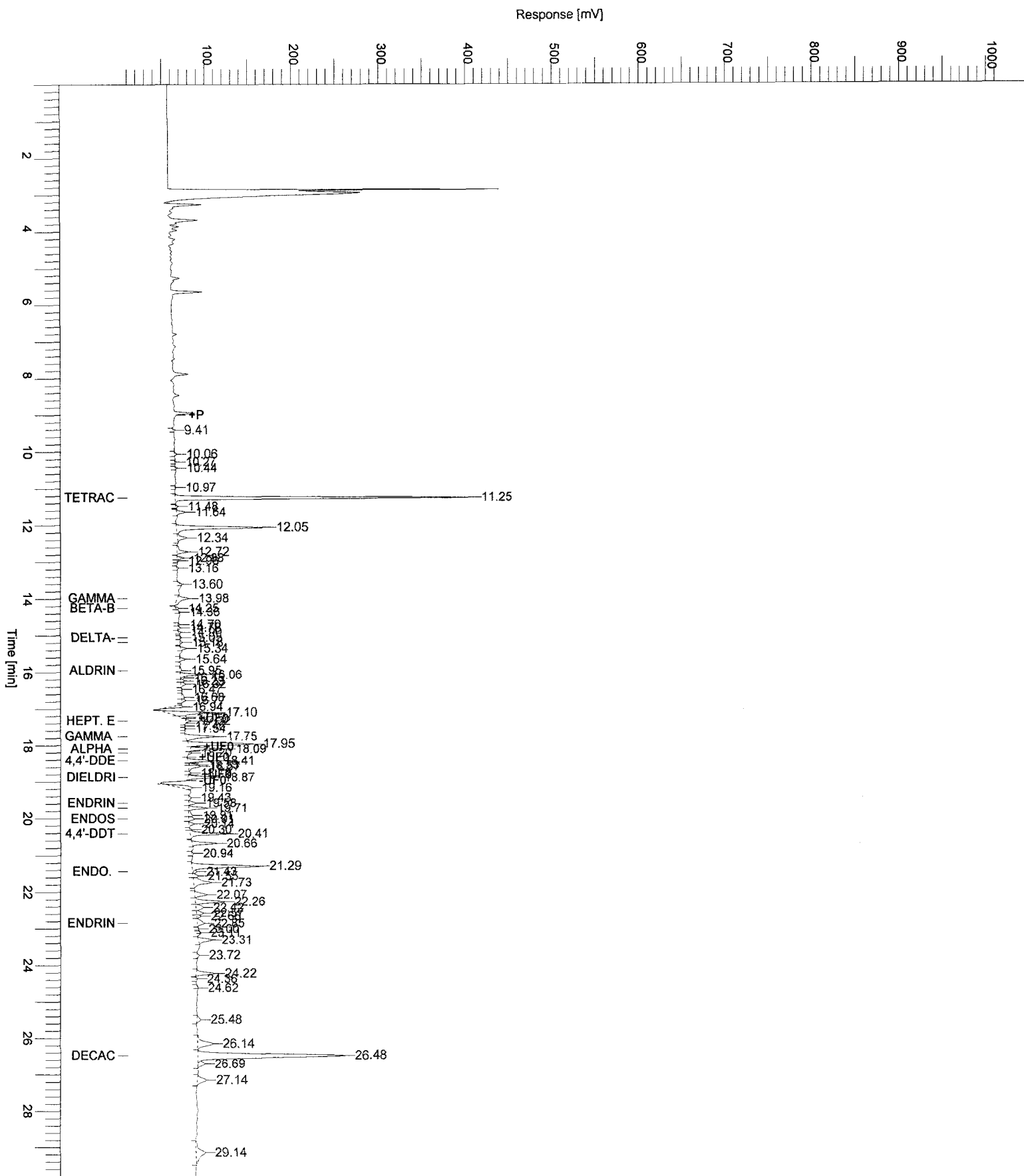
07/16/2008 12:02:45 Result: H:\TURBO6\6890-05\5b10163.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
24	15.34	22776		B	0.02278	7082.52
25	15.64	24493		B	0.02449	6638.88
26	15.95	9931	Aldrin	B	0.00147	1436.32
27	16.06	96074		V	0.09607	24991.99
28	16.15	11324		E	0.01132	3266.90
29	16.23	14643		V	0.01464	3832.54
30	16.32	25369		V	0.02537	5566.12
31	16.47	1251		B	0.00125	415.45
32	16.68	19237		B	0.01924	3081.20
33	16.77	19024		V	0.01902	4557.39
34	16.94	60146		B	0.06015	14528.89
35	17.10	253825		B	0.25382	57538.30
36	17.23	21521		V	0.02152	4476.65
37	17.32	17529	Hept. epoxide	M	8.95e-04	5343.42
38	17.46	1134		B	0.00113	473.35
39	17.54	2167		B	0.00217	922.73
40	17.75	171316	gamma chlordane	B	0.00261	36251.01
41	17.95	295130		B	0.29513	74298.52
42	18.09	139564	alpha chlordane	M	0.00252	41166.72
43	18.20	8791	Endosulfan I	B	1.35e-04	2759.70
44	18.41	108696	4,4'-DDE	M	0.00261	30622.70
45	18.53	28390		B	0.02839	11362.11
46	18.57	58861		V	0.05886	12810.80
47	18.75	6040		V	0.00604	2110.31
48	18.87	122364	Dieldrin	M	0.00277	30943.86
49	19.16	100630		B	0.10063	12788.56
50	19.43	13493		B	0.01349	2439.68
51	19.58	37563	Endrin	V	0.00264	8758.60
52	19.71	82097	4,4'-DDD	V	0.00308	21726.41
53	19.91	30450		V	0.03045	4778.47
54	20.01	32500	Endosulfan II	V	-6.1e-05	6404.96
55	20.14	25443		B	0.02544	6155.31
56	20.30	5560		B	0.00556	1975.06
57	20.41	186638	4,4'-DDT	V	0.00883	44060.67
58	20.66	109570		B	0.10957	28876.11
59	20.94	6555		B	0.00656	1713.17
60	21.29	399700		B	0.39970	78418.66
61	21.43	17735	Endo-Sulfate	E	4.34e-04	4050.03
62	21.55	31688		V	0.03169	6097.89
63	21.73	144693		V	0.14469	20724.87
64	22.07	78671		B	0.07867	13958.70
65	22.26	157443		V	0.15744	34327.92
66	22.42	62043		V	0.06204	8533.66
67	22.57	42489		V	0.04249	8353.45
68	22.66	17938		V	0.01794	4622.21
69	22.85	57608	Endrin ketone	V	0.00116	8016.27
70	23.00	1116		B	0.00112	421.16
71	23.11	1527		B	0.00153	539.09
72	23.31	88879		B	0.08888	15922.33
73	23.72	11411		B	0.01141	2348.88
74	24.22	107904		B	0.10790	22272.55
75	24.36	7501		B	0.00750	1735.55
76	24.62	2037		B	0.00204	333.03
77	25.48	30953		B	0.03095	4543.10
78	26.14	152247		B	0.15225	17950.40
79	26.48	1171371	Decachlorobiphenyl	B	0.01836	169227.96
80	26.69	50995		E	0.05099	7914.03
81	27.14	83441		B	0.08344	10265.52
82	29.14	152314		B	0.15231	10713.74
					3.66458	1.51e+06
7077876						

Chromatogram

1596/4151

Sample Name : AS80007647 Sample #: A8769101 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10163.raw
Date : 07/16/2008 12:02:54 Time of Injection : 07/03/2008 11:28:57
Method :
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset : 10.00 mV Plot Scale : 1000.0 mV



Chromatogram

1597/4151

Sample Name : AS80007647

Sample # : A8769101

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b10163.raw

Date : 07/16/2008 12:00:40

Method : Time of Injection: 07/03/2008 11:28:57

Start Time : 16.96 min

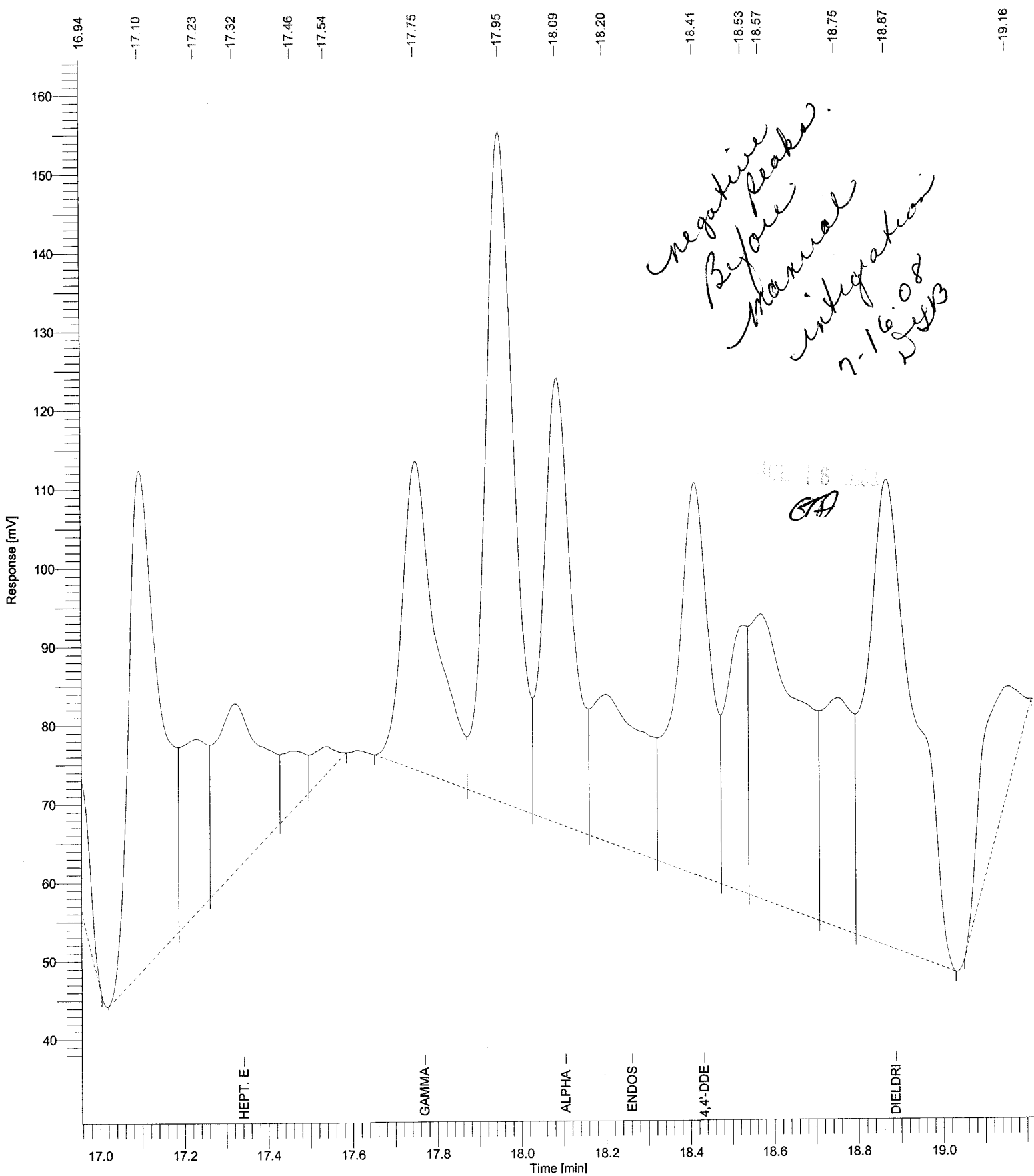
End Time : 19.22 min

Low Point : 37.89 mV

High Point : 164.58 mV

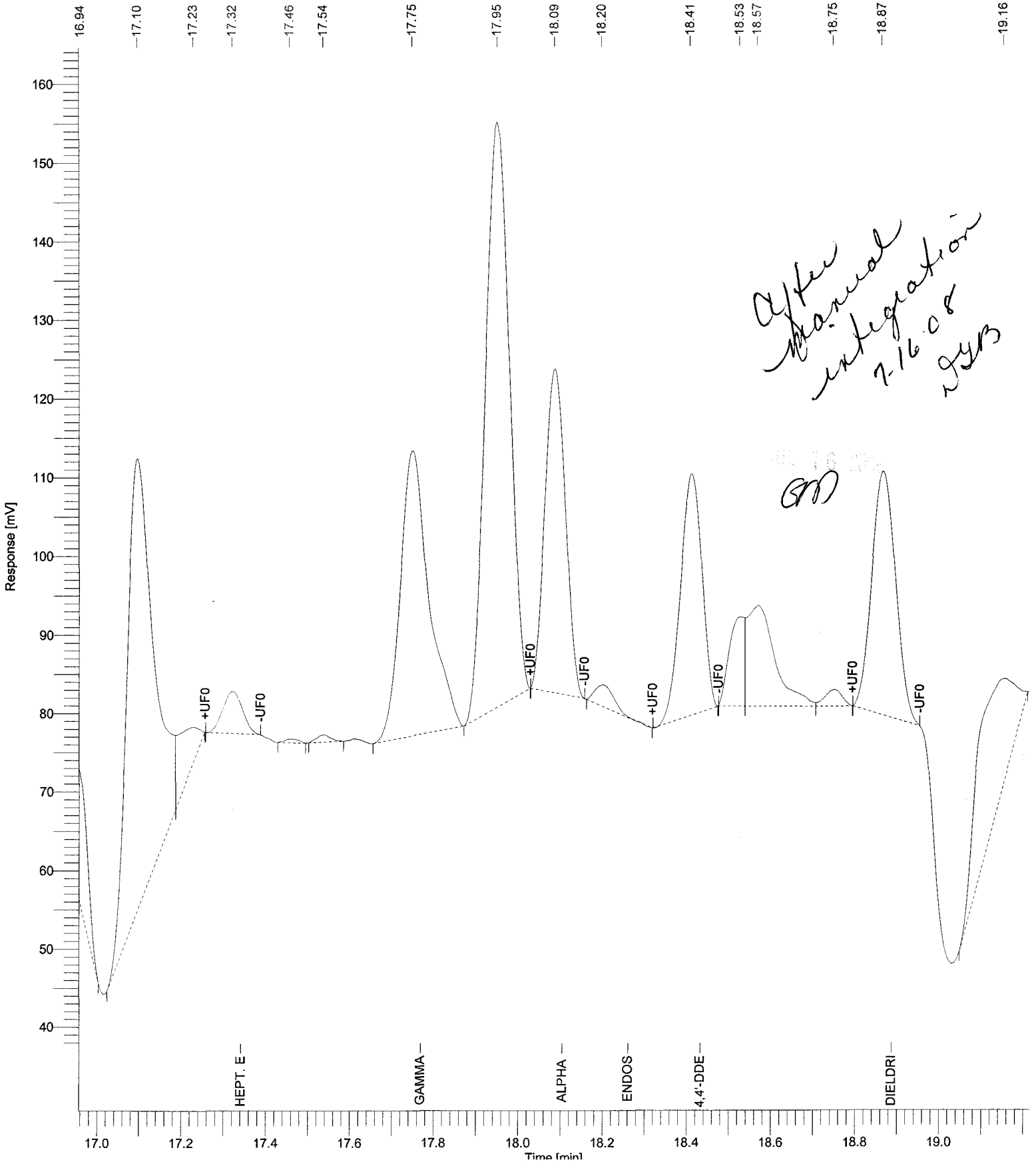
Plot Offset: 37.89 mV

Plot Scale: 126.7 mV



Chromatogram

Sample Name : AS80007647 Sample #: A8769101 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10163.raw
Date : 07/16/2008 12:02:55
Method : Time of Injection: 07/03/2008 11:28:57
Start Time : 16.96 min End Time : 19.22 min Low Point : 37.89 mV High Point : 164.58 mV
Plot Offset: 37.89 mV Plot Scale: 126.7 mV



*After manual integration
7-16-08
JJB*

*0.16 0.22
GD*

HEPT. E

GAMMA

ALPHA

ENDOS

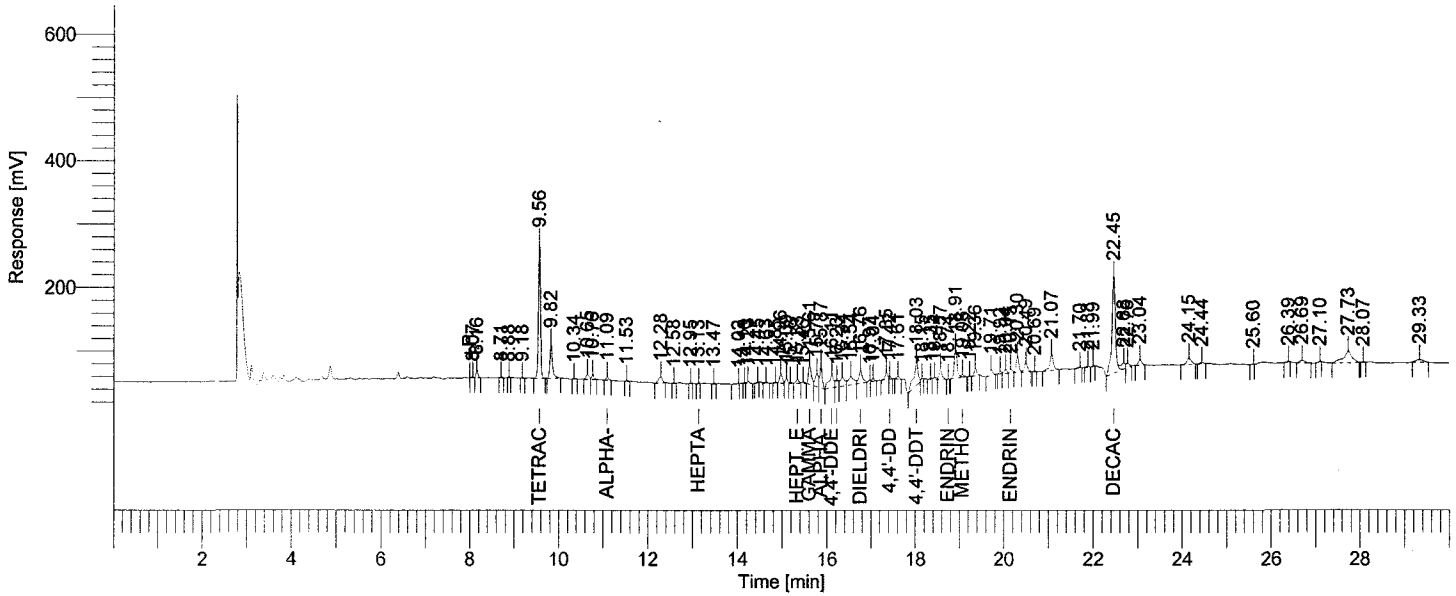
4,4'-DDE

DIELDR

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75104
 Operator : tchrom
 Sample Number : A8769101
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/03/2008 11:28:57

Date : 07/03/2008 14:02:36
 Sample Name : AS80007647
 Study : STA00201
 Rack/Vial : 1/63
 Channel : A
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5a10163.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a10163.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10163.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10163.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10163.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.07	3919		B	0.00392	1029.92
2	8.16	34924		V	0.03492	12106.44
3	8.71	4705		B	0.00471	1643.42
4	8.88	1671		B	0.00167	745.24
5	9.18	2911		B	0.00291	1083.01
6	9.56	687594	Tetrachloro-m-xylene	B	0.02284	212421.96
7	9.82	219377		B	0.21938	54518.04
8	10.34	2977		B	0.00298	871.22
9	10.65	31285		B	0.03129	7909.91
10	10.76	26623		V	0.02662	6874.16
11	11.09	20440	alpha-BHC	B	0.00268	5910.54
12	11.53	3397		B	0.00340	960.71
13	12.28	58844		B	0.05884	9659.68
14	12.58	2523		B	0.00252	897.53
15	12.95	2351		B	0.00235	783.83
16	13.13	1803	Heptachlor	B	0.00174	655.88

07/03/2008 14:02:36 Result: H:\TURBO6\6890-05\5a10163.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	13.47	3306		B	0.00331	1011.34
18	14.02	4909		B	0.00491	206.01
19	14.16	2197		B	0.00220	818.35
20	14.23	11514		V	0.01151	2987.82
21	14.45	3196		B	0.00320	1063.15
22	14.63	6430		B	0.00643	1552.03
23	14.85	7368		B	0.00737	2086.97
24	14.96	65563		V	0.06556	15307.54
25	15.09	29355		V	0.02936	8029.13
26	15.18	7769		V	0.00777	2050.20
27	15.33	28935	Hept. epoxide	V	0.00121	6249.21
28	15.46	11376		V	0.01138	2298.50
29	15.61	150334	gamma chlordane	B	0.00422	31185.68
30	15.77	103524		V	0.10352	20676.76
31	15.87	136811	alpha chlordane	V	0.00442	36472.34
32	16.11	165974	4,4'-DDE	B	0.00647	21251.57
33	16.23	55209	Endosulfan I	V	4.40e-04	10286.04
34	16.34	99957		V	0.09996	14282.67
35	16.54	120095		V	0.12010	12765.43
36	16.76	114690	Dieldrin	V	0.00405	20719.33
37	16.97	7834		V	0.00783	2256.00
38	17.04	16033		V	0.01603	3923.13
39	17.35	49560		B	0.04956	11790.43
40	17.42	11393	4,4'-DDD	V	0.00190	3986.46
41	17.61	15672		B	0.01567	4310.78
42	18.03	262264	4,4'-DDT	B	0.01429	38366.05
43	18.15	10642		V	0.01064	2359.57
44	18.35	7250		B	0.00725	1771.82
45	18.44	14678		V	0.01468	2668.97
46	18.57	73340		V	0.07334	17243.01
48	18.91	221044		B	0.22104	46716.64
49	19.06	17803	Methoxychlor	E	0.00417	3694.13
50	19.22	1849		B	0.00185	641.87
51	19.36	48394		B	0.04839	11641.72
52	19.71	50350		B	0.05035	8857.67
53	19.92	13773		B	0.01377	3790.32
54	20.04	28520		V	0.02852	5775.94
55	20.15	27121	Endrin ketone <i>wrong</i>	V	8.12e-04	5747.71
56	20.30	105523		V	0.10552	24744.90
57	20.49	72310		V	0.07231	14516.76
58	20.69	2857		B	0.00286	1021.59
59	21.07	143774		B	0.14377	25336.38
60	21.70	7298		B	0.00730	1224.01
61	21.88	8398		B	0.00840	2043.54
62	21.99	3682		B	0.00368	1167.16
63	22.45	846969	Decachlorobiphenyl	B	0.02581	152193.06
64	22.68	67611		E	0.06761	9133.11
65	22.76	35859		V	0.03586	6803.99
66	23.04	48262		B	0.04826	8774.08
67	24.15	69914		B	0.06991	9385.48
68	24.44	11592		B	0.01159	2291.22
69	25.60	1458		B	0.00146	251.64
70	26.39	4699		B	0.00470	942.44
71	26.69	32230		B	0.03223	3902.64
72	27.10	3128		B	0.00313	598.73
73	27.73	243492		B	0.24349	17868.44
74	28.07	2153		B	0.00215	512.90
75	29.33	47887		B	0.04789	4286.87
					2.43818	991912.75
4870473						

Sample Name : AS80007647

Sample # : A8769101

Page 1 of 1

FileName : H:\TURBO6\6890-05\5a10163.raw

Date : 07/03/2008 14:02:38

Method : 6890-5ins

Time of Injection: 07/03/2008 11:28:57

Start Time : 0.00 min

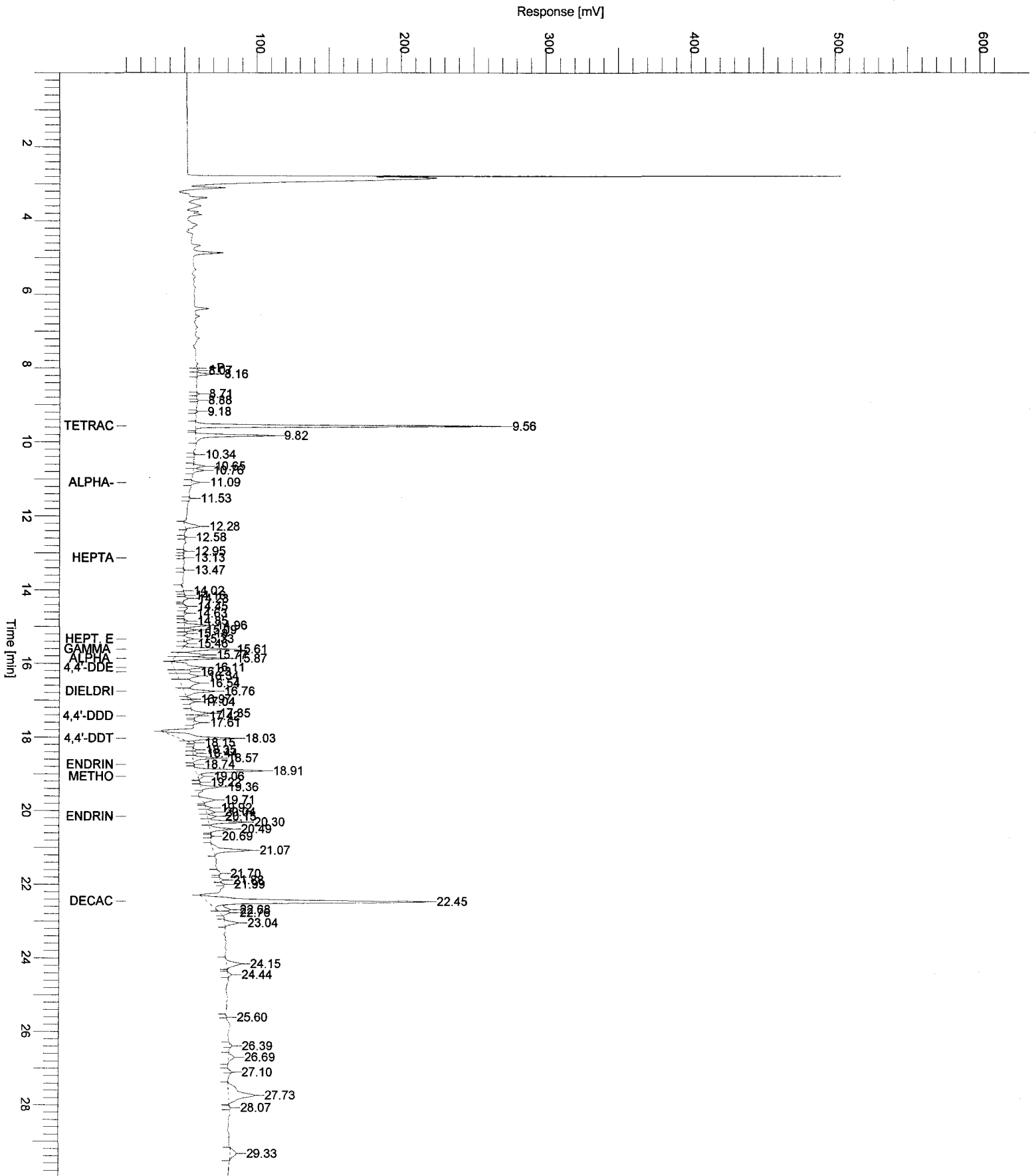
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 610.00 mV

Plot Offset: 10.00 mV

Plot Scale: 600.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769102Sample wt/vol: 30.80 (g/mL) G Lab File ID: 5B10164.TX0% Moisture: 34 decanted: (Y/N) N Date Samp/Recv: 06/25/2008 06/27/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	2.5	U
319-84-6-----	alpha-BHC	2.5	U
319-85-7-----	beta-BHC	2.5	U
58-89-9-----	gamma-BHC (Lindane)	2.5	U
319-86-8-----	delta-BHC	2.5	U
57-74-9-----	Chlordane	25	U
72-54-8-----	4,4'-DDD	2.5	U
72-55-9-----	4,4'-DDE	2.5	U
50-29-3-----	4,4'-DDT	2.5	U
60-57-1-----	Dieldrin	2.5	U
959-98-8-----	Endosulfan I	2.5	U
33213-65-9----	Endosulfan II	2.5	U
1031-07-8-----	Endosulfan Sulfate	2.5	U
72-20-8-----	Endrin	2.5	U
7421-93-4-----	Endrin aldehyde	2.5	U
76-44-8-----	Heptachlor	2.5	U
1024-57-3-----	Heptachlor epoxide	2.5	U
72-43-5-----	Methoxychlor	2.5	U
8001-35-2-----	Toxaphene	25	U

```

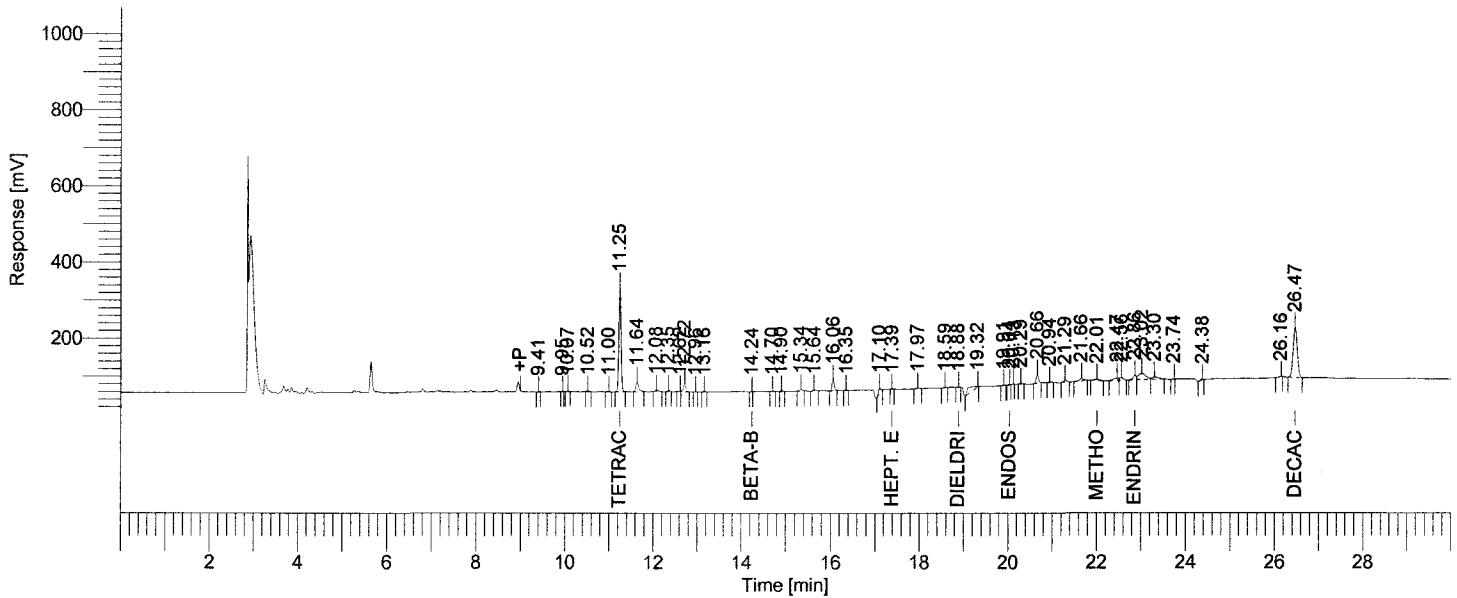
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 75107
Operator : tchrom
Sample Number : A9769102
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 07/03/2008 12:05:07

Date : 07/03/2008 14:02:47
Sample Name : AS80007648
Study : STA00201
Rack/Vial : 1/64
Channel : B
A/D mV Range : 1000
End Time : 30.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 2
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b10164.raw <Modified>
Result File : H:\TURBO6\6890-05\5b10164.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10164.raw
Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10164.rst
Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10164.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.41	2943		B	0.00294	980.38
3	10.07	5676		B	0.00568	1968.52
4	10.52	6637		B	0.00664	1896.48
5	11.00	6864		B	0.00686	1374.03
6	11.25	951408	Tetrachloro-m-xylene	B	0.01484	273172.39
7	11.64	105951		B	0.10595	25278.25
8	12.08	19732		B	0.01973	3885.31
9	12.35	11489		B	0.01149	3496.23
10	12.62	7237		B	0.00724	1889.23
11	12.72	81238		V	0.08124	21438.15
12	12.96	1438		B	0.00144	541.49
13	13.16	6288		B	0.00629	1923.62
14	14.24	1207	beta-BHC	B	-8.5e-04	351.98
15	14.70	4029		B	0.00403	1218.95
16	14.90	7488		B	0.00749	2344.58
17	15.34	21784		B	0.02178	4712.34

Handwritten note: 7-16-08 JSH

07/03/2008 14:02:47 Result: H:\TURBO6\6890-05\5b10164.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	15.64	12441		B	0.01244	3203.37
19	16.06	98943		B	0.09894	28081.64
20	16.35	2990		B	0.00299	975.95
21	17.10	52199		B	0.05220	12458.52
22	17.39	2472	Hept. epoxide	B	6.87e-04	931.57
23	17.97	10630		B	0.01063	2026.11
24	18.59	7591		B	0.00759	1899.24
25	18.88	2146	<u>Dieldrin</u>	B	0.00105	621.91
26	19.32	156867		B	0.15687	1993.29
27	19.91	4866		B	0.00487	1385.51
28	20.04	3379	Endosulfan H	B	-6.5e-04	1002.65
29	20.13	1346		V	0.00135	413.29
30	20.29	9393		B	0.00939	2723.49
31	20.66	79285		B	0.07929	21919.67
32	20.94	6763		B	0.00676	1558.77
33	21.29	21326		B	0.02133	4576.19
34	21.66	41219		B	0.04122	7116.42
35	22.01	29453	<u>Methoxychlor</u>	B	0.00463	3294.60
36	22.47	48927		B	0.04893	5959.76
37	22.56	39432		V	0.03943	6785.73
38	22.86	57138	Endrin ketone <i>w/long</i>	B	0.00115	10886.03
39	23.02	194416		V	0.19442	16303.22
40	23.30	58078		B	0.05808	5697.07
41	23.74	1317		B	0.00132	272.02
42	24.38	11886		B	0.01189	1469.31
43	26.16	3576		B	0.00358	572.04
44	26.47	875776	Decachlorobiphenyl	B	0.01352	130479.98
		3075262			1.18666	621079.29

Sample Name : AS80007648

Sample #: A9769102

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b10164.raw

Date : 07/03/2008 14:02:49

Method : 6890-5ins

Time of Injection: 07/03/2008 12:05:07

Start Time : 0.00 min

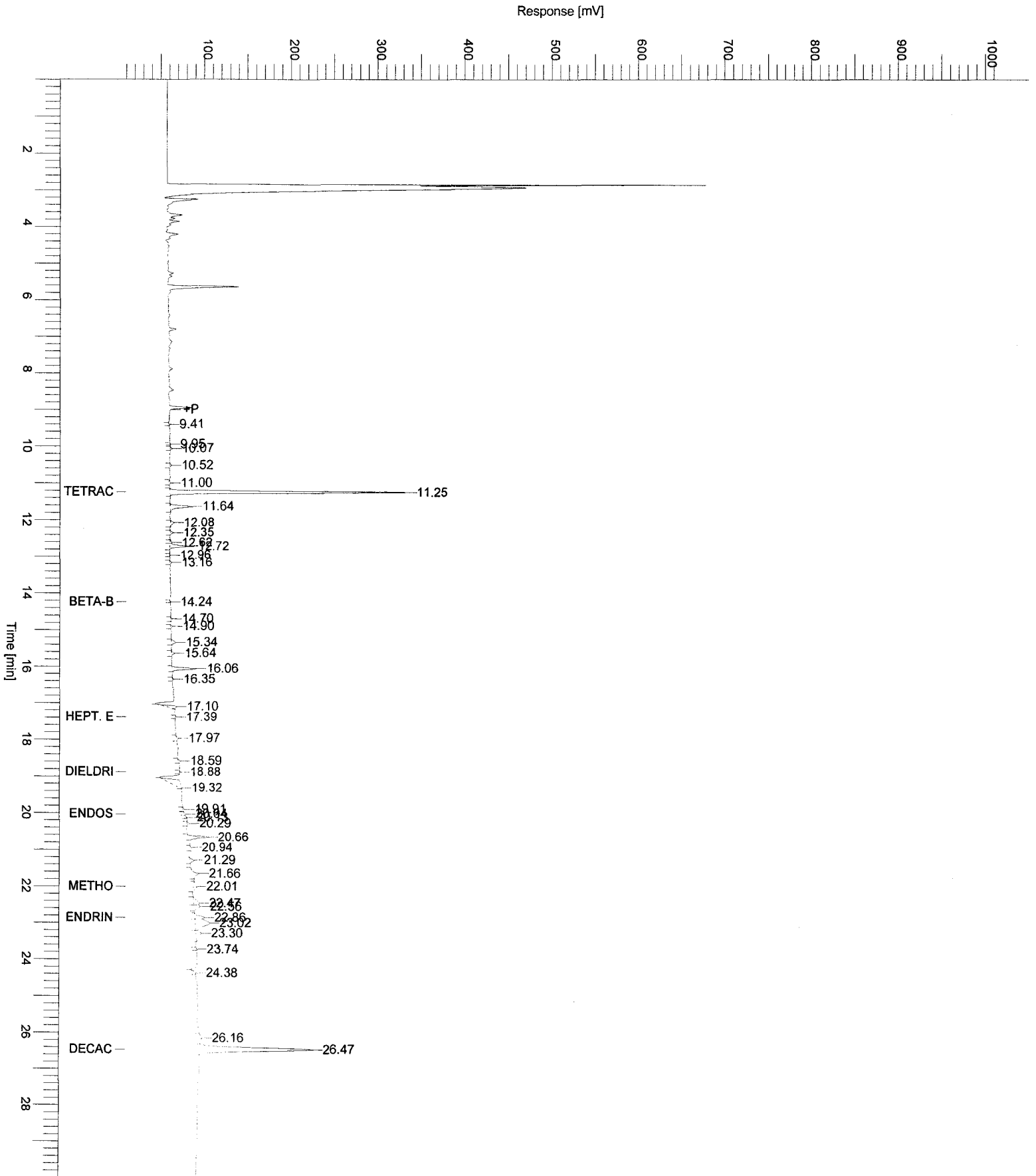
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 1010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 1000.0 mV



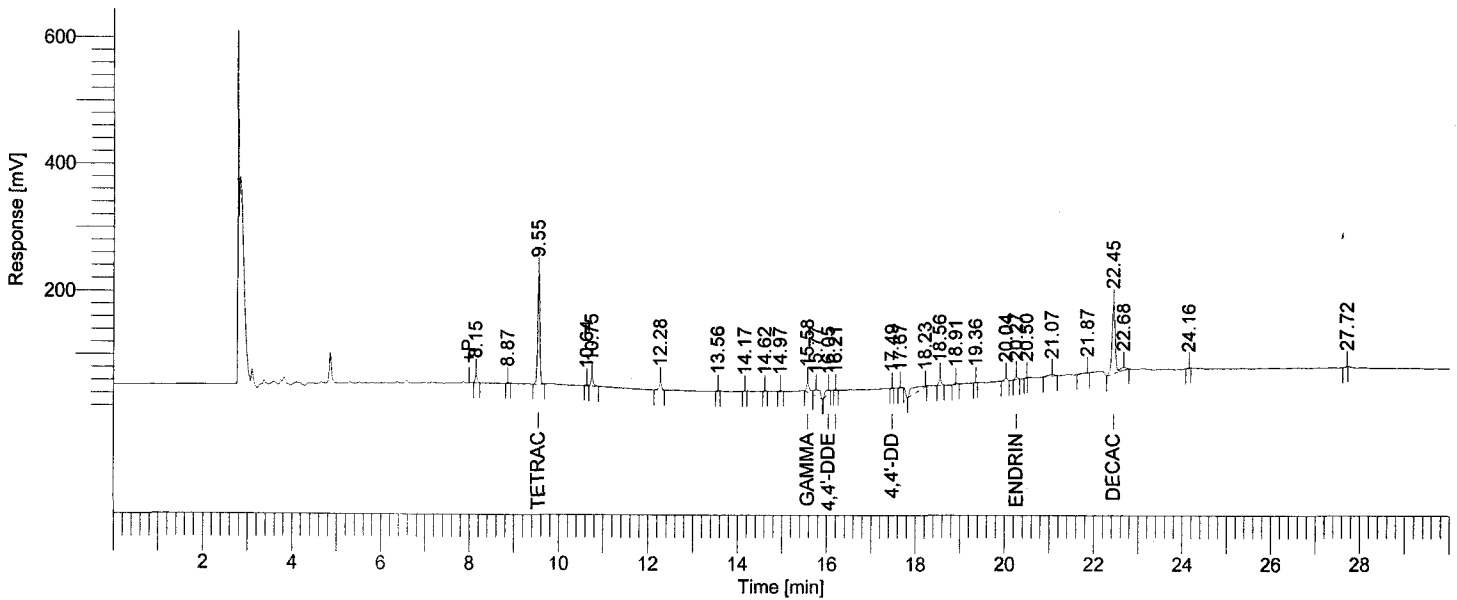
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Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75106
Operator          : tchrom
Sample Number     : A9769102
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/03/2008 12:05:07

Date              : 07/03/2008 14:02:44
Sample Name       : AS80007648
Study             : STA00201
Rack/Vial         : 1/64
Channel           : A
A/D mV Range     : 1000
End Time         : 30.00 min
Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 2
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a10164.raw <Modified>
Result File   : H:\TURBO6\6890-05\5a10164.rst
Inst Method   : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10164.raw
Proc Method   : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10164.rst
Calib Method  : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10164.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.15	40439		B	0.04044	13701.53
2	8.87	4112		B	0.00411	1456.23
3	9.55	567054	Tetrachloro-m-xylene	B	0.01900	174216.84
4	10.64	7852		B	0.00785	2368.89
5	10.75	53471		V	0.05347	13475.50
6	12.28	46285		B	0.04628	12076.70
7	13.56	5687		B	0.00569	1961.84
8	14.17	1721		B	0.00172	724.24
9	14.62	3411		B	0.00341	1066.70
10	14.97	5783		B	0.00578	1417.21
11	15.58	79264	gamma-chlordane	B	0.00257	14953.58
12	15.77	106534		V	0.10653	10048.29
13	16.05	45133	4,4'-DDE	B	0.00336	3877.70
14	16.21	2521	Endosulfan I	B	-9.4e-04	835.06
15	17.49	1665	4,4'-DDD	B	0.00160	554.12
16	17.67	5638		B	0.00564	1673.65

07/03/2008 14:02:44 Result: H:\TURBO6\6890-05\5a10164.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	18.23	159876		B	0.15988	1125.57
18	18.56	41594		B	0.04159	11505.33
19	18.91	9346		B	0.00935	2263.40
20	19.36	2032		B	0.00203	548.05
21	20.04	21662		B	0.02166	4680.71
22	20.27	17660	Endrin ketone	B	5.55e-04	4714.63
23	20.50	1559		B	0.00156	475.69
24	21.07	25916		B	0.02592	2689.34
25	21.87	8395		B	0.00840	605.61
26	22.45	523684	Decachlorobiphenyl	B	0.01545	109070.99
27	22.68	47423		E	0.04742	4926.71
28	24.16	2552		B	0.00255	609.16
29	27.72	2403		B	0.00240	484.88
		1840673			0.64529	398108.15

Sample Name : AS80007648

Sample # : A9769102

Page 1 of 1

FileName : H:\TURBO6\6890-05\5a10164.raw

Date : 07/03/2008 14:02:45

Time of Injection: 07/03/2008 12:05:07

Method : 6890-5ins

Start Time : 0.00 min

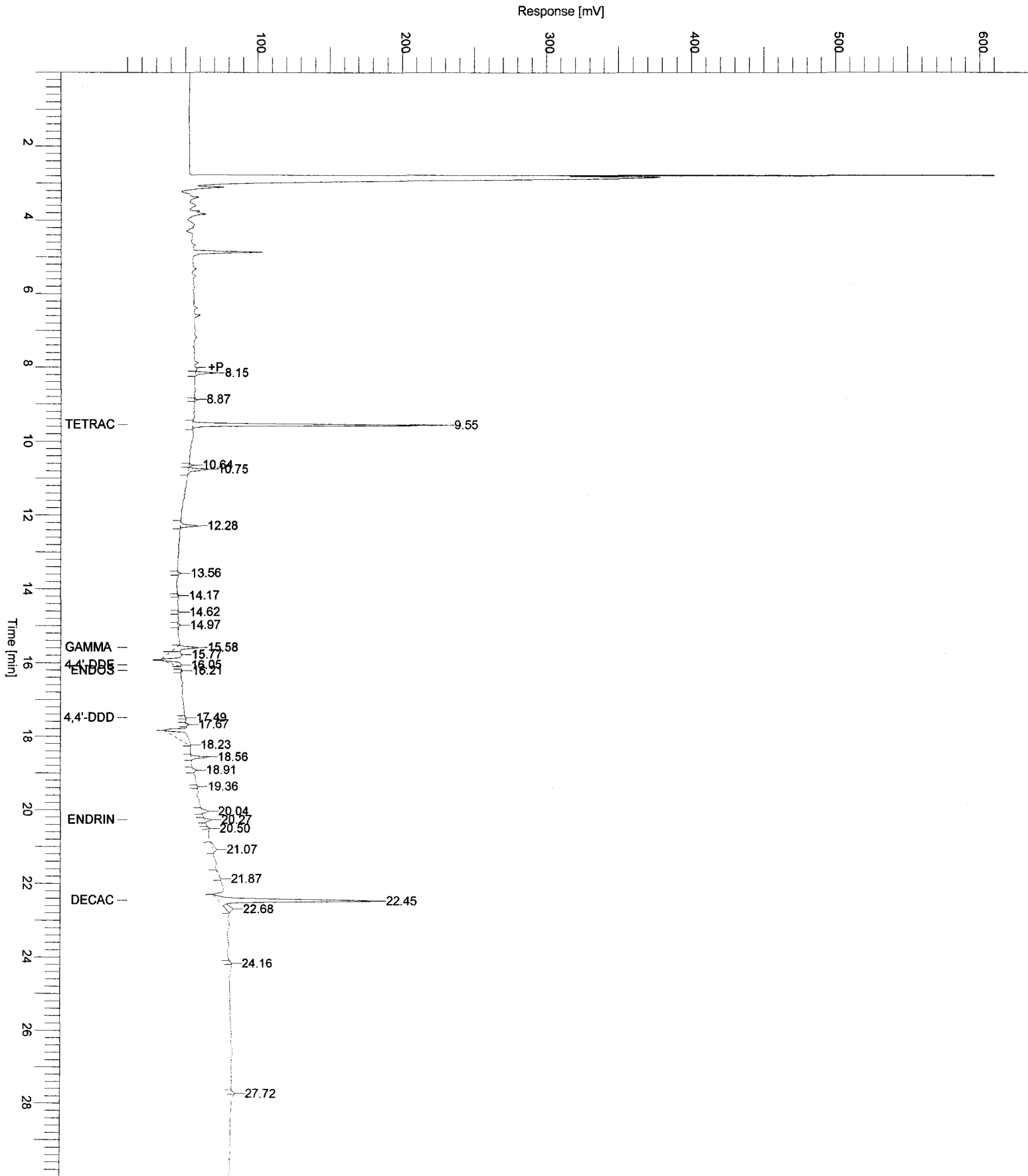
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 610.00 mV

Plot Offset: 10.00 mV

Plot Scale: 600.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805Sample wt/vol: 30.40 (g/mL) G Lab File ID: 6B15055.TX0% Moisture: 22 decanted: (Y/N) N Date Samp/Recv: 06/27/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/12/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

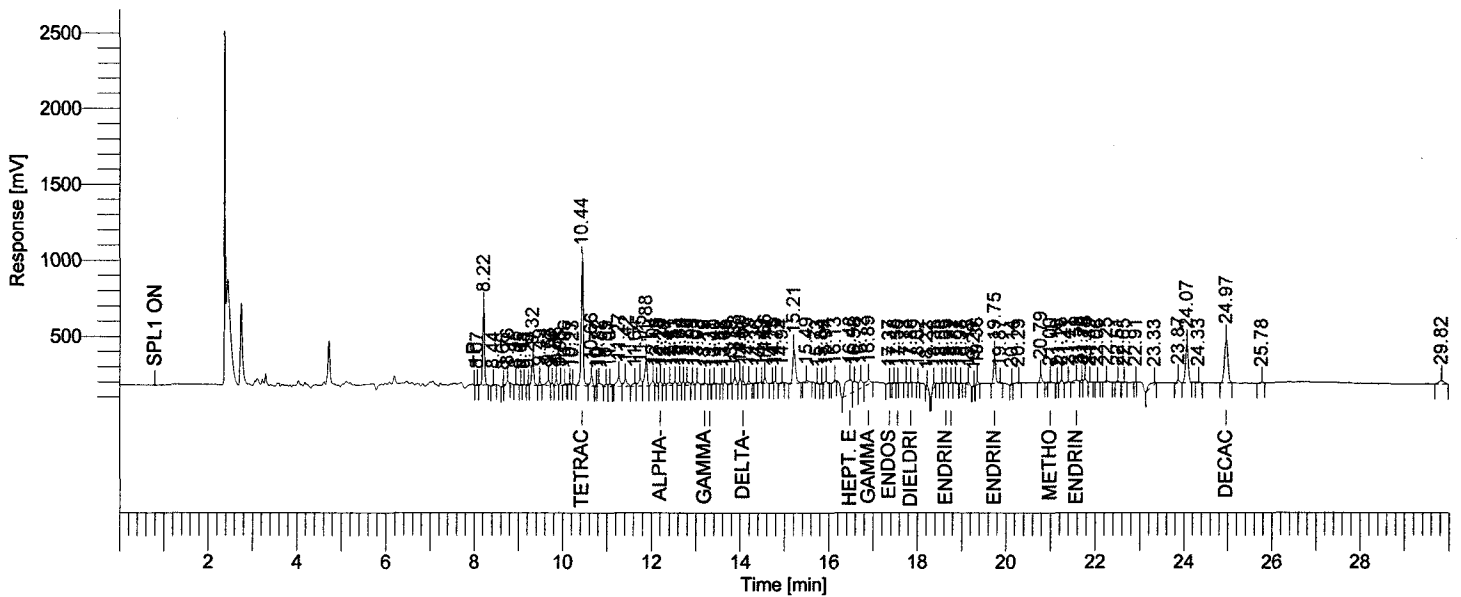
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	2.1	U
319-84-6-----	alpha-BHC	0.93	BJ
319-85-7-----	beta-BHC	2.1	U
58-89-9-----	gamma-BHC (Lindane)	2.1	U
319-86-8-----	delta-BHC	2.1	U
57-74-9-----	Chlordane	21	U
72-54-8-----	4,4'-DDD	2.1	U
72-55-9-----	4,4'-DDE	2.1	U
50-29-3-----	4,4'-DDT	2.1	U
60-57-1-----	Dieldrin	0.70	J
959-98-8-----	Endosulfan I	2.1	U
33213-65-9----	Endosulfan II	2.1	U
1031-07-8-----	Endosulfan Sulfate	2.1	U
72-20-8-----	Endrin	2.1	U
7421-93-4-----	Endrin aldehyde	3.5	U
76-44-8-----	Heptachlor	2.1	U
1024-57-3-----	Heptachlor epoxide	2.1	U
72-43-5-----	Methoxychlor	2.1	U
8001-35-2-----	Toxaphene	21	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 77409
 Operator : tchrom
 Sample Number : A8798805
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/12/2008 05:04:39

Date : 07/23/2008 11:55:41
 Sample Name : AS80007811
 Study : STA00201
 Rack/Vial : 1/55
 Channel : B
 A/D mV Range : 1000
 End Time : 29.97 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6b15055.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15055.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15055.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15055.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15055.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.07	18228		B	0.01823	6665.82
2	8.22	1469577		V	1.46958	508601.79
3	8.44	31113		B	0.03111	7606.64
4	8.66	12823		B	0.01282	4701.74
5	8.76	72252		V	0.07225	20837.81
6	8.95	21271		B	0.02127	5818.68
7	9.05	6300		B	0.00630	2487.54
8	9.13	16017		V	0.01602	4859.37
9	9.23	21876		B	0.02188	7237.35
10	9.32	556522		V	0.55652	167615.28
11	9.49	85592		B	0.08559	26218.15
12	9.68	191670		V	0.19167	33779.93
13	9.76	51301		V	0.05130	16272.25
14	9.86	117831		V	0.11783	37913.19
15	9.95	56667		V	0.05667	18644.68
16	10.06	18019		B	0.01802	5737.48
17	10.17	29343		B	0.02934	9342.28
18	10.23	27225		V	0.02722	7131.41
19	10.44	2662070	Tetrachloro-m-xylene	B	0.02128	816222.23
20	10.66	237442		V	0.23744	65006.66
21	10.77	23289		B	0.02329	11140.06
22	10.82	133451		V	0.13345	21732.07

7-23-08
 JWB

07/23/2008 11:55:41 Result: H:\TURBO6\6890-06\6b15055.rst

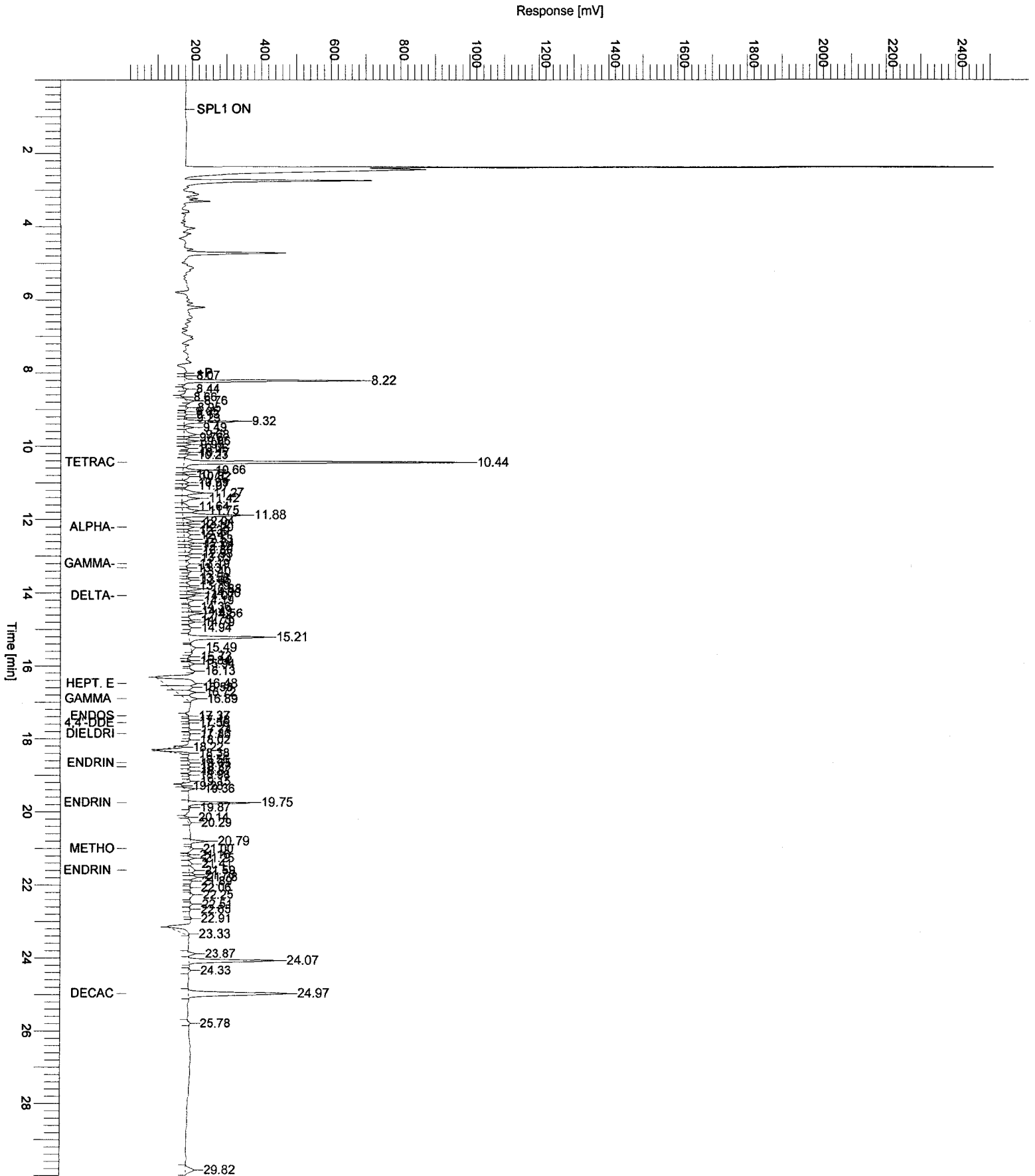
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
23	10.99	70843		V	0.07084	17010.45
24	11.07	75578		V	0.07558	18642.23
25	11.27	331039		V	0.33104	62004.17
26	11.42	253491		V	0.25349	49538.80
27	11.64	114891		B	0.11489	20410.05
28	11.75	247568		V	0.24757	47964.08
29	11.88	686086		V	0.68609	178368.44
30	12.04	136392		V	0.13639	31311.07
31	12.12	73560		V	0.07356	21045.76
32	12.20	121746	alpha-BHC	V	0.00222	28009.63
33	12.30	58503		V	0.05850	15702.79
34	12.41	126430		V	0.12643	18554.33
35	12.53	106127		V	0.10613	24049.02
36	12.64	102446		V	0.10245	26909.87
37	12.72	73587		V	0.07359	20339.20
38	12.80	117723		V	0.11772	21355.36
39	12.93	68367		V	0.06837	20371.80
40	13.03	74664		V	0.07466	14675.73
41	13.19	53782	gamma-BHC	V	0.00145	9730.13
42	13.31	6588	beta-BHC	V	-2.7e-04	2395.66
43	13.40	24772		B	0.02477	8033.93
44	13.58	19599		B	0.01960	7047.13
45	13.65	44088		V	0.04409	11944.91
46	13.79	32793		V	0.03279	8214.57
47	13.88	161198		V	0.16120	41105.88
48	14.00	128037		V	0.12804	39364.25
49	14.07	67669	delta-BHC	V	0.00208	21838.54
50	14.19	63972		B	0.06397	17883.35
51	14.36	20745		B	0.02075	5776.61
52	14.49	41137		V	0.04114	8745.39
53	14.56	122470		V	0.12247	39251.07
54	14.73	18162		V	0.01816	6308.94
55	14.79	55154		V	0.05515	16734.45
56	14.94	20258		B	0.02026	5727.07
57	15.21	969328		B	0.96933	223109.61
58	15.49	77287		V	0.07729	13062.41
59	15.73	16227		B	0.01623	5018.66
60	15.84	20171		B	0.02017	7008.46
61	15.94	57606		V	0.05761	15918.38
62	16.13	20617		B	0.02062	7379.62
63	16.48	1044954	Hept epoxide	B	0.00841	91503.71
64	16.58	420130		V	0.42013	65514.73
65	16.72	359749		V	0.35975	54563.70
66	16.89	220777	gamma-chlordane	V	0.00277	33384.77
67	17.37	13231	Endosulfan	B	6.00e-04	2283.43
68	17.48	10345		B	0.01035	3590.74
70	17.74	18322		B	0.01832	6230.57
71	17.86	6718	Dieldrin	B	0.00165	2346.63
72	18.02	8611		B	0.00861	3366.37
73	18.22	109416		B	0.10942	24494.74
74	18.38	142238		B	0.14224	32847.45
75	18.56	13138		B	0.01314	4088.19
76	18.65	38774	Endrin	V	0.00173	8939.40
77	18.77	27364	4,4'-DDD	V	8.98e-04	6592.02
78	18.87	34673		V	0.03467	9291.14
79	18.98	7594		B	0.00759	3382.48
80	19.15	77299		B	0.07730	15562.64
81	19.28	7871		B	0.00787	3191.53
82	19.36	82580		B	0.08258	27525.36
83	19.75	597264	Endrin aldehyde	B	0.00817	181125.24
84	19.87	14710		E	0.01471	4295.05
85	20.14	25408		B	0.02541	9079.08
86	20.29	65429		V	0.06543	7769.09
87	20.79	158257		B	0.15826	50425.15
88	21.00	51192	Methoxychlor	V	0.00556	9682.95
89	21.16	17869		B	0.01787	6393.45
90	21.25	64117		V	0.06412	17153.56
91	21.41	56092		V	0.05609	9503.62
92	21.59	137440	Endrin ketone	V	0.00283	16944.76
93	21.70	57788		V	0.05779	15385.55
94	21.78	99644		V	0.09964	21520.37
95	21.89	19914		V	0.01991	4581.21
96	22.06	9593		B	0.00959	2839.98
97	22.25	49531		B	0.04953	8693.08

07/23/2008 11:55:41 Result: H:\TURBO6\6890-06\6b15055.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
98	22.51	24210		B	0.02421	6409.15
99	22.65	12203		B	0.01220	3428.07
101	23.33	262794		B	0.26279	11738.94
102	23.87	85565		B	0.08557	20569.53
103	24.07	1111036		V	1.11104	252977.93
104	24.33	26172		B	0.02617	5786.95
105	24.97	1566978	Decachlorobiphenyl	B	0.01581	285422.22
106	25.78	24562		B	0.02456	4743.45
107	29.82	197829		B	0.19783	24173.80
		18119963			11.57859	4.34e+06

Sample Name : AS80007811
FileName : H:\TURBO6\6890-06\6b15055.raw
Date : 07/23/2008 11:55:43
Method : 6890-6ins
Plot Offset: 10.00 mV

Sample #: A8798805 Page 1 of 1
Time of Injection: 07/12/2008 05:04:39
Start Time : 0.00 min End Time : 30.00 min
Low Point : 10.00 mV High Point : 2510.00 mV
Plot Scale: 2500.0 mV



```

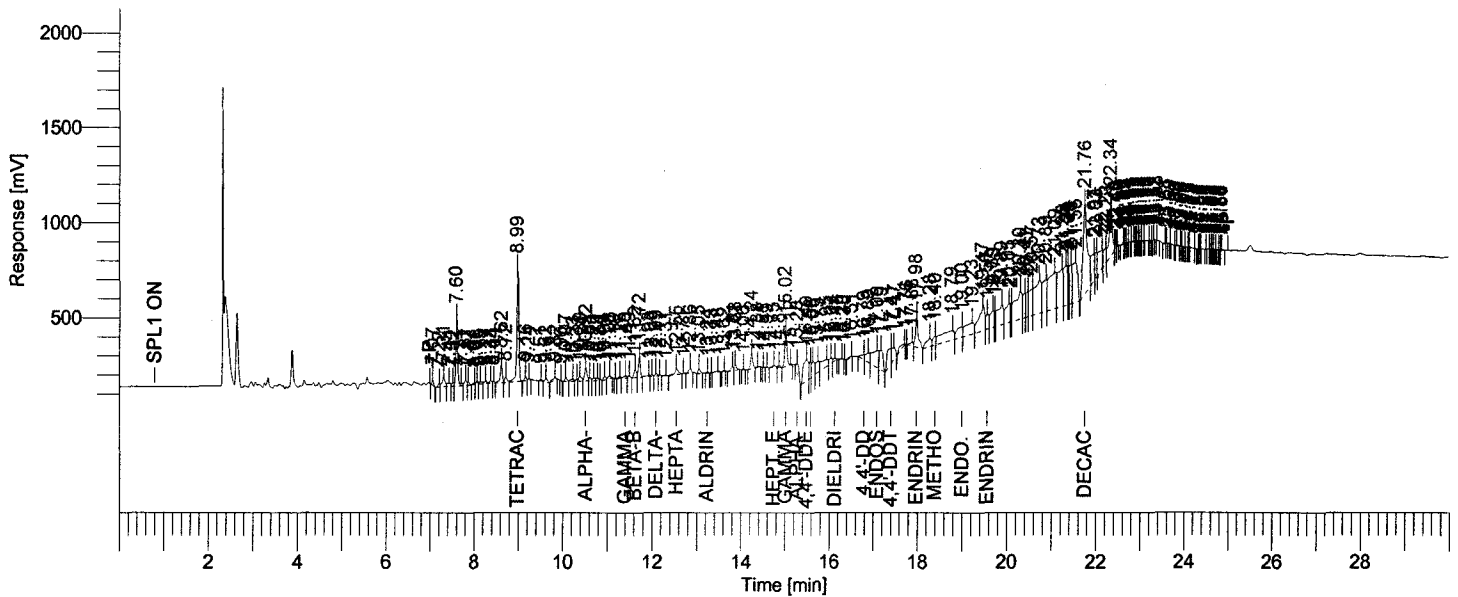
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf1938: 77408
Operator : tchrom
Sample Number : A8798805
AutoSampler : BUILT-IN
Instrument Name : HP6890-06
Instrument Serial # : CN10520010
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 07/12/2008 05:04:39

Date : 07/23/2008 11:55:38
Sample Name : AS80007811
Study : STA00201
Rack/Vial : 1/55
Channel : A
A/D mV Range : 1000
End Time : 29.97 min

Area Reject : 6000.000000
Dilution Factor : 1.00
Cycle : 1
    
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Raw Data File : H:\TURBO6\6890-06\6a15055.raw <Modified>
Result File : H:\TURBO6\6890-06\6a15055.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15055.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15055.rst
Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15055.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-15.seq
    
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HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.07	65879		B	0.06588	25596.44
2	7.22	53435		B	0.05343	15868.91
3	7.31	229335		V	0.22934	48945.70
4	7.44	109460		V	0.10946	18614.38
5	7.52	60927		V	0.06093	18159.88
6	7.60	1002136		V	1.00214	349655.52
7	7.71	49530		E	0.04953	11960.00
8	7.81	104337		V	0.10434	25979.17
9	7.87	48203		V	0.04820	16743.67
10	8.01	17959		B	0.01796	5524.51
11	8.06	48201		V	0.04820	12941.09
12	8.15	55473		V	0.05547	11745.06
13	8.27	57966		V	0.05797	14935.84
14	8.38	49624		V	0.04962	12727.52
15	8.44	30382		V	0.03038	9536.62
16	8.62	329140		V	0.32914	98538.22
17	8.72	106267		V	0.10627	28247.36
18	8.99	1881892	Tetrachloro-m-xylene	V	0.01497	591408.85
19	9.16	66158		B	0.06616	19551.63
20	9.24	26030		V	0.02603	9684.05
21	9.51	22404		B	0.02240	7345.81
22	9.62	75792		V	0.07579	18218.78

07/23/2008 11:55:38 Result: H:\TURBO6\6890-06\6a15055.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
23	9.82	80291		B	0.08029	13713.25
24	9.96	8153		B	0.00815	4688.52
25	10.07	66651		B	0.06665	19253.79
26	10.23	58123		V	0.05812	11007.52
27	10.31	25340		V	0.02534	9582.04
28	10.39	127344		V	0.12734	24339.63
29	10.52	266095	alpha-BHC	V	0.00178	66583.58
30	10.61	61688		V	0.06169	17017.55
31	10.70	64413		V	0.06441	14384.27
32	10.78	58532		V	0.05853	13094.08
33	10.84	19752		V	0.01975	8875.64
34	10.94	67086		B	0.06709	17745.98
35	11.06	64140		V	0.06414	14270.35
37	11.28	33442		B	0.03344	9630.42
38	11.40	60850	gamma-BHC	V	6.12e-04	12244.01
39	11.49	34812		V	0.03481	9543.67
40	11.62	157844	beta-BHC	V	9.68e-04	40060.09
41	11.72	333639		V	0.33364	103840.78
42	11.93	29286		V	0.02929	5299.65
43	12.00	29865		V	0.02987	9343.37
44	12.09	50611	delta-BHC	V	0.00144	12971.79
45	12.17	20321		V	0.02032	7083.43
46	12.31	16065		V	0.01606	3889.96
47	12.55	165141	Heptachlor	B	0.00121	28216.63
48	12.71	8451		V	0.00845	3142.78
49	12.86	94738		B	0.09474	24505.26
50	13.05	83699		B	0.08370	22952.79
51	13.24	12957	Aldrin	B	4.14e-04	4136.39
53	13.48	32613		V	0.03261	5379.85
54	13.62	6493		B	0.00649	1661.69
55	13.81	85189		B	0.08519	22161.36
56	13.88	96093		V	0.09609	26762.13
57	14.06	12671		B	0.01267	5546.27
58	14.24	266700		B	0.26670	77088.86
59	14.38	23410		V	0.02341	5426.58
61	14.59	7830		V	0.00783	2975.44
62	14.75	72906	Hept. epoxide	B	-2.4e-04	10930.49
63	14.87	41541		V	0.04154	8743.70
64	15.02	668417	gamma-chlordane	B	0.00454	190493.56
65	15.12	13315		E	0.01331	5282.23
66	15.28	234240	alpha-chlordane	B	0.00163	46877.38
67	15.49	921047	4,4'-DDE	B	0.00760	111062.72
68	15.58	264526	Endosulfan I	V	8.99e-04	82831.99
69	15.63	363142		V	0.36314	74484.96
70	15.75	328736		V	0.32874	56869.04
71	15.95	477401		V	0.47740	35300.94
72	16.04	147435		V	0.14744	27965.34
73	16.14	62732	Dieldrin	V	5.69e-04	11450.73
74	16.29	24680		B	0.02468	5986.84
75	16.35	10406		V	0.01041	5208.59
76	16.51	30344		B	0.03034	2200.30
77	16.79	122094	4,4'-DDD	B	0.00140	26548.90
78	16.89	325467		V	0.32547	49568.47
79	17.09	941703	Endosulfan II	V	0.00756	91034.52
80	17.19	574865		V	0.57487	102190.19
81	17.41	628403	4,4'-DDT	B	0.00998	79526.30
82	17.47	385992		V	0.38599	60772.95
83	17.71	168484		V	0.16848	3389.19
85	17.88	97694		V	0.09769	19727.50
86	17.98	722191	Endrin aldehyde	V	0.00693	155781.19
87	18.28	375235		B	0.37524	43686.35
88	18.40	209835	Methoxychlor	V	0.00708	44841.79
89	18.79	1180954		V	1.18095	48954.25
90	19.00	533316	Endo-Sulfate	V	0.00491	52933.79
91	19.23	867377		V	0.86738	58321.12
92	19.47	1204504		V	1.20450	129866.80
93	19.57	342814	Endrin ketone	V	0.00282	74908.59
94	19.69	573183		V	0.57318	86547.05
95	19.73	101001		V	0.10100	80893.80
96	19.89	990029		V	0.99003	103044.61
97	20.05	752296		V	0.75230	98854.45
98	20.11	191953		V	0.19195	96156.62
99	20.30	1636191		V	1.63619	146507.67
100	20.41	507668		V	0.50767	129169.55

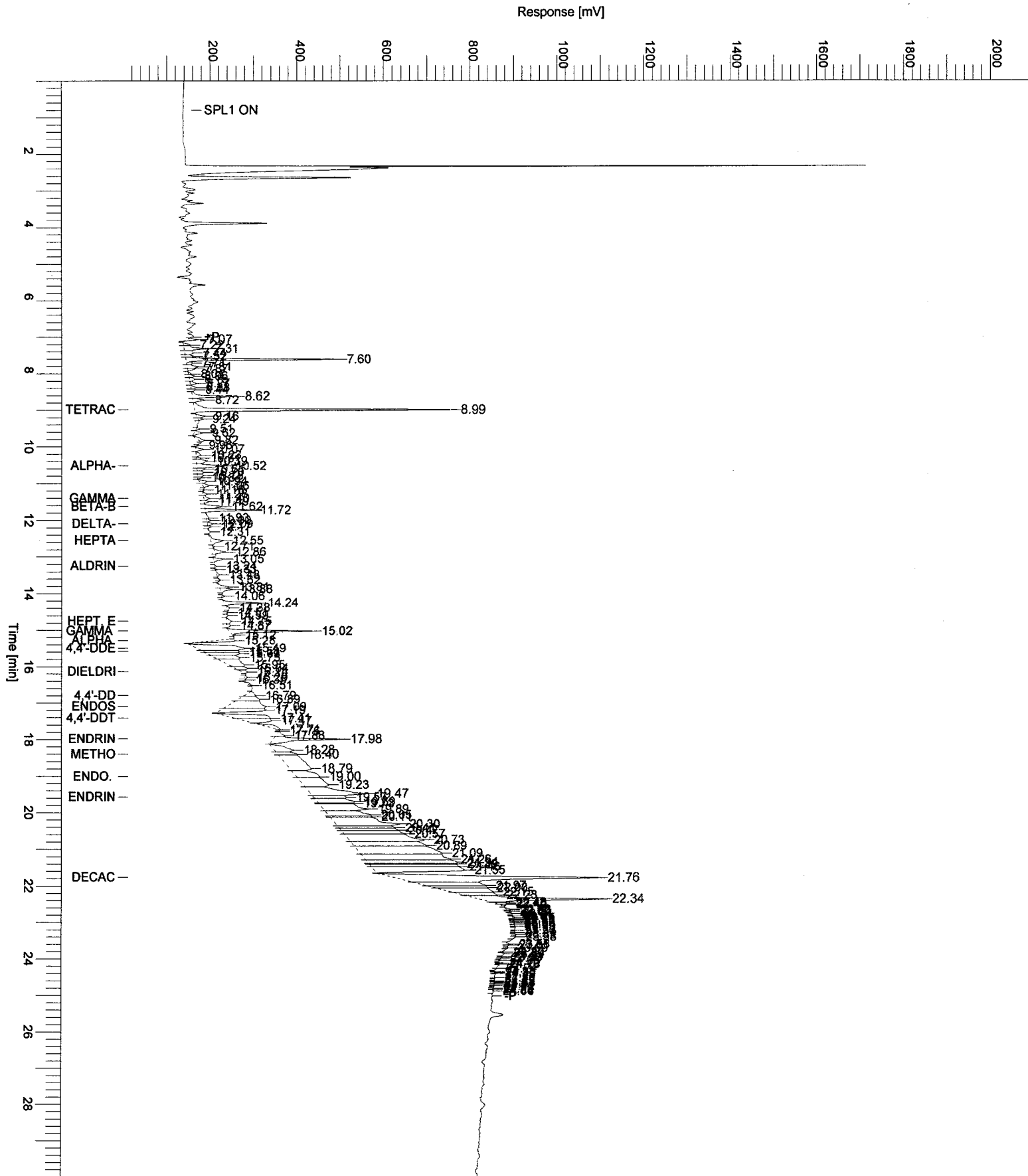
07/23/2008 11:55:38 Result: H:\TURBO6\6890-06\6a15055.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
101	20.47	480744		V	0.48074	132540.10
102	20.57	810086		V	0.81009	139668.22
103	20.73	1834768		V	1.83477	173194.13
104	20.89	1215870		V	1.21587	167344.17
105	21.09	2332024		V	2.33202	189186.42
106	21.26	1766122		V	1.76612	197397.45
107	21.34	1234137		V	1.23414	206703.69
108	21.39	293457		V	0.29346	201945.08
109	21.46	811929		V	0.81193	204209.85
110	21.55	1650868		V	1.65087	208968.05
111	21.76	3276341	Decachlorobiphenyl	B	0.03141	468480.36
112	21.97	876850		V	0.87685	137995.01
113	22.03	449253		V	0.44925	123880.57
114	22.15	763441		V	0.76344	96048.07
115	22.23	415143		V	0.41514	75923.50
116	22.34	1394940		V	1.39494	282936.21
117	22.43	26487		V	0.02649	30905.63
118	22.46	55453		V	0.05545	22329.66
119	22.49	17962		V	0.01796	10839.87
120	22.62	24124		B	0.02412	8107.03
121	22.65	6749		V	0.00675	4928.04
125	22.85	9814		V	0.00981	3641.91
136	23.38	7344		B	0.00734	2187.38
137	23.58	14841		B	0.01484	5131.05
141	23.84	16638		V	0.01664	4784.91
159	24.86	9010		V	0.00901	2527.44
		44009371			32.52191	7.61e+06

Sample Name : AS80007811
FileName : H:\TURBO6\6890-06\6a15055.raw
Date : 07/23/2008 11:55:40
Method : 6890-6ins
Plot Offset: 10.00 mV

Sample #: A8798805 Page 1 of 1

Time of Injection: 07/12/2008 05:04:39
Start Time : 0.00 min End Time : 30.00 min
Low Point : 10.00 mV High Point : 2010.00 mV
Plot Scale: 2000.0 mV



LABELLA ASSOCIATES
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 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805RESample wt/vol: 30.26 (g/mL) G Lab File ID: 6B15101.TX0% Moisture: 22 decanted: (Y/N) N Date Samp/Recv: 06/27/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

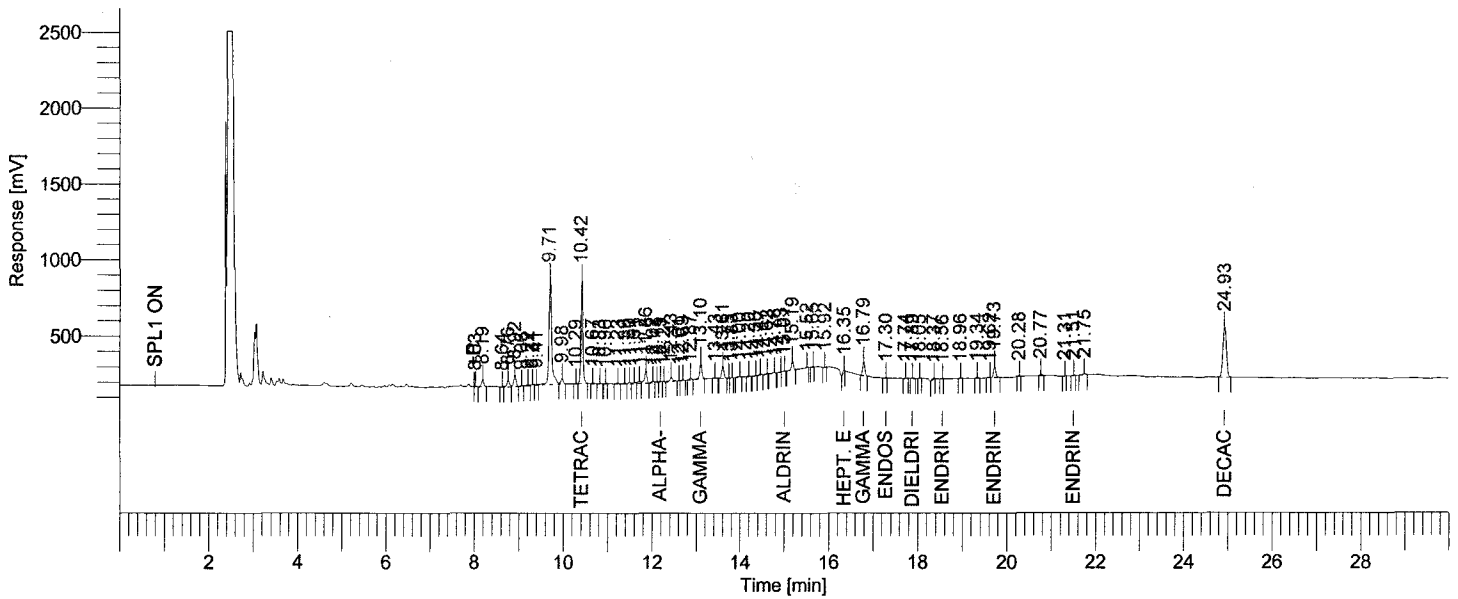
Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	2.1	U
319-84-6-----	alpha-BHC	0.76	J
319-85-7-----	beta-BHC	2.1	U
58-89-9-----	gamma-BHC (Lindane)	1.4	J
319-86-8-----	delta-BHC	2.1	U
57-74-9-----	Chlordane	21	U
72-54-8-----	4,4'-DDD	2.1	U
72-55-9-----	4,4'-DDE	2.1	U
50-29-3-----	4,4'-DDT	2.1	U
60-57-1-----	Dieldrin	2.1	U
959-98-8-----	Endosulfan I	2.1	U
33213-65-9----	Endosulfan II	2.1	U
1031-07-8-----	Endosulfan Sulfate	2.1	U
72-20-8-----	Endrin	2.1	U
7421-93-4-----	Endrin aldehyde	2.1	U
76-44-8-----	Heptachlor	2.1	U
1024-57-3-----	Heptachlor epoxide	2.1	U
72-43-5-----	Methoxychlor	2.1	U
8001-35-2-----	Toxaphene	21	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76916
 Operator : tchrom
 Sample Number : A8798805RE
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 15:38:38

Date : 07/17/2008 07:25:27
 Sample Name : AS80008154
 Study : STA00201
 Rack/Vial : 1/1
 Channel : B
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 12

Raw Data File : H:\TURBO6\6890-06\6b15101.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15101.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15101.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15101.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15101.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.03	7556		B	0.00756	2524.43
2	8.19	162820		B	0.16282	45453.16
3	8.64	18075		B	0.01807	5057.33
4	8.76	183012		V	0.18301	43996.11
5	8.92	270276		V	0.27028	77272.21
6	9.06	21985		B	0.02198	5685.48
7	9.22	44189		V	0.04419	10045.87
8	9.31	32206		V	0.03221	8097.49
9	9.41	30989		V	0.03099	6896.68
10	9.71	3008465		V	3.00846	696327.77
11	9.98	132030		V	0.13203	34318.52
13	10.42	2202025	Tetrachloro-m-xylene	B	0.01773	681021.86
14	10.67	29289		B	0.02929	7794.50
15	10.83	20941		B	0.02094	5199.16
16	10.96	10734		B	0.01073	3669.91
17	11.23	31510		B	0.03151	6097.03
18	11.39	32618		V	0.03262	6539.05
19	11.50	43795		V	0.04380	12259.08
20	11.61	51524		V	0.05152	10552.65
21	11.72	73832		V	0.07383	13202.61
22	11.86	306043		V	0.30604	80020.80
23	12.02	52642		B	0.05264	10577.49

7-23-08
 JJB

07/17/2008 07:25:27 Result: H:\TURBO6\6890-06\6b15101.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
24	12.11	27202		V	0.02720	7051.69
25	12.19	30116	alpha-BHC	V	0.00179	7503.92
26	12.27	21300		V	0.02130	6231.11
27	12.43	133349		V	0.13335	25670.99
29	12.69	18614		V	0.01861	4570.07
30	12.87	40489		B	0.04049	11038.96
31	13.10	388717	gamma-BHC	V	0.00330	108159.21
32	13.43	15997		B	0.01600	4124.41
33	13.61	287946		V	0.28795	75167.04
36	14.00	23114		B	0.02311	3931.26
37	14.20	14537		B	0.01454	4305.93
38	14.36	9827		B	0.00983	2503.16
39	14.47	35311		B	0.03531	8245.66
40	14.62	8064		B	0.00806	1329.79
41	14.78	17623		B	0.01762	2454.73
42	14.93	8944		B	0.00894	2101.41
43	15.01	6768	Aldrin	V	0.00128	1773.80
44	15.19	192356		B	0.19236	59444.82
45	15.52	10882		V	0.01088	1851.33
48	16.35	45156	Hept. epoxide	B	0.00112	10160.38
49	16.79	322128	gamma chlordane	B	0.00350	89221.55
51	17.74	12730		B	0.01273	4095.68
52	17.89	9814	Dieldrin	B	0.00167	3006.82
54	18.37	34584		B	0.03458	4808.31
56	18.96	10602		B	0.01060	3629.77
57	19.34	24487		B	0.02449	7676.17
58	19.62	10596		B	0.01060	2677.36
59	19.73	266372	Endrin aldehyde	V	0.00373	75043.59
61	20.77	31435		B	0.03143	10406.13
63	21.51	9496	Endrin ketone	B	0.00150	3204.03
64	21.75	33881		B	0.03388	7998.71
65	24.93	1782602	Decachlorobiphenyl	B	0.01803	326553.74
					10651597	5.64205 2.66e+06

Sample Name : AS80008154

Sample #: A8798805RE

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15101.raw

Date : 07/17/2008 07:25:28

Method : 6890-6ins

Time of Injection: 07/16/2008 15:38:38

Start Time : 0.00 min

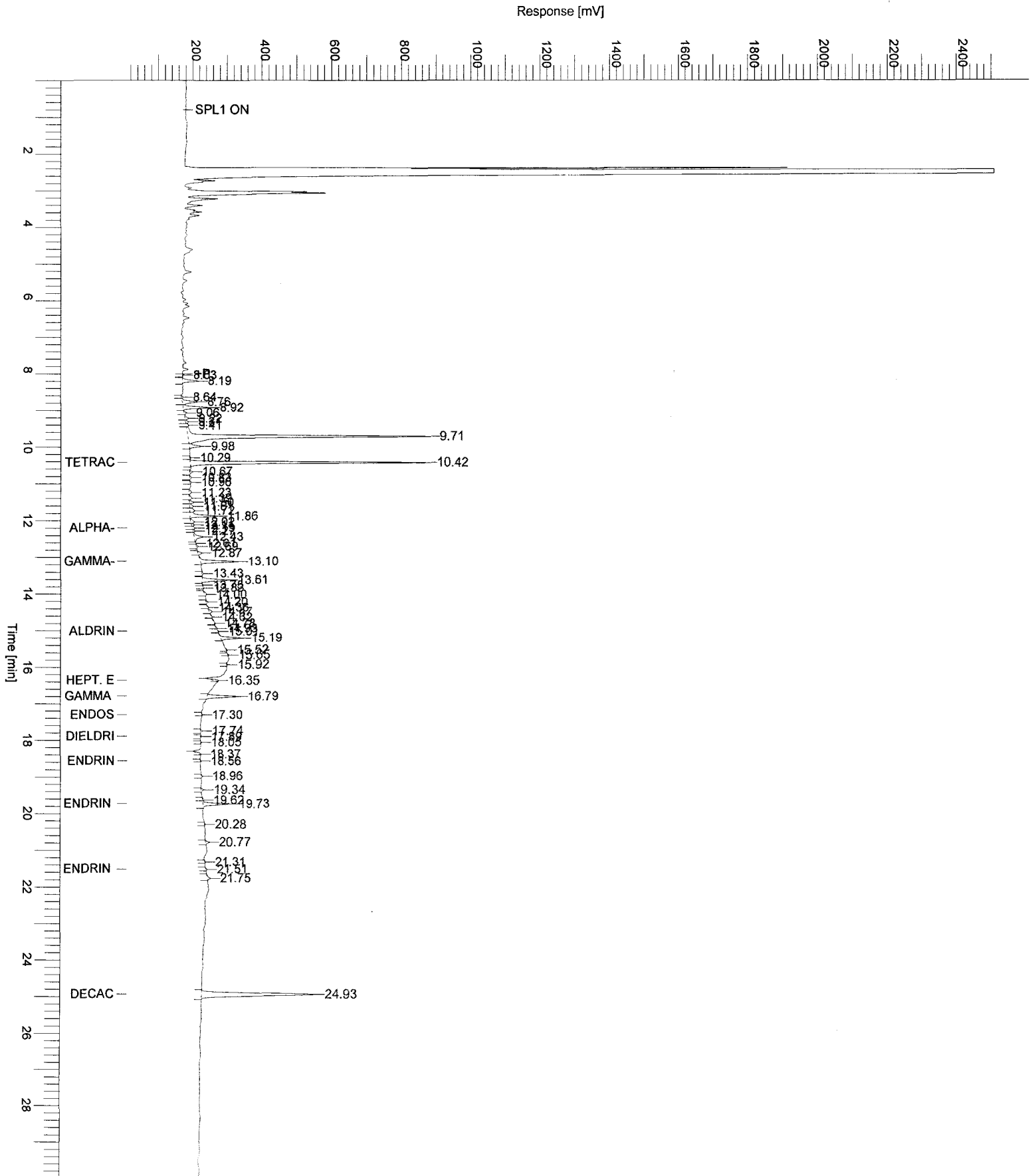
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

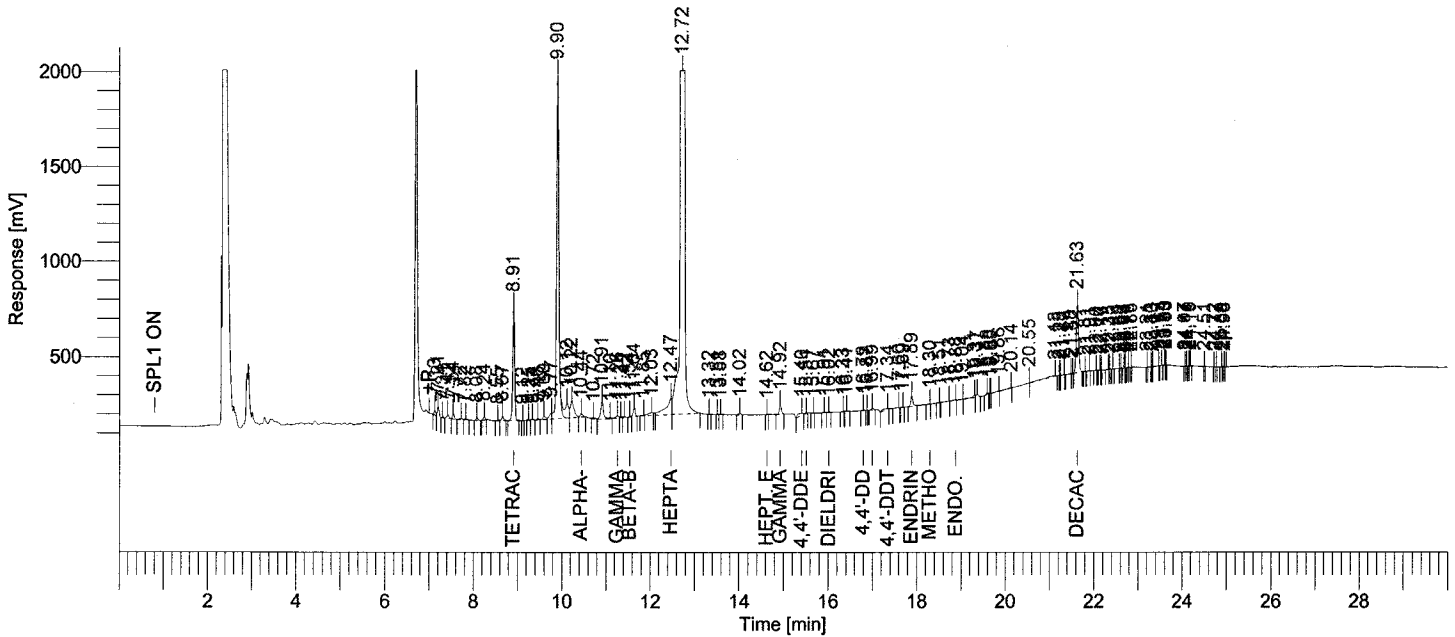
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76915
 Operator : tchrom
 Sample Number : A8798805RE
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 15:38:38

Date : 07/17/2008 07:25:24
 Sample Name : AS80008154
 Study : STA00201
 Rack/Vial : 1/1
 Channel : A
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 12

Raw Data File : H:\TURBO6\6890-06\6a15101.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15101.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15101.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15101.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15101.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.13	58924		B	0.05892	21780.42
2	7.21	137181		V	0.13718	48011.64
3	7.31	12330		B	0.01233	4501.89
4	7.42	63792		V	0.06379	15089.32
5	7.54	85978		B	0.08598	27066.82
6	7.72	28075		B	0.02807	6553.79
7	7.82	25471		V	0.02547	7122.88
8	8.08	40662		B	0.04066	11198.53
9	8.24	46983		B	0.04698	16262.33
10	8.55	7635		B	0.00763	2396.28
11	8.67	63060		V	0.06306	18536.79
12	8.91	1807787	Tetrachloro-m-xylene	B	0.01441	591054.57
14	9.25	15427		B	0.01543	5282.99
15	9.34	19990		V	0.01999	5709.70
16	9.46	19756		B	0.01976	5896.19
17	9.60	79591		V	0.07959	17249.05
18	9.77	129604		V	0.12960	30022.90
19	9.90	6532906		V	6.53291	1.81e+06
20	10.12	552870		E	0.55287	74371.59
21	10.22	518499		V	0.51850	84667.19
22	10.44	61617	alpha-BHC	V	7.60e-04	15652.78
23	10.72	24576		B	0.02458	5252.65

07/17/2008 07:25:24 Result: H:\TURBO6\6890-06\6a15101.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
24	10.91	408770		B	0.40877	99933.43
25	11.10	34751		E	0.03475	6202.70
26	11.26	62296	gamma-BHC	V	6.21e-04	12290.30
27	11.34	21750		V	0.02175	6045.94
28	11.42	26320		V	0.02632	5758.00
29	11.54	24163	beta-BHC	B	-9.8e-04	6750.51
30	11.64	154244		V	0.15424	50235.42
31	11.85	14486		B	0.01449	4006.70
32	12.03	108723		V	0.10872	13897.34
33	12.47	817308	Heptachlor	V	0.00510	83271.39
34	12.72	92988890		V	-----	2.68e+07
38	14.02	34171		B	0.03417	9430.34
40	14.92	138004	gamma chlordane	B	9.29e-04	44793.84
41	15.40	118600	4,4'-DDE	B	0.00187	11973.83
42	15.51	20605	Endosulfan I	V	-1.0e-03	3057.78
44	15.91	9995		B	0.00999	2986.85
46	16.33	9055		B	0.00905	2746.72
47	16.41	19157		V	0.01916	4531.22
48	16.79	10856	4,4'-DDD	B	4.45e-04	3813.45
50	16.99	26647	Endosulfan II	B	-5.1e-04	8083.24
51	17.34	61845	4,4'-DDT	B	0.00470	2656.09
54	17.89	170598	Endrin aldehyde	B	6.77e-05	51070.95
58	18.88	12576	Endo-Sulfate	B	-3.8e-04	1580.56
59	19.04	8101		V	0.00810	1019.59
60	19.31	47959		V	0.04796	11382.15
61	19.37	58286		V	0.05829	15333.32
62	19.59	20467		B	0.02047	5797.08
65	19.86	10621		B	0.01062	2086.62
66	20.14	16764		V	0.01676	2057.01
67	20.55	15256		V	0.01526	2227.31
68	21.13	139501		V	0.13950	4574.80
72	21.48	9406		V	0.00941	1696.00
74	21.63	1310288	Decachlorobiphenyl	B	0.01258	353874.21
92	23.47	7086		V	0.00709	705.56
					1e+08	3.04e+07
					9.67678	3.04e+07

Warning -- Signal level out-of-range in peak

Sample Name : AS80008154

Sample # : A8798805RE

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15101.raw

Date : 07/17/2008 07:25:25

Time of Injection: 07/16/2008 15:38:38

Method : 6890-6ins

Start Time : 0.00 min

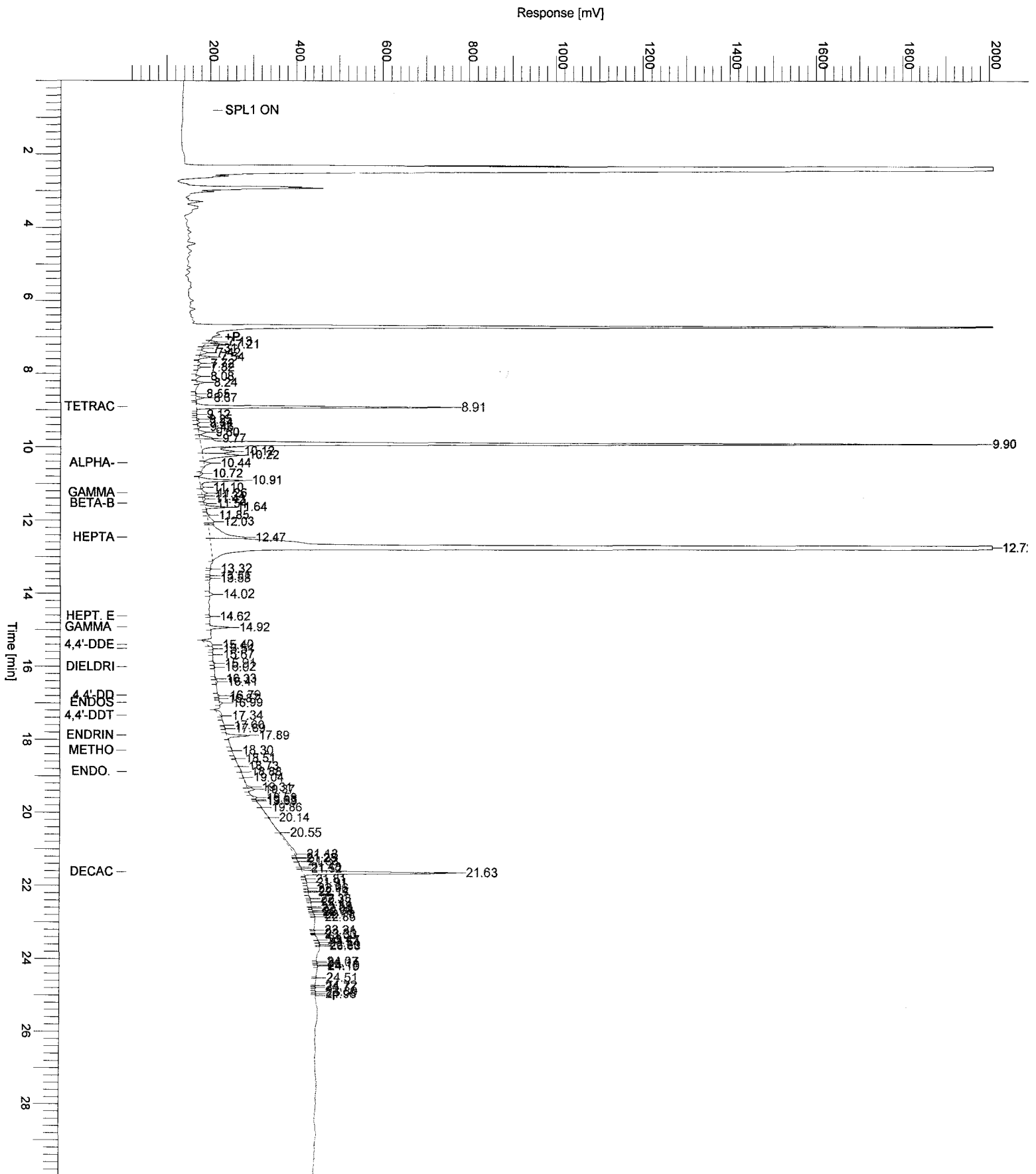
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 2000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801

Sample wt/vol: 30.30 (g/mL) G Lab File ID: 6B15051.TX0

% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

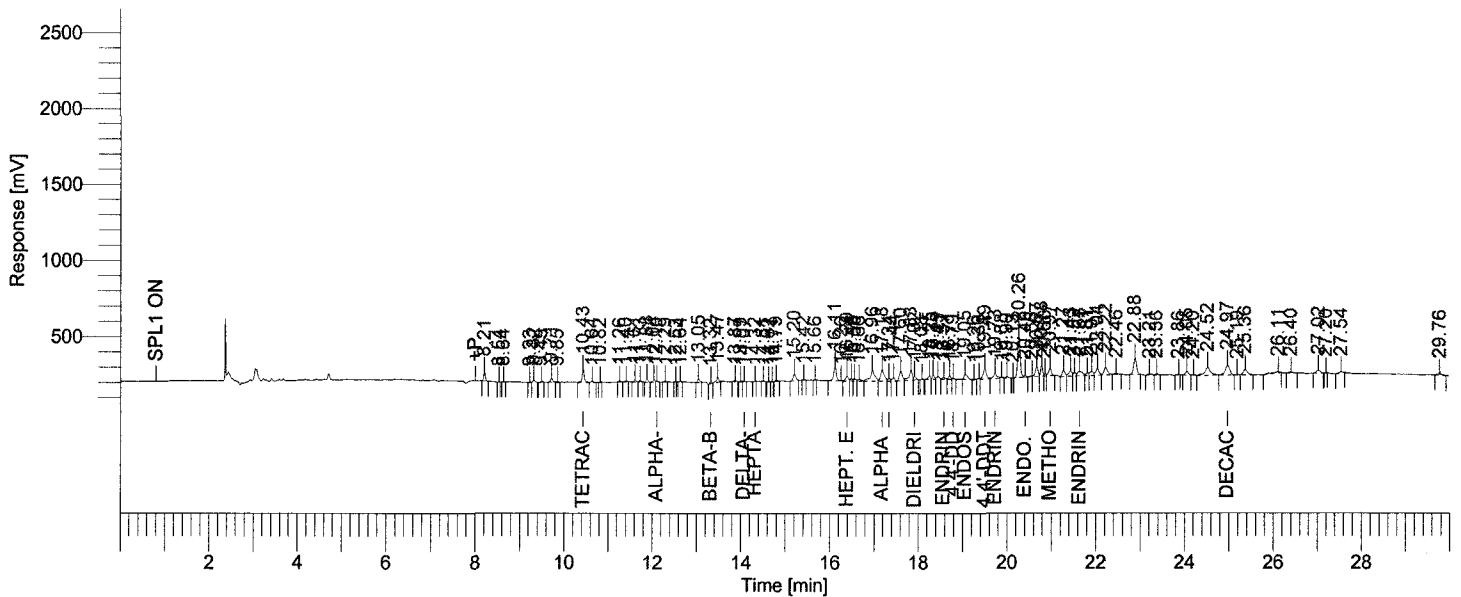
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2	Aldrin	19	U
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
319-86-8	delta-BHC	19	U
57-74-9	Chlordane	190	U
72-54-8	4,4'-DDD	19	U
72-55-9	4,4'-DDE	19	U
50-29-3	4,4'-DDT	35	
60-57-1	Dieldrin	8.9	J
959-98-8	Endosulfan I	4.3	BJ
33213-65-9	Endosulfan II	19	U
1031-07-8	Endosulfan Sulfate	19	U
72-20-8	Endrin	19	U
7421-93-4	Endrin aldehyde	19	U
76-44-8	Heptachlor	19	U
1024-57-3	Heptachlor epoxide	7.0	J
72-43-5	Methoxychlor	19	U
8001-35-2	Toxaphene	190	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76668
 Operator : tchom
 Sample Number : A8798801
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/11/2008 10:36:48

Date : 07/14/2008 08:58:19
 Sample Name : AS80007807
 Study : STA00201
 Rack/Vial : 1/51
 Channel : B
 A/D mV Range : 1000
 End Time : 29.97 min
 Area Reject : 6000.000000
 Dilution Factor : 10.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6b15051.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15051.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15051.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15051.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15051.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.21	154981		B	0.15498	57143.31
3	8.64	7783		B	0.00778	2932.00
4	9.23	6393		B	0.00639	2464.61
5	9.32	39018		V	0.03902	12546.24
6	9.49	11471		B	0.01147	2892.27
7	9.71	86020		B	0.08602	23845.99
8	9.85	7330		V	0.00733	2625.36
9	10.43	281522	Tetrachloro-m-xylene	B	0.00292	81676.11
10	10.64	31880		V	0.03188	7295.40
12	11.26	13103		B	0.01310	4793.41
13	11.40	20964		B	0.02096	5630.26
14	11.61	43384		B	0.04338	13801.68
15	11.73	6452		B	0.00645	2139.84
16	11.88	66260		B	0.06626	20605.59
17	12.04	50781		B	0.05078	13704.39
18	12.10	24789	alpha-BHC wrong RT	B	0.00176	8221.43
19	12.29	20762		B	0.02076	7169.83
21	12.64	9640		B	0.00964	3403.14
22	13.05	71113		B	0.07111	22361.74
23	13.32	37591	beta-BHC	B	1.65e-04	11539.28
24	13.47	116265		V	0.11627	27936.19
25	13.87	37407		B	0.03741	9539.71

7-23-08
 JJB

07/14/2008 08:58:19 Result: H:\TURBO6\6890-06\6b15051.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
26	13.99	19018		B	0.01902	5308.30
27	14.07	11827	delta-BHC	V	0.00176	3628.51
29	14.51	13813		B	0.01381	3978.01
30	14.62	8246		B	0.00825	2968.00
32	14.79	28037		B	0.02804	8803.76
33	15.20	170953		B	0.17095	40944.31
34	15.42	9178		B	0.00918	3654.54
36	16.11	405666		B	0.40567	96202.37
37	16.26	12669		E	0.01267	4610.55
38	16.39	136549	Hept. epoxide	B	0.00179	31274.70
39	16.48	56242		V	0.05624	14155.60
40	16.56	53314		V	0.05331	12280.72
41	16.66	63038		V	0.06304	10985.44
42	16.96	532001		B	0.53200	71642.57
43	17.18	409658	alpha chlordane	V	0.00423	69432.84
44	17.34	75900	Endosulfan I	V	0.00112	15294.47
45	17.44	83106		V	0.08311	18331.78
46	17.60	297306		B	0.29731	60822.18
47	17.83	323855		V	0.32385	63537.10
48	17.92	96224	Dieldrin	V	0.00232	27162.09
49	18.08	6310		B	0.00631	2061.28
50	18.25	87840		B	0.08784	25276.59
51	18.33	97253		V	0.09725	27544.83
52	18.45	80629		V	0.08063	16907.40
53	18.57	59976	Endrin	V	0.00193	11840.02
54	18.71	83998		V	0.08400	24161.81
55	18.79	15897	4,4'-DDD	V	7.85e-04	5349.84
56	19.05	180617	Endosulfan II	B	0.00208	32572.86
57	19.26	20144		B	0.02014	5890.33
58	19.36	29342		V	0.02934	8330.75
59	19.49	351472	4,4'-DDT	V	0.00904	67536.34
60	19.73	198213	Endrin aldehyde	V	0.00282	34475.28
61	19.88	34843		V	0.03484	8524.13
62	19.99	47469		V	0.04747	9663.71
64	20.26	1090653		V	1.09065	267726.53
65	20.40	46088	Endo. Sulfate	E	0.00124	12886.01
66	20.56	21904		V	0.02190	7531.82
67	20.67	295269		V	0.29527	66609.76
68	20.78	232907		V	0.23291	73341.92
69	20.86	47723		V	0.04772	14477.26
70	20.97	219413	Methoxychlor	V	0.00958	49422.40
71	21.27	173530		B	0.17353	38086.03
72	21.43	185398		V	0.18540	34717.85
73	21.52	102074		V	0.10207	22554.32
74	21.63	227635	Endrin ketone	V	0.00376	28654.33
75	21.81	88937		V	0.08894	18736.03
76	21.91	150415		V	0.15041	25443.82
77	22.04	222273		V	0.22227	42146.38
78	22.22	289594		V	0.28959	47479.01
79	22.46	49081		V	0.04908	7527.03
80	22.88	492435		B	0.49243	103168.26
81	23.21	64625		B	0.06462	8032.44
82	23.36	31955		V	0.03196	6329.45
83	23.86	9880		B	0.00988	1666.61
84	24.05	108498		B	0.10850	22514.79
85	24.20	24904		V	0.02490	5603.58
86	24.52	469467		B	0.46947	52179.69
87	24.97	471768	Decachlorobiphenyl	V	0.00455	64077.84
88	25.19	24082		B	0.02408	4565.59
89	25.36	234094		V	0.23409	34779.49
90	26.11	107139		B	0.10714	7596.15
91	26.40	41019		B	0.04102	5493.16
92	27.02	122211		B	0.12221	18714.37
94	27.54	48385		B	0.04838	7602.85
95	29.76	62433		B	0.06243	7807.07
11001301					8.20802	2.30e+06

Sample Name : AS80007807

Sample #: A8798801

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15051.raw

Date : 07/14/2008 08:58:20

Method : 6890-6ins

Time of Injection: 07/11/2008 10:36:48

Start Time : 0.00 min

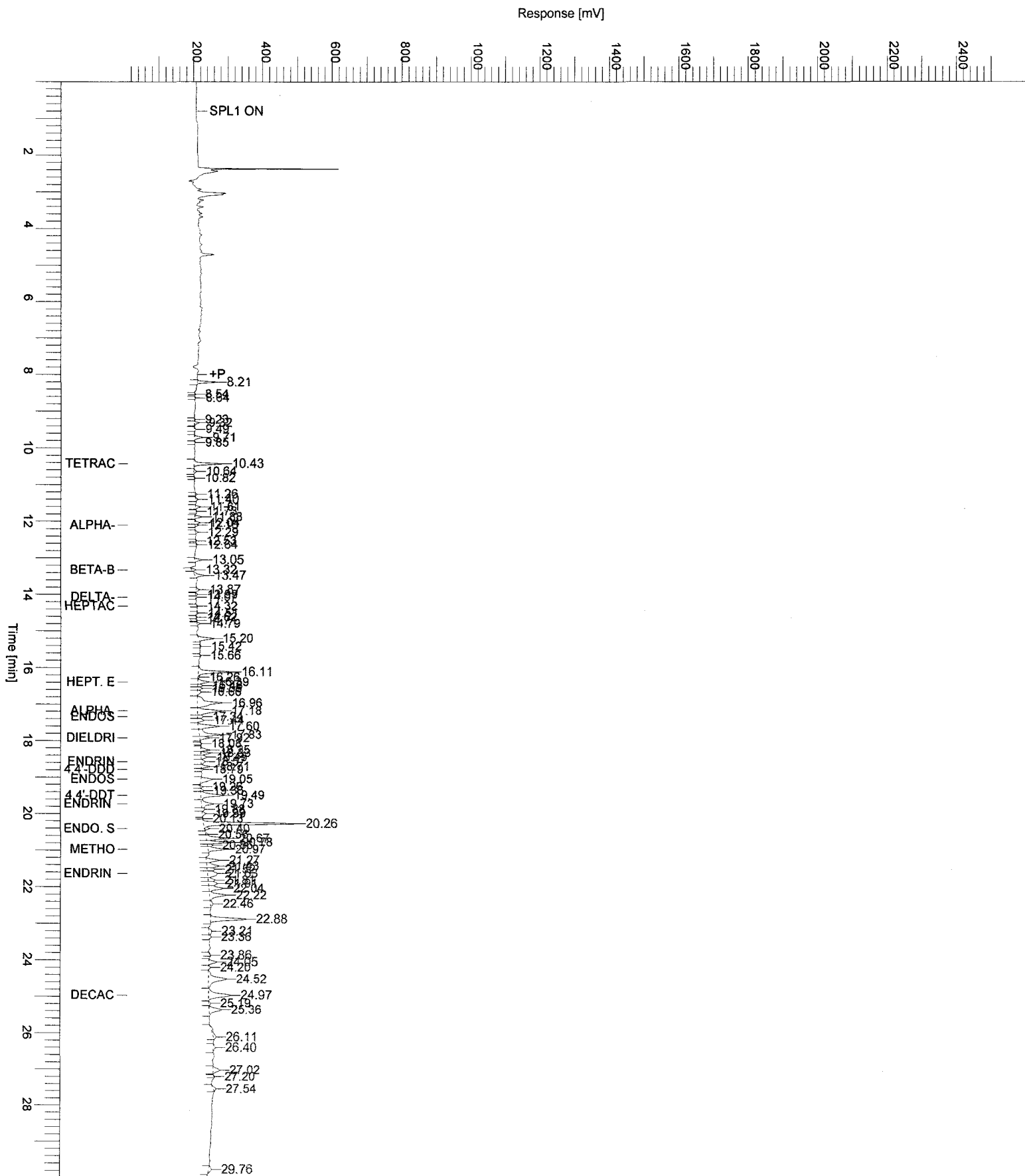
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

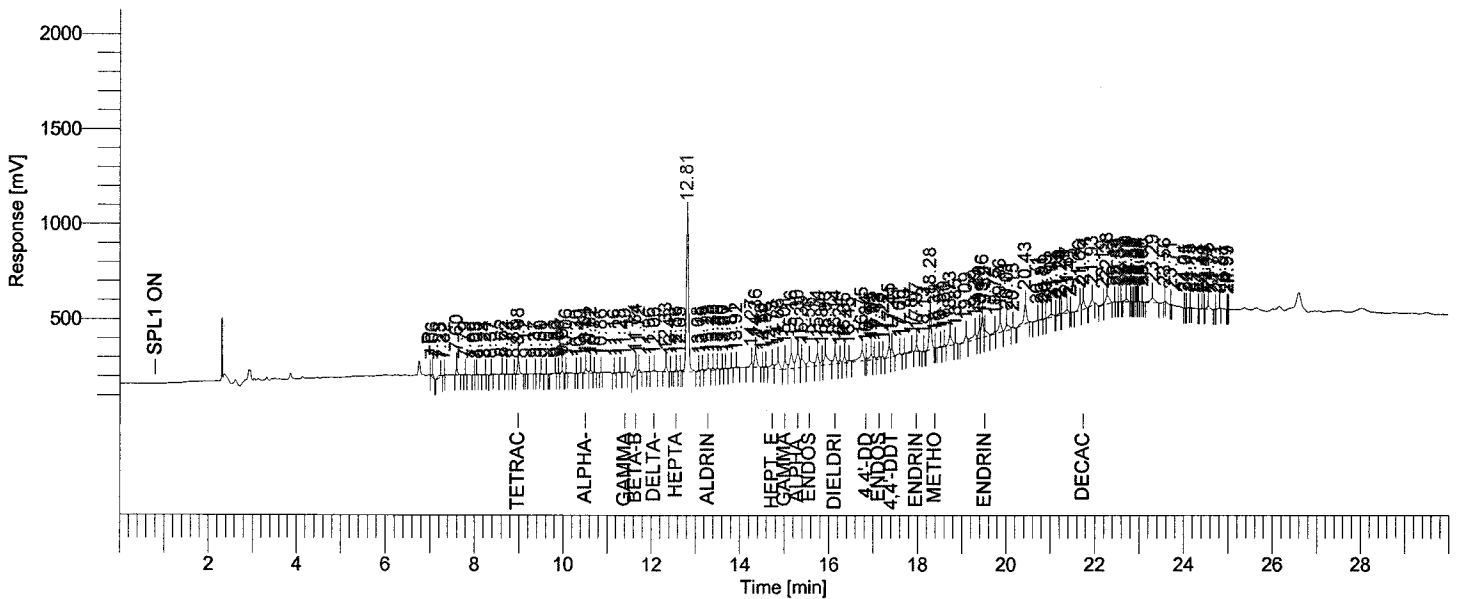
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76667
 Operator : tchrom
 Sample Number : A8798801
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/11/2008 10:36:48

Date : 07/14/2008 08:58:16
 Sample Name : AS80007807
 Study : STA00201
 Rack/Vial : 1/51
 Channel : A
 A/D mV Range : 1000
 End Time : 29.97 min
 Area Reject : 6000.000000
 Dilution Factor : 10.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6a15051.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15051.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15051.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15051.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15051.rst
 Report Format File: h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.06	51020		B	0.05102	14710.38
2	7.23	76935		B	0.07694	10910.04
3	7.32	9857		V	0.00986	2449.74
4	7.60	102244		B	0.10224	39153.59
9	8.37	12922		B	0.01292	4060.78
10	8.62	26932		B	0.02693	9823.72
11	8.72	8137		B	0.00814	2647.31
13	8.98	215542	Tetrachloro-m-xylene	B	0.00231	71167.23
16	9.50	8354		B	0.00835	2786.70
17	9.61	9161		B	0.00916	3240.55
18	9.82	32217		B	0.03222	5004.98
19	9.89	21806		V	0.02181	5698.63
20	9.97	50982		V	0.05098	16389.64
21	10.06	15388		B	0.01539	6593.23
23	10.40	19542		V	0.01954	4490.10
24	10.51	85864	alpha-BHC	V	8.81e-04	18296.50
25	10.62	54707		V	0.05471	15632.04
26	10.71	11723		V	0.01172	4539.29
28	11.16	13296		B	0.01330	4011.14
29	11.28	17560		V	0.01756	3320.34
30	11.40	10697	gamma-BHC	V	3.30e-04	2013.28
31	11.64	187843	beta-BHC	B	0.00141	40146.25

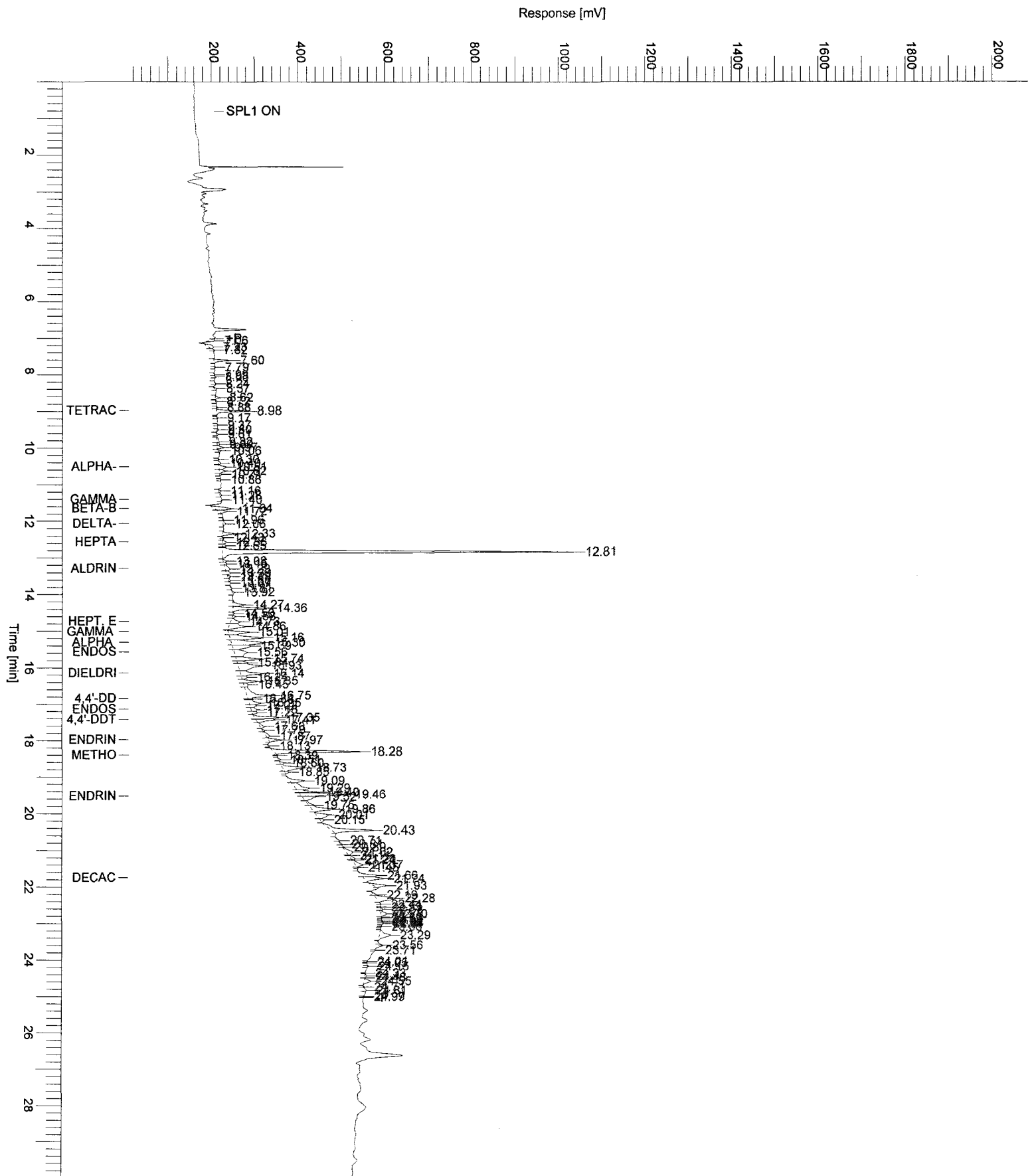
07/14/2008 08:58:16 Result: H:\TURBO6\6890-06\6a15051.rst

Peak #	Time [min]	Area [µV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
32	11.72	61614		V	0.06161	18536.95
33	11.96	6964		B	0.00696	2125.22
34	12.06	26441	delta-BHC	V	0.00130	5157.90
35	12.33	96463		B	0.09646	29024.69
37	12.56	34065	Heptachlor	B	4.24e-04	9315.75
38	12.65	21885		V	0.02189	7649.66
39	12.81	2951843		V	2.95184	812283.32
40	13.08	26034		B	0.02603	6832.87
41	13.15	26427		V	0.02643	7154.75
42	13.29	75308	Aldrin	V	8.04e-04	9973.29
43	13.39	45522		V	0.04552	10291.13
44	13.49	24823		V	0.02482	6033.48
45	13.60	14718		V	0.01472	3705.08
46	13.67	9067		V	0.00907	2483.04
47	13.81	9340		B	0.00934	2395.39
48	13.92	18989		V	0.01899	4466.87
49	14.27	102723		B	0.10272	23757.26
50	14.36	291764		V	0.29176	77602.80
51	14.50	6195		V	0.00620	2643.97
52	14.58	23693		B	0.02369	6468.11
53	14.73	119269	Hept. epoxide	V	9.31e-05	20805.05
54	14.86	226410		V	0.22641	38262.76
55	15.01	211698	gamma chlordane	B	0.00143	48529.37
56	15.16	384978		V	0.38498	77635.03
57	15.30	455263	alpha chlordane	V	0.00326	76557.06
58	15.39	239807		V	0.23981	42238.65
59	15.56	256931	Endosulfan I	V	8.39e-04	29240.17
60	15.74	249443		V	0.24944	62800.52
61	15.84	84470		V	0.08447	24114.06
62	15.93	371218		V	0.37122	52737.16
63	16.14	239732	Dieldrin	V	0.00181	53519.39
64	16.24	60288		V	0.06029	12935.57
65	16.35	114306		V	0.11431	33896.83
66	16.45	57922		V	0.05792	9977.53
67	16.75	355384		V	0.35538	53521.17
68	16.84	25579	4,4'-DDD	V	5.72e-04	10975.94
69	16.95	137428		V	0.13743	26086.70
70	17.02	52269		V	0.05227	14722.84
71	17.13	72068	Endosulfan II	V	-1.1e-04	13203.53
72	17.22	40920		V	0.04092	11489.73
73	17.35	219933		B	0.21993	56359.69
74	17.41	155317	4,4'-DDT	V	0.00557	44343.29
75	17.60	53728		V	0.05373	9297.69
76	17.70	15339		V	0.01534	5012.03
77	17.87	55190		V	0.05519	8690.39
78	17.97	100112	Endrin aldehyde	V	-8.1e-04	31637.57
79	18.13	7801		B	0.00780	3548.58
80	18.28	742254		B	0.74225	200687.04
82	18.51	11928		B	0.01193	4092.96
83	18.60	28956		B	0.02896	8136.95
84	18.73	264643		V	0.26464	53905.05
85	18.85	31212		V	0.03121	9535.93
86	19.09	148936		B	0.14894	32958.19
87	19.29	220450		V	0.22045	32266.93
88	19.40	142705		V	0.14271	45786.92
89	19.46	365710		V	0.36571	103210.14
90	19.52	142860	Endrin ketone	V	0.00102	31705.95
91	19.75	52032		V	0.05203	11785.85
92	19.86	263342		V	0.26334	52871.15
93	20.01	172695		V	0.17270	28813.59
94	20.15	35825		V	0.03583	9586.91
95	20.43	460543		B	0.46054	95600.57
96	20.71	14535		B	0.01454	4619.41
97	20.81	12696		V	0.01270	2436.19
98	20.89	8531		V	0.00853	3578.86
99	21.02	107085		V	0.10709	14057.90
101	21.20	43847		V	0.04385	9233.05
102	21.24	7571		V	0.00757	6107.07
103	21.37	102311		V	0.10231	16062.76
105	21.66	145729		B	0.14573	36582.16
106	21.74	206432	Decachlorobiphenyl	V	0.00201	45873.90
107	21.93	124129		B	0.12413	28674.43
108	22.19	23995		B	0.02400	7264.41
109	22.28	270394		V	0.27039	42412.08

07/14/2008 08:58:16 Result: H:\TURBO6\6890-06\6a15051.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
112	22.58	12064		V	0.01206	3861.00
113	22.70	75306		V	0.07531	13814.96
118	22.94	6490		V	0.00649	3835.53
121	23.29	180536		B	0.18054	24423.31
128	24.41	11885		B	0.01189	3116.17
130	24.55	76265		V	0.07626	15711.74
132	24.81	12760		V	0.01276	2898.55
		13806067			11.20818	3.21e+06

Sample Name : AS80007807 Sample #: A8798801 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a15051.raw
Date : 07/14/2008 08:58:17
Method : 6890-6ins Time of Injection: 07/11/2008 10:36:48
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798801RE

Sample wt/vol: 30.06 (g/mL) G Lab File ID: 6B15097.TX0

% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

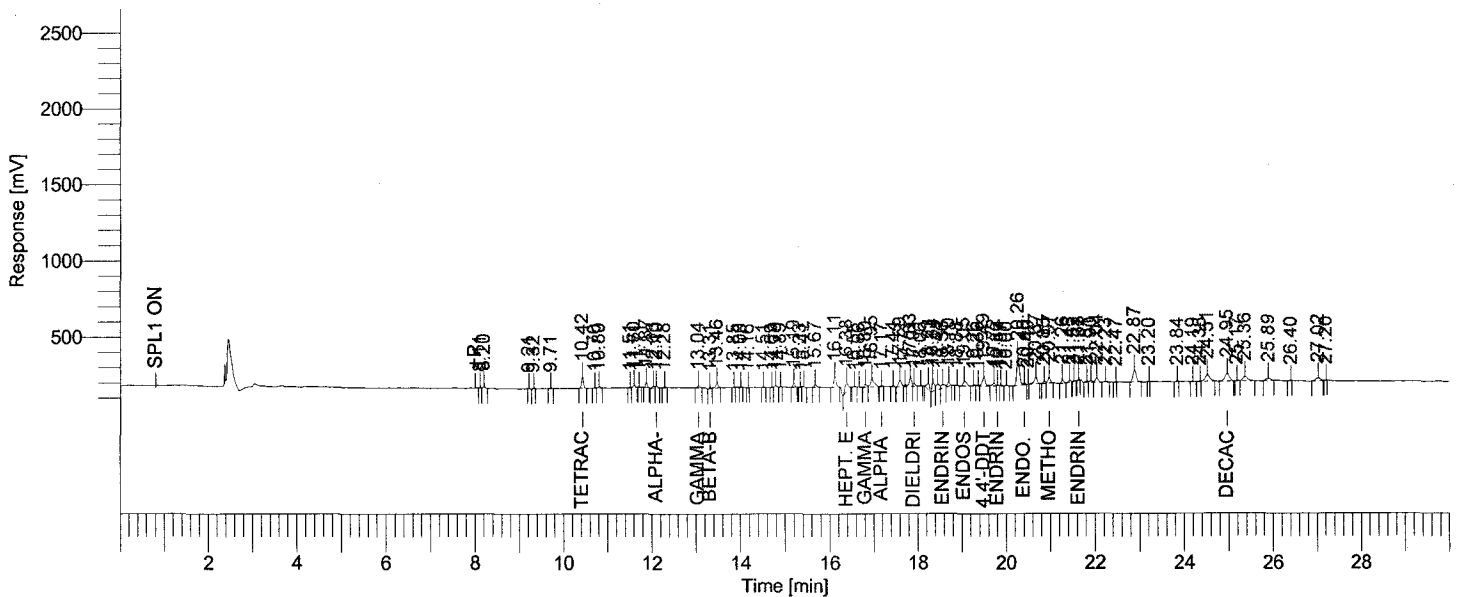
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2	Aldrin	20	U
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
319-86-8	delta-BHC	20	U
57-74-9	Chlordane	200	U
72-54-8	4,4'-DDD	20	U
72-55-9	4,4'-DDE	20	U
50-29-3	4,4'-DDT	20	U
60-57-1	Dieldrin	7.8	J
959-98-8	Endosulfan I	20	U
33213-65-9	Endosulfan II	8.6	J
1031-07-8	Endosulfan Sulfate	20	U
72-20-8	Endrin	10	J
7421-93-4	Endrin aldehyde	20	U
76-44-8	Heptachlor	20	U
1024-57-3	Heptachlor epoxide	20	U
72-43-5	Methoxychlor	13	J
8001-35-2	Toxaphene	200	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76908
 Operator : tchrom
 Sample Number : A8798801RE
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 13:23:22

Date : 07/17/2008 07:25:01
 Sample Name : AS80008150
 Study : STA00201
 Rack/Vial : 1/97
 Channel : B
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 6000.000000
 Dilution Factor : 10.00
 Cycle : 8

Raw Data File : H:\TURBO6\6890-06\6b15097.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15097.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15097.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15097.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15097.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	8.20	29446		V	0.02945	9650.03
4	9.32	7614		B	0.00761	2550.78
5	9.71	13884		B	0.01388	3749.11
6	10.42	230143	Tetrachloro-m-xylene	B	0.00252	71723.75
8	10.80	27309		V	0.02731	7525.00
9	11.51	12281		B	0.01228	3751.20
10	11.60	49708		V	0.04971	15758.73
12	11.87	91332		B	0.09133	30344.50
13	12.03	43373		B	0.04337	12301.88
14	12.10	41570	alpha-BHC	V	0.00184	12694.63
15	12.28	23944		B	0.02394	8024.80
16	13.04	41195	gamma-BHC	B	0.00138	11870.72
17	13.31	31149	beta-BHC	B	7.42e-05	8280.79
18	13.46	127045		V	0.12704	33376.01
22	14.51	6542		B	0.00654	2141.03
24	14.79	31753		V	0.03175	10433.56
26	15.19	74781		B	0.07478	23817.28
28	15.41	20205		V	0.02020	6037.33
29	15.67	65582		B	0.06558	17113.70
30	16.11	261471		B	0.26147	66017.02
31	16.38	298346	Hept. epoxide	B	0.00297	56637.36
32	16.55	20112		B	0.02011	6126.43

7-23-08
 DAB

07/17/2008 07:25:01 Result: H:\TURBO6\6890-06\6b15097.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
33	16.66	21289		V	0.02129	6306.07
34	16.80	68272	gamma chlordane	B	0.00167	17718.08
35	16.95	302380		V	0.30238	50200.10
36	17.17	10554	alpha chlordane	B	0.00113	3786.46
37	17.44	39216		B	0.03922	12108.47
38	17.59	200257		B	0.20026	42321.82
39	17.71	31290		V	0.03129	9188.74
40	17.83	233562		V	0.23356	59756.00
41	17.91	58627	Dieldrin	V	0.00204	17862.60
42	18.06	13061		V	0.01306	3526.52
43	18.23	186731		B	0.18673	46248.38
44	18.34	248811		B	0.24881	60666.36
45	18.44	199545		V	0.19954	35228.71
46	18.56	143992	Endrin	V	0.00270	23490.85
47	18.70	116096		V	0.11610	29708.18
48	18.88	23588		B	0.02358	7230.81
49	19.05	187727	Endosulfan II	V	0.00215	33107.23
50	19.26	25339		V	0.02534	6105.83
51	19.36	29350		V	0.02935	7005.54
52	19.49	288260	4,4'-DDT	V	0.00833	57356.20
53	19.72	79743		V	0.07974	18558.49
54	19.80	20487	Endrin aldehyde	V	4.42e-04	6039.47
55	19.87	15663		V	0.01566	4647.00
56	20.00	13272		V	0.01327	4073.99
57	20.26	792772		B	0.79277	190099.67
58	20.40	35371	Endo. Sulfate	E	0.00112	9252.52
59	20.49	7522		V	0.00752	2784.38
60	20.67	216942		V	0.21694	44148.72
61	20.85	43649		B	0.04365	12645.84
62	20.97	146862	Methoxychlor	V	0.00785	34366.69
63	21.26	84390		B	0.08439	22448.13
64	21.43	36574		B	0.03657	11861.23
65	21.52	16265		B	0.01626	5574.78
66	21.63	9455	Endrin ketone	B	0.00150	3275.93
67	21.81	35358		B	0.03536	9122.05
68	21.90	56355		V	0.05636	10678.37
69	22.04	136376		V	0.13638	28778.31
70	22.23	26749		V	0.02675	5369.96
72	22.87	385261		B	0.38526	77200.48
75	24.19	16923		B	0.01692	4029.95
76	24.35	15137		B	0.01514	3805.08
77	24.51	296850		V	0.29685	41459.72
78	24.95	358204	Decachlorobiphenyl	B	0.00338	49441.48
79	25.17	13128		B	0.01313	2819.24
80	25.36	205827		V	0.20583	28242.39
81	25.89	120308		B	0.12031	18036.76
83	27.02	130566		B	0.13057	18622.39
					5.36363	1.62e+06
7292740						

A 0.00324

Sample Name : AS80008150

Sample #: A8798801RE

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15097.raw

Date : 07/17/2008 07:25:02

Method : 6890-6ins

Time of Injection: 07/16/2008 13:23:22

Start Time : 0.00 min

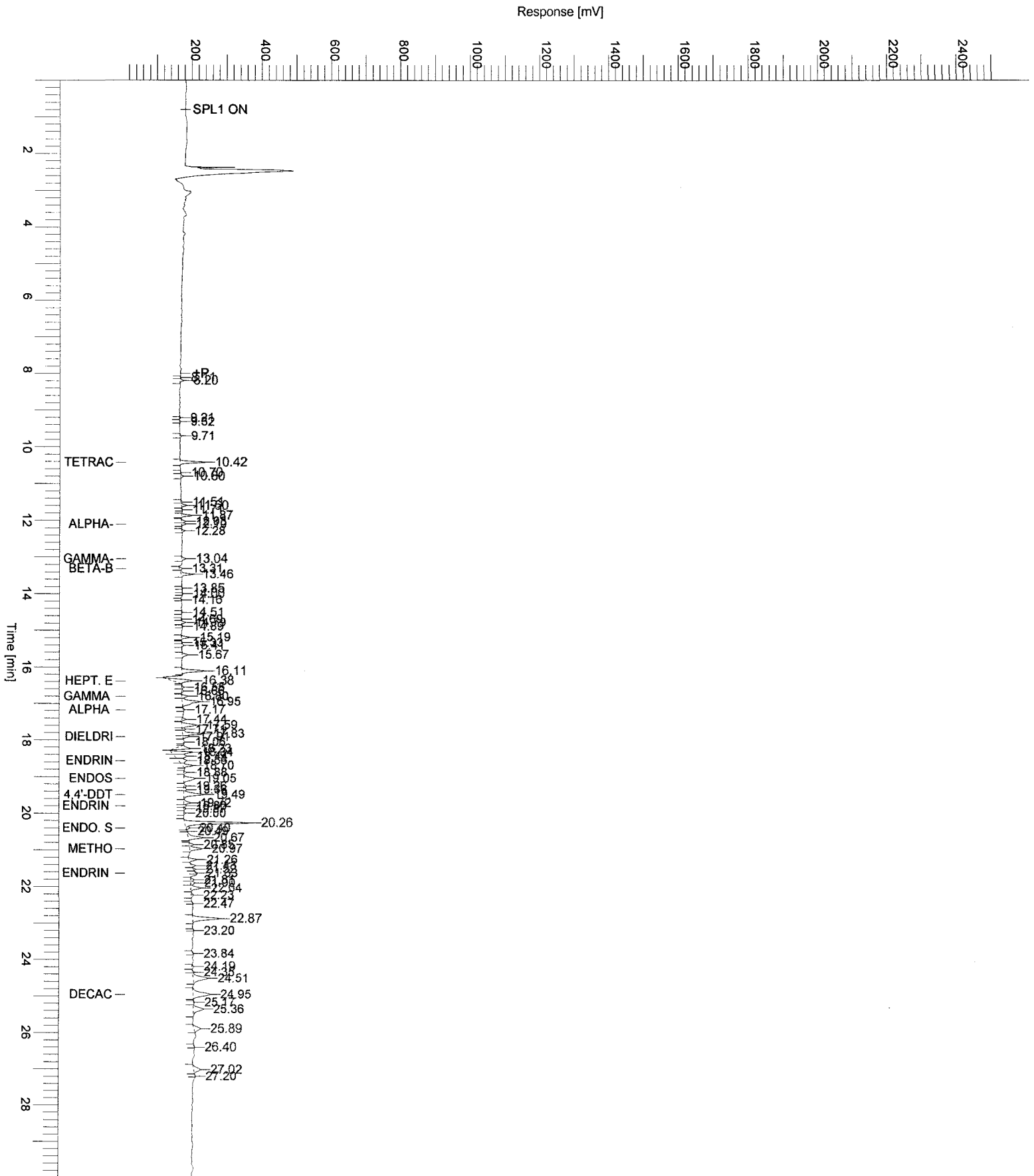
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

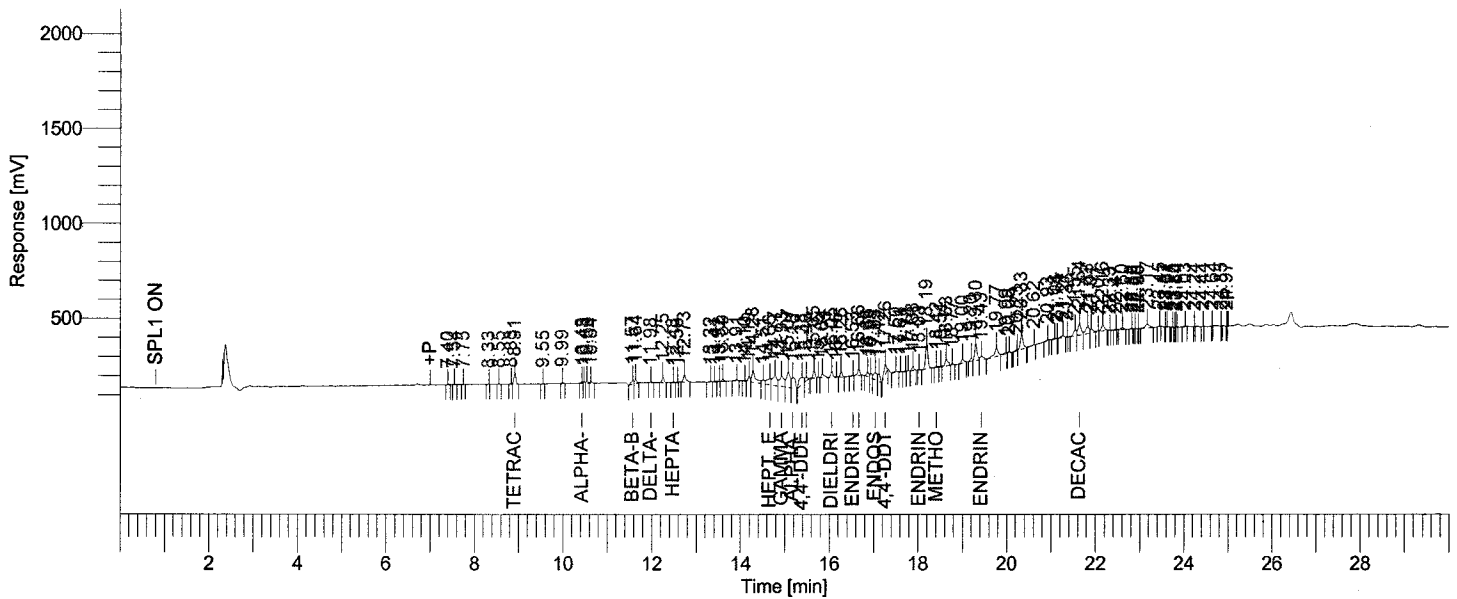
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76907
 Operator : tchom
 Sample Number : A8798801RE
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 13:23:22

Date : 07/17/2008 07:24:58
 Sample Name : AS80008150
 Study : STA00201
 Rack/Vial : 1/97
 Channel : A
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 6000.000000
 Dilution Factor : 10.00
 Cycle : 8

Raw Data File : H:\TURBO6\6890-06\6a15097.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15097.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15097.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15097.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15097.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	7.54	14459		B	0.01446	5387.55
6	8.83	10953		B	0.01095	4001.79
7	8.91	184416	Tetrachloro-m-xylene	V	0.00207	61097.49
10	10.43	23487	alpha-BHC	B	5.69e-04	8143.14
11	10.48	21340		V	0.02134	7649.53
12	10.55	38850		V	0.03885	12034.94
13	10.64	24396		V	0.02440	7632.29
14	11.57	79130	beta-BHC	B	-1.8e-04	17679.45
15	11.64	72113		V	0.07211	22470.90
16	11.98	10297	delta-BHC	B	0.00121	3326.34
17	12.25	82205		B	0.08221	25930.22
18	12.48	10076	Heptachlor	B	2.81e-04	3149.45
20	12.73	145095		B	0.14510	35058.24
21	13.32	19062		B	0.01906	5549.86
22	13.41	10207		V	0.01021	2679.53
23	13.52	8244		V	0.00824	2805.52
24	13.59	37222		V	0.03722	11588.40
25	13.91	19990		B	0.01999	5590.53
26	14.10	16277		B	0.01628	4573.53
27	14.19	97335		V	0.09734	27207.03
28	14.28	372657		V	0.37266	59780.91
29	14.51	95107		V	0.09511	18711.50

07/17/2008 07:24:58 Result: H:\TURBO6\6890-06\6a15097.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
30	14.66	210966	Hept. epoxide	V	7.49e-04	31408.07
31	14.77	379300		V	0.37930	54454.77
32	14.93	390055	gamma chlordane	V	0.00265	54366.82
33	15.07	493043		V	0.49304	78812.62
34	15.18	323865	alpha chlordane	V	0.00229	55097.71
35	15.38	304412	4,4'-DDE	B	0.00320	37467.47
36	15.48	85154	Endosulfan I	V	-5.1e-04	18140.26
37	15.65	138323		B	0.13832	45279.69
38	15.75	12369		V	0.01237	4710.50
39	15.84	103715		V	0.10373	20639.00
40	16.05	104566	Dieldrin	V	8.62e-04	31397.21
41	16.16	8124		E	0.00812	2464.84
42	16.26	87920		B	0.08792	28567.19
43	16.53	8543	Endrin	B	6.36e-04	2729.01
44	16.66	129132	4,4'-DDD	V	0.00146	33695.89
45	16.86	86035		B	0.08603	21706.35
46	16.93	94936		V	0.09494	23215.23
47	17.03	212922	Endosulfan II	V	0.00113	36189.03
48	17.12	147914		V	0.14791	38774.43
49	17.26	200974	4,4'-DDT	B	0.00600	48231.78
50	17.50	36766		B	0.03677	7344.11
51	17.61	9461		V	0.00946	3445.17
52	17.72	8734		B	0.00873	2938.19
53	17.78	9280		V	0.00928	2742.76
54	17.88	63674		B	0.06367	20396.58
55	18.03	9836	Endrin aldehyde	B	-1.9e-03	3892.77
56	18.19	511709		B	0.51171	134611.47
57	18.42	17765	Methoxychlor	B	0.00324	6130.25
58	18.51	10797		B	0.01080	3902.93
59	18.63	157855		V	0.15785	32099.75
60	18.77	17410		V	0.01741	5630.99
61	19.00	86068		B	0.08607	20554.15
62	19.20	48760		B	0.04876	15828.40
63	19.30	346825		V	0.34682	87046.25
64	19.43	95903	Endrin ketone	V	5.95e-04	17639.04
65	19.77	266656		V	0.26666	44064.99
66	19.99	43058		V	0.04306	7940.99
67	20.06	24684		V	0.02468	6305.80
68	20.23	27339		B	0.02734	7146.93
69	20.33	349118		V	0.34912	73563.44
70	20.62	18680		V	0.01868	3132.28
71	20.93	16278		B	0.01628	2270.94
72	21.08	27028		B	0.02703	6970.13
74	21.27	58803		B	0.05880	10663.68
76	21.55	142709		B	0.14271	32080.67
77	21.64	304395	Decachlorobiphenyl	V	0.00295	57897.57
78	21.83	206863		V	0.20686	34505.44
79	21.91	95130		V	0.09513	20469.69
80	22.07	18292		V	0.01829	4199.27
81	22.16	154354		V	0.15435	31439.99
83	22.47	6807		B	0.00681	2270.32
84	22.60	46990		V	0.04699	9136.06
88	23.17	140186		B	0.14019	19979.33
91	23.61	10651		V	0.01065	2848.90
95	24.03	8700		B	0.00870	1907.25
					8312754	5.63413 1.76e+06

Sample Name : AS8008150

Sample # : A8798801RE

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15097.raw

Date : 07/17/2008 07:24:59

Method : 6890-6ins

Time of Injection: 07/16/2008 13:23:22

Start Time : 0.00 min

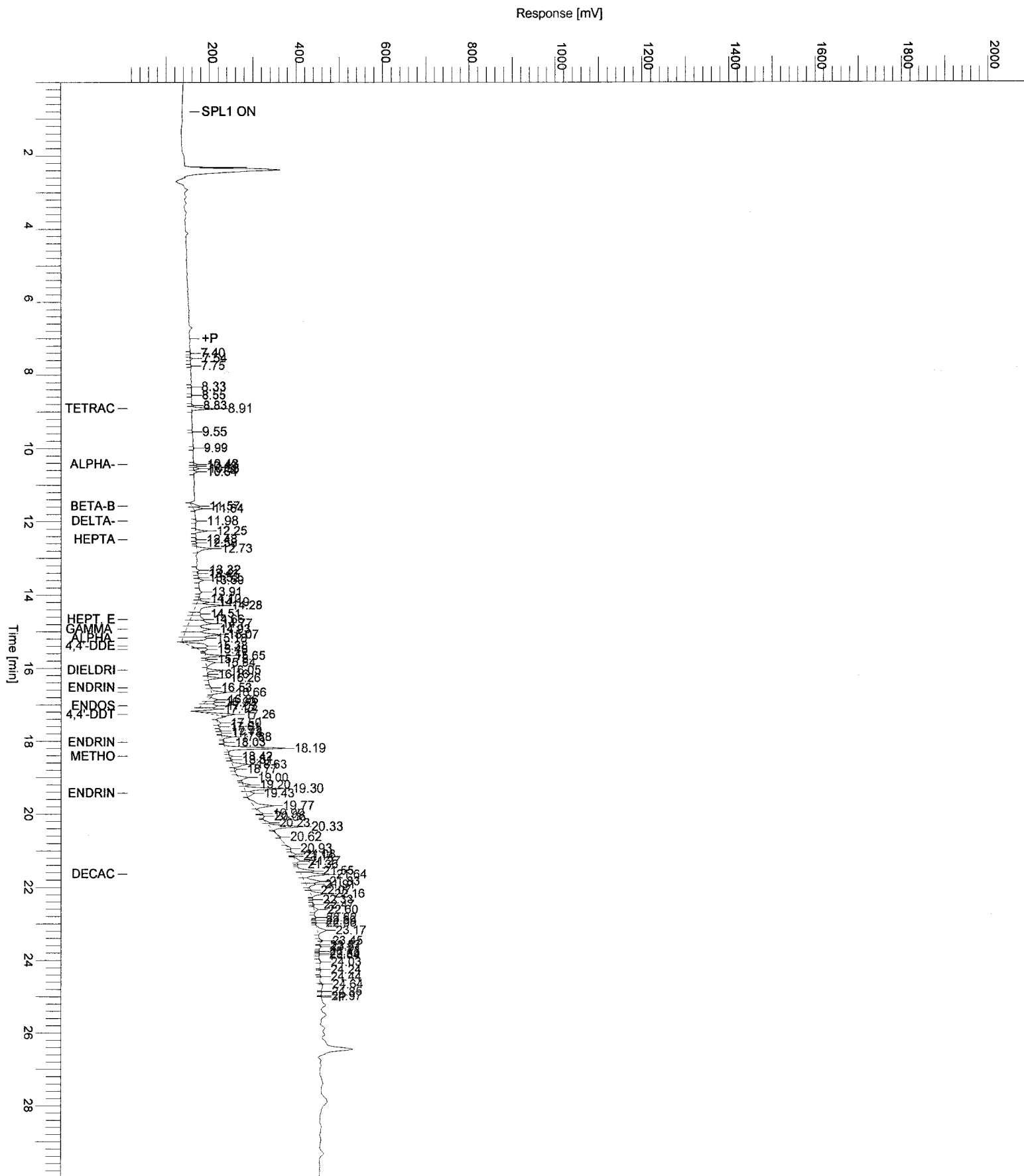
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 2000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8798802

Sample wt/vol: 30.29 (g/mL) G Lab File ID: 6B15052.TX0

% Moisture: 19 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/11/2008

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

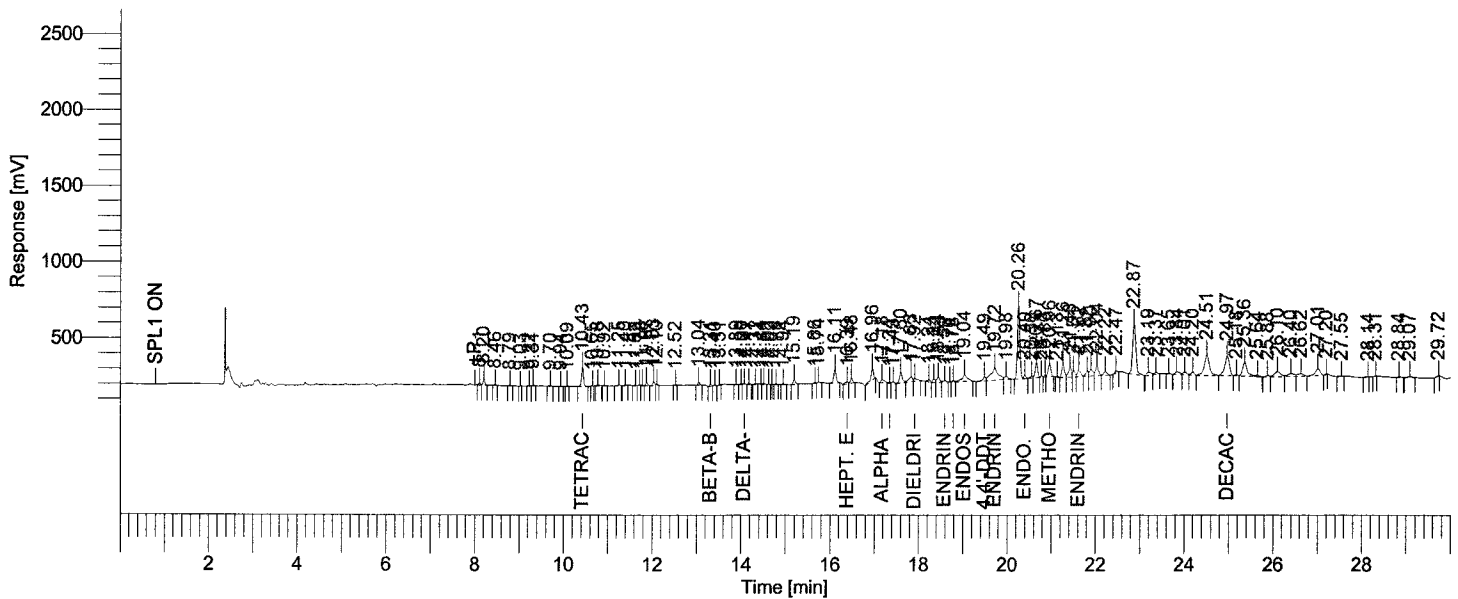
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2	Aldrin	10	U
319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	10	U
319-86-8	delta-BHC	3.7	J
57-74-9	Chlordane	100	U
72-54-8	4,4'-DDD	10	U
72-55-9	4,4'-DDE	10	U
50-29-3	4,4'-DDT	14	
60-57-1	Dieldrin	4.9	J
959-98-8	Endosulfan I	10	U
33213-65-9	Endosulfan II	8.2	J
1031-07-8	Endosulfan Sulfate	10	U
72-20-8	Endrin	3.7	J
7421-93-4	Endrin aldehyde	10	U
76-44-8	Heptachlor	10	U
1024-57-3	Heptachlor epoxide	2.7	J
72-43-5	Methoxychlor	10	U
8001-35-2	Toxaphene	100	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76670
 Operator : tchrom
 Sample Number : A8798802
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/11/2008 11:10:31

Date : 07/14/2008 08:58:24
 Sample Name : AS80007808
 Study : STA00201
 Rack/Vial : 1/52
 Channel : B
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 6000.000000
 Dilution Factor : 5.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6b15052.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15052.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15052.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15052.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15052.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.11	35591		B	0.03559	11789.21
2	8.20	107411		V	0.10741	38032.43
3	8.46	19596		B	0.01960	7332.96
4	8.79	13530		B	0.01353	3645.43
6	9.22	13103		B	0.01310	4976.01
7	9.31	25550		B	0.02555	9443.60
8	9.70	15212		B	0.01521	3352.42
9	9.94	7666		B	0.00767	2712.09
11	10.43	404304	Tetrachloro-m-xylene	B	0.00387	125279.14
13	10.78	33540		B	0.03354	8219.23
14	10.92	7538		B	0.00754	2263.52
15	11.25	31179		B	0.03118	7181.78
16	11.40	23265		B	0.02326	6756.63
17	11.62	9739		B	0.00974	2814.45
18	11.72	12327		V	0.01233	3815.23
19	11.78	15246		V	0.01525	5101.37
20	11.87	63390		B	0.06339	20592.09
21	12.03	81240		B	0.08124	22479.99
22	12.10	21828		V	0.02183	7870.92
24	13.04	53100		B	0.05310	16239.32
25	13.31	41479	beta-BHC	B	2.20e-04	12122.76
26	13.40	25305		V	0.02530	7135.14

7-23-08
 JJB

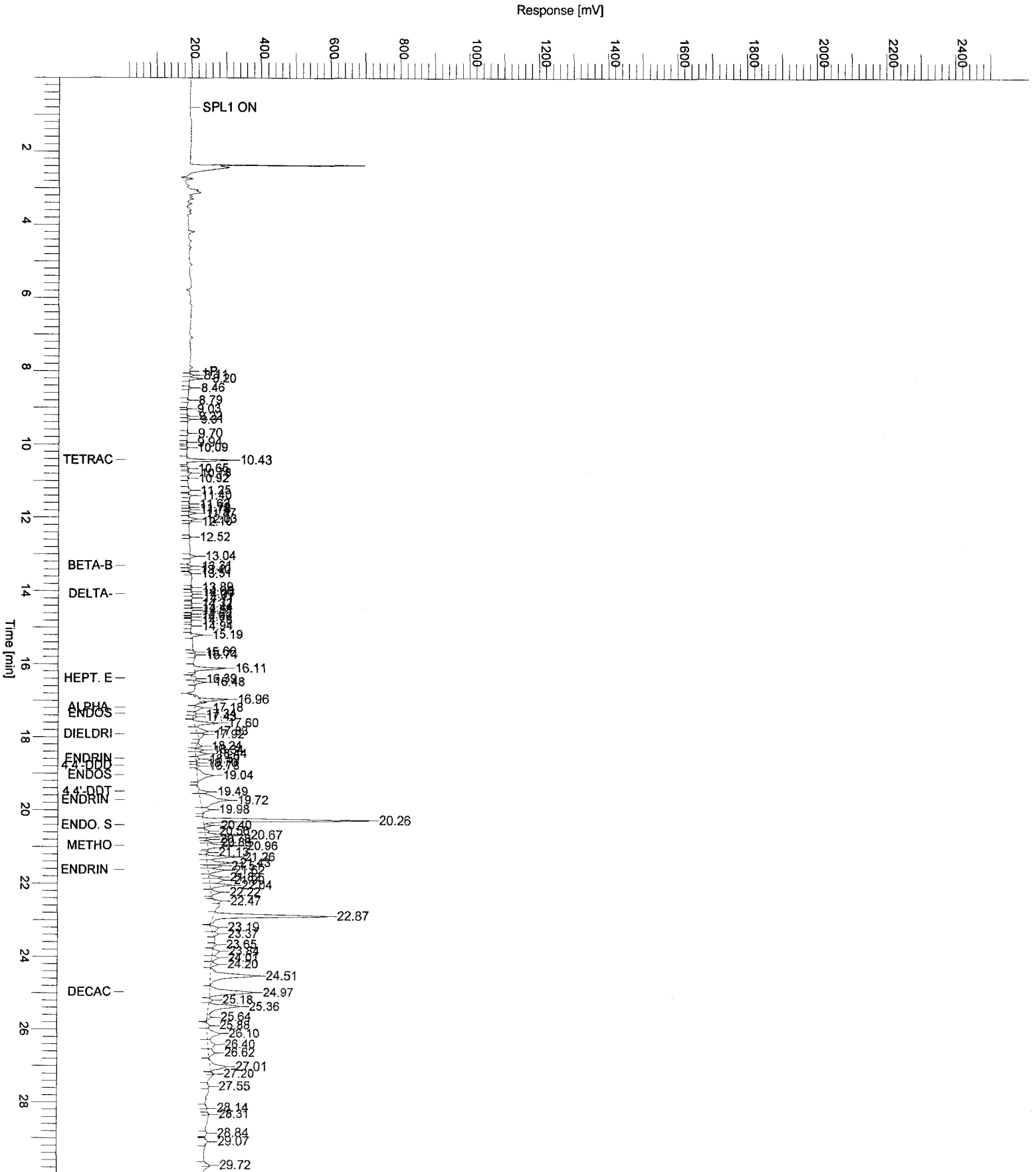
07/14/2008 08:58:24 Result: H:\TURBO6\6890-06\6b15052.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
27	13.51	12380		B	0.01238	3770.75
28	13.89	10848		B	0.01085	3499.86
29	14.00	14105		B	0.01410	4074.49
30	14.07	26093	delta-BHC	V	0.00184	5928.98
31	14.17	17749		V	0.01775	5241.02
32	14.32	8163		B	0.00816	1705.96
33	14.44	14168		V	0.01417	3804.09
34	14.51	29153		V	0.02915	5864.26
37	14.78	6739		B	0.00674	2435.77
38	14.94	10217		B	0.01022	2807.36
39	15.19	107919		B	0.10792	32240.89
40	15.66	17820		B	0.01782	4910.51
41	15.74	26543		V	0.02654	5930.87
42	16.11	358751		B	0.35875	90638.41
43	16.39	68474	Hept. epoxide	B	0.00129	11105.05
44	16.48	106498		V	0.10650	29712.49
45	16.96	299565		B	0.29956	75944.02
46	17.18	127481	alpha chlordane	B	0.00204	22820.18
47	17.34	29697	Endosulfan I	V	7.38e-04	6454.21
48	17.43	37575		V	0.03757	8964.65
49	17.60	326402		B	0.32640	70089.11
50	17.83	200185		V	0.20019	31598.11
51	17.92	105068	Dieldrin	V	0.00239	17543.71
52	18.24	61839		B	0.06184	15458.96
53	18.34	90026		B	0.09003	22668.22
54	18.44	151089		V	0.15109	31893.42
55	18.59	48945	Endrin	V	0.00182	9373.20
56	18.70	8467		V	0.00847	3074.00
57	18.78	21694	4,4'-DDD	V	8.42e-04	6924.94
58	19.04	378924	Endosulfan II	B	0.00404	45227.50
59	19.49	134201	4,4'-DDT	B	0.00659	26035.99
60	19.72	920395	Endrin aldehyde	V	0.01249	78659.88
61	19.98	115893		V	0.11589	19267.61
62	20.26	1874293		B	1.87429	478444.13
63	20.40	66929	Endo. Sulfate	E	0.00146	20220.94
64	20.56	52438		B	0.05244	12129.32
65	20.67	401474		V	0.40147	101998.80
66	20.78	27065		V	0.02706	10651.03
67	20.86	29642		V	0.02964	11505.62
68	20.96	378075	Methoxychlor	V	0.01338	85406.37
69	21.13	16023		B	0.01602	5153.31
70	21.26	334209		B	0.33421	81356.74
71	21.43	320430		V	0.32043	65840.19
72	21.51	162305		V	0.16231	40424.43
73	21.62	237850	Endrin ketone	V	0.00386	46878.79
74	21.82	134223		V	0.13422	32451.46
75	21.90	262996		V	0.26300	42992.89
76	22.04	302480		V	0.30248	62168.70
77	22.22	138815		V	0.13882	25981.87
78	22.47	51822		B	0.05182	12344.96
79	22.87	1703237		B	1.70324	329010.93
80	23.19	149829		B	0.14983	20493.63
81	23.37	70511		V	0.07051	13295.96
82	23.65	30892		B	0.03089	7384.07
83	23.84	150699		B	0.15070	19069.77
84	24.01	117298		V	0.11730	18979.94
85	24.20	98545		V	0.09855	19745.14
86	24.51	1075106		B	1.07511	131595.70
87	24.97	926911	Decachlorobiphenyl	V	0.00923	125476.30
88	25.18	44744		B	0.04474	9602.13
89	25.36	678078		V	0.67808	89304.08
90	25.64	67650		E	0.06765	9732.68
91	25.88	60255		B	0.06026	8994.21
92	26.10	336264		V	0.33626	34222.64
93	26.40	210461		V	0.21046	19806.06
94	26.62	159895		V	0.15990	17414.98
95	27.01	360750		B	0.36075	44866.61
96	27.20	8424		B	0.00842	2615.75
97	27.55	15279		B	0.01528	2088.39
98	28.14	10276		B	0.01028	1207.22
100	28.84	23353		B	0.02335	4219.33
101	29.07	52193		B	0.05219	7438.78
102	29.72	11894		B	0.01189	2475.90

16107821

12.25742 3.11e+06

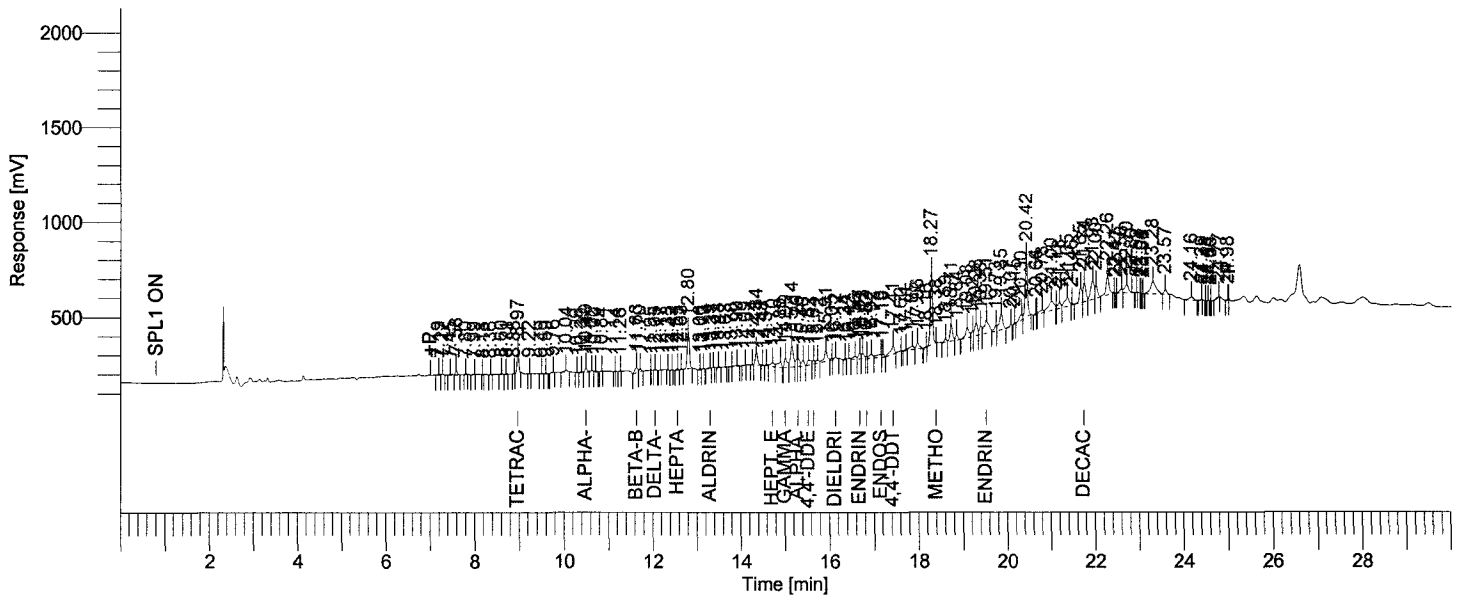
Sample Name : AS80007808 Sample #: A8798802 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b15052.raw
Date : 07/14/2008 08:58:25 Time of Injection: 07/11/2008 11:10:31
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2510.00 mV
Plot Offset: 10.00 mV Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76669
 Operator : tchrom
 Sample Number : A8798802
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/11/2008 11:10:31

Date : 07/14/2008 08:58:22
 Sample Name : AS80007808
 Study : STA00201
 Rack/Vial : 1/52
 Channel : A
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 6600.000000
 Dilution Factor : 5.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6a15052.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15052.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15052.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15052.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15052.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



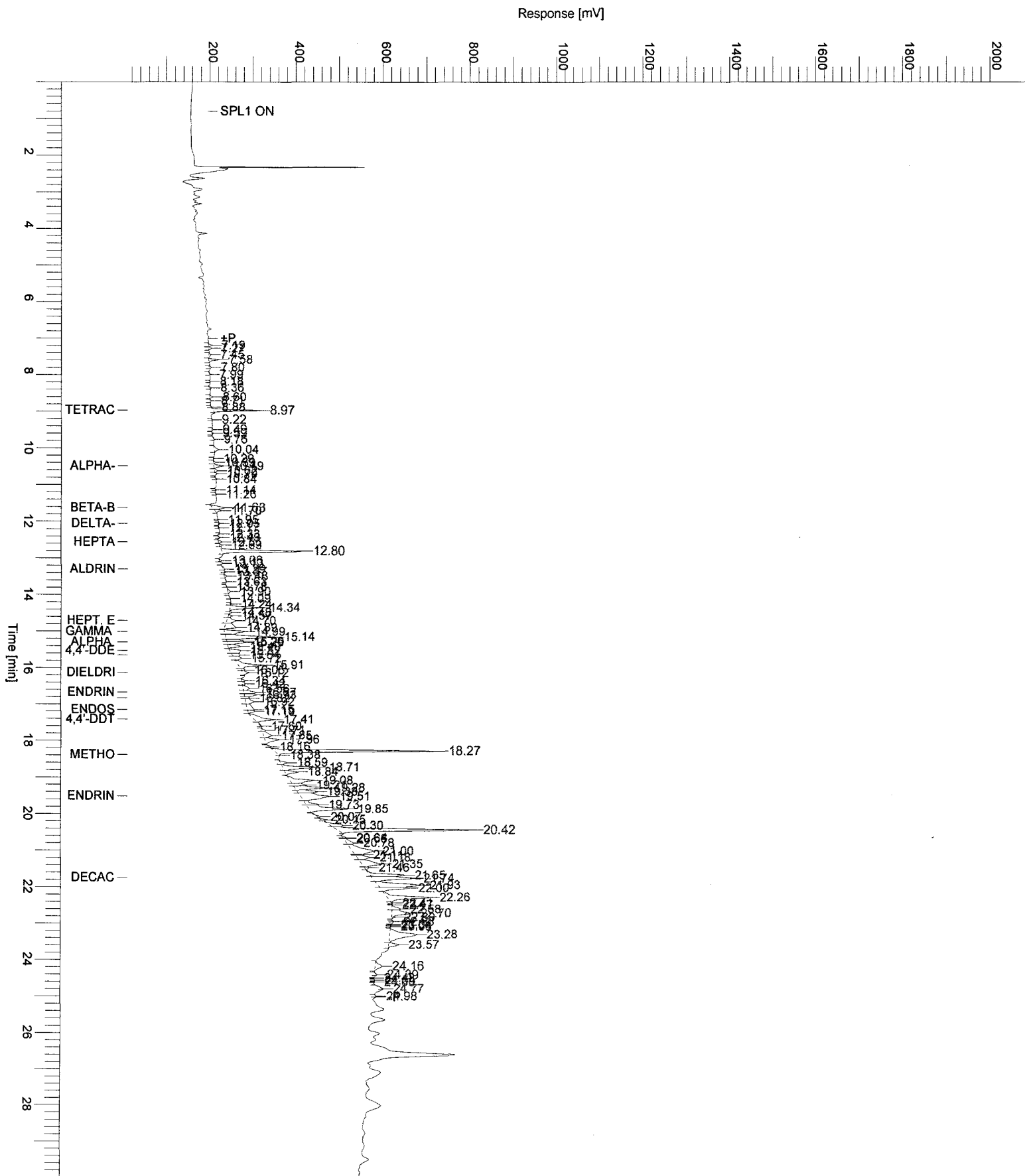
HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.19	21615		B	0.02161	7897.71
2	7.27	16529		V	0.01653	6072.53
3	7.45	19162		B	0.01916	4533.73
4	7.58	63596		B	0.06360	24287.19
5	7.80	7590		B	0.00759	2992.99
8	8.36	8541		B	0.00854	2797.75
9	8.60	19354		B	0.01935	7117.06
10	8.71	6948		B	0.00695	2355.09
12	8.97	300648	Tetrachloro-m-xylene	V	0.00295	109082.63
14	9.49	6211		B	0.00621	2095.47
17	10.04	46990		B	0.04699	9814.67
19	10.39	14154		B	0.01415	3887.17
20	10.49	77880	alpha-BHC	V	8.41e-04	21957.86
21	10.62	28098		V	0.02810	7036.17
22	10.70	18807		V	0.01881	5850.14
26	11.63	128428	beta-BHC	B	5.39e-04	26871.82
27	11.70	46248		V	0.04625	15214.34
29	12.05	7493	delta-BHC	B	0.00119	2528.21
31	12.33	8252		B	0.00825	3045.10
33	12.55	22231	Heptachlor	B	3.54e-04	6668.97
34	12.63	17520		B	0.01752	5133.92
35	12.80	662946		V	0.66295	189006.24

07/14/2008 08:58:22 Result: H:\TURBO6\6890-06\6a15052.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
36	13.06	14536		B	0.01454	4667.03
37	13.13	12857		V	0.01286	4210.09
38	13.29	14897	Aldrin	B	4.26e-04	2061.59
40	13.48	17286		B	0.01729	5399.98
41	13.63	10086		V	0.01009	1919.50
43	13.90	26529		V	0.02653	6226.54
46	14.34	245347		V	0.24535	68677.58
47	14.48	10524		B	0.01052	4071.91
48	14.57	28372		B	0.02837	7533.86
49	14.70	126588	Hept. epoxide	V	1.45e-04	20699.71
50	14.89	189566		V	0.18957	28940.92
51	14.99	229768	gamma-chlordane	B	0.00155	48002.46
52	15.14	525084		V	0.52508	112758.67
53	15.26	122833		V	0.12283	38800.80
54	15.29	136763	alpha chlordane	V	9.13e-04	39093.31
55	15.40	126060		V	0.12606	27761.43
56	15.52	144839	4,4'-DDE	B	0.00206	24868.39
57	15.64	75482	Endosulfan I, wrong	B	-5.8e-04	16778.93
58	15.72	82498		V	0.08250	16080.82
59	15.91	293371		V	0.29337	58707.02
60	16.05	25501		V	0.02550	7241.97
61	16.12	51440	Dieldrin	V	4.90e-04	12327.06
62	16.34	25818		B	0.02582	8168.91
63	16.42	31877		V	0.03188	6304.09
64	16.56	82139		V	0.08214	14055.06
65	16.67	118359	Endrin	V	0.00149	28221.17
66	16.73	112267		V	0.11227	27071.15
67	16.82	25017	4,4'-DDD	V	5.67e-04	10774.32
68	16.92	123108		V	0.12311	19759.77
69	17.15	125101	Endosulfan II	V	3.59e-04	14484.73
70	17.19	59020		V	0.05902	15205.63
71	17.41	276895	4,4'-DDT	B	0.00670	44549.58
72	17.60	15415		V	0.01542	846.87
73	17.71	21162		B	0.02116	6394.26
74	17.85	121500		V	0.12150	18407.51
75	17.96	166911		V	0.16691	33012.26
76	18.16	8290		B	0.00829	1574.31
77	18.27	1382126		B	1.38213	378198.69
79	18.59	59098		B	0.05910	15852.13
80	18.71	334037		V	0.33404	84331.07
81	18.84	116035		V	0.11603	28924.45
82	19.08	299331		B	0.29933	51679.31
83	19.21	111043		V	0.11104	30174.67
84	19.28	296650		V	0.29665	67874.65
85	19.38	183066		V	0.18307	45165.39
86	19.51	522141	Endrin ketone	V	0.00443	67298.63
87	19.73	112378		V	0.11238	29553.57
88	19.85	495436		V	0.49544	89932.81
89	20.07	29867		B	0.02987	7897.40
90	20.15	23836		B	0.02384	8140.12
91	20.30	153807		V	0.15381	28005.35
92	20.42	1286104		V	1.28610	313110.27
93	20.64	17475		B	0.01747	7692.79
94	20.66	7748		V	0.00775	7298.44
95	20.78	106841		V	0.10684	15779.59
96	21.00	477829		V	0.47783	47184.51
97	21.11	15988		V	0.01599	18394.75
98	21.18	156147		V	0.15615	28964.92
99	21.35	326172		V	0.32617	46246.02
100	21.46	29454		V	0.02945	9559.32
101	21.65	322084		B	0.32208	79718.35
102	21.74	469919	Decachlorobiphenyl	V	0.00453	94636.64
103	21.93	552388		V	0.55239	95966.07
104	22.00	267866		V	0.26787	64950.20
105	22.26	506541		V	0.50654	96789.29
108	22.58	91269		V	0.09127	19363.10
109	22.70	269128		V	0.26913	42531.05
110	22.80	9341		E	0.00934	3570.49
115	23.28	587339		B	0.58734	62074.57
116	23.57	102592		V	0.10259	22318.37
117	24.16	120576		B	0.12058	16377.53
122	24.77	14396		B	0.01440	2523.06
					15228398	
					12.40347	3.30e+06

Sample Name : AS80007808
File Name : H:\TURBO\6890-06\6a15052.raw
Date : 07/14/2008 08:58:23
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample #: A8798802
Page 1 of 1
Time of Injection: 07/11/2008 11:10:31
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Scale: 2000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802RESample wt/vol: 30.25 (g/mL) G Lab File ID: 6B15098.TX0% Moisture: 19 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008Injection Volume: 1.00 (uL) Dilution Factor: 5.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

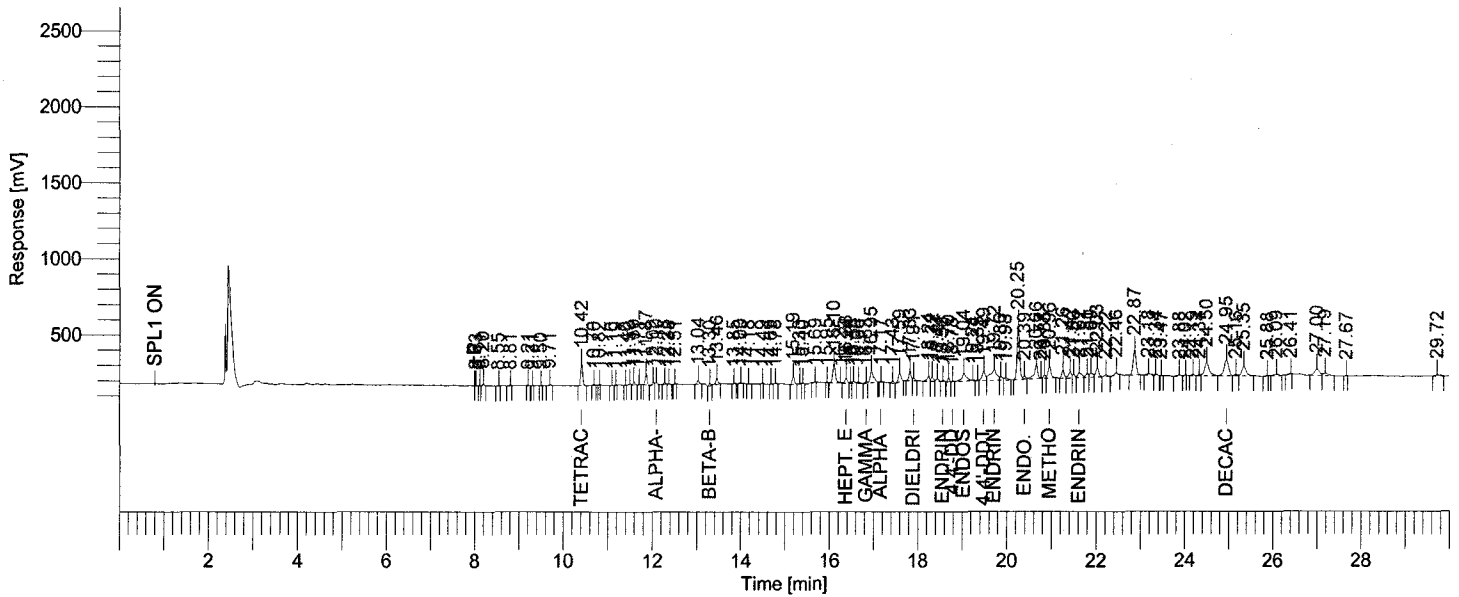
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	10	U
319-84-6-----	alpha-BHC	10	U
319-85-7-----	beta-BHC	10	U
58-89-9-----	gamma-BHC (Lindane)	10	U
319-86-8-----	delta-BHC	10	U
57-74-9-----	Chlordane	100	U
72-54-8-----	4,4'-DDD	10	U
72-55-9-----	4,4'-DDE	10	U
50-29-3-----	4,4'-DDT	18	
60-57-1-----	Dieldrin	4.3	J
959-98-8-----	Endosulfan I	10	U
33213-65-9----	Endosulfan II	10	U
1031-07-8-----	Endosulfan Sulfate	10	U
72-20-8-----	Endrin	10	U
7421-93-4-----	Endrin aldehyde	10	U
76-44-8-----	Heptachlor	10	U
1024-57-3-----	Heptachlor epoxide	10	U
72-43-5-----	Methoxychlor	8.8	J
8001-35-2-----	Toxaphene	100	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76910
 Operator : tchrom
 Sample Number : A8798802RE
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 13:57:11

Date : 07/17/2008 07:25:08
 Sample Name : AS80008151
 Study : STA00201
 Rack/Vial : 1/98
 Channel : B
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 6000.000000
 Dilution Factor : 5.00
 Cycle : 9

Raw Data File : H:\TURBO6\6890-06\6b15098.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15098.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15098.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15098.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15098.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
3	8.20	32364		V	0.03236	11395.28
4	8.55	7010		B	0.00701	2048.80
5	8.81	8848		B	0.00885	1450.35
6	9.21	8177		B	0.00818	3052.05
9	9.71	21574		B	0.02157	5890.03
10	10.42	443467	Tetrachloro-m-xylene	B	0.00417	139598.03
11	10.70	6865		B	0.00687	2591.45
13	11.10	6135		B	0.00614	1350.95
16	11.50	25402		V	0.02540	6641.90
17	11.59	54686		V	0.05469	16257.01
18	11.71	12270		B	0.01227	4947.13
19	11.87	224150		B	0.22415	73855.73
20	12.02	54275		B	0.05427	15642.97
21	12.10	46899	alpha-BHC	V	0.00187	14714.28
22	12.28	37076		B	0.03708	11598.99
23	12.38	18527		V	0.01853	4862.28
24	12.51	8738		B	0.00874	4119.03
25	13.04	72913		B	0.07291	21553.88
26	13.30	54374	beta-BHC	B	4.01e-04	14952.12
27	13.46	152781		V	0.15278	37018.23
28	13.85	7462		B	0.00746	2786.13
29	14.00	20435		B	0.02043	7816.66

7-23-08
 NAB

07/17/2008 07:25:08 Result: H:\TURBO6\6890-06\6b15098.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
30	14.18	8293		B	0.00829	2088.94
32	14.69	17153		B	0.01715	6810.71
33	14.78	20391		V	0.02039	6712.48
34	15.19	172179		B	0.17218	53071.97
35	15.33	18988		V	0.01899	6452.80
36	15.40	11925		V	0.01193	4017.06
37	15.69	7169		B	0.00717	1288.31
38	15.95	6726		B	0.00673	3373.09
39	16.10	497904		B	0.49790	122553.21
40	16.25	10276		E	0.01028	3721.94
41	16.38	125272	Hept-epoxide	B	0.00170	30252.70
42	16.48	30951		V	0.03095	9172.52
43	16.54	62284		V	0.06228	14714.38
44	16.66	53142		V	0.05314	9287.22
45	16.83	43193	gamma chlordane	B	0.00149	9706.72
46	16.95	428699		V	0.42870	82120.41
47	17.17	11460	alpha chlordane	B	0.00114	4327.16
48	17.43	38937		B	0.03894	11897.31
49	17.59	244802		B	0.24480	58890.57
50	17.83	218046		B	0.21805	57847.78
51	17.91	61885	Dieldrin	V	0.00206	19371.87
52	18.24	132647		B	0.13265	31396.82
53	18.32	112930		V	0.11293	30305.84
54	18.44	68495		V	0.06849	18013.53
55	18.56	28847	Endrin	B	0.00164	7163.07
56	18.70	67117		B	0.06712	22399.35
57	18.78	7725	4,4'-DDD	B	7.05e-04	3274.31
58	19.04	401319	Endosulfan II	V	0.00427	52416.81
59	19.24	10375		E	0.01038	2984.99
60	19.35	14118		V	0.01412	4209.82
61	19.49	309651	4,4'-DDT	V	0.00857	61537.60
62	19.72	739947	Endrin aldehyde	V	0.01008	72541.23
63	19.86	97739		V	0.09774	21526.95
64	19.98	79700		V	0.07970	14610.45
65	20.25	1464410		B	1.46441	357691.55
66	20.39	72830	Endo-Sulfate	E	0.00153	18740.85
67	20.66	498711		V	0.49871	89886.82
68	20.77	28687		E	0.02869	10550.11
69	20.85	74810		V	0.07481	20148.17
70	20.96	362196	Methoxychlor	V	0.01300	78960.02
71	21.26	208037		B	0.20804	49714.37
72	21.42	194339		V	0.19434	39996.87
73	21.50	89275		V	0.08928	23531.14
74	21.62	203763	Endrin ketone	V	0.00351	31345.94
75	21.81	108523		V	0.10852	23656.76
76	21.89	152354		V	0.15235	27029.87
77	22.03	295702		V	0.29570	60936.83
78	22.22	49205		V	0.04921	9735.51
79	22.46	65944		B	0.06594	13929.10
80	22.87	740935		B	0.74094	155389.76
81	23.18	90497		B	0.09050	10776.05
82	23.34	41528		V	0.04153	8740.71
84	23.88	50431		B	0.05043	6494.71
86	24.19	40024		B	0.04002	9311.40
87	24.34	42030		B	0.04203	9463.96
88	24.50	682542		V	0.68254	87510.54
89	24.95	752720	Decachlorobiphenyl	V	0.00744	104826.98
90	25.16	53519		V	0.05352	9661.11
91	25.35	449125		V	0.44913	62676.43
92	25.88	8679		B	0.00868	1198.86
93	26.09	74961		B	0.07496	10038.97
94	26.41	15736		B	0.01574	2126.50
95	27.00	320947		B	0.32095	40508.55
96	27.19	133343		V	0.13334	15927.11
98	29.72	71584		B	0.07158	8951.23
		12922102			9.32012	2.66e+06

AG.00430

Sample Name : AS80008151

Sample #: A8798802RE

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15098.raw

Date : 07/17/2008 07:25:09

Method : 6890-6ins

Time of Injection: 07/16/2008 13:57:11

Start Time : 0.00 min

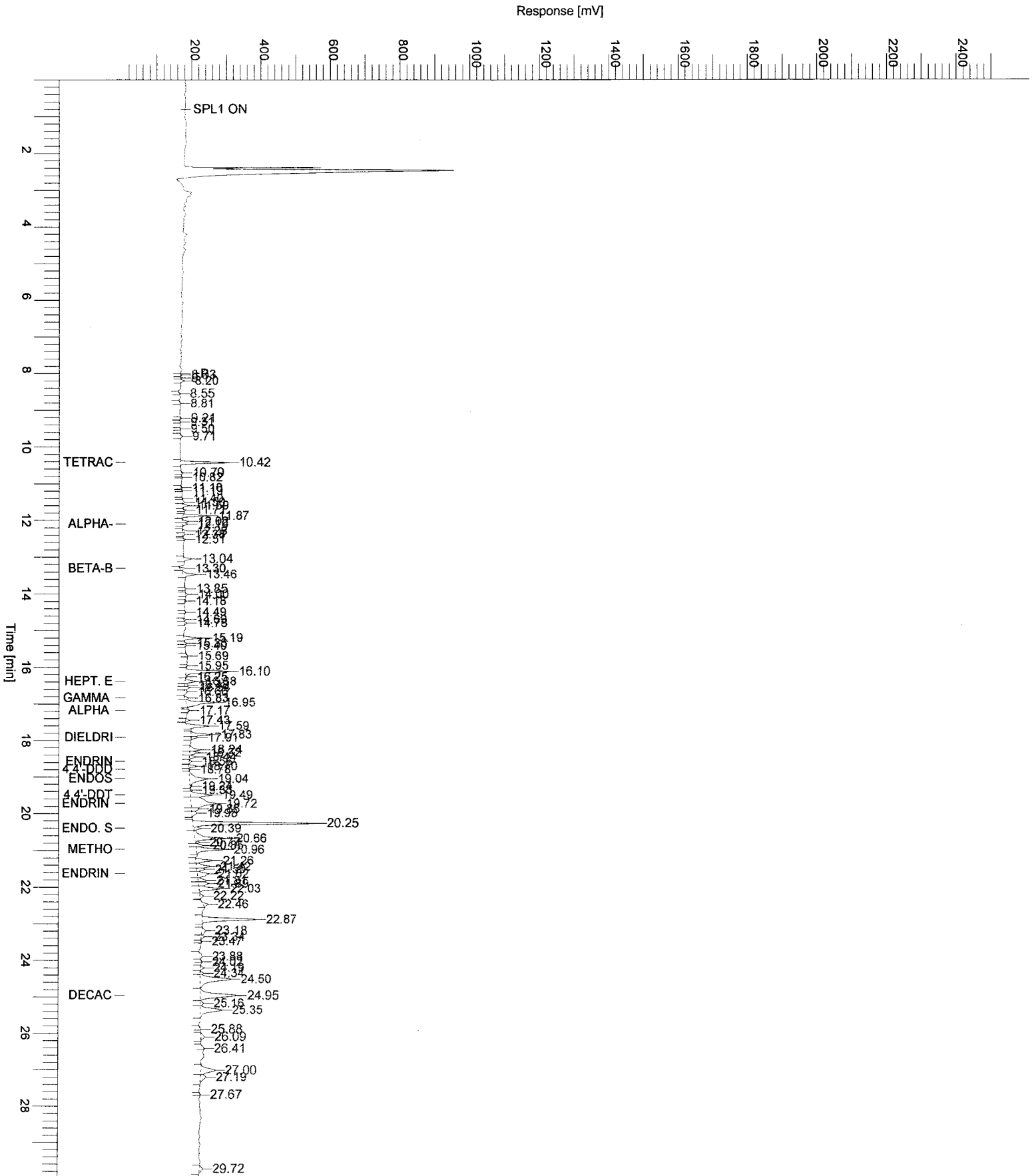
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

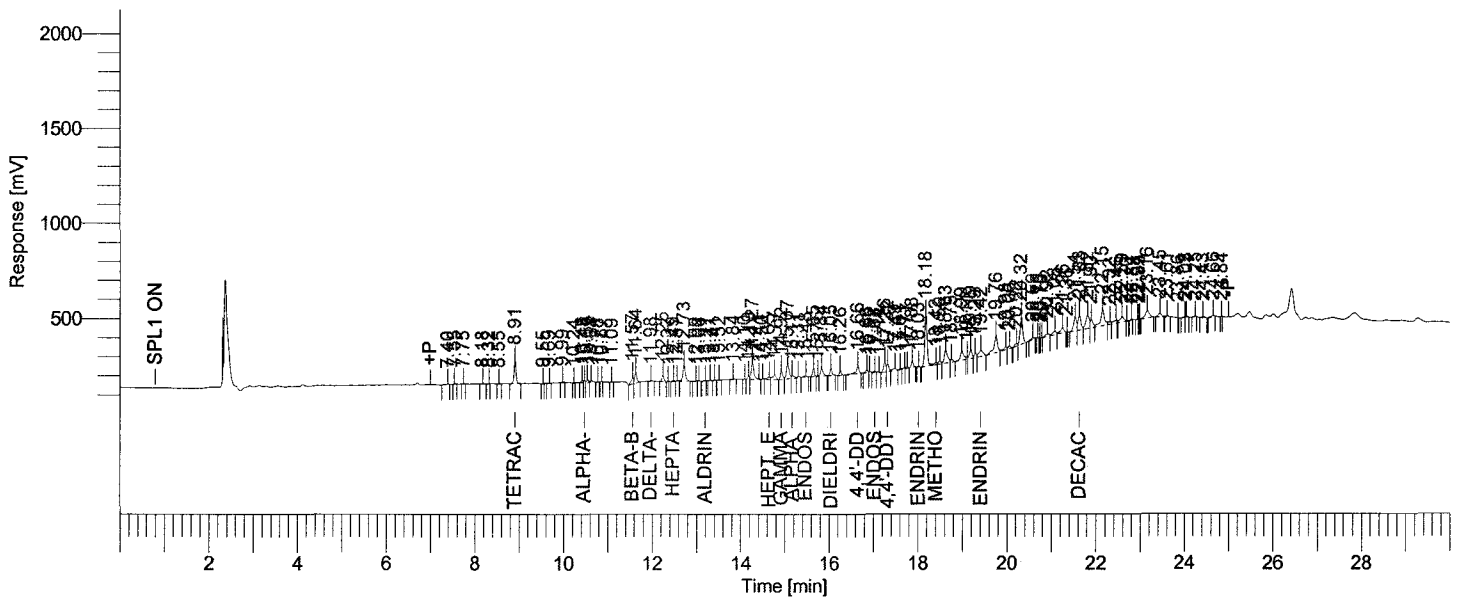
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76909
 Operator : tchrom
 Sample Number : A8798802RE
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 13:57:11

Date : 07/17/2008 07:25:05
 Sample Name : AS80008151
 Study : STA00201
 Rack/Vial : 1/98
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 6000.000000
 Dilution Factor : 5.00
 Cycle : 9

Raw Data File : H:\TURBO6\6890-06\6a15098.raw <Modified>
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 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15098.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15098.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15098.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.40	9732		B	0.00973	1703.03
2	7.55	16271		B	0.01627	6400.66
4	8.18	12533		B	0.01253	2610.68
7	8.91	375971	Tetrachloro-m-xylene	B	0.00353	120741.68
10	9.99	9270		B	0.00927	3321.37
12	10.43	31396		B	0.03140	10669.95
13	10.48	27360	alpha-BHC	V	5.89e-04	9959.93
14	10.55	52274		V	0.05227	14889.24
15	10.64	32403		V	0.03240	9235.95
19	11.57	141846	beta-BHC	B	7.34e-04	33499.20
20	11.64	184853		V	0.18485	55939.88
21	11.98	21308	delta-BHC	B	0.00127	5694.03
22	12.25	105008		B	0.10501	32536.65
24	12.49	26002	Heptachlor	B	3.76e-04	7084.01
25	12.57	21014		V	0.02101	4830.22
26	12.73	328874		V	0.32887	83053.31
27	12.99	14890		B	0.01489	3651.75
28	13.06	10514		V	0.01051	3368.12
30	13.31	13127		B	0.01313	4387.25
31	13.41	10943		B	0.01094	3681.76
32	13.52	7018		B	0.00702	2687.76
33	13.84	16362		B	0.01636	4107.20

07/17/2008 07:25:05 Result: H:\TURBO6\6890-06\6a15098.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
35	14.19	54305		V	0.05431	18484.43
36	14.27	361412		V	0.36141	91134.01
37	14.41	20295		E	0.02030	5269.82
38	14.50	17516		V	0.01752	4453.20
39	14.65	76873	Hept. epoxide	V	-2.1e-04	13533.62
40	14.77	145638		V	0.14564	26822.26
41	14.92	168069	gamma chlordane	B	0.00113	45076.94
42	15.07	349467		V	0.34947	80222.36
43	15.17	68975	alpha chlordane	V	4.12e-04	14823.47
44	15.31	26031		V	0.02603	6943.25
45	15.48	30887	Endosulfan I	V	-9.3e-04	5779.68
46	15.65	120457		B	0.12046	40438.34
47	15.75	14387		B	0.01439	5723.36
48	15.84	161118		V	0.16112	38876.92
49	16.05	110107	Dieldrin	B	9.00e-04	34392.62
50	16.26	72476		B	0.07248	23787.02
51	16.66	175035	4,4'-DDD wrong	B	0.00186	36507.33
52	16.86	49270		B	0.04927	13927.28
53	16.92	21194		V	0.02119	7316.06
54	17.03	26958	Endosulfan II	V	-5.1e-04	6262.77
55	17.14	26131		V	0.02613	7157.76
56	17.26	187652		B	0.18765	50162.89
57	17.32	134795	4,4'-DDT	V	0.00538	36343.65
58	17.49	69806		V	0.06981	12563.45
59	17.61	18623		B	0.01862	5887.32
60	17.71	26718		V	0.02672	7777.62
61	17.77	30413		V	0.03041	7606.51
62	17.88	102195		V	0.10220	32387.19
63	18.03	10910	Endrin aldehyde	B	-1.9e-03	4164.41
64	18.18	1044322		B	1.04432	268853.46
65	18.42	71027	Methoxychlor	E	0.00430	10219.67
66	18.50	74416		V	0.07442	16193.98
67	18.63	355895		V	0.35589	73624.40
68	18.75	62503		V	0.06250	15360.97
69	18.99	261825		B	0.26182	48810.08
70	19.11	30711		V	0.03071	13562.44
71	19.19	187179		V	0.18718	46480.15
72	19.29	87105		V	0.08710	24466.00
73	19.42	214448	Endrin ketone wrong	V	0.00166	32181.04
74	19.76	494710		B	0.49471	84942.63
75	19.98	77646		V	0.07765	14231.02
76	20.06	54991		V	0.05499	12032.78
77	20.22	55354		B	0.05535	12627.57
78	20.32	591661		V	0.59166	139267.56
79	20.59	39515		B	0.03951	7726.02
83	20.92	85273		B	0.08527	13750.71
84	21.08	114634		V	0.11463	19049.07
85	21.26	145106		V	0.14511	25828.88
87	21.54	323404		B	0.32340	69062.65
88	21.63	363210	Decachlorobiphenyl	V	0.00351	80871.01
89	21.82	394088		V	0.39409	68507.48
90	21.90	179696		V	0.17970	41890.75
91	22.15	526782		V	0.52678	83137.75
92	22.32	72043		V	0.07204	13575.19
93	22.46	95383		V	0.09538	15805.27
94	22.59	169418		V	0.16942	26620.35
95	22.70	7229		V	0.00723	3863.98
100	23.16	259095		B	0.25909	39432.10
101	23.45	94974		B	0.09497	18655.28
102	23.61	32478		V	0.03248	7166.90
104	24.02	18190		B	0.01819	5448.50
105	24.05	16855		V	0.01686	5678.14
106	24.25	6695		B	0.00670	1501.71
107	24.43	30401		B	0.03040	5975.61
108	24.66	26963		B	0.02696	4463.26
10811906					8.79022	2.48e+06

Sample Name : AS80008151

Sample # : A8798802RE

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15098.raw

Date : 07/17/2008 07:25:06

Time of Injection: 07/16/2008 13:57:11

Method : 6890-6ins

Start Time : 0.00 min

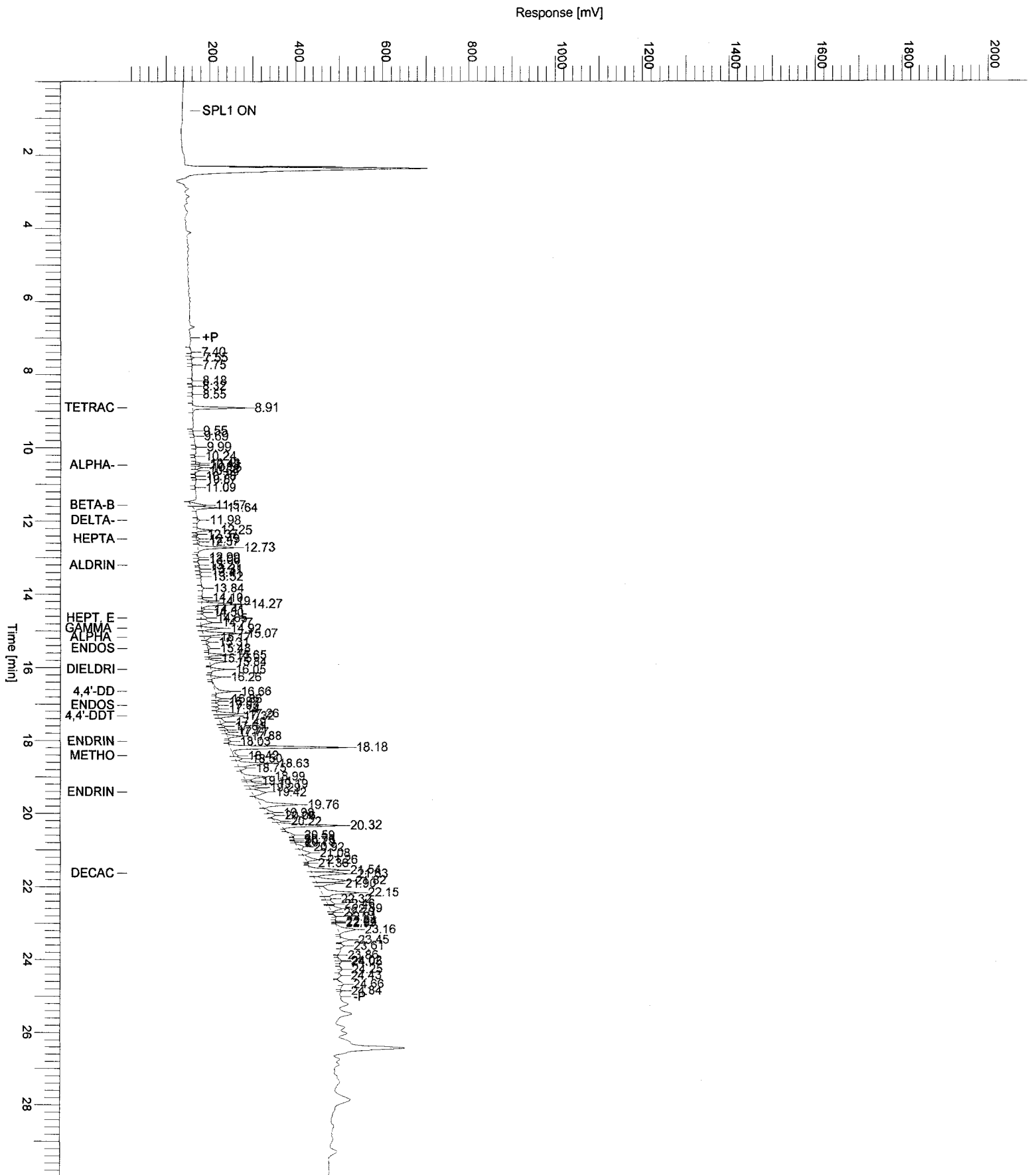
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 2000.0 mV



Standards

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008 to 06/16/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area							
alpha-BHC	176378	362536	2278073	4754730	7199752	0.999885	42527261	14.7
gamma-BHC	169780	344327	2100176	4411454	6665943	0.999843	39789276	13.1
beta-BHC	79851	157880	867150	1768315	2655534	0.999973	16897582	5.6
delta-BHC	156911	321245	2007710	4280372	6359246	0.999701	37771919	14.8
Heptachlor	189298	376746	2212134	4583358	6921505	0.999910	42350765	10.0
Aldrin	179872	357499	2148362	4466445	6731986	0.999902	40847179	11.3
Hept. epoxide	193340	375443	2116749	4297224	6334820	0.999803	40750331	6.0
gamma chlordane	188325	368822	2133156	4342431	6400936	0.999785	40661507	7.7
alpha chlordane	186222	360116	1848757	4028662	5864885	0.999078	37923399	4.6
4,4'-DDE	150884	294659	1820857	3772336	5769937	0.999798	34449889	12.5
Endosulfan I	198582	377878	1993700	4005492	5687599	0.998556	39070089	2.9
Dieldrin	164500	321874	1919583	4020878	5865511	0.999481	36558249	10.2
Endrin	136912	276913	1665065	3479104	5300153	0.999806	31700079	12.2
4,4'-DDD	119712	264335	1574055	3204118	4818127	0.999987	29203805	12.9
Endosulfan II	142448	287859	1615808	3222138	4809695	0.999935	30775535	6.4
4,4'-DDT	67786	172888	1194854	2595911	4255584	0.996788	21814550	28.4
Endrin aldehyde	118405	223583	1197597	2163652	3192293	0.998280	22581943	5.3
Methoxychlor	40953	97196	649200	1335489	2059311	0.999805	11595566	21.4
Endo. Sulfate	140224	269367	1552854	3000030	4200151	0.996951	28807977	5.8
Endrin ketone	168492	327661	1881713	3702143	5460869	0.999667	35505197	6.0

Ave
%RSD = 10.6

Name:	Level	File ID:
ICM25WQ DF10	A	
ICM25WC DF10	B	H:\TURBO6\6890-05\5a09142.raw
ICM25WQ	C	H:\TURBO6\6890-05\5a09141.raw
ICM25WC	D	H:\TURBO6\6890-05\5a09140.raw
ICM25WD	E	H:\TURBO6\6890-05\5a09139.raw

6J

PESTICIDE INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

Date(s) Analyzed:

Column: RTX-CLP II

03/25/2008

to

03/25/2008

LEVEL						INITIAL WINDOW	
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
Toxaphene-a	18.80	18.80	18.80	18.80	0.07	18.73	18.87
Toxaphene-b	20.20	20.20	20.20	20.20	0.07	20.13	20.27
Toxaphene-c	21.99	21.99	21.99	21.99	0.07	21.92	22.06

FORM VI Pest

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008

to

06/16/2008

COMPOUND	LEVEL				AVE RT	WINDOW (+/-)	INITIAL WINDOW	
	A	C	E	Retention Time			From	To
alpha-BHC	11.12	11.12	11.12	11.12	0.05	11.07	11.17	
gamma-BHC	11.95	11.95	11.96	11.95	0.05	11.90	12.00	
beta-BHC	12.20	12.20	12.20	12.20	0.05	12.15	12.25	
delta-BHC	12.64	12.64	12.65	12.64	0.05	12.59	12.69	
Heptachlor	13.15	13.15	13.16	13.15	0.05	13.10	13.20	
Aldrin	13.88	13.88	13.89	13.88	0.05	13.83	13.93	
Hept. epoxide	15.32	15.32	15.33	15.32	0.05	15.27	15.37	
gamma chlordane	15.61	15.60	15.61	15.61	0.05	15.56	15.66	
alpha chlordane	15.91	15.91	15.91	15.91	0.05	15.86	15.96	
4,4'-DDE	16.11	16.10	16.10	16.10	0.05	16.05	16.15	
Endosulfan I	16.21	16.21	16.22	16.21	0.05	16.16	16.26	
Dieldrin	16.76	16.75	16.76	16.76	0.05	16.71	16.81	
Endrin	17.27	17.27	17.27	17.27	0.05	17.22	17.32	
4,4'-DDD	17.44	17.42	17.42	17.43	0.05	17.38	17.48	
Endosulfan II	17.77	17.77	17.77	17.77	0.05	17.72	17.82	
4,4'-DDT	18.03	18.03	18.03	18.03	0.05	17.98	18.08	
Endrin aldehyde	18.69	18.68	18.69	18.69	0.05	18.64	18.74	
Methoxychlor	19.09	19.08	19.08	19.08	0.05	19.03	19.13	
Endo. Sulfate	19.64	19.63	19.63	19.63	0.05	19.58	19.68	
Endrin ketone	20.25	20.24	20.24	20.24	0.05	20.19	20.29	

FORM VIA Pest

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008 to 06/16/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area					1st Order		
alpha-BHC	436645	881221	5122332	10428330	15585742	0.999955	97217197	8.9
gamma-BHC	398301	802188	4560679	9162789	13058051	0.998580	85954829	6.7
beta-BHC	187081	359845	1874707	3597883	5340371	0.999678	36495229	2.4
delta-BHC	358218	724306	4250254	8797314	13381862	0.999869	81252967	10.5
Heptachlor	406503	800296	4336646	8748521	13185713	0.999986	84690617	4.4
Aldrin	358819	712601	3957716	8137944	12332554	0.999909	77154937	6.8
Hept. epoxide	340280	650111	3548792	7190751	10773238	0.999976	69554407	4.3
gamma chlordane	357176	690147	3650657	7371967	10975472	0.999959	72070505	2.6
alpha chlordane	322025	624088	3291443	6744594	9997396	0.999895	65347581	3.0
Endosulfan I	358269	643338	3160424	6470290	9672070	0.999908	65675889	5.2
4,4'-DDE	316203	593359	3316083	6775010	10204481	0.999948	64935627	5.6
Dieldrin	316688	611158	3380196	6965685	10422622	0.999927	66239663	5.8
Endrin	239082	447691	2496410	5289609	8078914	0.999538	49853843	7.5
4,4'-DDD	265702	482147	2700363	5773912	8662337	0.999600	54170079	7.3
Endosulfan II	270933	500035	2574173	4962655	7441695	0.999843	50982282	3.8
4,4'-DDT	131484	291997	1966151	4267377	6985353	0.996722	36812462	23.7
Endrin aldehyde	204656	382780	2114254	4077514	6095622	0.999746	40581380	3.6
Endo. Sulfate	242911	444714	2495846	4829470	7298197	0.999807	47983973	4.3
Methoxychlor	75893	156328	1014838	2076650	3330217	0.998421	18815221	17.0
Endrin ketone	280129	513522	2859668	5564574	8408304	0.999856	55254492	4.1

Ave
%RSD = 6.9

Name:	Level	File ID:
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ICM25WC DF10	B	H:\TURBO6\6890-05\5b09142.raw
ICM25WQ	C	H:\TURBO6\6890-05\5b09141.raw
ICM25WC	D	H:\TURBO6\6890-05\5b09140.raw
ICM25WD	E	H:\TURBO6\6890-05\5b09139.raw

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008

to

06/16/2008

COMPOUND	LEVEL			AVE RT	WINDOW (+/-)	INITIAL WINDOW	
	A	C	E			From	To
	Retention Time						
alpha-BHC	13.12	13.12	13.12	13.12	0.05	13.07	13.17
gamma-BHC	14.09	14.09	14.09	14.09	0.05	14.04	14.14
beta-BHC	14.31	14.31	14.31	14.31	0.05	14.26	14.36
delta-BHC	15.07	15.07	15.07	15.07	0.05	15.02	15.12
Heptachlor	15.21	15.21	15.21	15.21	0.05	15.16	15.26
Aldrin	16.02	16.03	16.03	16.03	0.05	15.98	16.08
Hept. epoxide	17.40	17.40	17.40	17.40	0.05	17.35	17.45
gamma chlordane	17.83	17.83	17.83	17.83	0.05	17.78	17.88
alpha chlordane	18.16	18.16	18.16	18.16	0.05	18.11	18.21
Endosulfan I	18.32	18.32	18.32	18.32	0.05	18.27	18.37
4,4'-DDE	18.49	18.49	18.49	18.49	0.05	18.44	18.54
Dieldrin	18.95	18.95	18.95	18.95	0.05	18.90	19.00
Endrin	19.65	19.65	19.65	19.65	0.05	19.60	19.70
4,4'-DDD	19.80	19.79	19.79	19.79	0.05	19.74	19.84
Endosulfan II	20.12	20.12	20.12	20.12	0.05	20.07	20.17
4,4'-DDT	20.49	20.49	20.48	20.49	0.05	20.44	20.54
Endrin aldehyde	20.87	20.87	20.86	20.87	0.05	20.82	20.92
Endo. Sulfate	21.49	21.49	21.49	21.49	0.05	21.44	21.54
Methoxychlor	22.02	22.02	22.02	22.02	0.05	21.97	22.07
Endrin ketone	22.89	22.89	22.88	22.89	0.05	22.84	22.94

FORM VIA Pest

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008

to

06/16/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area							
Tetrachloro-m-xylene	143648	299164	1489815	2313128	3142759	0.999362	30142319	3.4
Decachlorobiphenyl	172458	345598	1705242	2299886	3172386	0.997224	33109049	5.4

Ave
%RSD = 4.4

Name:	Level	File ID:
ICM3PH DF10	A	H:\TURBO6\6890-05\5a09149.raw
ICM3PJ DF10	B	H:\TURBO6\6890-05\5a09148.raw
ICM3PH	C	H:\TURBO6\6890-05\5a09147.raw
ICM3PI	D	H:\TURBO6\6890-05\5a09146.raw
ICM3PJ	E	H:\TURBO6\6890-05\5a09145.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008

to

06/16/2008

LEVEL						INITIAL WINDOW	
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
Tetrachloro-m-xylene	9.56	9.57	9.57	9.57	0.05	9.52	9.62
Decachlorobiphenyl	22.47	22.47	22.47	22.47	0.05	22.42	22.52

FORM VI Pest

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008

to

06/16/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area					1st Order		
Tetrachloro-m-xylene	327521	677988	3161165	4912446	6686967	0.999110	65779050	2.6
Decachlorobiphenyl	355233	712796	3018817	4609720	6200840	0.999514	65234775	8.3

Ave
%RSD =

Name:	Level	File ID:
ICM3PH DF10	A	H:\TURBO6\6890-05\5b09149.raw
ICM3PJ DF10	B	H:\TURBO6\6890-05\5b09148.raw
ICM3PH	C	H:\TURBO6\6890-05\5b09147.raw
ICM3PI	D	H:\TURBO6\6890-05\5b09146.raw
ICM3PJ	E	H:\TURBO6\6890-05\5b09145.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008

to

06/16/2008

LEVEL							
COMPOUND	A	C	E	AVE RT	WINDOW	INITIAL WINDOW	
						From	To
	Retention Time				(+/-)		
Tetrachloro-m-xylene	11.31	11.31	11.32	11.31	0.05	11.26	11.36
Decachlorobiphenyl	26.60	26.60	26.60	26.60	0.05	26.55	26.65

FORM VI Pest

6F

PESTICIDE INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

Date(s) Analyzed:

Column: RTX-CLP I

01/24/2008 to

01/24/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area					1st Order		
chlordanne	529860	1015154	6155886	12562982	19707761	0.999234	11752400	11.1

Name:	Level	File ID:
ICM11PF DF10	A	H:\TURBO6\6890-05\5a02022.raw
ICM11PG DF10	B	H:\TURBO6\6890-05\5a02021.raw
ICM11PF	C	H:\TURBO6\6890-05\5a02020.raw
ICM11PG	D	H:\TURBO6\6890-05\5a02019.raw
ICM11PH	E	H:\TURBO6\6890-05\5a02018.raw

Ave
%RSD = 11.1

PESTICIDE INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

Date(s) Analyzed:

Column: RTX-CLP I

01/24/2008

to

01/24/2008

LEVEL							
COMPOUND	A	C	E	AVE RT	WINDOW	INITIAL WINDOW	
						From	To
	Retention Time				(+/-)		
chlordan: A	14.46	14.46	14.46	14.46	0.07	14.39	14.53
chlordan: B	15.41	15.41	15.41	15.41	0.07	15.34	15.48
chlordan: C	15.57	15.57	15.56	15.57	0.07	15.50	15.64
chlordan:D	16.13	16.13	16.12	16.13	0.07	16.06	16.20
chlordan:E	17.59	17.59	17.58	17.59	0.07	17.52	17.66

6F

PESTICIDE INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

Date(s) Analyzed:

Column: RTX-CLP II

01/24/2008 to

01/24/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area					1st Order		
CHLORDANE	617342	1190678	6837474	13891914	21799824	0.999197	13270740	8.3

Name:	Level	File ID:
ICM11PF DF10	A	H:\TURBO6\6890-05\5b02022.raw
ICM11PG DF10	B	H:\TURBO6\6890-05\5b02021.raw
ICM11PF	C	H:\TURBO6\6890-05\5b02020.raw
ICM11PG	D	H:\TURBO6\6890-05\5b02019.raw
ICM11PH	E	H:\TURBO6\6890-05\5b02018.raw

Ave
%RSD = 8.3

6J

PESTICIDE INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

Date(s) Analyzed:

Column: RTX-CLP II

01/24/2008

to

01/24/2008

LEVEL						INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
chlordane: A	17.65	17.65	17.65	17.65	0.07	17.58	17.72
chlordane: B	17.86	17.86	17.86	17.86	0.07	17.79	17.93
chlordane: C	17.98	17.98	17.98	17.98	0.07	17.91	18.05
chlordane:D	19.60	19.60	19.60	19.60	0.07	19.53	19.67
chlordane:E	20.02	20.02	20.02	20.02	0.07	19.95	20.09

FORM VI Pest

6F

PESTICIDE INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

Date(s) Analyzed:

Column: RTX-CLP I

01/25/2008

to

01/26/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area					1st Order		
Toxaphene	88247	190507	1400339	2937658	4074007	0.996541	2424870	22.5

Name:	Level	File ID:
ICM14PG	A	H:\TURBO6\6890-05\5a02047.raw
ICM14PH	B	H:\TURBO6\6890-05\5a02046.raw
ICM14PG	C	H:\TURBO6\6890-05\5a02045.raw
ICM14PH	D	H:\TURBO6\6890-05\5a02044.raw
ICM14PD	E	H:\TURBO6\6890-05\5a02043.raw

Ave
%RSD = 22.5

6J

PESTICIDE INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

Date(s) Analyzed:

Column: RTX-CLP I

01/25/2008

to

01/26/2008

LEVEL							
COMPOUND	A	C	E	AVE RT	WINDOW	INITIAL WINDOW	
						From	To
	Retention Time				(+/-)		
Toxaphene-a	17.57	14.92	17.57	16.69	0.07	16.62	16.76
Toxaphene-b	19.46	14.92	19.46	17.95	0.07	17.88	18.02
Toxaphene-c	19.66	14.92	19.65	18.08	0.07	18.01	18.15

FORM VI Pest

6F

PESTICIDE INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

Date(s) Analyzed:

Column: RTX-CLP II

01/25/2008

to

01/26/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area					1st Order		
Toxaphene	89981	248707	1262198	2500632	3810195	0.999865	2370370	13.5

Name:	Level	File ID:
ICM14PG	A	H:\TURBO6\6890-05\5b02047.raw
ICM14PH	B	H:\TURBO6\6890-05\5b02046.raw
ICM14PG	C	H:\TURBO6\6890-05\5b02045.raw
ICM14PH	D	H:\TURBO6\6890-05\5b02044.raw
ICM14PD	E	H:\TURBO6\6890-05\5b02043.raw

Ave
%RSD = 13.5

6J

PESTICIDE INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

Date(s) Analyzed:

Column: RTX-CLP II

01/25/2008

to

01/26/2008

LEVEL							
COMPOUND	A	C	E	AVE RT	WINDOW	INITIAL WINDOW	
						From	To
	Retention Time				(+/-)		
Toxaphene-a	18.69	18.69	18.69	18.69	0.07	18.62	18.76
Toxaphene-b	20.09	20.09	20.08	20.09	0.07	20.02	20.16
Toxaphene-c	20.5	20.51	20.50	20.50	0.07	20.43	20.57

FORM VI Pest

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area							
alpha-BHC	877683	1933358	9852281	20102648	29850783	0.999928	193189944	5.3
gamma-BHC	797301	1748130	8783283	17846481	26488219	0.999932	172998359	4.4
beta-BHC	354570	770132	3606665	7023679	10298595	0.999642	71790918	4.4
delta-BHC	770743	1700065	8378584	17058381	26372898	0.999544	167625982	4.8
Heptachlor	777652	1696447	8307698	16668704	25117138	0.999982	165092737	3.3
Aldrin	736506	1595584	7904984	15900568	23966588	0.999983	156748443	3.4
Hept. epoxide	704649	1510149	7186901	14186882	20988398	0.999879	143494839	3.1
gamma chlordane	697990	1505330	7358324	14627379	22020971	0.999984	146075549	2.7
alpha chlordane	666845	1430473	6723859	13567138	20335193	0.999970	136426563	2.8
4,4'-DDE	618232	1344795	6783893	13568721	21057306	0.999533	133974602	4.6
Endosulfan I	668476	1416658	6665858	13029819	19189064	0.999771	133380689	3.9
Dieldrin	662864	1447844	7120614	14259153	21410217	0.999992	141019158	3.4
Endrin	570856	1278156	6313371	12669756	19287828	0.999902	124707460	4.8
4,4'-DDD	525316	1168865	5755008	11502690	17428551	0.999952	113653420	4.3
Endosulfan II	566505	1223737	5871191	11412070	17056710	0.999886	116186124	3.3
4,4'-DDT	319331	810301	4644548	9693014	16129868	0.995805	88449971	18.9
Endrin aldehyde	428838	953651	4282517	8458397	12032867	0.998687	86317225	6.4
Methoxychlor	165701	417928	2311200	4597429	7536078	0.997162	43474362	15.0
Endo. Sulfate	473669	1052980	5067792	9818579	14803941	0.999869	99653274	4.0
Endrin ketone	515947	1156391	5626845	11209421	16632242	0.999917	110868245	4.2

Ave
%RSD = 5.4

Name:	Level	File ID:
ICM25WR DF10	A	H:\TURBO6\6890-06\6a13147.raw
ICM25WC DF10	B	H:\TURBO6\6890-06\6a13146.raw
ICM25WR	C	H:\TURBO6\6890-06\6a13145.raw
ICM25WC	D	H:\TURBO6\6890-06\6a13144.raw
ICM25WD	E	H:\TURBO6\6890-06\6a13143.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008

to

06/20/2008

COMPOUND	LEVEL				AVE RT	WINDOW (+/-)	INITIAL WINDOW	
	A	C	E	Retention Time			From	To
alpha-BHC	10.52	10.52	10.54	10.53	0.05	10.48	10.58	
gamma-BHC	11.36	11.35	11.38	11.36	0.05	11.31	11.41	
beta-BHC	11.61	11.60	11.63	11.61	0.05	11.56	11.66	
delta-BHC	12.04	12.04	12.06	12.05	0.05	12.00	12.10	
Heptachlor	12.54	12.54	12.56	12.55	0.05	12.50	12.60	
Aldrin	13.26	13.26	13.28	13.27	0.05	13.22	13.32	
Hept. epoxide	14.70	14.70	14.72	14.71	0.05	14.66	14.76	
gamma chlordane	14.98	14.98	15.00	14.99	0.05	14.94	15.04	
alpha chlordane	15.28	15.28	15.30	15.29	0.05	15.24	15.34	
4,4'-DDE	15.49	15.49	15.50	15.49	0.05	15.44	15.54	
Endosulfan I	15.59	15.58	15.60	15.59	0.05	15.54	15.64	
Dieldrin	16.12	16.12	16.14	16.13	0.05	16.08	16.18	
Endrin	16.63	16.63	16.64	16.63	0.05	16.58	16.68	
4,4'-DDD	16.81	16.80	16.81	16.81	0.05	16.76	16.86	
Endosulfan II	17.13	17.12	17.14	17.13	0.05	17.08	17.18	
4,4'-DDT	17.40	17.40	17.41	17.40	0.05	17.35	17.45	
Endrin aldehyde	18.05	18.04	18.05	18.05	0.05	18.00	18.10	
Methoxychlor	18.45	18.45	18.46	18.45	0.05	18.40	18.50	
Endo. Sulfate	18.99	18.98	18.99	18.99	0.05	18.94	19.04	
Endrin ketone	19.58	19.58	19.59	19.58	0.05	19.53	19.63	

FORM VIA Pest

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area							
alpha-BHC	870020	1928136	9893205	20368253	31572854	0.999459	195769985	7.1
gamma-BHC	782210	1718680	8654866	17693997	27127019	0.999742	171838817	5.4
beta-BHC	368746	777465	3574830	7060769	10730864	0.999883	73027817	3.9
delta-BHC	726976	1610104	8324398	17057765	26551067	0.999377	164095665	7.3
Heptachlor	754197	1649417	8165969	16615769	26097352	0.999025	163848103	5.1
Aldrin	686950	1511767	7610684	15505075	23930732	0.999612	151073869	5.5
Hept. epoxide	634288	1364185	6648005	13337953	20645779	0.999552	133450851	3.1
gamma chlordane	615690	1350387	6639441	13410881	20912171	0.999320	132897761	4.5
alpha chlordane	592725	1279509	6189730	12423825	19475216	0.999127	124872705	3.5
Endosulfan I	585039	1231607	5847238	11709702	18081022	0.999585	118950085	2.4
4,4'-DDE	506155	1130631	5870351	11906748	18900551	0.998689	115354455	7.9
Dieldrin	550937	1230153	6211567	12670915	19806342	0.999233	123237094	6.6
Endrin	445883	1011605	5293206	10376584	16404960	0.998961	101866692	7.6
4,4'-DDD	444528	1015450	5107055	9810416	15405816	0.999099	98680260	5.8
Endosulfan II	466559	1033495	5087547	9816735	15266952	0.999402	99671854	4.0
4,4'-DDT	241238	616236	3705684	7745313	13363979	0.992677	70106241	22.3
Endrin aldehyde	357666	779348	3742848	7295242	11285799	0.999561	74503208	3.3
Endo. Sulfate	417463	920521	4506226	8842091	13850112	0.999221	89284842	4.0
Methoxychlor	135674	324658	1796657	3670876	6343830	0.992414	34906940	16.0
Endrin ketone	410679	916328	4632845	9268819	14584576	0.999079	91268839	6.1

Ave
%RSD = 6.6

Name:	Level	File ID:
ICM25WR DF10	A	H:\TURBO6\6890-06\6b13147.raw
ICM25WC DF10	B	H:\TURBO6\6890-06\6b13146.raw
ICM25WR	C	H:\TURBO6\6890-06\6b13145.raw
ICM25WC	D	H:\TURBO6\6890-06\6b13144.raw
ICM25WD	E	H:\TURBO6\6890-06\6b13143.raw

Form VI Pest

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008

to

06/20/2008

COMPOUND	LEVEL			AVE RT	WINDOW (+/-)	INITIAL WINDOW	
	A	C	E			From	To
	Retention Time						
alpha-BHC	12.19	12.18	12.19	12.19	0.05	12.14	12.24
gamma-BHC	13.14	13.13	13.14	13.14	0.05	13.09	13.19
beta-BHC	13.35	13.35	13.36	13.35	0.05	13.30	13.40
delta-BHC	14.10	14.09	14.10	14.10	0.05	14.05	14.15
Heptachlor	14.27	14.27	14.28	14.27	0.05	14.22	14.32
Aldrin	15.07	15.06	15.07	15.07	0.05	15.02	15.12
Hept. epoxide	16.42	16.41	16.42	16.42	0.05	16.37	16.47
gamma chlordane	16.85	16.84	16.85	16.85	0.05	16.80	16.90
alpha chlordane	17.18	17.18	17.19	17.18	0.05	17.13	17.23
Endosulfan I	17.32	17.31	17.32	17.32	0.05	17.27	17.37
4,4'-DDE	17.54	17.53	17.54	17.54	0.05	17.49	17.59
Dieldrin	17.94	17.93	17.94	17.94	0.05	17.89	17.99
Endrin	18.62	18.61	18.62	18.62	0.05	18.57	18.67
4,4'-DDD	18.81	18.80	18.81	18.81	0.05	18.76	18.86
Endosulfan II	19.07	19.07	19.08	19.07	0.05	19.02	19.12
4,4'-DDT	19.50	19.49	19.50	19.50	0.05	19.45	19.55
Endrin aldehyde	19.80	19.80	19.81	19.80	0.05	19.75	19.85
Endo. Sulfate	20.41	20.40	20.41	20.41	0.05	20.36	20.46
Methoxychlor	20.94	20.93	20.94	20.94	0.05	20.89	20.99
Endrin ketone	21.62	21.61	21.62	21.62	0.05	21.57	21.67

FORM VIA Pest

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008

to

06/20/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area							
Tetrachloro-m-xylene	656171	1280161	6329496	9581625	13286138	0.998949	129291320	2.0
Decachlorobiphenyl	552367	1086697	5118839	7736200	10552230	0.999532	106038303	3.3

Ave
%RSD =

Name:	Level	File ID:
ICM3PK DF10	A	H:\TURBO6\6890-06\6a13153.raw
ICM3PJ DF10	B	H:\TURBO6\6890-06\6a13152.raw
ICM3PK	C	H:\TURBO6\6890-06\6a13151.raw
ICM3PI	D	H:\TURBO6\6890-06\6a13150.raw
ICM3PJ	E	H:\TURBO6\6890-06\6a13149.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008

to

06/20/2008

LEVEL							
COMPOUND	A	C	E	AVE RT	WINDOW	INITIAL WINDOW	
						From	To
	Retention Time				(+/-)		
Tetrachloro-m-xylene	8.98	8.99	8.98	8.98	0.05	8.93	9.03
Decachlorobiphenyl	21.74	21.74	21.73	21.74	0.05	21.69	21.79

FORM VI Pest

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008

to

06/20/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area							
Tetrachloro-m-xylene	640223	1250637	6219588	9438033	13085711	0.998931	126839522	2.1
Decachlorobiphenyl	532985	1042280	4851650	7191651	9869810	0.999464	100488956	4.7

Ave
%RSD =

Name:	Level	File ID:
ICM3PK DF10	A	H:\TURBO6\6890-06\6b13153.raw
ICM3PJ DF10	B	H:\TURBO6\6890-06\6b13152.raw
ICM3PK	C	H:\TURBO6\6890-06\6b13151.raw
ICM3PI	D	H:\TURBO6\6890-06\6b13150.raw
ICM3PJ	E	H:\TURBO6\6890-06\6b13149.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008

to

06/20/2008

LEVEL						INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
Tetrachloro-m-xylene	10.44	10.44	10.44	10.44	0.05	10.39	10.49
Decachlorobiphenyl	25.00	25.00	25.00	25.00	0.05	24.95	25.05

FORM VI Pest

6F

PESTICIDE INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

Date(s) Analyzed:

Column: RTX-CLP I

07/07/2008 to

07/07/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area					1st Order		
chlordan	2871303	5617349	31196114	62256480	94530906	0.999944	60253772	5.3

Name:	Level	File ID:
ICM11QG 10X	A	H:\TURBO6\6890-06\6a14167.raw
ICM11QF 10X	B	H:\TURBO6\6890-06\6a14166.raw
ICM11QG	C	H:\TURBO6\6890-06\6a14165.raw
ICM11QF	D	H:\TURBO6\6890-06\6a14164.raw
ICM11QE	E	H:\TURBO6\6890-06\6a14163.raw

Ave
%RSD = 5.3

6J

PESTICIDE INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

Date(s) Analyzed:

Column: RTX-CLP I

07/07/2008

to

07/07/2008

LEVEL						INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
chlordane: A	14.56	14.56	14.57	14.56	0.07	14.49	14.63
chlordane: B	14.99	14.99	14.99	14.99	0.07	14.92	15.06
chlordane: C	15.27	15.27	15.27	15.27	0.07	15.20	15.34
chlordane:D	16.71	16.71	16.72	16.71	0.07	16.64	16.78
chlordane:E	16.97	16.97	16.97	16.97	0.07	16.90	17.04

FORM VI Pest

6F

PESTICIDE INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

Date(s) Analyzed:

Column: RTX-CLP II

07/07/2008 to

07/07/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area					1st Order		
CHLORDANE	2435349	4732083	24759567	50434807	70530414	0.997716	48600405	3.0

Name:	Level	File ID:
ICM11QG 10X	A	H:\TURBO6\6890-06\6b14167.raw
ICM11QF 10X	B	H:\TURBO6\6890-06\6b14166.raw
ICM11QG	C	H:\TURBO6\6890-06\6b14165.raw
ICM11QF	D	H:\TURBO6\6890-06\6b14164.raw
ICM11QE	E	H:\TURBO6\6890-06\6b14163.raw

Ave
%RSD =

6J

PESTICIDE INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

Date(s) Analyzed:

Column: RTX-CLP II

07/07/2008

to

07/07/2008

LEVEL						INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
chlordane: A	15.40	15.40	15.40	15.40	0.07	15.33	15.47
chlordane: B	17.05	17.04	17.04	17.04	0.07	16.97	17.11
chlordane: C	17.16	17.16	17.16	17.16	0.07	17.09	17.23
chlordane:D	18.77	18.76	18.76	18.76	0.07	18.69	18.83
chlordane:E	19.17	19.17	19.17	19.17	0.07	19.10	19.24

FORM VI Pest

6F

PESTICIDE INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

Date(s) Analyzed:

Column: RTX-CLP I

03/25/2008

to

03/25/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area					1st Order		
Toxaphene	137060	267683	2541097	5370398	8299573	0.999603	4280734	33.7

Name:	Level	File ID:
ICM14QD	A	H:\TURBO6\6890-06\6a06167.raw
ICM14QB	B	H:\TURBO6\6890-06\6a06166.raw
ICM14QD	C	H:\TURBO6\6890-06\6a06165.raw
ICM14QB	D	H:\TURBO6\6890-06\6a06164.raw
ICM14QE	E	H:\TURBO6\6890-06\6a06163.raw

Ave
%RSD = 33.7

6J

PESTICIDE INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

Date(s) Analyzed:

Column: RTX-CLP I

03/25/2008

to

03/25/2008

LEVEL							
COMPOUND	A	C	E	AVE RT	WINDOW	INITIAL WINDOW	
						From	To
	Retention Time				(+/-)		
Toxaphene-a	17.15	17.15	17.15	17.15	0.07	17.08	17.22
Toxaphene-b	17.52	17.52	17.52	17.52	0.07	17.45	17.59
Toxaphene-c	19.61	19.61	19.61	19.61	0.07	19.54	19.68

FORM VI Pest

6F

PESTICIDE INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

Date(s) Analyzed:

Column: RTX-CLP II

03/25/2008

to

03/25/2008

COMPOUND	LEVEL (ng)					R ²	Ave CF	RSD
	A	B	C	D	E			
	Area					1st Order		
Toxaphene	227407	491604	3161151	7128161	10536861	0.999001	5987843	20.0

Name:	Level	File ID:
ICM14QD	A	H:\TURBO6\6890-06\6b06167.raw
ICM14QB	B	H:\TURBO6\6890-06\6b06166.raw
ICM14QD	C	H:\TURBO6\6890-06\6b06165.raw
ICM14QB	D	H:\TURBO6\6890-06\6b06164.raw
ICM14QE	E	H:\TURBO6\6890-06\6b06163.raw

Ave
%RSD = 20.0

PESTICIDE BREAKDOWN SUMMARY

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008 to

06/16/2008

Ref ID: ICM1BC

Date/Time Analyzed:

07/02/2008 09:06

File ID: H:\TURBO6\6890-05\5a10140.raw

COMPOUND	Area	% Breakdown
4,4'-DDE	21377	
4,4'-DDD	174150	
4,4'-DDT	2741269	6.7
Endrin aldehyde	0	
Endrin ketone	164361	
Endrin	1719942	8.7

* Value >15.0% DEGRADATION

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008 to 06/16/2008

CCV ID: ICM25WS

Date/Time Analyzed: 07/02/2008 09:42

FILE ID: H:\TURBO6\6890-05\5a10141.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	11.10	11.05	11.15	0.0659	0.0500	31.8 *
gamma-BHC	11.94	11.89	11.99	0.0620	0.0500	23.9 *
beta-BHC	12.19	12.14	12.24	0.0615	0.0500	23.0 *
delta-BHC	12.63	12.58	12.68	0.0584	0.0500	16.7 *
Heptachlor	13.14	13.09	13.19	0.0555	0.0500	11.1
Aldrin	13.87	13.82	13.92	0.0540	0.0500	7.9
Hept. epoxide	15.31	15.26	15.36	0.0516	0.0500	3.2
gamma chlordane	15.59	15.54	15.64	0.0511	0.0500	2.3
alpha chlordane	15.90	15.85	15.95	0.0524	0.0500	4.7
4,4'-DDE	16.09	16.04	16.14	0.0460	0.0500	-7.9
Endosulfan I	16.20	16.15	16.25	0.0559	0.0500	11.7
Dieldrin	16.74	16.69	16.79	0.0564	0.0500	12.8
Endrin	17.25	17.20	17.30	0.0551	0.0500	10.2
4,4'-DDD	17.41	17.36	17.46	0.0549	0.0500	9.9
Endosulfan II	17.75	17.70	17.80	0.0582	0.0500	16.4 *
4,4'-DDT	18.02	17.97	18.07	0.0493	0.0500	-1.4
Endrin aldehyde	18.67	18.62	18.72	0.0612	0.0500	22.3 *
Methoxychlor	19.07	19.02	19.12	0.0516	0.0500	3.2
Endo. Sulfate	19.61	19.56	19.66	0.0566	0.0500	13.1
Endrin ketone	20.22	20.17	20.27	0.0525	0.0500	5.0

* Value >15.0% Difference

Average %D =

11.9

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008 to 06/16/2008

CCV ID: ICM3PN

Date/Time Analyzed: 07/02/2008 10:19

FILE ID: H:\TURBO6\6890-05\5a10142.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	9.54	9.49	9.59	0.0668	0.0500	33.5 *
Decachlorobiphenyl	22.44	22.39	22.49	0.0548	0.0500	9.5

* Value >15.0% Difference

Average %D =

21.5

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008

to

06/16/2008

CCV ID: ICM25WT

Date/Time Analyzed:

07/02/2008 15:01

FILE ID: H:\TURBO6\6890-05\5a10149.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	11.11	11.06	11.16	0.0674	0.0500	34.7 *
gamma-BHC	11.95	11.90	12.00	0.0630	0.0500	26.1 *
beta-BHC	12.20	12.15	12.25	0.0627	0.0500	25.3 *
delta-BHC	12.64	12.59	12.69	0.0602	0.0500	20.5 *
Heptachlor	13.16	13.11	13.21	0.0565	0.0500	12.9
Aldrin	13.88	13.83	13.93	0.0545	0.0500	8.9
Hept. epoxide	15.32	15.27	15.37	0.0523	0.0500	4.6
gamma chlordane	15.61	15.56	15.66	0.0519	0.0500	3.9
alpha chlordane	15.91	15.86	15.96	0.0532	0.0500	6.3
4,4'-DDE	16.10	16.05	16.15	0.0475	0.0500	-5.0
Endosulfan I	16.21	16.16	16.26	0.0565	0.0500	13.1
Dieldrin	16.75	16.70	16.80	0.0575	0.0500	14.9
Endrin	17.26	17.21	17.31	0.0564	0.0500	12.9
4,4'-DDD	17.42	17.37	17.47	0.0562	0.0500	12.4
Endosulfan II	17.76	17.71	17.81	0.0590	0.0500	18.0 *
4,4'-DDT	18.02	17.97	18.07	0.0502	0.0500	0.4
Endrin aldehyde	18.67	18.62	18.72	0.0585	0.0500	16.9 *
Methoxychlor	19.08	19.03	19.13	0.0507	0.0500	1.4
Endo. Sulfate	19.62	19.57	19.67	0.0584	0.0500	16.8 *
Endrin ketone	20.23	20.18	20.28	0.0542	0.0500	8.4

* Value >15.0% Difference

Average %D =

13.2

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008 to 06/16/2008

CCV ID: ICM3PN

Date/Time Analyzed: 07/02/2008 15:37

FILE ID: H:\TURBO6\6890-05\5a10150.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	9.54	9.49	9.59	0.0677	0.0500	35.3 *
Decachlorobiphenyl	22.44	22.39	22.49	0.0561	0.0500	12.2

* Value >15.0% Difference

Average %D =

23.8

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

01/25/2008 to 01/26/2008

CCV ID: ICM14QG

Date/Time Analyzed: 07/02/2008 16:13

FILE ID: H:\TURBO6\6890-05\5a10151.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
TOXAPHENE	19.38	19.33	19.43	0.7126	0.5000	42.5 *

* Value >15.0% Difference

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008 to 06/16/2008

CCV ID: ICM25WT

Date/Time Analyzed: 07/03/2008 08:26

FILE ID: H:\TURBO6\6890-05\5a10160.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	11.11	11.06	11.16	0.0689	0.0500	37.9 *
gamma-BHC	11.95	11.90	12.00	0.0646	0.0500	29.2 *
beta-BHC	12.20	12.15	12.25	0.0642	0.0500	28.4 *
delta-BHC	12.64	12.59	12.69	0.0629	0.0500	25.8 *
Heptachlor	13.15	13.10	13.20	0.0570	0.0500	14.1
Aldrin	13.88	13.83	13.93	0.0560	0.0500	12.1
Hept. epoxide	15.32	15.27	15.37	0.0530	0.0500	6.0
gamma chlordane	15.60	15.55	15.65	0.0525	0.0500	5.0
alpha chlordane	15.91	15.86	15.96	0.0539	0.0500	7.9
4,4'-DDE	16.10	16.05	16.15	0.0472	0.0500	-5.6
Endosulfan I	16.21	16.16	16.26	0.0580	0.0500	16.0 *
Dieldrin	16.75	16.70	16.80	0.0585	0.0500	16.9 *
Endrin	17.26	17.21	17.31	0.0567	0.0500	13.4
4,4'-DDD	17.42	17.37	17.47	0.0575	0.0500	15.0
Endosulfan II	17.76	17.71	17.81	0.0605	0.0500	21.0 *
4,4'-DDT	18.03	17.98	18.08	0.0492	0.0500	-1.6
Endrin aldehyde	18.68	18.63	18.73	0.0635	0.0500	26.9 *
Methoxychlor	19.08	19.03	19.13	0.0487	0.0500	-2.6
Endo. Sulfate	19.62	19.57	19.67	0.0591	0.0500	18.3 *
Endrin ketone	20.23	20.18	20.28	0.0546	0.0500	9.2

* Value >15.0% Difference

Average %D =

15.6

**CONFIRMATION
COLUMN****PESTICIDE CONTINUING CALIBRATION VERIFICATION**

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008 to 06/16/2008

CCV ID: ICM3PN

Date/Time Analyzed: 07/03/2008 09:15

FILE ID: H:\TURBO6\6890-05\5a10161.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	9.56	9.51	9.61	0.0687	0.0500	37.5 *
Decachlorobiphenyl	22.45	22.40	22.50	0.0568	0.0500	13.6

* Value >15.0% Difference

Average %D =

25.6

CONFIRMATION COLUMN

PESTICIDE BREAKDOWN SUMMARY

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008 to

06/16/2008

Ref ID: ICM1BC

Date/Time Analyzed:

07/03/2008 09:51

File ID: H:\TURBO6\6890-05\5a10162.raw

COMPOUND	Area	% Breakdown
4,4'-DDE	17627	
4,4'-DDD	193068	
4,4'-DDT	2622186	7.4
Endrin aldehyde	8851	
Endrin ketone	183262	
Endrin	1696626	10.2

* Value >15.0% DEGRADATION

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008 to 06/16/2008

CCV ID: ICM25WT

Date/Time Analyzed: 07/03/2008 14:30

FILE ID: H:\TURBO6\6890-05\5a10168.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	11.10	11.05	11.15	0.0688	0.0500	37.6 *
gamma-BHC	11.94	11.89	11.99	0.0643	0.0500	28.6 *
beta-BHC	12.18	12.13	12.23	0.0640	0.0500	28.0 *
delta-BHC	12.63	12.58	12.68	0.0625	0.0500	24.9 *
Heptachlor	13.14	13.09	13.19	0.0563	0.0500	12.6
Aldrin	13.87	13.82	13.92	0.0554	0.0500	10.9
Hept. epoxide	15.31	15.26	15.36	0.0525	0.0500	4.9
gamma chlordane	15.59	15.54	15.64	0.0522	0.0500	4.3
alpha chlordane	15.89	15.84	15.94	0.0537	0.0500	7.4
4,4'-DDE	16.09	16.04	16.14	0.0454	0.0500	-9.3
Endosulfan I	16.20	16.15	16.25	0.0572	0.0500	14.4
Dieldrin	16.74	16.69	16.79	0.0575	0.0500	15.0
Endrin	17.25	17.20	17.30	0.0555	0.0500	11.1
4,4'-DDD	17.41	17.36	17.46	0.0563	0.0500	12.5
Endosulfan II	17.75	17.70	17.80	0.0595	0.0500	19.0 *
4,4'-DDT	18.01	17.96	18.06	0.0467	0.0500	-6.6
Endrin aldehyde	18.67	18.62	18.72	0.0660	0.0500	31.9 *
Methoxychlor	19.07	19.02	19.12	0.0485	0.0500	-3.0
Endo. Sulfate	19.61	19.56	19.66	0.0577	0.0500	15.5 *
Endrin ketone	20.22	20.17	20.27	0.0531	0.0500	6.2

* Value >15.0% Difference

Average %D =

15.2

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

**CONFIRMATION
COLUMN**

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/16/2008 to 06/16/2008

CCV ID: ICM3PN

Date/Time Analyzed: 07/03/2008 15:06

FILE ID: H:\TURBO6\6890-05\5a10169.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	9.54	9.49	9.59	0.0699	0.0500	39.7 *
Decachlorobiphenyl	22.44	22.39	22.49	0.0568	0.0500	13.6

* Value >15.0% Difference

Average %D =

26.6

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

**CONFIRMATION
COLUMN**

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

01/24/2008 to 01/24/2008

CCV ID: ICM11QB

Date/Time Analyzed: 07/03/2008 15:42

FILE ID: H:\TURBO6\6890-05\5a10170.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
CHLORDANE	15.87	15.82	15.92	0.5701	0.5000	14.0

* Value >15.0% Difference

7C

PESTICIDE BREAKDOWN SUMMARY

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008 to

06/16/2008

Ref ID: ICM1BC

Date/Time Analyzed:

07/02/2008 09:06

File ID: H:\TURBO6\6890-05\5b10140.raw

COMPOUND	Area	% Breakdown
4,4'-DDE	59596	
4,4'-DDD	359041	
4,4'-DDT	4163069	9.1
Endrin aldehyde	6219	
Endrin ketone	204548	
Endrin	2476957	7.8

* Value >15.0% DEGRADATION

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008 to 06/16/2008

CCV ID: ICM25WS

Date/Time Analyzed: 07/02/2008 09:42

FILE ID: H:\TURBO6\6890-05\5b10141.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	13.05	13.00	13.10	0.0518	0.0500	3.6
gamma-BHC	14.02	13.97	14.07	0.0527	0.0500	5.3
beta-BHC	14.24	14.19	14.29	0.0550	0.0500	10.0
delta-BHC	15.00	14.95	15.05	0.0521	0.0500	4.3
Heptachlor	15.14	15.09	15.19	0.0531	0.0500	6.1
Aldrin	15.95	15.90	16.00	0.0524	0.0500	4.7
Hept. epoxide	17.32	17.27	17.37	0.0522	0.0500	4.4
gamma chlordane	17.75	17.70	17.80	0.0521	0.0500	4.3
alpha chlordane	18.08	18.03	18.13	0.0533	0.0500	6.6
Endosulfan I	18.24	18.19	18.29	0.0516	0.0500	3.1
4,4'-DDE	18.41	18.36	18.46	0.0510	0.0500	2.1
Dieldrin	18.86	18.81	18.91	0.0516	0.0500	3.2
Endrin	19.57	19.52	19.62	0.0508	0.0500	1.7
4,4'-DDD	19.71	19.66	19.76	0.0519	0.0500	3.8
Endosulfan II	20.03	19.98	20.08	0.0551	0.0500	10.1
4,4'-DDT	20.40	20.35	20.45	0.0452	0.0500	-9.5
Endrin aldehyde	20.78	20.73	20.83	0.0515	0.0500	3.1
Endo. Sulfate	21.40	21.35	21.45	0.0512	0.0500	2.3
Methoxychlor	21.93	21.88	21.98	0.0468	0.0500	-6.4
Endrin ketone	22.78	22.73	22.83	0.0480	0.0500	-4.0

* Value >15.0% Difference

Average %D =

4.9

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008 to 06/16/2008

CCV ID: ICM3PN

Date/Time Analyzed: 07/02/2008 10:19

FILE ID: H:\TURBO6\6890-05\5b10142.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	11.24	11.19	11.29	0.0514	0.0500	2.8
Decachlorobiphenyl	26.46	26.41	26.51	0.0500	0.0500	0.0

* Value >15.0% Difference

Average %D =

1.4

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008

to

06/16/2008

CCV ID: ICM25WT

Date/Time Analyzed:

07/02/2008 15:01

FILE ID: H:\TURBO6\6890-05\5b10149.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	13.05	13.00	13.10	0.0533	0.0500	6.7
gamma-BHC	14.02	13.97	14.07	0.0543	0.0500	8.6
beta-BHC	14.24	14.19	14.29	0.0566	0.0500	13.1
delta-BHC	15.00	14.95	15.05	0.0537	0.0500	7.4
Heptachlor	15.14	15.09	15.19	0.0546	0.0500	9.2
Aldrin	15.95	15.90	16.00	0.0538	0.0500	7.6
Hept. epoxide	17.32	17.27	17.37	0.0537	0.0500	7.4
gamma chlordane	17.75	17.70	17.80	0.0536	0.0500	7.3
alpha chlordane	18.08	18.03	18.13	0.0547	0.0500	9.5
Endosulfan I	18.24	18.19	18.29	0.0532	0.0500	6.3
4,4'-DDE	18.41	18.36	18.46	0.0525	0.0500	5.0
Dieldrin	18.87	18.82	18.92	0.0532	0.0500	6.4
Endrin	19.57	19.52	19.62	0.0528	0.0500	5.5
4,4'-DDD	19.71	19.66	19.76	0.0541	0.0500	8.1
Endosulfan II	20.04	19.99	20.09	0.0539	0.0500	7.8
4,4'-DDT	20.41	20.36	20.46	0.0481	0.0500	-3.8
Endrin aldehyde	20.78	20.73	20.83	0.0541	0.0500	8.1
Endo. Sulfate	21.40	21.35	21.45	0.0525	0.0500	5.0
Methoxychlor	21.93	21.88	21.98	0.0479	0.0500	-4.1
Endrin ketone	22.78	22.73	22.83	0.0496	0.0500	-0.9

* Value >15.0% Difference

Average %D =

6.9

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008 to 06/16/2008

CCV ID: ICM3PN

Date/Time Analyzed: 07/02/2008 15:37

FILE ID: H:\TURBO6\6890-05\5b10150.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	11.24	11.19	11.29	0.0523	0.0500	4.7
Decachlorobiphenyl	26.46	26.41	26.51	0.0515	0.0500	3.0

* Value >15.0% Difference

Average %D =

3.8

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

01/25/2008 to 01/26/2008

CCV ID: ICM14QG

Date/Time Analyzed: 07/02/2008 16:13

FILE ID: H:\TURBO6\6890-05\5b10151.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
TOXAPHENE	20.2	20.15	20.25	0.9524	0.5000	90.5 *

* Value >15.0% Difference

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008 to 06/16/2008

CCV ID: ICM25WT

Date/Time Analyzed: 07/03/2008 08:26

FILE ID: H:\TURBO6\6890-05\5b10160.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	13.05	13.00	13.10	0.0531	0.0500	6.1
gamma-BHC	14.02	13.97	14.07	0.0539	0.0500	7.9
beta-BHC	14.24	14.19	14.29	0.0565	0.0500	13.0
delta-BHC	15.00	14.95	15.05	0.0535	0.0500	7.1
Heptachlor	15.14	15.09	15.19	0.0539	0.0500	7.9
Aldrin	15.95	15.90	16.00	0.0533	0.0500	6.6
Hept. epoxide	17.32	17.27	17.37	0.0538	0.0500	7.6
gamma chlordane	17.75	17.70	17.80	0.0542	0.0500	8.3
alpha chlordane	18.08	18.03	18.13	0.0550	0.0500	10.0
Endosulfan I	18.24	18.19	18.29	0.0525	0.0500	5.0
4,4'-DDE	18.41	18.36	18.46	0.0515	0.0500	3.0
Dieldrin	18.87	18.82	18.92	0.0534	0.0500	6.7
Endrin	19.57	19.52	19.62	0.0526	0.0500	5.2
4,4'-DDD	19.71	19.66	19.76	0.0547	0.0500	9.4
Endosulfan II	20.04	19.99	20.09	0.0573	0.0500	14.7
4,4'-DDT	20.40	20.35	20.45	0.0459	0.0500	-8.2
Endrin aldehyde	20.78	20.73	20.83	0.0549	0.0500	9.7
Endo. Sulfate	21.40	21.35	21.45	0.0538	0.0500	7.7
Methoxychlor	21.93	21.88	21.98	0.0471	0.0500	-5.8
Endrin ketone	22.78	22.73	22.83	0.0502	0.0500	0.4

* Value >15.0% Difference

Average %D =

7.5

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008 to 06/16/2008

CCV ID: ICM3PN

Date/Time Analyzed: 07/03/2008 09:15

FILE ID: H:\TURBO6\6890-05\5b10161.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	11.25	11.20	11.30	0.0531	0.0500	6.2
Decachlorobiphenyl	26.47	26.42	26.52	0.0522	0.0500	4.3

* Value >15.0% Difference

Average %D =

5.2

7C

PESTICIDE BREAKDOWN SUMMARY

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008 to

06/16/2008

Ref ID: ICM1BC

Date/Time Analyzed:

07/03/2008 09:51

File ID: H:\TURBO6\6890-05\5b10162.raw

COMPOUND	Area	% Breakdown
4,4'-DDE	43088	
4,4'-DDD	428830	
4,4'-DDT	4114987	10.3
Endrin aldehyde	10099	
Endrin ketone	199512	
Endrin	2520393	7.7

* Value >15.0% DEGRADATION

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008 to 06/16/2008

CCV ID: ICM25WT

Date/Time Analyzed: 07/03/2008 14:30

FILE ID: H:\TURBO6\6890-05\5b10168.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	13.04	12.99	13.09	0.0534	0.0500	6.9
gamma-BHC	14.01	13.96	14.06	0.0543	0.0500	8.6
beta-BHC	14.23	14.18	14.28	0.0568	0.0500	13.6
delta-BHC	14.99	14.94	15.04	0.0539	0.0500	7.8
Heptachlor	15.13	15.08	15.18	0.0542	0.0500	8.4
Aldrin	15.94	15.89	15.99	0.0536	0.0500	7.1
Hept. epoxide	17.31	17.26	17.36	0.0537	0.0500	7.4
gamma chlordane	17.74	17.69	17.79	0.0538	0.0500	7.6
alpha chlordane	18.08	18.03	18.13	0.0552	0.0500	10.4
Endosulfan I	18.24	18.19	18.29	0.0532	0.0500	6.4
4,4'-DDE	18.41	18.36	18.46	0.0522	0.0500	4.4
Dieldrin	18.86	18.81	18.91	0.0533	0.0500	6.5
Endrin	19.56	19.51	19.61	0.0524	0.0500	4.8
4,4'-DDD	19.71	19.66	19.76	0.0549	0.0500	9.8
Endosulfan II	20.03	19.98	20.08	0.0606	0.0500	21.1 *
4,4'-DDT	20.40	20.35	20.45	0.0445	0.0500	-10.9
Endrin aldehyde	20.78	20.73	20.83	0.0543	0.0500	8.6
Endo. Sulfate	21.39	21.34	21.44	0.0532	0.0500	6.3
Methoxychlor	21.92	21.87	21.97	0.0452	0.0500	-9.7
Endrin ketone	22.77	22.72	22.82	0.0495	0.0500	-1.1

* Value >15.0% Difference

Average %D =

8.4

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/16/2008 to 06/16/2008

CCV ID: ICM3PN

Date/Time Analyzed: 07/03/2008 15:06

FILE ID: H:\TURBO6\6890-05\5b10169.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	11.24	11.19	11.29	0.0537	0.0500	7.5
Decachlorobiphenyl	26.46	26.41	26.51	0.0528	0.0500	5.5

* Value >15.0% Difference

Average %D =

6.5

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-05 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

01/24/2008 to 01/24/2008

CCV ID: ICM11QB

Date/Time Analyzed: 07/03/2008 15:42

FILE ID: H:\TURBO6\6890-05\5b10170.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
CHLORDANE	17.94	17.89	17.99	1.1851	0.5000	137.0 *

* Value >15.0% Difference

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

**CONFIRMATION
COLUMN**

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed: 07/10/2008 14:30

FILE ID: H:\TURBO6\6890-06\6a15033.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	10.51	10.46	10.56	0.0455	0.0500	-9.0
gamma-BHC	11.35	11.30	11.40	0.0454	0.0500	-9.2
beta-BHC	11.60	11.55	11.65	0.0460	0.0500	-8.0
delta-BHC	12.03	11.98	12.08	0.0438	0.0500	-12.4
Heptachlor	12.53	12.48	12.58	0.0459	0.0500	-8.2
Aldrin	13.25	13.20	13.30	0.0446	0.0500	-10.9
Hept. epoxide	14.69	14.64	14.74	0.0444	0.0500	-11.2
gamma chlordane	14.97	14.92	15.02	0.0434	0.0500	-13.2
alpha chlordane	15.27	15.22	15.32	0.0434	0.0500	-13.2
4,4'-DDE	15.48	15.43	15.53	0.0430	0.0500	-13.9
Endosulfan I	15.57	15.52	15.62	0.0442	0.0500	-11.5
Dieldrin	16.11	16.06	16.16	0.0426	0.0500	-14.8
Endrin	16.62	16.57	16.67	0.0436	0.0500	-12.9
4,4'-DDD	16.79	16.74	16.84	0.0419	0.0500	-16.1 *
Endosulfan II	17.11	17.06	17.16	0.0420	0.0500	-16.0 *
4,4'-DDT	17.39	17.34	17.44	0.0420	0.0500	-16.1 *
Endrin aldehyde	18.02	17.97	18.07	0.0375	0.0500	-25.1 *
Methoxychlor	18.44	18.39	18.49	0.0478	0.0500	-4.4
Endo. Sulfate	18.96	18.91	19.01	0.0392	0.0500	-21.7 *
Endrin ketone	19.56	19.51	19.61	0.0422	0.0500	-15.7 *

* Value >15.0% Difference

Average %D =

13.2

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/10/2008 15:04

FILE ID: H:\TURBO6\6890-06\6a15034.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	8.97	8.92	9.02	0.0425	0.0500	-14.9
Decachlorobiphenyl	21.70	21.65	21.75	0.0387	0.0500	-22.6 *

* Value >15.0% Difference

Average %D =

18.8

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

07/07/2008 to 07/07/2008

CCV ID: ICM11QG

Date/Time Analyzed: 07/10/2008 15:38

FILE ID: H:\TURBO6\6890-06\6a15035.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
CHLORDANE	15.25	15.20	15.30	0.4721	0.5000	-5.6

* Value >15.0% Difference

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

03/25/2008 to 03/25/2008

CCV ID: ICM14QG

Date/Time Analyzed: 07/10/2008 16:12

FILE ID: H:\TURBO6\6890-06\6a15036.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
TOXAPHENE	16.68	16.63	16.73	0.4130	0.5000	-17.4 *

* Value >15.0% Difference

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

**CONFIRMATION
COLUMN**

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed: 07/10/2008 21:16

FILE ID: H:\TURBO6\6890-06\6a15045.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	10.51	10.46	10.56	0.0464	0.0500	-7.2
gamma-BHC	11.35	11.30	11.40	0.0463	0.0500	-7.5
beta-BHC	11.60	11.55	11.65	0.0473	0.0500	-5.4
delta-BHC	12.03	11.98	12.08	0.0449	0.0500	-10.1
Heptachlor	12.53	12.48	12.58	0.0466	0.0500	-6.8
Aldrin	13.25	13.20	13.30	0.0452	0.0500	-9.6
Hept. epoxide	14.69	14.64	14.74	0.0446	0.0500	-10.9
gamma chlordane	14.97	14.92	15.02	0.0438	0.0500	-12.4
alpha chlordane	15.27	15.22	15.32	0.0426	0.0500	-14.8
4,4'-DDE	15.48	15.43	15.53	0.0430	0.0500	-14.0
Endosulfan I	15.57	15.52	15.62	0.0443	0.0500	-11.3
Dieldrin	16.11	16.06	16.16	0.0425	0.0500	-15.0
Endrin	16.62	16.57	16.67	0.0422	0.0500	-15.5 *
4,4'-DDD	16.79	16.74	16.84	0.0422	0.0500	-15.7 *
Endosulfan II	17.11	17.06	17.16	0.0428	0.0500	-14.4
4,4'-DDT	17.39	17.34	17.44	0.0413	0.0500	-17.4 *
Endrin aldehyde	18.03	17.98	18.08	0.0408	0.0500	-18.5 *
Methoxychlor	18.44	18.39	18.49	0.0398	0.0500	-20.3 *
Endo. Sulfate	18.97	18.92	19.02	0.0387	0.0500	-22.7 *
Endrin ketone	19.56	19.51	19.61	0.0419	0.0500	-16.1 *

* Value >15.0% Difference

Average %D =

13.3

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

**CONFIRMATION
COLUMN**

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/10/2008 21:50

FILE ID: H:\TURBO6\6890-06\6a15046.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	8.96	8.91	9.01	0.0447	0.0500	-10.6
Decachlorobiphenyl	21.71	21.66	21.76	0.0406	0.0500	-18.8 *

* Value >15.0% Difference

Average %D =

14.7

7C

PESTICIDE BREAKDOWN SUMMARY

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to

06/20/2008

Ref ID: ICM1BC

Date/Time Analyzed:

07/11/2008 08:44

File ID: H:\TURBO6\6890-06\6a15048.raw

COMPOUND	Area	% Breakdown
4,4'-DDE	21552	
4,4'-DDD	439966	
4,4'-DDT	8286462	5.3
Endrin aldehyde	53753	
Endrin ketone	333405	
Endrin	4852380	7.4

* Value >15.0% DEGRADATION

CONFIRMATION COLUMN

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed: 07/11/2008 09:18

FILE ID: H:\TURBO6\6890-06\6a15049.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	10.50	10.45	10.55	0.0476	0.0500	-4.7
gamma-BHC	11.34	11.29	11.39	0.0471	0.0500	-5.8
beta-BHC	11.59	11.54	11.64	0.0474	0.0500	-5.2
delta-BHC	12.02	11.97	12.07	0.0457	0.0500	-8.7
Heptachlor	12.52	12.47	12.57	0.0471	0.0500	-5.7
Aldrin	13.24	13.19	13.29	0.0451	0.0500	-9.7
Hept. epoxide	14.68	14.63	14.73	0.0442	0.0500	-11.5
gamma chlordane	14.96	14.91	15.01	0.0439	0.0500	-12.3
alpha chlordane	15.27	15.22	15.32	0.0443	0.0500	-11.4
4,4'-DDE	15.47	15.42	15.52	0.0442	0.0500	-11.5
Endosulfan I	15.57	15.52	15.62	0.0451	0.0500	-9.7
Dieldrin	16.10	16.05	16.15	0.0430	0.0500	-14.0
Endrin	16.61	16.56	16.66	0.0440	0.0500	-11.9
4,4'-DDD	16.78	16.73	16.83	0.0425	0.0500	-15.0
Endosulfan II	17.10	17.05	17.15	0.0425	0.0500	-15.0
4,4'-DDT	17.38	17.33	17.43	0.0446	0.0500	-10.8
Endrin aldehyde	18.02	17.97	18.07	0.0395	0.0500	-21.1 *
Methoxychlor	18.43	18.38	18.48	0.0420	0.0500	-15.9 *
Endo. Sulfate	18.96	18.91	19.01	0.0401	0.0500	-19.8 *
Endrin ketone	19.56	19.51	19.61	0.0398	0.0500	-20.4 *

* Value >15.0% Difference

Average %D =

12.0

CONFIRMATION COLUMN

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/11/2008 09:52

FILE ID: H:\TURBO6\6890-06\6a15050.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	8.96	8.91	9.01	0.0451	0.0500	-9.9
Decachlorobiphenyl	21.71	21.66	21.76	0.0391	0.0500	-21.7 *

* Value >15.0% Difference

Average %D =

15.8

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed: 07/12/2008 05:38

FILE ID: H:\TURBO6\6890-06\6b15056.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	12.19	12.14	12.24	0.0586	0.0500	17.1 *
gamma-BHC	13.14	13.09	13.19	0.0593	0.0500	18.6 *
beta-BHC	13.35	13.30	13.40	0.0608	0.0500	21.7 *
delta-BHC	14.10	14.05	14.15	0.0591	0.0500	18.1 *
Heptachlor	14.27	14.22	14.32	0.0605	0.0500	21.1 *
Aldrin	15.07	15.02	15.12	0.0592	0.0500	18.4 *
Hept. epoxide	16.41	16.36	16.46	0.0591	0.0500	18.1 *
gamma chlordane	16.84	16.79	16.89	0.0587	0.0500	17.4 *
alpha chlordane	17.18	17.13	17.23	0.0583	0.0500	16.7 *
Endosulfan I	17.31	17.26	17.36	0.0581	0.0500	16.2 *
4,4'-DDE	17.53	17.48	17.58	0.0574	0.0500	14.8
Dieldrin	17.93	17.88	17.98	0.0574	0.0500	14.8
Endrin	18.61	18.56	18.66	0.0569	0.0500	13.7
4,4'-DDD	18.80	18.75	18.85	0.0564	0.0500	12.8
Endosulfan II	19.06	19.01	19.11	0.0583	0.0500	16.6 *
4,4'-DDT	19.49	19.44	19.54	0.0555	0.0500	11.0
Endrin aldehyde	19.79	19.74	19.84	0.0573	0.0500	14.5
Endo. Sulfate	20.39	20.34	20.44	0.0572	0.0500	14.4
Methoxychlor	20.93	20.88	20.98	0.0531	0.0500	6.2
Endrin ketone	21.60	21.55	21.65	0.0557	0.0500	11.4

* Value >15.0% Difference

Average %D =

15.7

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

**CONFIRMATION
COLUMN**

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/12/2008 06:12

FILE ID: H:\TURBO6\6890-06\6b15057.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	10.44	10.39	10.49	0.0579	0.0500	15.9 *
Decachlorobiphenyl	24.96	24.91	25.01	0.0548	0.0500	9.5

* Value >15.0% Difference

Average %D =

12.7

7C

PESTICIDE BREAKDOWN SUMMARY

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008

to

06/20/2008

Ref ID: ICM1BC

Date/Time Analyzed:

07/16/2008 08:22

File ID: H:\TURBO6\6890-06\6a15090.raw

**CONFIRMATION
COLUMN**

COMPOUND	Area	% Breakdown
4,4'-DDE	122977	
4,4'-DDD	438692	
4,4'-DDT	7479083	7.0
Endrin aldehyde	140836	
Endrin ketone	326774	
Endrin	4590865	9.2

* Value >15.0% DEGRADATION

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed: 07/16/2008 08:56

**CONFIRMATION
COLUMN**

FILE ID: H:\TURBO6\6890-06\6a15091.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	10.47	10.42	10.52	0.0418	0.0500	-16.4 *
gamma-BHC	11.30	11.25	11.35	0.0418	0.0500	-16.4 *
beta-BHC	11.55	11.50	11.60	0.0431	0.0500	-13.8
delta-BHC	11.98	11.93	12.03	0.0417	0.0500	-16.7 *
Heptachlor	12.48	12.43	12.53	0.0426	0.0500	-14.8
Aldrin	13.20	13.15	13.25	0.0420	0.0500	-16.0 *
Hept. epoxide	14.64	14.59	14.69	0.0411	0.0500	-17.8 *
gamma chlordane	14.92	14.87	14.97	0.0405	0.0500	-19.0 *
alpha chlordane	15.22	15.17	15.27	0.0404	0.0500	-19.3 *
4,4'-DDE	15.43	15.38	15.48	0.0395	0.0500	-20.9 *
Endosulfan I	15.52	15.47	15.57	0.0412	0.0500	-17.6 *
Dieldrin	16.06	16.01	16.11	0.0395	0.0500	-21.0 *
Endrin	16.56	16.51	16.61	0.0390	0.0500	-21.9 *
4,4'-DDD	16.74	16.69	16.79	0.0398	0.0500	-20.5 *
Endosulfan II	17.06	17.01	17.11	0.0392	0.0500	-21.5 *
4,4'-DDT	17.34	17.29	17.39	0.0382	0.0500	-23.6 *
Endrin aldehyde	17.97	17.92	18.02	0.0373	0.0500	-25.4 *
Methoxychlor	18.39	18.34	18.44	0.0390	0.0500	-22.0 *
Endo. Sulfate	18.91	18.86	18.96	0.0368	0.0500	-26.3 *
Endrin ketone	19.51	19.46	19.56	0.0393	0.0500	-21.4 *

* Value >15.0% Difference

Average %D =

19.6

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/16/2008 10:35

FILE ID: H:\TURBO6\6890-06\6a15092.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	8.91	8.86	8.96	0.0405	0.0500	-18.9 *
Decachlorobiphenyl	21.63	21.58	21.68	0.0376	0.0500	-24.9 *

* Value >15.0% Difference

Average %D =

21.9

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

07/07/2008 to 07/07/2008

CCV ID: ICM11QG

Date/Time Analyzed: 07/16/2008 11:08

FILE ID: H:\TURBO6\6890-06\6a15093.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
CHLORDANE	15.19	15.14	15.24	0.4105	0.5000	-17.9 *

* Value >15.0% Difference

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

03/25/2008 to 03/25/2008

CCV ID: ICM14QG

Date/Time Analyzed: 07/16/2008 11:41

FILE ID: H:\TURBO6\6890-06\6a15094.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
TOXAPHENE	17.18	17.13	17.23	0.5342	0.5000	6.8

* Value >15.0% Difference

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008

to

06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed:

07/16/2008 16:46

FILE ID: H:\TURBO6\6890-06\6a15103.raw

**CONFIRMATION
COLUMN**

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	10.46	10.41	10.51	0.0456	0.0500	-8.8
gamma-BHC	11.29	11.24	11.34	0.0452	0.0500	-9.6
beta-BHC	11.54	11.49	11.59	0.0467	0.0500	-6.7
delta-BHC	11.97	11.92	12.02	0.0453	0.0500	-9.4
Heptachlor	12.47	12.42	12.52	0.0441	0.0500	-11.8
Aldrin	13.19	13.14	13.24	0.0447	0.0500	-10.6
Hept. epoxide	14.63	14.58	14.68	0.0430	0.0500	-14.0
gamma chlordane	14.91	14.86	14.96	0.0426	0.0500	-14.7
alpha chlordane	15.21	15.16	15.26	0.0420	0.0500	-16.1 *
4,4'-DDE	15.41	15.36	15.46	0.0404	0.0500	-19.2 *
Endosulfan I	15.51	15.46	15.56	0.0427	0.0500	-14.6
Dieldrin	16.04	15.99	16.09	0.0409	0.0500	-18.3 *
Endrin	16.55	16.50	16.60	0.0377	0.0500	-24.6 *
4,4'-DDD	16.73	16.68	16.78	0.0398	0.0500	-20.5 *
Endosulfan II	17.04	16.99	17.09	0.0402	0.0500	-19.6 *
4,4'-DDT	17.32	17.27	17.37	0.0361	0.0500	-27.9 *
Endrin aldehyde	17.96	17.91	18.01	0.0411	0.0500	-17.8 *
Methoxychlor	18.37	18.32	18.42	0.0360	0.0500	-28.0 *
Endo. Sulfate	18.90	18.85	18.95	0.0380	0.0500	-24.1 *
Endrin ketone	19.49	19.44	19.54	0.0384	0.0500	-23.2 *

* Value >15.0% Difference

Average %D =

17.0

PESTICIDE CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/16/2008 17:19

FILE ID: H:\TURBO6\6890-06\6a15104.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	8.92	8.87	8.97	0.0454	0.0500	-9.2
Decachlorobiphenyl	21.64	21.59	21.69	0.0391	0.0500	-21.8 *

* Value >15.0% Difference

Average %D =

15.5

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed: 07/10/2008 14:30

FILE ID: H:\TURBO6\6890-06\6b15033.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	12.16	12.11	12.21	0.0524	0.0500	4.7
gamma-BHC	13.11	13.06	13.16	0.0516	0.0500	3.2
beta-BHC	13.33	13.28	13.38	0.0533	0.0500	6.6
delta-BHC	14.07	14.02	14.12	0.0519	0.0500	3.8
Heptachlor	14.25	14.20	14.30	0.0543	0.0500	8.6
Aldrin	15.04	14.99	15.09	0.0528	0.0500	5.7
Hept. epoxide	16.39	16.34	16.44	0.0546	0.0500	9.2
gamma chlordane	16.82	16.77	16.87	0.0544	0.0500	8.7
alpha chlordane	17.16	17.11	17.21	0.0545	0.0500	9.1
Endosulfan I	17.29	17.24	17.34	0.0527	0.0500	5.4
4,4'-DDE	17.51	17.46	17.56	0.0546	0.0500	9.1
Dieldrin	17.91	17.86	17.96	0.0544	0.0500	8.8
Endrin	18.59	18.54	18.64	0.0573	0.0500	14.6
4,4'-DDD	18.78	18.73	18.83	0.0608	0.0500	21.5 *
Endosulfan II	19.04	18.99	19.09	0.0614	0.0500	22.8 *
4,4'-DDT	19.47	19.42	19.52	0.0634	0.0500	26.7 *
Endrin aldehyde	19.77	19.72	19.82	0.0590	0.0500	18.0 *
Endo. Sulfate	20.38	20.33	20.43	0.0534	0.0500	6.7
Methoxychlor	20.91	20.86	20.96	0.0523	0.0500	4.6
Endrin ketone	21.59	21.54	21.64	0.0547	0.0500	9.4

* Value >15.0% Difference

Average %D =

10.4

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/10/2008 15:04

FILE ID: H:\TURBO6\6890-06\6b15034.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	10.41	10.36	10.46	0.0500	0.0500	0.0
Decachlorobiphenyl	24.94	24.89	24.99	0.0517	0.0500	3.4

* Value >15.0% Difference

Average %D =

1.7

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

07/07/2008 to 07/07/2008

CCV ID: ICM11QG

Date/Time Analyzed: 07/10/2008 15:38

FILE ID: H:\TURBO6\6890-06\6b15035.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
CHLORDANE	17.04	16.99	17.09	0.5157	0.5000	3.1

* Value >15.0% Difference

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

03/25/2008 to 03/25/2008

CCV ID: ICM14QG

Date/Time Analyzed: 07/10/2008 16:12

FILE ID: H:\TURBO6\6890-06\6b15036.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
TOXAPHENE	19.79	18.37	18.42	0.5178	0.5000	3.6

* Value >15.0% Difference

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

6/20/2008 to 6/20/2008

CCV ID: ICM25WU

Date/Time Analyzed: 7/10/2008 21:16

FILE ID: H:\TURBO6\6890-06\6b15045.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	12.16	12.11	12.21	0.0542	0.0500	8.5
gamma-BHC	13.11	13.06	13.16	0.0547	0.0500	9.3
beta-BHC	13.33	13.28	13.38	0.0552	0.0500	10.4
delta-BHC	14.07	14.02	14.12	0.0530	0.0500	6.0
Heptachlor	14.25	14.20	14.30	0.0550	0.0500	10.1
Aldrin	15.04	14.99	15.09	0.0546	0.0500	9.1
Hept. epoxide	16.39	16.34	16.44	0.0564	0.0500	12.9
gamma chlordane	16.82	16.77	16.87	0.0549	0.0500	9.7
alpha chlordane	17.16	17.11	17.21	0.0548	0.0500	9.7
Endosulfan I	17.29	17.24	17.34	0.0545	0.0500	9.0
4,4'-DDE	17.51	17.46	17.56	0.0548	0.0500	9.5
Dieldrin	17.91	17.86	17.96	0.0556	0.0500	11.2
Endrin	18.59	18.54	18.64	0.0534	0.0500	6.8
4,4'-DDD	18.78	18.73	18.83	0.0543	0.0500	8.6
Endosulfan II	19.04	18.99	19.09	0.0549	0.0500	9.7
4,4'-DDT	19.47	19.42	19.52	0.0486	0.0500	-2.7
Endrin aldehyde	19.77	19.72	19.82	0.0553	0.0500	10.6
Endo. Sulfate	20.38	20.33	20.43	0.0529	0.0500	5.8
Methoxychlor	20.91	20.86	20.96	0.0497	0.0500	-0.7
Endrin ketone	21.58	21.53	21.63	0.0547	0.0500	9.3

* Value >15.0% Difference

Average %D =

8.5

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/10/2008 21:50

FILE ID: H:\TURBO6\6890-06\6b15046.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	10.42	10.37	10.47	0.0526	0.0500	5.2
Decachlorobiphenyl	24.94	24.89	24.99	0.0530	0.0500	5.9

* Value >15.0% Difference

Average %D =

5.6

7C

PESTICIDE BREAKDOWN SUMMARY

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to

06/20/2008

Ref ID: ICM1BC

Date/Time Analyzed:

07/11/2008 08:44

File ID: H:\TURBO6\6890-06\6b15048.raw

COMPOUND	Area	% Breakdown
4,4'-DDE	32849	
4,4'-DDD	230618	
4,4'-DDT	8825150	2.9
Endrin aldehyde	23576	
Endrin ketone	373883	
Endrin	4985631	7.4

* Value >15.0% DEGRADATION

FORM XI Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008

to

06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed:

07/11/2008 09:18

FILE ID: H:\TURBO6\6890-06\6b15049.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	12.15	12.10	12.20	0.0537	0.0500	7.4
gamma-BHC	13.10	13.05	13.15	0.0515	0.0500	3.0
beta-BHC	13.32	13.27	13.37	0.0531	0.0500	6.2
delta-BHC	14.06	14.01	14.11	0.0535	0.0500	7.0
Heptachlor	14.24	14.19	14.29	0.0555	0.0500	11.0
Aldrin	15.03	14.98	15.08	0.0534	0.0500	6.7
Hept. epoxide	16.38	16.33	16.43	0.0551	0.0500	10.1
gamma chlordane	16.81	16.76	16.86	0.0538	0.0500	7.5
alpha chlordane	17.14	17.09	17.19	0.0549	0.0500	9.7
Endosulfan I	17.28	17.23	17.33	0.0546	0.0500	9.3
4,4'-DDE	17.49	17.44	17.54	0.0534	0.0500	6.9
Dieldrin	17.89	17.84	17.94	0.0539	0.0500	7.8
Endrin	18.57	18.52	18.62	0.0543	0.0500	8.7
4,4'-DDD	18.76	18.71	18.81	0.0524	0.0500	4.7
Endosulfan II	19.03	18.98	19.08	0.0530	0.0500	6.0
4,4'-DDT	19.45	19.40	19.50	0.0565	0.0500	13.0
Endrin aldehyde	19.76	19.71	19.81	0.0544	0.0500	8.8
Endo. Sulfate	20.36	20.31	20.41	0.0535	0.0500	6.9
Methoxychlor	20.90	20.85	20.95	0.0546	0.0500	9.2
Endrin ketone	21.57	21.52	21.62	0.0560	0.0500	12.0

* Value >15.0% Difference

Average %D =

8.1

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/11/2008 09:52

FILE ID: H:\TURBO6\6890-06\6b15050.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	10.41	10.36	10.46	0.0521	0.0500	4.2
Decachlorobiphenyl	24.93	24.88	24.98	0.0505	0.0500	1.0

* Value >15.0% Difference

Average %D =

2.6

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed: 07/12/2008 05:38

FILE ID: H:\TURBO6\6890-06\6a15056.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	10.53	10.48	10.58	0.0455	0.0500	-9.1
gamma-BHC	11.36	11.31	11.41	0.0450	0.0500	-9.9
beta-BHC	11.61	11.56	11.66	0.0456	0.0500	-8.8
delta-BHC	12.05	12.00	12.10	0.0446	0.0500	-10.8
Heptachlor	12.55	12.50	12.60	0.0453	0.0500	-9.3
Aldrin	13.27	13.22	13.32	0.0439	0.0500	-12.2
Hept. epoxide	14.71	14.66	14.76	0.0425	0.0500	-15.0
gamma chlordane	14.99	14.94	15.04	0.0414	0.0500	-17.1 *
alpha chlordane	15.29	15.24	15.34	0.0412	0.0500	-17.5 *
4,4'-DDE	15.50	15.45	15.55	0.0388	0.0500	-22.4 *
Endosulfan I	15.60	15.55	15.65	0.0426	0.0500	-14.8
Dieldrin	16.13	16.08	16.18	0.0404	0.0500	-19.2 *
Endrin	16.64	16.59	16.69	0.0404	0.0500	-19.2 *
4,4'-DDD	16.82	16.77	16.87	0.0399	0.0500	-20.1 *
Endosulfan II	17.14	17.09	17.19	0.0398	0.0500	-20.4 *
4,4'-DDT	17.42	17.37	17.47	0.0394	0.0500	-21.2 *
Endrin aldehyde	18.06	18.01	18.11	0.0393	0.0500	-21.4 *
Methoxychlor	18.47	18.42	18.52	0.0391	0.0500	-21.9 *
Endo. Sulfate	19.00	18.95	19.05	0.0368	0.0500	-26.3 *
Endrin ketone	19.59	19.54	19.64	0.0414	0.0500	-17.1 *

* Value >15.0% Difference

Average %D =

16.7

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 A

ICAL Date(s) Analyzed:

Column: RTX-CLP I

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/12/2008 06:12

FILE ID: H:\TURBO6\6890-06\6a15057.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	8.97	8.92	9.02	0.0453	0.0500	-9.4
Decachlorobiphenyl	21.74	21.69	21.79	0.0374	0.0500	-25.3 *

* Value >15.0% Difference

Average %D =

17.3

7C

PESTICIDE BREAKDOWN SUMMARY

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008

to

06/20/2008

Ref ID: ICM1BC

Date/Time Analyzed:

07/16/2008 08:22

File ID: H:\TURBO6\6890-06\6b15090.raw

COMPOUND	Area	% Breakdown
4,4'-DDE	42447	
4,4'-DDD	857790	
4,4'-DDT	9213005	8.9
Endrin aldehyde	187084	
Endrin ketone	397295	
Endrin	5397827	9.8

* Value >15.0% DEGRADATION

FORM XI Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed: 07/16/2008 08:56

FILE ID: H:\TURBO6\6890-06\6b15091.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	12.17	12.12	12.22	0.0500	0.0500	0.1
gamma-BHC	13.12	13.07	13.17	0.0517	0.0500	3.4
beta-BHC	13.34	13.29	13.39	0.0523	0.0500	4.6
delta-BHC	14.09	14.04	14.14	0.0518	0.0500	3.7
Heptachlor	14.26	14.21	14.31	0.0530	0.0500	5.9
Aldrin	15.06	15.01	15.11	0.0537	0.0500	7.3
Hept. epoxide	16.40	16.35	16.45	0.0540	0.0500	8.0
gamma chlordane	16.84	16.79	16.89	0.0541	0.0500	8.2
alpha chlordane	17.17	17.12	17.22	0.0542	0.0500	8.3
Endosulfan I	17.30	17.25	17.35	0.0545	0.0500	9.0
4,4'-DDE	17.52	17.47	17.57	0.0545	0.0500	9.0
Dieldrin	17.92	17.87	17.97	0.0542	0.0500	8.4
Endrin	18.60	18.55	18.65	0.0525	0.0500	5.1
4,4'-DDD	18.79	18.74	18.84	0.0546	0.0500	9.2
Endosulfan II	19.05	19.00	19.10	0.0570	0.0500	14.0
4,4'-DDT	19.48	19.43	19.53	0.0551	0.0500	10.2
Endrin aldehyde	19.78	19.73	19.83	0.0550	0.0500	10.0
Endo. Sulfate	20.38	20.33	20.43	0.0544	0.0500	8.8
Methoxychlor	20.92	20.87	20.97	0.0514	0.0500	2.8
Endrin ketone	21.59	21.54	21.64	0.0554	0.0500	10.8

* Value >15.0% Difference

Average %D =

7.3

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/16/2008 10:35

FILE ID: H:\TURBO6\6890-06\6b15092.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	10.42	10.37	10.47	0.0496	0.0500	-0.9
Decachlorobiphenyl	24.93	24.88	24.98	0.0541	0.0500	8.3

* Value >15.0% Difference

Average %D =

4.6

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

07/07/2008

to

07/07/2008

CCV ID: ICM11QG

Date/Time Analyzed:

07/16/2008 11:08

FILE ID: H:\TURBO6\6890-06\6b15093.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
CHLORDANE	17.05	17.00	17.10	0.4606	0.5000	-7.9

* Value >15.0% Difference

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

03/25/2008 to 03/25/2008

CCV ID: ICM14QG

Date/Time Analyzed: 07/16/2008 11:41

FILE ID: H:\TURBO6\6890-06\6b15094.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
TOXAPHENE	19.8	18.37	18.42	0.5257	0.5000	5.1

* Value >15.0% Difference

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

CCV ID: ICM25WU

Date/Time Analyzed: 07/16/2008 16:46

FILE ID: H:\TURBO6\6890-06\6b15103.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
alpha-BHC	12.17	12.12	12.22	0.0550	0.0500	10.0
gamma-BHC	13.12	13.07	13.17	0.0555	0.0500	11.0
beta-BHC	13.34	13.29	13.39	0.0573	0.0500	14.6
delta-BHC	14.09	14.04	14.14	0.0557	0.0500	11.4
Heptachlor	14.26	14.21	14.31	0.0545	0.0500	8.9
Aldrin	15.05	15.00	15.10	0.0555	0.0500	11.0
Hept. epoxide	16.40	16.35	16.45	0.0548	0.0500	9.6
gamma chlordane	16.83	16.78	16.88	0.0553	0.0500	10.7
alpha chlordane	17.17	17.12	17.22	0.0541	0.0500	8.2
Endosulfan I	17.30	17.25	17.35	0.0542	0.0500	8.4
4,4'-DDE	17.52	17.47	17.57	0.0541	0.0500	8.1
Dieldrin	17.92	17.87	17.97	0.0536	0.0500	7.2
Endrin	18.60	18.55	18.65	0.0499	0.0500	-0.1
4,4'-DDD	18.79	18.74	18.84	0.0547	0.0500	9.3
Endosulfan II	19.05	19.00	19.10	0.0566	0.0500	13.2
4,4'-DDT	19.48	19.43	19.53	0.0489	0.0500	-2.3
Endrin aldehyde	19.78	19.73	19.83	0.0546	0.0500	9.2
Endo. Sulfate	20.38	20.33	20.43	0.0538	0.0500	7.5
Methoxychlor	20.92	20.87	20.97	0.0462	0.0500	-7.6
Endrin ketone	21.59	21.54	21.64	0.0543	0.0500	8.6

* Value >15.0% Difference

Average %D =

8.8

FORM VII Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-06 B

ICAL Date(s) Analyzed:

Column: RTX-CLP II

06/20/2008 to 06/20/2008

CCV ID: ICM3PP

Date/Time Analyzed: 07/16/2008 17:19

FILE ID: H:\TURBO6\6890-06\6b15104.raw

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ug/mL)	Expected Amt.(ug/mL)	% D
		From	To			
Tetrachloro-m-xylene	10.42	10.37	10.47	0.0543	0.0500	8.7
Decachlorobiphenyl	24.94	24.89	24.99	0.0549	0.0500	9.8

* Value >15.0% Difference

Average %D =

9.2

TotalChrom Method File H:\TURBO6\6890-05\05A(06-16-08).mth
 Printed by : NearyM on: 06/16/2008 14:33:45
 Created by : NearyM on: 06/16/2008 14:24:33
 Edited by : NearyM on: 06/16/2008 14:33:38
 Number of Times Edited : 2
 Number of Times Calibrated : 2434
 Description: CURVE 04-28-08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

Processed by: MW 6/17/08
 Reviewed by: DJB 6/30/08

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

alpha-BHC

Component Type : Single Peak Component
 Retention Time : 11.118 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	176378.20	55012.24	-----	-----	1
B	0.0100	362536.50	113407.52	-----	-----	1
C	0.0500	2278073.30	715167.01	-----	-----	1
D	0.1000	4754730.40	1.49e+06	-----	-----	1
E	0.1500	7199752.10	2.24e+06	-----	-----	1

Calibration Curve : $y = (-110128.736507) + (48641630.550853)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999885

gamma-BHC

Component Type : Single Peak Component
 Retention Time : 11.955 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:33:45 Method: H:\TURBO6\6890-05\05A(06-16-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	169779.80	50901.90	-----	-----	1
B	0.0100	344327.00	104013.62	-----	-----	1
C	0.0500	2100176.00	638776.09	-----	-----	1
D	0.1000	4411454.50	1.33e+06	-----	-----	1
E	0.1500	6665942.80	2.01e+06	-----	-----	1

Calibration Curve : $y = (-97331.900679) + (45010600.339905)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999843

beta-BHC

Component Type : Single Peak Component
 Retention Time : 12.201 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	79850.60	22827.63	-----	-----	1
B	0.0100	157880.20	44829.96	-----	-----	1
C	0.0500	867150.10	250432.56	-----	-----	1
D	0.1000	1768314.80	512591.64	-----	-----	1
E	0.1500	2655533.60	784028.91	-----	-----	1

Calibration Curve : $y = (-16491.677820) + (17813293.621225)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999973

delta-BHC

Component Type : Single Peak Component
 Retention Time : 12.643 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:33:45 Method: H:\TURBO6\6890-05\05A(06-16-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	156911.40	43429.94	-----	-----	1
B	0.0100	321245.10	90993.38	-----	-----	1
C	0.0500	2007709.80	586745.83	-----	-----	1
D	0.1000	4280371.80	1.26e+06	-----	-----	1
E	0.1500	6359245.60	1.86e+06	-----	-----	1

Calibration Curve : $y = (-93637.982537) + (43154518.792924)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999701

Heptachlor

Component Type : Single Peak Component
 Retention Time : 13.155 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	189298.10	56442.49	-----	-----	1
B	0.0100	376746.50	112710.88	-----	-----	1
C	0.0500	2212133.80	673305.62	-----	-----	1
D	0.1000	4583358.30	1.38e+06	-----	-----	1
E	0.1500	6921504.60	2.08e+06	-----	-----	1

Calibration Curve : $y = (-79202.329586) + (46600166.457391)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999910

Aldrin

Component Type : Single Peak Component
 Retention Time : 13.882 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:33:45 Method: H:\TURBO6\6890-05\05A(06-16-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	179872.10	53077.18	-----	-----	1
B	0.0100	357498.60	105102.56	-----	-----	1
C	0.0500	2148362.40	642213.04	-----	-----	1
D	0.1000	4466445.30	1.32e+06	-----	-----	1
E	0.1500	6731985.80	2.00e+06	-----	-----	1

Calibration Curve : $y = (-83039.385766) + (45394796.853216)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999902

Hept. epoxide

Component Type : Single Peak Component
 Retention Time : 15.323 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	193340.00	52835.49	-----	-----	1
B	0.0100	375443.00	103309.62	-----	-----	1
C	0.0500	2116748.60	599081.05	-----	-----	1
D	0.1000	4297223.60	1.21e+06	-----	-----	1
E	0.1500	6334819.60	1.79e+06	-----	-----	1

Calibration Curve : $y = (-22629.594895) + (42637215.157068)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999803

gamma chlordane

Component Type : Single Peak Component
 Retention Time : 15.608 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:33:45 Method: H:\TURBO6\6890-05\05A(06-16-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	188325.10	51328.82	-----	-----	1
B	0.0100	368821.80	101276.50	-----	-----	1
C	0.0500	2133156.40	601870.98	-----	-----	1
D	0.1000	4342431.10	1.24e+06	-----	-----	1
E	0.1500	6400936.00	1.84e+06	-----	-----	1

Calibration Curve : $y = (-31789.880268) + (43151173.972513)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999785

alpha chlordane

Component Type : Single Peak Component
 Retention Time : 15.911 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	186221.79	50004.73	-----	-----	1
B	0.0100	360115.93	97414.21	-----	-----	1
C	0.0500	1848756.60	513950.83	-----	-----	1
D	0.1000	4028662.50	1.15e+06	-----	-----	1
E	0.1500	5864885.20	1.66e+06	-----	-----	1

Calibration Curve : $y = (-38294.838700) + (39619415.152670)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999078

4,4'-DDE

Component Type : Single Peak Component
 Retention Time : 16.105 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:33:45 Method: H:\TURBO6\6890-05\05A(06-16-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	150884.25	38590.21	-----	-----	1
B	0.0100	294659.17	78727.84	-----	-----	1
C	0.0500	1820857.09	524744.12	-----	-----	1
D	0.1000	3772336.17	1.09e+06	-----	-----	1
E	0.1500	5769937.10	1.70e+06	-----	-----	1

Calibration Curve : $y = (-85376.555271) + (38843036.734416)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999798

Endosulfan I

Component Type : Single Peak Component
 Retention Time : 16.215 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	198581.56	47885.51	-----	-----	1
B	0.0100	377878.29	93628.42	-----	-----	1
C	0.0500	1993699.91	529265.30	-----	-----	1
D	0.1000	4005492.23	1.08e+06	-----	-----	1
E	0.1500	5687598.60	1.55e+06	-----	-----	1

Calibration Curve : $y = (38361.018139) + (38322049.185464)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998556

Dieldrin

Component Type : Single Peak Component
 Retention Time : 16.758 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:33:45 Method: H:\TURBO6\6890-05\05A(06-16-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level	Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A		0.0050	164499.60	43421.69	-----	-----	1
B		0.0100	321874.20	86979.68	-----	-----	1
C		0.0500	1919582.80	526766.84	-----	-----	1
D		0.1000	4020878.10	1.11e+06	-----	-----	1
E		0.1500	5865511.00	1.61e+06	-----	-----	1

Calibration Curve : $y = (-46345.990783) + (39758968.879314)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999481

Endrin

Component Type : Single Peak Component
 Retention Time : 17.271 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level	Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A		0.0050	136912.07	36202.10	-----	-----	1
B		0.0100	276912.88	72998.43	-----	-----	1
C		0.0500	1665064.94	447611.30	-----	-----	1
D		0.1000	3479104.10	932001.12	-----	-----	1
E		0.1500	5300152.61	1.43e+06	-----	-----	1

Calibration Curve : $y = (-77804.677013) + (35705300.242049)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999806

4,4'-DDD

Component Type : Single Peak Component
 Retention Time : 17.429 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:33:45 Method: H:\TURBO6\6890-05\05A(06-16-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	119712.43	27983.83	-----	-----	1
B	0.0100	264334.70	58451.02	-----	-----	1
C	0.0500	1574054.51	389753.92	-----	-----	1
D	0.1000	3204118.32	812515.16	-----	-----	1
E	0.1500	4818126.99	1.30e+06	-----	-----	1

Calibration Curve : $y = (-50250.032095) + (32481259.453442)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999987

Endosulfan II

Component Type : Single Peak Component
 Retention Time : 17.769 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	142447.60	35473.64	-----	-----	1
B	0.0100	287859.31	70139.48	-----	-----	1
C	0.0500	1615808.33	420092.88	-----	-----	1
D	0.1000	3222137.54	828597.93	-----	-----	1
E	0.1500	4809694.80	1.27e+06	-----	-----	1

Calibration Curve : $y = (-17638.693053) + (32273463.615176)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999935

4,4'-DDT

Component Type : Single Peak Component
 Retention Time : 18.033 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:33:45 Method: H:\TURBO6\6890-05\05A(06-16-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	67785.70	17976.28	-----	-----	1
B	0.0100	172887.52	42560.09	-----	-----	1
C	0.0500	1194853.72	322849.69	-----	-----	1
D	0.1000	2595910.64	702507.23	-----	-----	1
E	0.1500	4255584.30	1.19e+06	-----	-----	1

Calibration Curve : $y = (-147070.771589) + (28642462.209237)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.996788

Endrin aldehyde

Component Type : Single Peak Component
 Retention Time : 18.688 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	118404.60	27991.17	-----	-----	1
B	0.0100	223583.50	53723.65	-----	-----	1
C	0.0500	1197596.73	292675.08	-----	-----	1
D	0.1000	2163652.46	522102.67	-----	-----	1
E	0.1500	3192293.39	779082.66	-----	-----	1

Calibration Curve : $y = (45309.897276) + (21171368.860393)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998280

Methoxychlor

Component Type : Single Peak Component
 Retention Time : 19.087 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:33:45 Method: H:\TURBO6\6890-05\05A(06-16-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	40952.60	10752.66	-----	-----	1
B	0.0100	97196.20	25279.25	-----	-----	1
C	0.0500	649200.10	170727.23	-----	-----	1
D	0.1000	1335489.40	356195.24	-----	-----	1
E	0.1500	2059311.30	558674.28	-----	-----	1

Calibration Curve : $y = (-40156.286322) + (13914066.767016)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999805

Endo. Sulfate

Component Type : Single Peak Component
 Retention Time : 19.637 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	140224.40	33186.45	-----	-----	1
B	0.0100	269366.60	64652.72	-----	-----	1
C	0.0500	1552853.96	383931.48	-----	-----	1
D	0.1000	3000029.89	753553.47	-----	-----	1
E	0.1500	4200151.18	1.06e+06	-----	-----	1

Calibration Curve : $y = (43878.878832) + (28391211.540120)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.996951

Endrin ketone

Component Type : Single Peak Component
 Retention Time : 20.246 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:33:45 Method: H:\TURBO6\6890-05\05A(06-16-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	168492.20	38781.82	-----	-----	1
B	0.0100	327660.60	75980.99	-----	-----	1
C	0.0500	1881712.72	445765.97	-----	-----	1
D	0.1000	3702143.04	878987.89	-----	-----	1
E	0.1500	5460869.14	1.32e+06	-----	-----	1

Calibration Curve : $y = (-2679.643113) + (36680241.008220)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.999667

```

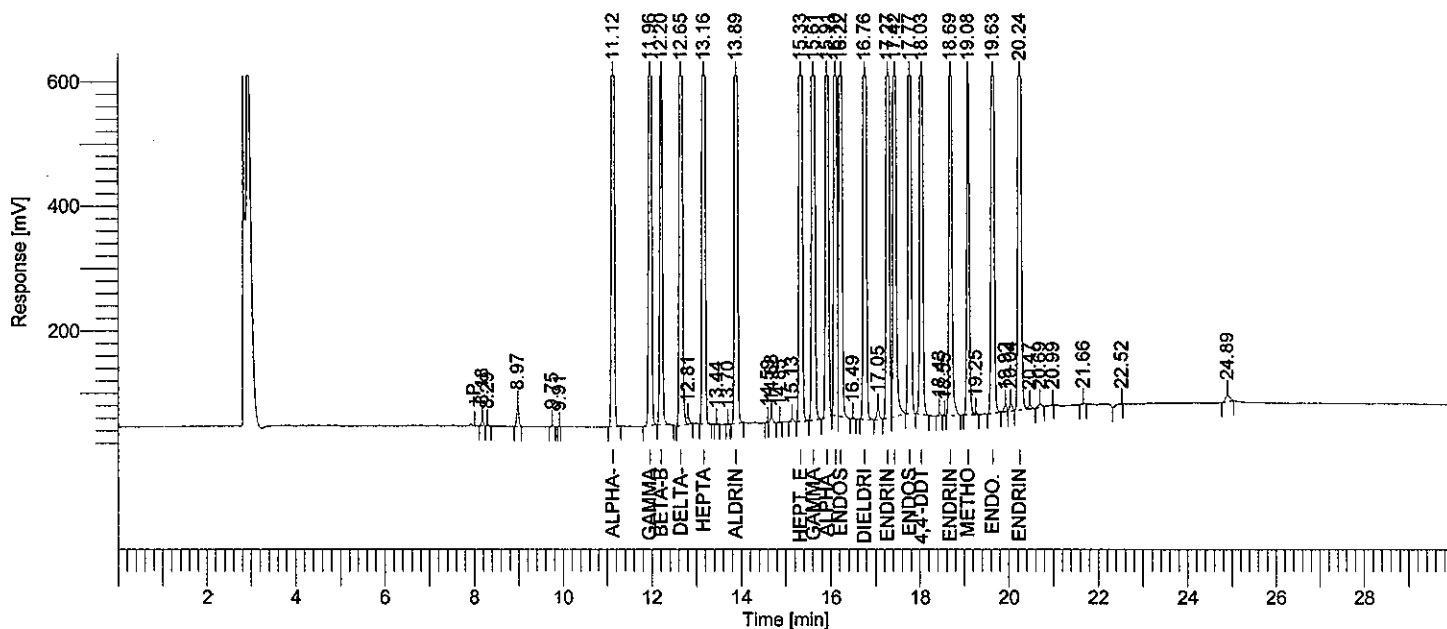
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 74264
Operator : tchro
Sample Number : 0.15
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 06/16/2008 11:09:51

Date : 06/16/2008 14:29:37
Sample Name : ICM25WD
Study :
Rack/Vial : 1/39
Channel : A
A/D mV Range : 1000
End Time : 29.96 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a09139.raw <Modified>
Result File : H:\TURBO6\6890-05\5a09139.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09139.raw
Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09139.rst
Calib Method : h:\turbo6\6890-05\05a(06-16-08).mth from H:\TURBO6\6890-05\5a09139.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.18	26781		B	0.02678	9190.45
2	8.29	9244		V	0.00924	2864.01
3	8.97	106260		B	0.10626	34053.34
4	9.75	11238		B	0.01124	3576.44
6	11.12	7199752	alpha-BHC	B	0.15000	2.24e+06
7	11.96	6665943	gamma-BHC	B	0.15000	2.01e+06
8	12.20	2655534	beta-BHC	B	0.15000	784028.91
9	12.65	6359246	delta-BHC	B	0.15000	1.86e+06
10	12.81	58437		E	0.05844	9717.17
11	13.16	6921505	Heptachlor	B	0.15000	2.08e+06
12	13.44	4180		B	0.00418	1183.02
13	13.70	2110		B	0.00211	771.82
14	13.89	6731986	Aldrin	B	0.15000	2.00e+06
15	14.59	3331		B	0.00333	1149.21
16	14.68	34249		V	0.03425	9016.41
17	14.85	3247		B	0.00325	1042.47

06/16/2008 14:29:37 Result: H:\TURBO6\6890-05\5a09139.rst

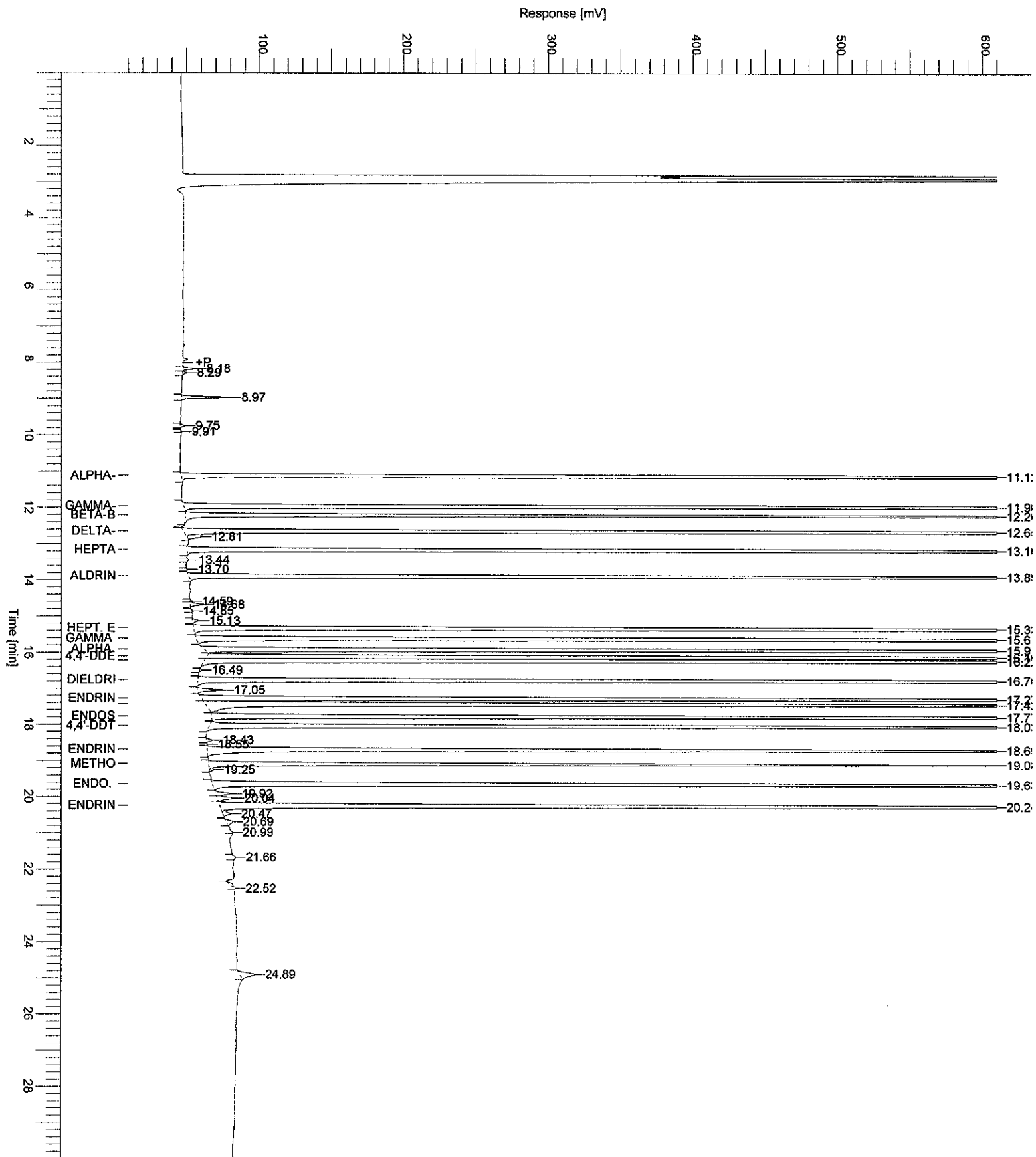
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	15.13	17425		B	0.01743	4622.74
19	15.33	6334820	Hept. epoxide	B	0.15000	1.79e+06
20	15.61	6400936	gamma chlordane	B	0.15000	1.84e+06
21	15.91	5864885	alpha chlordane	B	0.15000	1.66e+06
22	16.10	5769937	4,4'-DDE	B	0.15000	1.70e+06
23	16.22	5687599	Endosulfan I	V	0.15000	1.55e+06
24	16.49	5313		B	0.00531	1476.78
25	16.76	5865511	Dieldrin	B	0.15000	1.61e+06
26	17.05	69668		B	0.06967	18122.85
27	17.27	5300153	Endrin	B	0.15000	1.43e+06
28	17.42	4818127	4,4'-DDD	V	0.15000	1.30e+06
29	17.77	4809695	Endosulfan II	B	0.15000	1.27e+06
30	18.03	4255584	4,4'-DDT	B	0.15000	1.19e+06
31	18.43	15430		B	0.01543	4130.56
32	18.55	1022		B	0.00102	484.52
33	18.69	3192293	Endrin aldehyde	V	0.15000	779082.66
34	19.08	2059311	Methoxychlor	B	0.15000	558674.28
35	19.25	14042		E	0.01404	3128.82
36	19.63	4200151	Endo. Sulfate	B	0.15000	1.06e+06
37	19.92	49226		V	0.04923	10933.14
38	20.04	55450		V	0.05545	11525.08
39	20.24	5460869	Endrin ketone	V	0.15000	1.32e+06
40	20.47	35373		E	0.03537	5697.37
41	20.69	30073		B	0.03007	4703.26
42	20.99	2441		V	0.00244	416.54
43	21.66	7476		B	0.00748	1697.80
44	22.52	16386		B	0.01639	659.00
45	24.89	73698		B	0.07370	10603.55
		1e+08			3.65210	3.02e+07

Sample Name : ICM25WD
FileName : H:\TURBO6\6890-05\5a09139.raw
Date : 06/16/2008 14:29:39
Method : 6890-Sins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: 0.15

Page 1 of 1

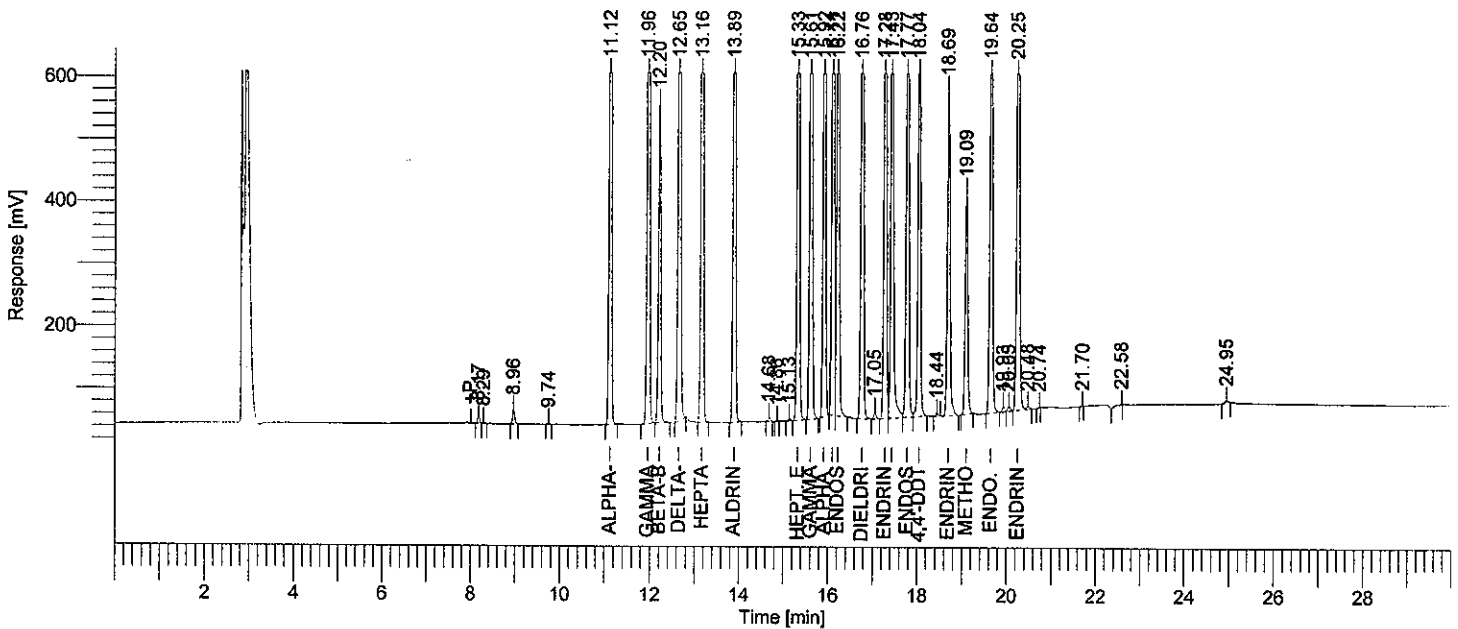
Time of Injection: 06/16/2008 11:09:51
End Time : 30.00 min
Plot Scale: 600.0 mV
Low Point : 10.00 mV
High Point : 610.00 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 74266
 Operator : tchom
 Sample Number : 0.10
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 06/16/2008 11:46:14

Date : 06/16/2008 14:29:46
 Sample Name : ICM25WC
 Study :
 Rack/Vial : 1/40
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5a09140.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a09140.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09140.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09140.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08).mth from H:\TURBO6\6890-05\5a09140.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-09.seq



HP 6890-05 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.17	34880		B	0.03488	11867.05
2	8.29	9282		V	0.00928	2864.90
3	8.96	71524		B	0.07152	22042.59
4	9.74	7275		B	0.00728	2332.87
5	11.12	4754730	alpha-BHC	B	0.10000	1.49e+06
6	11.96	4411454	gamma-BHC	B	0.10000	1.33e+06
7	12.20	1768315	beta-BHC	B	0.10000	512591.64
8	12.65	4280372	delta-BHC	B	0.10000	1.26e+06
9	13.16	4583358	Heptachlor	B	0.10000	1.38e+06
10	13.89	4466445	Aldrin	B	0.10000	1.32e+06
11	14.68	20066		B	0.02007	5813.67
12	14.86	3590		B	0.00359	1087.08
13	15.13	10152		B	0.01015	2757.71
14	15.33	4297224	Hept. epoxide	B	0.10000	1.21e+06
15	15.61	4342431	gamma chlordane	B	0.10000	1.24e+06
16	15.92	4028662	alpha chlordane	B	0.10000	1.15e+06

06/16/2008 14:29:46 Result: H:\TURBO6\6890-05\5a09140.rst

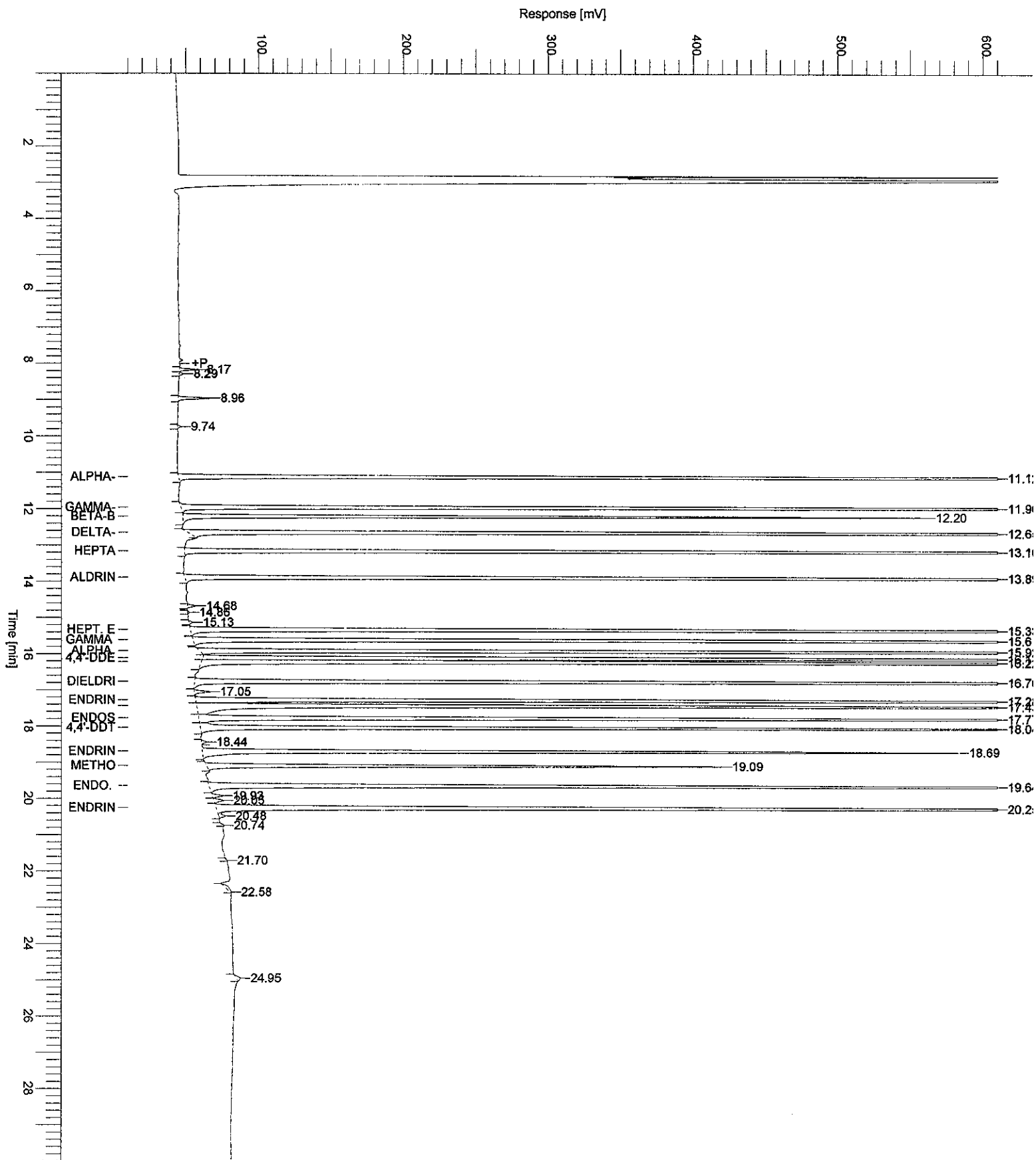
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	16.11	3772336	4,4'-DDE	B	0.10000	1.09e+06
18	16.22	4005492	Endosulfan I	V	0.10000	1.08e+06
19	16.76	4020878	Dieldrin	B	0.10000	1.11e+06
20	17.05	40773		B	0.04077	10766.82
21	17.28	3479104	Endrin	B	0.10000	932001.12
22	17.43	3204118	4,4'-DDD	V	0.10000	812515.16
23	17.77	3222138	Endosulfan II	V	0.10000	828597.93
24	18.04	2595911	4,4'-DDT	V	0.10000	702507.23
25	18.44	12972		B	0.01297	3334.53
26	18.69	2163652	Endrin aldehyde	V	0.10000	522102.67
27	19.09	1335489	Methoxychlor	B	0.10000	356195.24
28	19.64	3000030	Endo. Sulfate	B	0.10000	753553.47
29	19.93	29764		V	0.02976	7178.46
30	20.05	31242		V	0.03124	6753.11
31	20.25	3702143	Endrin ketone	V	0.10000	878987.89
32	20.48	27254		E	0.02725	4666.74
33	20.74	2775		B	0.00278	664.48
34	21.70	1653		B	0.00165	414.00
35	22.58	24886		B	0.02489	581.42
36	24.95	17944		B	0.01794	2779.28
					<hr/>	
71780317					2.34603	2.00e+07

Sample Name : ICM25WC
FileName : H:\TURBO6\6890-05\5a09140.raw
Date : 06/16/2008 14:29:47
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: 0.10

Page 1 of 1

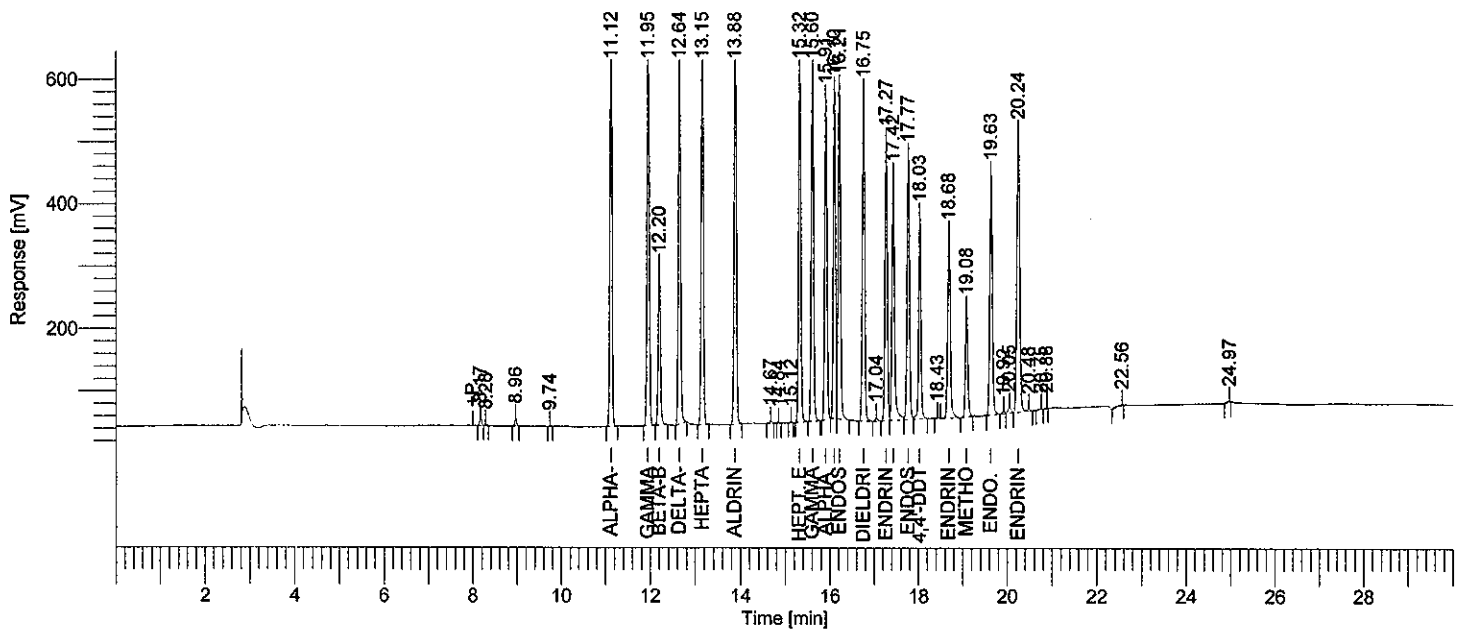
Time of Injection: 06/16/2008 11:46:14
End Time : 30.00 min
Plot Scale: 600.0 mV
Low Point : 10.00 mV
High Point : 610.00 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 74268
 Operator : tchom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 06/16/2008 12:22:26

Date : 06/16/2008 14:29:54
 Sample Name : ICM25WQ
 Study :
 Rack/Vial : 1/41
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5a09141.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a09141.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09141.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09141.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08).mth from H:\TURBO6\6890-05\5a09141.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-09.seq



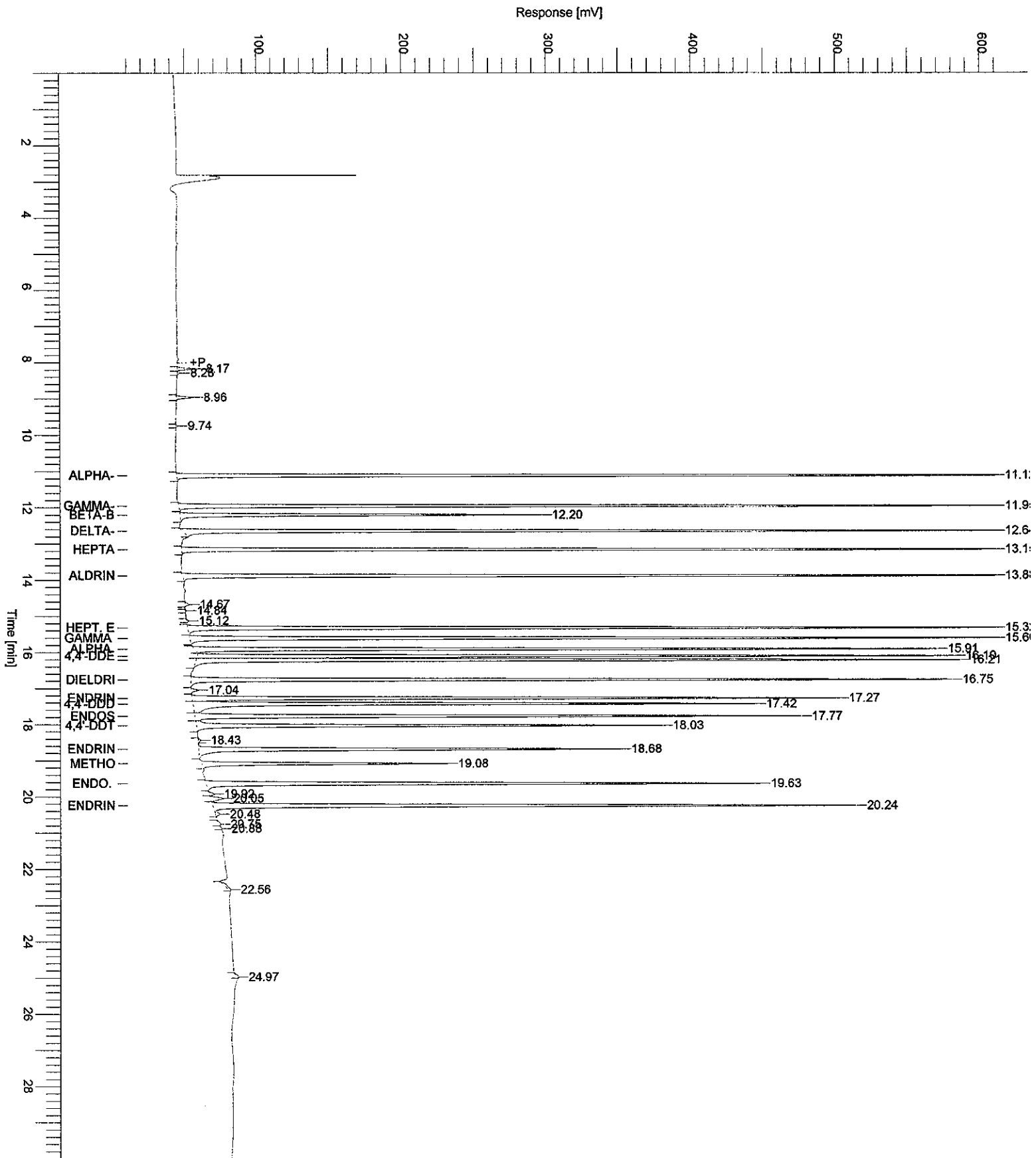
HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.17	36284		B	0.03628	12529.72
2	8.28	5682		V	0.00568	1843.53
3	8.96	37125		B	0.03712	11535.49
4	9.74	3395		B	0.00339	1156.88
5	11.12	2278073	alpha-BHC	B	0.05000	715167.01
6	11.95	2100176	gamma-BHC	B	0.05000	638776.09
7	12.20	867150	beta-BHC	B	0.05000	250432.56
8	12.64	2007710	delta-BHC	B	0.05000	586745.83
9	13.15	2212134	Heptachlor	B	0.05000	673305.62
10	13.88	2148362	Aldrin	B	0.05000	642213.04
11	14.67	12006		B	0.01201	2968.83
12	14.84	2612		B	0.00261	778.86
13	15.12	3767		B	0.00377	1178.48
14	15.32	2116749	Hept. epoxide	B	0.05000	599081.05
15	15.60	2133156	gamma chlordane	B	0.05000	601870.98
16	15.91	1848757	alpha chlordane	B	0.05000	513950.83

06/16/2008 14:29:54 Result: H:\TURBO6\6890-05\5a09141.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	16.10	1820857	4,4'-DDE	B	0.05000	524744.12
18	16.21	1993700	Endosulfan I	V	0.05000	529265.30
19	16.75	1919583	Dieldrin	B	0.05000	526766.84
20	17.04	18707		B	0.01871	5052.06
21	17.27	1665065	Endrin	B	0.05000	447611.30
22	17.42	1574055	4,4'-DDD	V	0.05000	389753.92
23	17.77	1615808	Endosulfan II	V	0.05000	420092.88
24	18.03	1194854	4,4'-DDT	V	0.05000	322849.69
25	18.43	6569		B	0.00657	1816.13
26	18.68	1197597	Endrin aldehyde	V	0.05000	292675.08
27	19.08	649200	Methoxychlor	B	0.05000	170727.23
28	19.63	1552854	Endo. Sulfate	B	0.05000	383931.48
29	19.92	15032		V	0.01503	3688.63
30	20.05	45176		V	0.04518	9290.97
31	20.24	1881713	Endrin ketone	V	0.05000	445765.97
32	20.48	19310		E	0.01931	3375.91
33	20.75	8320		B	0.00832	1456.17
34	20.88	1836		V	0.00184	371.56
35	22.56	22391		B	0.02239	1051.39
36	24.97	6598		B	0.00660	996.59
					<hr/>	
					1.24481	9.73e+06
					<hr/>	
					35022364	

Sample Name : ICM25WQ
File Name : H:\TURBO6\6890-05\5a09141.raw
Date : 06/16/2008 14:29:55
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # : 0.05
Page 1 of 1
Time of Injection : 06/16/2008 12:22:26
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Scale : 600.0 mV



```

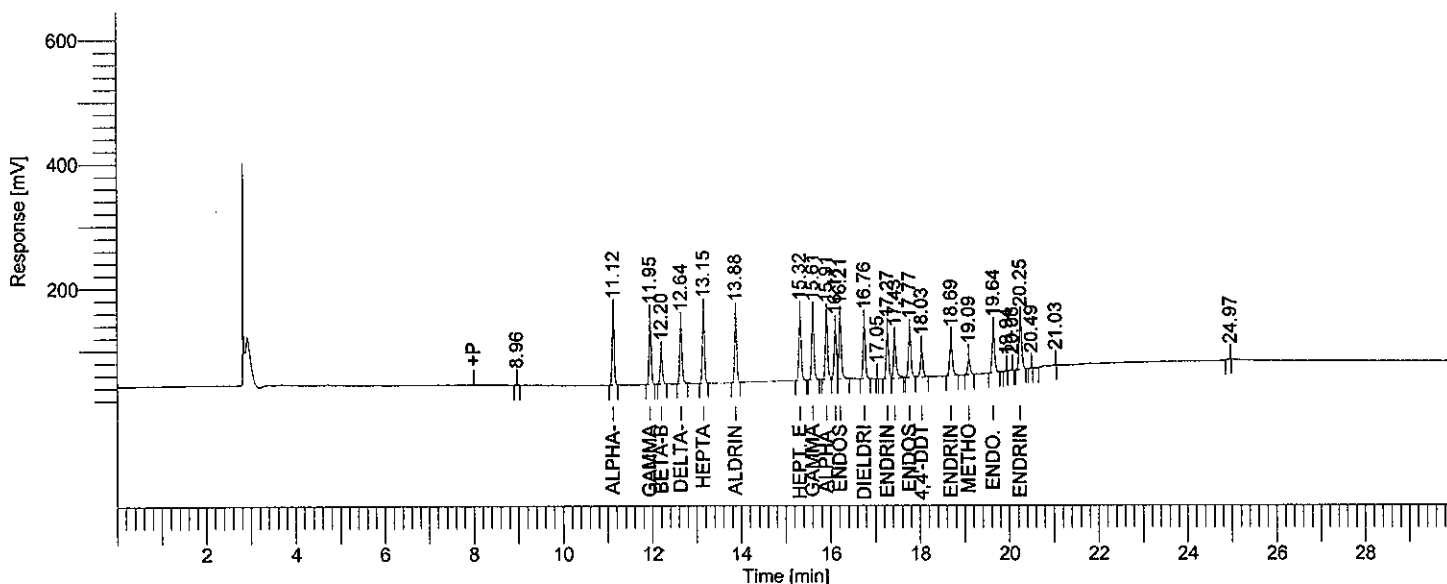
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 74270
Operator : tchrom
Sample Number : 0.01
Auto Sampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 06/16/2008 12:58:44

Date : 06/16/2008 14:30:02
Sample Name : ICM25WC DF10
Study :
Rack/Vial : 1/42
Channel : A
A/D mV Range : 1000
End Time : 29.98 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 4
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a09142.raw <Modified>
Result File : H:\TURBO6\6890-05\5a09142.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09142.raw
Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09142.rst
Calib Method : h:\turbo6\6890-05\05a(06-16-08).mth from H:\TURBO6\6890-05\5a09142.rst
Report Format File : h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



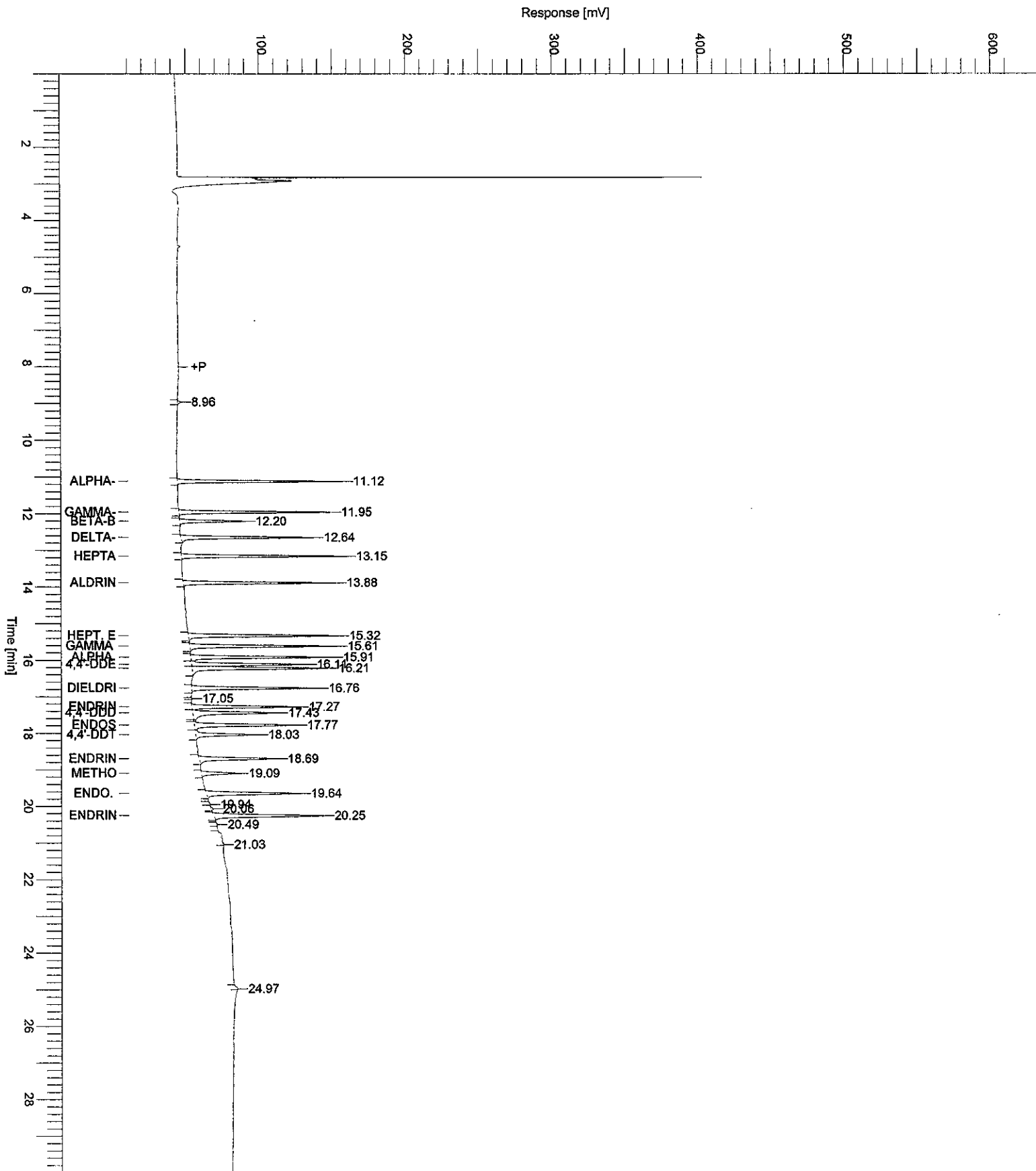
HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.96	8140		B	0.00814	2583.87
2	11.12	362536	alpha-BHC	B	0.01000	113407.52
3	11.95	344327	gamma-BHC	B	0.01000	104013.62
4	12.20	157880	beta-BHC	B	0.01000	44829.96
5	12.64	321245	delta-BHC	B	0.01000	90993.38
6	13.15	376746	Heptachlor	B	0.01000	112710.88
7	13.88	357499	Aldrin	B	0.01000	105102.56
8	15.32	375443	Hept. epoxide	B	0.01000	103309.62
9	15.61	368822	gamma chlordane	B	0.01000	101276.50
10	15.91	360116	alpha chlordane	B	0.01000	97414.21
11	16.11	294659	4,4'-DDE	V	0.01000	78727.84
12	16.21	377878	Endosulfan I	V	0.01000	93628.42
13	16.76	321874	Dieldrin	B	0.01000	86979.68
15	17.27	276913	Endrin	B	0.01000	72998.43
16	17.43	264335	4,4'-DDD	V	0.01000	58451.02
17	17.77	287859	Endosulfan II	V	0.01000	70139.48

06/16/2008 14:30:02 Result: H:\TURBO6\6890-05\5a09142.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	18.03	172888	4,4'-DDT	V	0.01000	42560.09
19	18.69	223583	Endrin aldehyde	B	0.01000	53723.65
20	19.09	97196	Methoxychlor	B	0.01000	25279.25
21	19.64	269367	Endo. Sulfate	B	0.01000	64652.72
22	19.94	2414		B	0.00241	490.26
23	20.06	5391		V	0.00539	1240.63
24	20.25	327661	Endrin ketone	B	0.01000	75980.99
25	20.49	2387		B	0.00239	647.76
26	21.03	16137		B	0.01614	338.32
27	24.97	2824		B	0.00282	380.50
		5976121			0.23729	1.60e+06

Sample Name : ICM25WC DF10 Sample # : 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-05\5a09142.raw
Date : 06/16/2008 14:30:04 Time of Injection: 06/16/2008 12:58:44
Method : 6890-5ins Start Time : 0.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



```

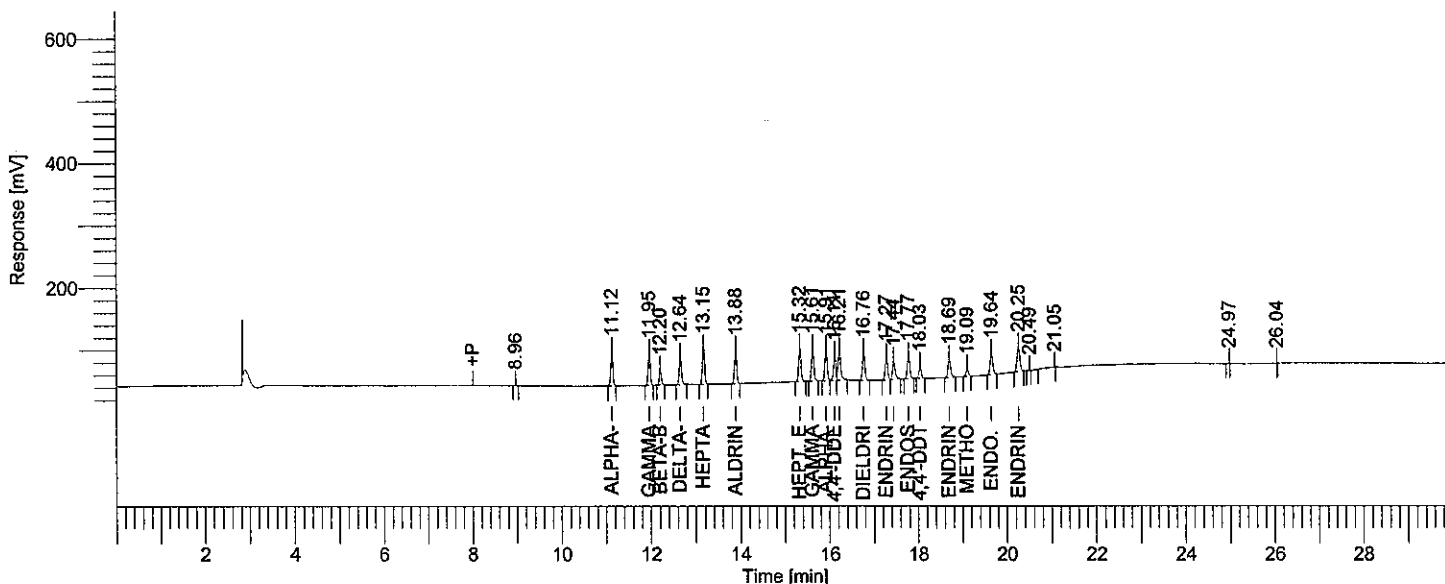
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74272
Operator          : tchrom
Sample Number     : 0.005
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 06/16/2008 13:35:06

Date              : 06/16/2008 14:30:10
Sample Name      : ICM25WQ DF10
Study           :
Rack/Vial       : 1/43
Channel        : A
A/D mV Range   : 1000
End Time       : 29.99 min

Area Reject    : 1000.000000
Dilution Factor : 1.00
Cycle         : 5
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a09143.raw <Modified>
Result File : H:\TURBO6\6890-05\5a09143.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09143.raw
Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09143.rst
Calib Method : h:\turbo6\6890-05\05a(06-16-08).mth from H:\TURBO6\6890-05\5a09143.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

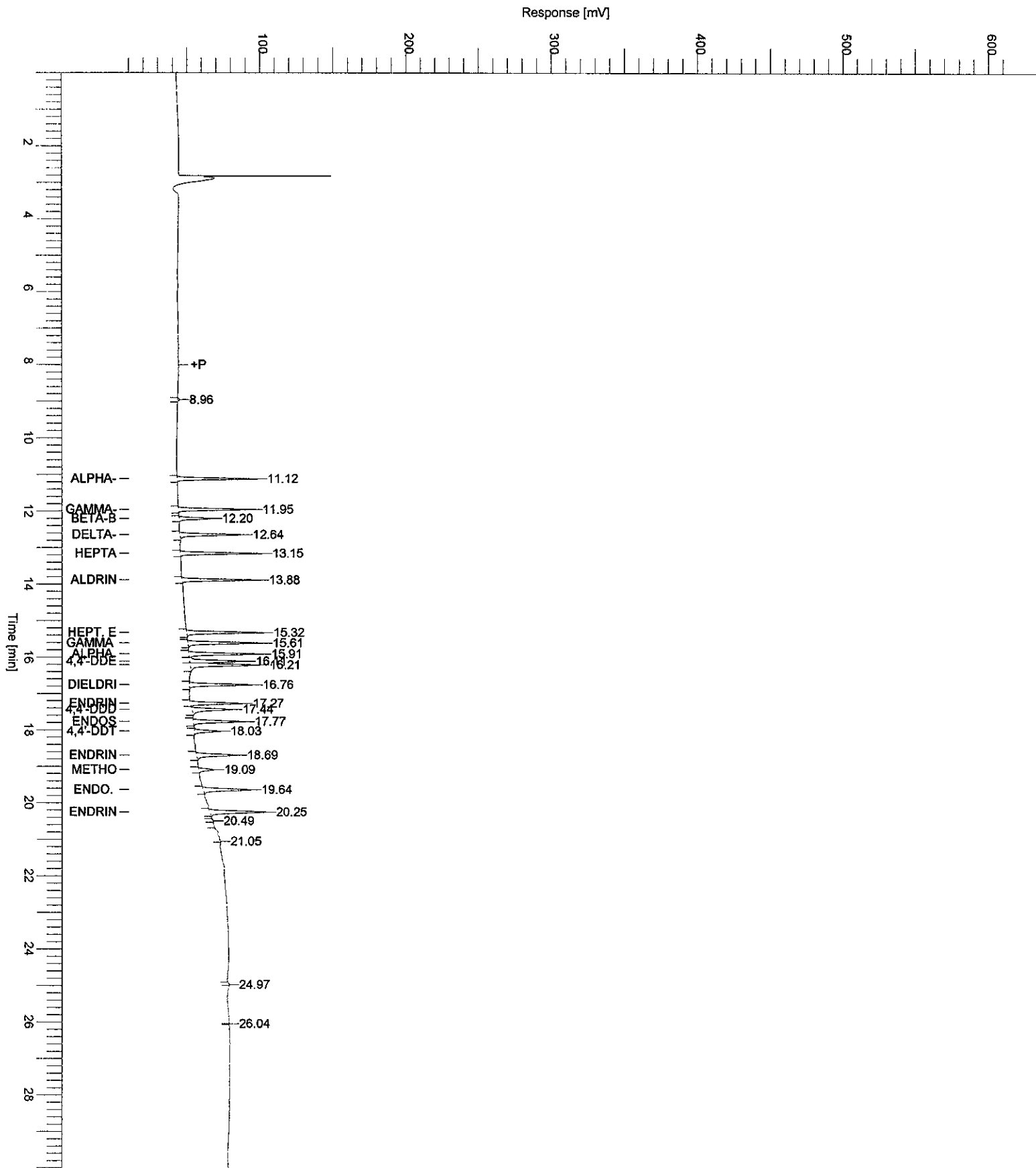
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.96	4259		B	0.00426	1346.22
2	11.12	176378	alpha-BHC	B	0.00500	55012.24
3	11.95	169780	gamma-BHC	B	0.00500	50901.90
4	12.20	79851	beta-BHC	B	0.00500	22827.63
5	12.64	156911	delta-BHC	B	0.00500	43429.94
6	13.15	189298	Heptachlor	B	0.00500	56442.49
7	13.88	179872	Aldrin	B	0.00500	53077.18
8	15.32	193340	Hept. epoxide	B	0.00500	52835.49
9	15.61	188325	gamma chlordane	B	0.00500	51328.82
10	15.91	186222	alpha chlordane	B	0.00500	50004.73
11	16.11	150884	4,4'-DDE	V	0.00500	38590.21
12	16.21	198582	Endosulfan I	V	0.00500	47885.51
13	16.76	164500	Dieldrin	B	0.00500	43421.69
14	17.27	136912	Endrin	B	0.00500	36202.10
15	17.44	119712	4,4'-DDD	V	0.00500	27983.83
16	17.77	142448	Endosulfan II	B	0.00500	35473.64

06/16/2008 14:30:10 Result: H:\TURBO6\6890-05\5a09143.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	18.03	67786	4,4'-DDT	B	0.00500	17976.28
18	18.69	118405	Endrin aldehyde	B	0.00500	27991.17
19	19.09	40953	Methoxychlor	B	0.00500	10752.66
20	19.64	140224	Endo. Sulfate	B	0.00500	33186.45
21	20.25	168492	Endrin ketone	B	0.00500	38781.82
22	20.49	1739		B	0.00174	486.52
23	21.05	13423		B	0.01342	250.36
		2988295			0.11942	796188.90

Sample Name : ICM25WQ DF10
FileName : H:\TURBO6\6890-05\5a09143.raw
Date : 06/16/2008 14:30:11
Method : 6890-5ins

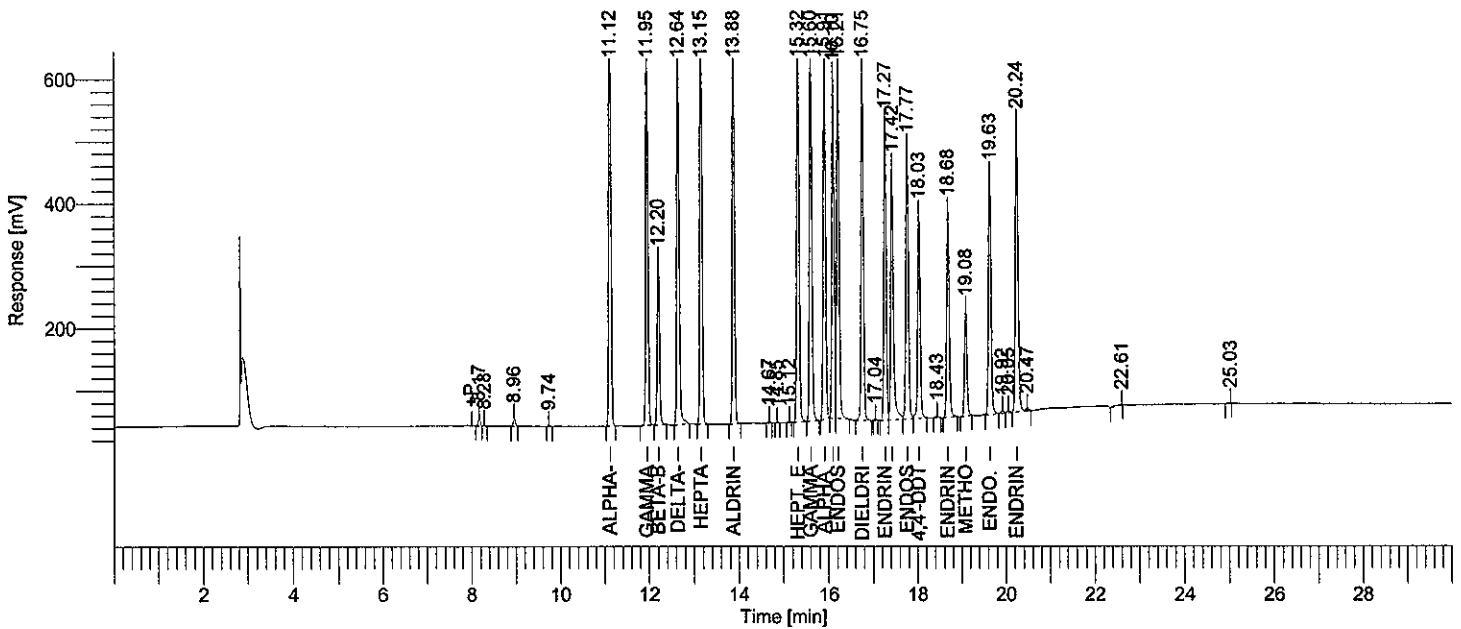
Sample #: 0.005 Page 1 of 1
Time of Injection: 06/16/2008 13:35:06
Start Time : 0.00 min End Time : 30.00 min
Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 74274
 Operator : tchom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 06/16/2008 14:11:23

Date : 06/16/2008 14:41:17
 Sample Name : ACM25VA
 Study :
 Rack/Vial : 1/44
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5a09144.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a09144.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09144.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09144.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08).mth from H:\TURBO6\6890-05\5a09144.rst
 Report Format File : h:\turbo6\6890-05\05%d.rpt
 Sequence File : H:\TURBO6\6890-05\5D-09.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
11.12	BB	2410660	alpha-BHC	0.05182	763292.66	3.6	11.07 - 11.17
11.95	BB	2226728	gamma-BHC	0.05163	670334.39	3.3	11.90 - 12.00
12.20	BB	909004	beta-BHC	0.05196	261867.67	3.9	12.15 - 12.25
12.64	BB	2135008	delta-BHC	0.05164	612599.75	3.3	12.59 - 12.69
13.15	BB	2350834	Heptachlor	0.05215	712509.32	4.3	13.10 - 13.20
13.88	BB	2313278	Aldrin	0.05279	691842.65	5.6	13.83 - 13.93
15.32	BB	2262934	Hept. epoxide	0.05360	640199.03	7.2	15.27 - 15.37
15.60	BB	2224917	gamma chlordane	0.05230	628476.51	4.6	15.55 - 15.65
15.91	BB	2056566	alpha chlordane	0.05287	576633.80	5.7	15.86 - 15.96
16.10	BV	1909843	4,4'-DDE	0.05137	548826.64	2.7	16.05 - 16.15
16.21	VB	2148122	Endosulfan I	0.05505	564716.02	10.1	16.16 - 16.26
16.75	BB	2059002	Dieldrin	0.05295	562810.12	5.9	16.70 - 16.80
17.27	BV	1755407	Endrin	0.05134	474783.63	2.7	17.22 - 17.32
17.42	VV	1656456	4,4'-DDD	0.05254	404580.69	5.1	17.37 - 17.47
17.77	VV	1690020	Endosulfan II	0.05291	434301.29	5.8	17.72 - 17.82
18.03	VB	1229607	4,4'-DDT	0.04806	326738.59	-3.9	17.98 - 18.08

06/16/2008 14:41:17 Result: H:\TURBO6\6890-05\5a09144.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	-	Relative
18.68	BB	1305885	Endrin aldehyde	0.05954	329808.99	19.1	18.63 -		18.73
19.08	BB	645504	Methoxychlor	0.04928	167812.14	-1.4	19.03 -		19.13
19.63	BV	1571888	Endo. Sulfate	0.05382	382619.65	7.6	19.58 -		19.68
20.24	VE	1954924	Endrin ketone	0.05337	462259.06	6.7	20.19 -		20.29
		36816586		1.05101	1.02e+07				

Missing Component Report
Component Expected Retention (Calibration File)

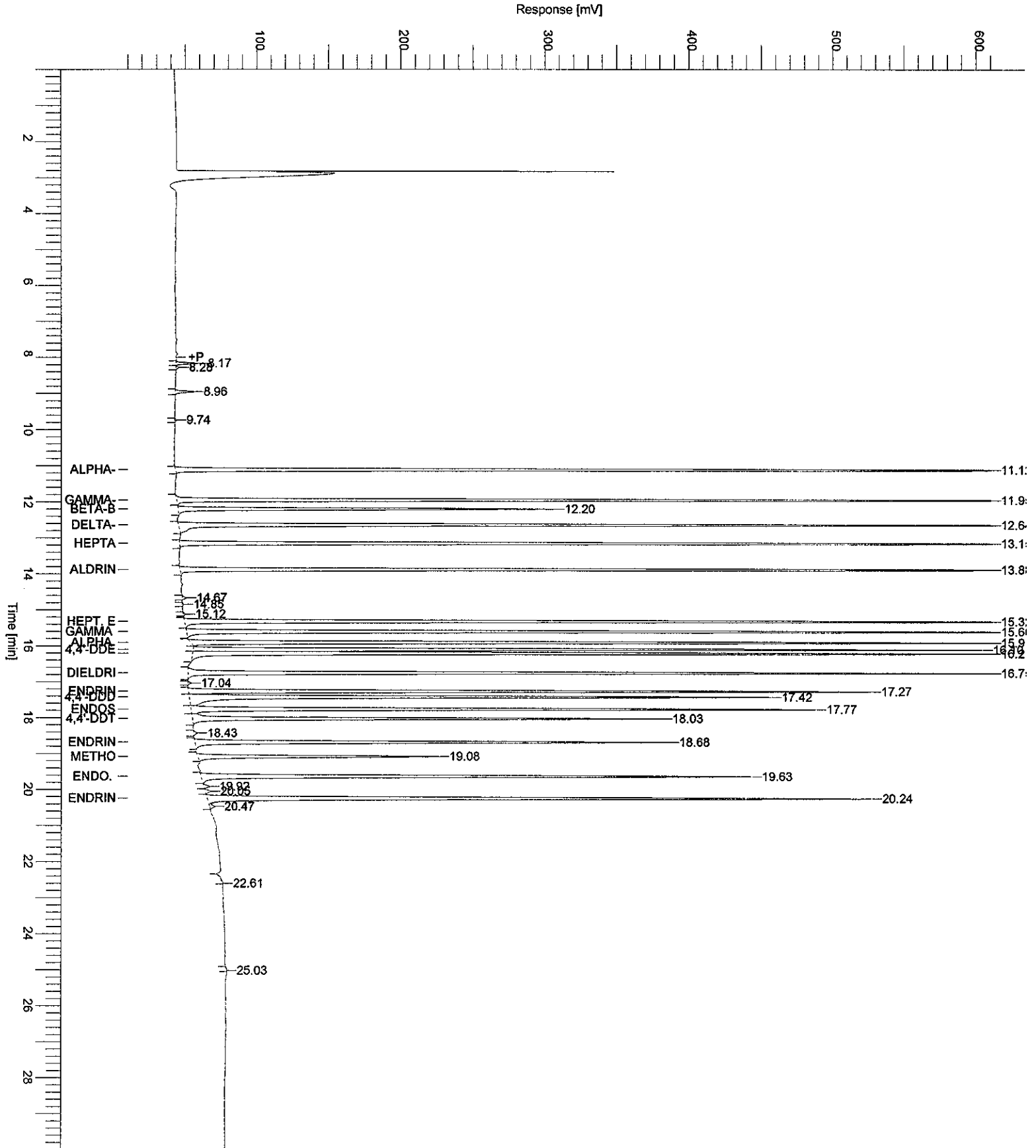
All components were found

Sample Name : ACM25VA
FileName : H:\TURBO6\6890-05\5a09144.raw
Date : 06/16/2008 14:41:19
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: 0.05

Page 1 of 1

Time of Injection: 06/16/2008 14:11:23
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Scale: 600.0 mV



TotalChrom Method File H:\TURBO6\6890-05\05B(06-16-08).mth
 Printed by : NearyM on: 06/16/2008 14:34:50
 Created by : NearyM on: 06/16/2008 14:25:31
 Edited by : NearyM on: 06/16/2008 14:34:44
 Number of Times Edited : 1
 Number of Times Calibrated : 2438
 Description: CURVE 04-28-08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

Processed by: MM 6/17/08
 Reviewed by: DJB 6/30/08

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

alpha-BHC
 Component Type : Single Peak Component
 Retention Time : 13.120 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	436644.80	121051.94	-----	-----	1
B	0.0100	881220.90	252023.56	-----	-----	1
C	0.0500	5122331.60	1.46e+06	-----	-----	1
D	0.1000	10428330.40	2.96e+06	-----	-----	1
E	0.1500	15585742.00	4.45e+06	-----	-----	1

Calibration Curve : $y = (-119146.374758) + (104920636.088842)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999955

gamma-BHC

Component Type : Single Peak Component
 Retention Time : 14.090 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:34:50 Method: H:\TURBO6\6890-05\05B(06-16-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	398301.41	107551.76	-----	-----	1
B	0.0100	802188.11	217632.13	-----	-----	1
C	0.0500	4560679.28	1.26e+06	-----	-----	1
D	0.1000	9162789.30	2.52e+06	-----	-----	1
E	0.1500	13058051.10	3.60e+06	-----	-----	1

Calibration Curve : $y = (29612.263470) + (88361736.189789)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998580

beta-BHC

Component Type : Single Peak Component
 Retention Time : 14.311 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	187080.99	47995.83	-----	-----	1
B	0.0100	359845.29	93004.77	-----	-----	1
C	0.0500	1874707.16	492339.70	-----	-----	1
D	0.1000	3597883.20	971877.20	-----	-----	1
E	0.1500	5340371.40	1.46e+06	-----	-----	1

Calibration Curve : $y = (31353.320773) + (35565463.625884)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999678

delta-BHC

Component Type : Single Peak Component
 Retention Time : 15.075 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:34:50 Method: H:\TURBO6\6890-05\05B(06-16-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	358217.60	93077.69	-----	-----	1
B	0.0100	724306.19	191216.95	-----	-----	1
C	0.0500	4250254.38	1.14e+06	-----	-----	1
D	0.1000	8797314.29	2.36e+06	-----	-----	1
E	0.1500	13381862.20	3.60e+06	-----	-----	1

Calibration Curve : $y = (-168039.963993) + (90006838.331628)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999869

Heptachlor

Component Type : Single Peak Component
 Retention Time : 15.213 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	406502.70	108651.48	-----	-----	1
B	0.0100	800296.41	214474.69	-----	-----	1
C	0.0500	4336646.28	1.18e+06	-----	-----	1
D	0.1000	8748520.91	2.37e+06	-----	-----	1
E	0.1500	13185712.50	3.59e+06	-----	-----	1

Calibration Curve : $y = (-64309.077846) + (88251502.307779)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999986

Aldrin

Component Type : Single Peak Component
 Retention Time : 16.027 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:34:50 Method: H:\TURBO6\6890-05\05B(06-16-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	358818.90	95122.62	-----	-----	1
B	0.0100	712601.40	191236.86	-----	-----	1
C	0.0500	3957715.60	1.08e+06	-----	-----	1
D	0.1000	8137943.60	2.19e+06	-----	-----	1
E	0.1500	12332554.41	3.34e+06	-----	-----	1

Calibration Curve : $y = (-111618.083657) + (82722933.696253)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999909

Hept. epoxide

Component Type : Single Peak Component
 Retention Time : 17.400 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	340280.10	87753.67	-----	-----	1
B	0.0100	650111.30	167837.92	-----	-----	1
C	0.0500	3548791.85	897574.90	-----	-----	1
D	0.1000	7190750.60	1.87e+06	-----	-----	1
E	0.1500	10773237.90	2.81e+06	-----	-----	1

Calibration Curve : $y = (-47087.570935) + (72186062.225071)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999976

gamma chlordane

Component Type : Single Peak Component
 Retention Time : 17.829 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:34:50 Method: H:\TURBO6\6890-05\05B(06-16-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	357175.90	88070.35	-----	-----	1
B	0.0100	690147.50	172274.67	-----	-----	1
C	0.0500	3650656.51	909902.40	-----	-----	1
D	0.1000	7371967.20	1.93e+06	-----	-----	1
E	0.1500	10975472.14	2.90e+06	-----	-----	1

Calibration Curve : $y = (-20576.321187) + (73486669.402289)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999959

alpha chlordane

Component Type : Single Peak Component
 Retention Time : 18.165 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	322024.97	82748.46	-----	-----	1
B	0.0100	624088.49	162142.05	-----	-----	1
C	0.0500	3291443.34	846042.73	-----	-----	1
D	0.1000	6744594.36	1.77e+06	-----	-----	1
E	0.1500	9997395.75	2.60e+06	-----	-----	1

Calibration Curve : $y = (-29298.290953) + (67066786.098667)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999895

Endosulfan I

Component Type : Single Peak Component
 Retention Time : 18.323 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:34:50 Method: H:\TURBO6\6890-05\05B(06-16-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	358268.80	84029.62	-----	-----	1
B	0.0100	643337.74	155388.95	-----	-----	1
C	0.0500	3160423.93	786615.36	-----	-----	1
D	0.1000	6470289.52	1.64e+06	-----	-----	1
E	0.1500	9672069.56	2.46e+06	-----	-----	1

Calibration Curve : $y = (62.988435) + (64457379.720014)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999908

4,4'-DDE

Component Type : Single Peak Component
 Retention Time : 18.493 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	316203.13	74991.21	-----	-----	1
B	0.0100	593358.97	147481.87	-----	-----	1
C	0.0500	3316082.64	844631.91	-----	-----	1
D	0.1000	6775009.91	1.82e+06	-----	-----	1
E	0.1500	10204480.59	2.78e+06	-----	-----	1

Calibration Curve : $y = (-69889.358362) + (68427244.556776)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999948

Dieldrin

Component Type : Single Peak Component
 Retention Time : 18.949 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:34:50 Method: H:\TURBO6\6890-05\05B(06-16-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	316687.60	76892.00	-----	-----	1
B	0.0100	611157.90	151072.52	-----	-----	1
C	0.0500	3380195.65	836084.63	-----	-----	1
D	0.1000	6965685.00	1.77e+06	-----	-----	1
E	0.1500	10422621.60	2.65e+06	-----	-----	1

Calibration Curve : $y = (-71541.212444) + (70012866.679297)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999927

Endrin

Component Type : Single Peak Component
 Retention Time : 19.655 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	239082.06	56788.77	-----	-----	1
B	0.0100	447691.16	109062.93	-----	-----	1
C	0.0500	2496409.61	616795.06	-----	-----	1
D	0.1000	5289608.67	1.31e+06	-----	-----	1
E	0.1500	8078914.31	1.99e+06	-----	-----	1

Calibration Curve : $y = (-105732.240122) + (54223385.350936)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999538

4,4'-DDD

Component Type : Single Peak Component
 Retention Time : 19.794 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:34:50 Method: H:\TURBO6\6890-05\05B(06-16-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	265702.23	59493.28	-----	-----	1
B	0.0100	482146.64	117010.98	-----	-----	1
C	0.0500	2700362.59	695276.76	-----	-----	1
D	0.1000	5773911.71	1.44e+06	-----	-----	1
E	0.1500	8662336.56	2.21e+06	-----	-----	1

Calibration Curve : $y = (-97512.167371) + (58323872.689034)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999600

Endosulfan II

Component Type : Single Peak Component
 Retention Time : 20.122 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	270932.51	63209.34	-----	-----	1
B	0.0100	500034.60	120246.35	-----	-----	1
C	0.0500	2574173.30	635360.54	-----	-----	1
D	0.1000	4962655.20	1.19e+06	-----	-----	1
E	0.1500	7441694.77	1.78e+06	-----	-----	1

Calibration Curve : $y = (35498.372692) + (49434915.931172)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999843

4,4'-DDT

Component Type : Single Peak Component
 Retention Time : 20.489 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:34:50 Method: H:\TURBO6\6890-05\05B(06-16-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	131484.20	32951.89	-----	-----	1
B	0.0100	291997.40	74169.39	-----	-----	1
C	0.0500	1966150.80	513486.49	-----	-----	1
D	0.1000	4267377.10	1.10e+06	-----	-----	1
E	0.1500	6985353.18	1.82e+06	-----	-----	1

Calibration Curve : $y = (-227566.579542) + (46921255.017514)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.996722

Endrin aldehyde

Component Type : Single Peak Component
 Retention Time : 20.870 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	204656.00	47906.28	-----	-----	1
B	0.0100	382780.10	90088.74	-----	-----	1
C	0.0500	2114253.64	501678.61	-----	-----	1
D	0.1000	4077513.71	979323.65	-----	-----	1
E	0.1500	6095621.61	1.47e+06	-----	-----	1

Calibration Curve : $y = (12314.685947) + (40676989.320081)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999746

Endo. Sulfate

Component Type : Single Peak Component
 Retention Time : 21.495 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:34:50 Method: H:\TURBO6\6890-05\05B(06-16-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	242911.40	52645.82	-----	-----	1
B	0.0100	444713.60	97219.06	-----	-----	1
C	0.0500	2495846.10	556731.14	-----	-----	1
D	0.1000	4829470.20	1.09e+06	-----	-----	1
E	0.1500	7298197.00	1.66e+06	-----	-----	1

Calibration Curve : $y = (-3369.059326) + (48660265.386126)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999807

Methoxychlor

Component Type : Single Peak Component
 Retention Time : 22.023 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	75893.40	16505.22	-----	-----	1
B	0.0100	156327.50	35281.14	-----	-----	1
C	0.0500	1014837.84	231751.37	-----	-----	1
D	0.1000	2076649.89	475750.59	-----	-----	1
E	0.1500	3330217.28	777243.59	-----	-----	1

Calibration Curve : $y = (-73871.074221) + (22296131.031305)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998421

Endrin ketone

Component Type : Single Peak Component
 Retention Time : 22.892 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/16/2008 14:34:50 Method: H:\TURBO6\6890-05\05B(06-16-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	280128.76	49452.45	-----	-----	1
B	0.0100	513522.00	91600.63	-----	-----	1
C	0.0500	2859667.67	529483.68	-----	-----	1
D	0.1000	5564574.26	1.05e+06	-----	-----	1
E	0.1500	8408304.46	1.59e+06	-----	-----	1

Calibration Curve : $y = (-7262.600207) + (56071460.829259)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.999856

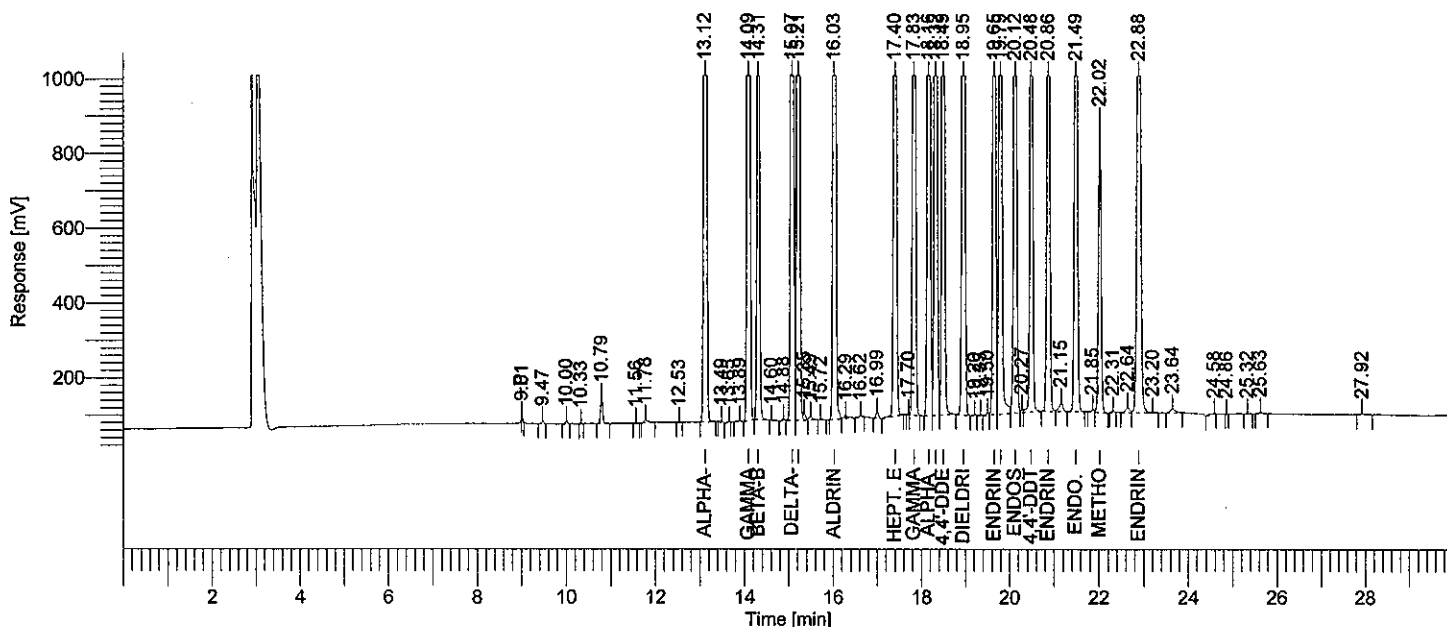
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74265
Operator          : tchrom
Sample Number     : 0.15
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 06/16/2008 11:09:51

Date              : 06/16/2008 14:29:41
Sample Name      : ICM25WD
Study            :
Rack/Vial       : 1/39
Channel         : B
A/D mV Range   : 1000
End Time       : 29.96 min
Area Reject    : 1000.000000
Dilution Factor : 1.00
Cycle          : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b09139.raw <Modified>
Result File : H:\TURBO6\6890-05\5b09139.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09139.raw
Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09139.rst
Calib Method : h:\turbo6\6890-05\05b(06-16-08).mth from H:\TURBO6\6890-05\5b09139.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.01	10729		*B	0.01073	5858.26
2	9.47	23296		B	0.02330	6890.77
3	10.00	24766		B	0.02477	6532.23
5	10.79	236192		B	0.23619	68774.90
6	11.56	4218		B	0.00422	1185.41
7	11.78	47686		B	0.04769	8438.27
8	12.53	3127		B	0.00313	844.75
9	13.12	15585742	alpha-BHC	B	0.15000	4.45e+06
10	13.49	20106		B	0.02011	4386.84
11	13.65	12179		B	0.01218	1533.08
12	13.89	15768		B	0.01577	3024.06
13	14.09	13058051	gamma-BHC	B	0.15000	3.60e+06
14	14.31	5340371	beta-BHC	B	0.15000	1.46e+06
15	14.60	4474		B	0.00447	719.76
16	14.88	18985		B	0.01898	4153.78
17	15.07	13381862	delta-BHC	V	0.15000	3.60e+06

06/16/2008 14:29:41 Result: H:\TURBO6\6890-05\5b09139.rst

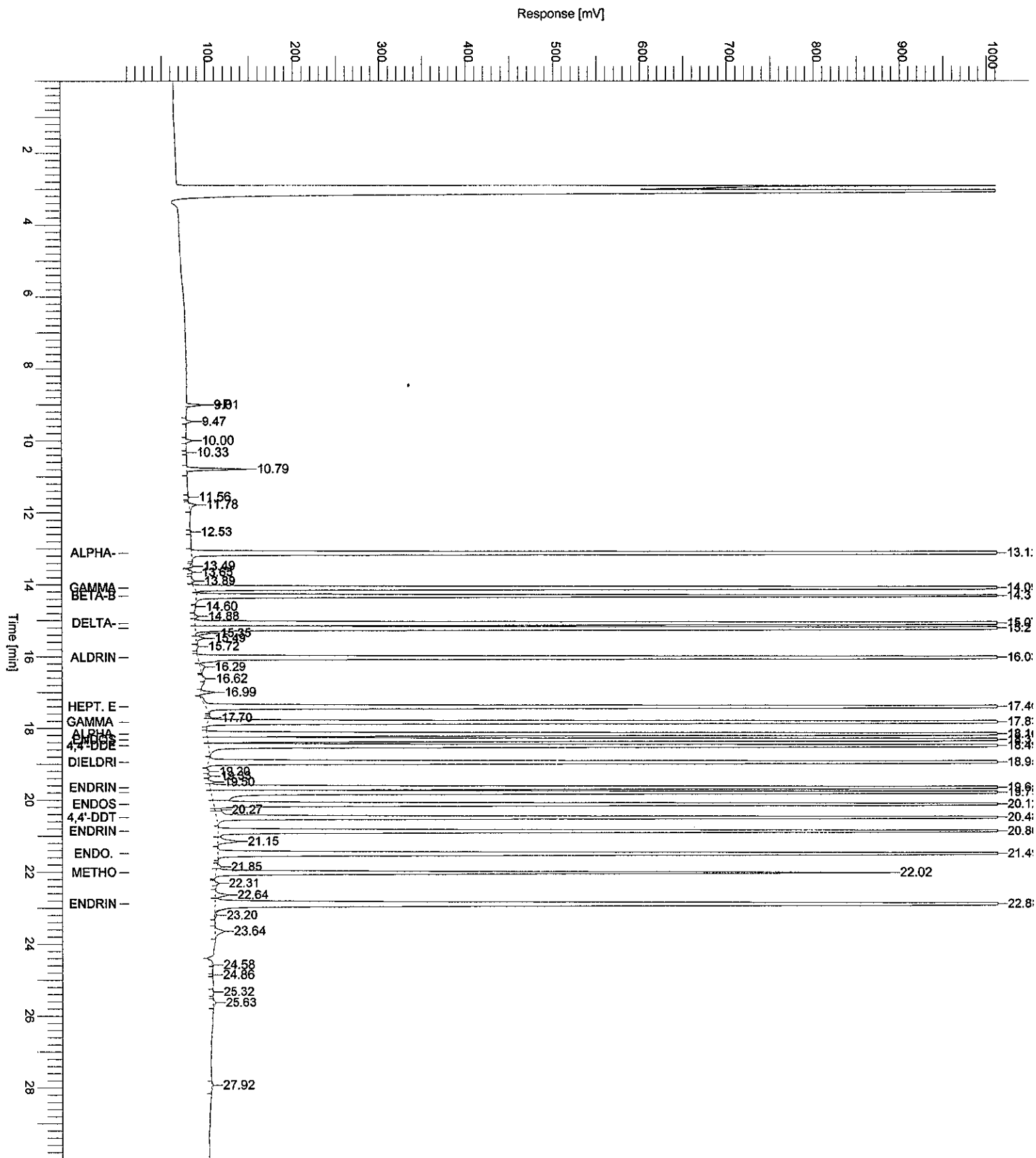
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	15.21	13185713	Heptachlor	V	0.15000	3.59e+06
19	15.35	66783		E	0.06678	15819.82
20	15.49	55340		V	0.05534	9952.23
21	15.72	11094		V	0.01109	2033.76
22	16.03	12332554	Aldrin	B	0.15000	3.34e+06
23	16.29	47927		V	0.04793	5414.83
24	16.62	13517		B	0.01352	2423.41
25	16.99	67815		B	0.06781	16066.03
26	17.40	10773238	Hept. epoxide	B	0.15000	2.81e+06
27	17.70	7463		B	0.00746	2904.46
28	17.83	10975472	gamma chlordane	V	0.15000	2.90e+06
29	18.16	9997396	alpha chlordane	B	0.15000	2.60e+06
30	18.32	9672070	Endosulfan I	V	0.15000	2.46e+06
31	18.49	10204481	4,4'-DDE	V	0.15000	2.78e+06
32	18.95	10422622	Dieldrin	B	0.15000	2.65e+06
33	19.20	12958		B	0.01296	2092.66
34	19.33	13235		V	0.01323	2806.77
35	19.50	23888		B	0.02389	5617.23
36	19.65	8078914	Endrin	V	0.15000	1.99e+06
37	19.79	8662337	4,4'-DDD	V	0.15000	2.21e+06
38	20.12	7441695	Endosulfan II	V	0.15000	1.78e+06
39	20.27	31693		V	0.03169	7958.74
40	20.48	6985353	4,4'-DDT	V	0.15000	1.82e+06
41	20.86	6095622	Endrin aldehyde	B	0.15000	1.47e+06
42	21.15	137746		V	0.13775	23307.59
43	21.49	7298197	Endo. Sulfate	B	0.15000	1.66e+06
44	21.85	27629		B	0.02763	4781.70
45	22.02	3330217	Methoxychlor	V	0.15000	777243.59
46	22.31	12975		B	0.01297	3305.57
47	22.64	83298		B	0.08330	14101.84
48	22.88	8408304	Endrin ketone	V	0.15000	1.59e+06
49	23.20	25904		E	0.02590	2245.96
50	23.64	80170		B	0.08017	10133.54
51	24.58	22680		B	0.02268	1163.18
53	25.32	4861		B	0.00486	769.17
54	25.63	21792		B	0.02179	2903.45
55	27.92	15567		B	0.01557	1549.79
					4.20586	4.98e+07
					2e+08	

Sample Name : ICM25WD
FileName : H:\TURBO6\6890-05\5b09139.raw
Date : 06/16/2008 14:29:43
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset : 10.00 mV

Sample #: 0.15

Page 1 of 1

Time of Injection: 06/16/2008 11:09:51
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1010.00 mV
Plot Scale: 1000.0 mV



```

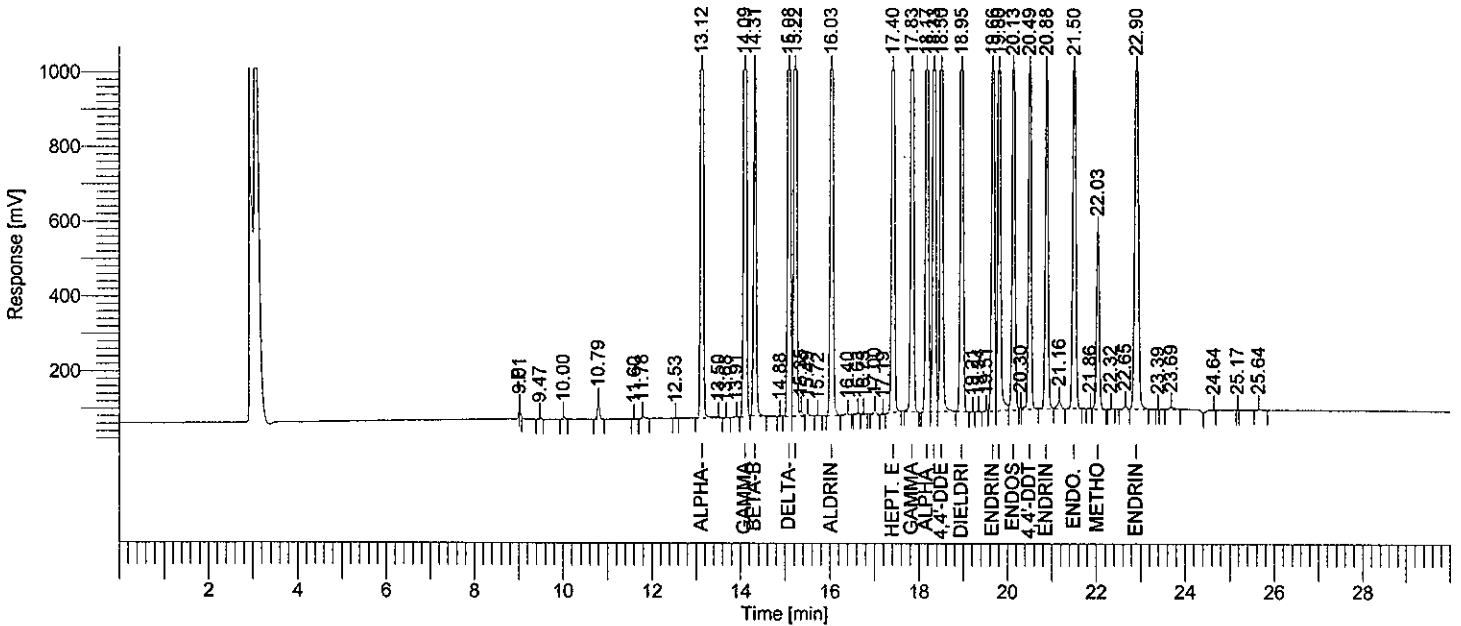
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 74267
Operator : tchom
Sample Number : 0.10
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 06/16/2008 11:46:14

Date : 06/16/2008 14:29:50
Sample Name : ICM25WC
Study :
Rack/Vial : 1/40
Channel : B
A/D mV Range : 1000
End Time : 29.99 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 2
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b09140.raw <Modified>
Result File : H:\TURBO6\6890-05\5b09140.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09140.raw
Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09140.rst
Calib Method : h:\turbo6\6890-05\05b(06-16-08).mth from H:\TURBO6\6890-05\5b09140.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.01	18603		*B	0.01860	9740.48
2	9.47	15075		B	0.01507	4535.45
3	10.00	24527		B	0.02453	6520.64
4	10.79	154656		B	0.15466	44364.69
5	11.60	3093		B	0.00309	708.43
6	11.78	28953		B	0.02895	5636.00
7	12.53	2292		B	0.00229	681.86
8	13.12	10428330	alpha-BHC	B	0.10000	2.96e+06
9	13.50	26504		E	0.02650	2586.85
10	13.68	6023		B	0.00602	871.93
11	13.91	13994		B	0.01399	2991.93
12	14.09	9162789	gamma-BHC	B	0.10000	2.52e+06
13	14.31	3597883	beta-BHC	B	0.10000	971877.20
14	14.88	11406		B	0.01141	2910.33
15	15.08	8797314	delta-BHC	V	0.10000	2.36e+06
16	15.22	8748521	Heptachlor	V	0.10000	2.37e+06

06/16/2008 14:29:50 Result: H:\TURBO6\6890-05\5b09140.rst

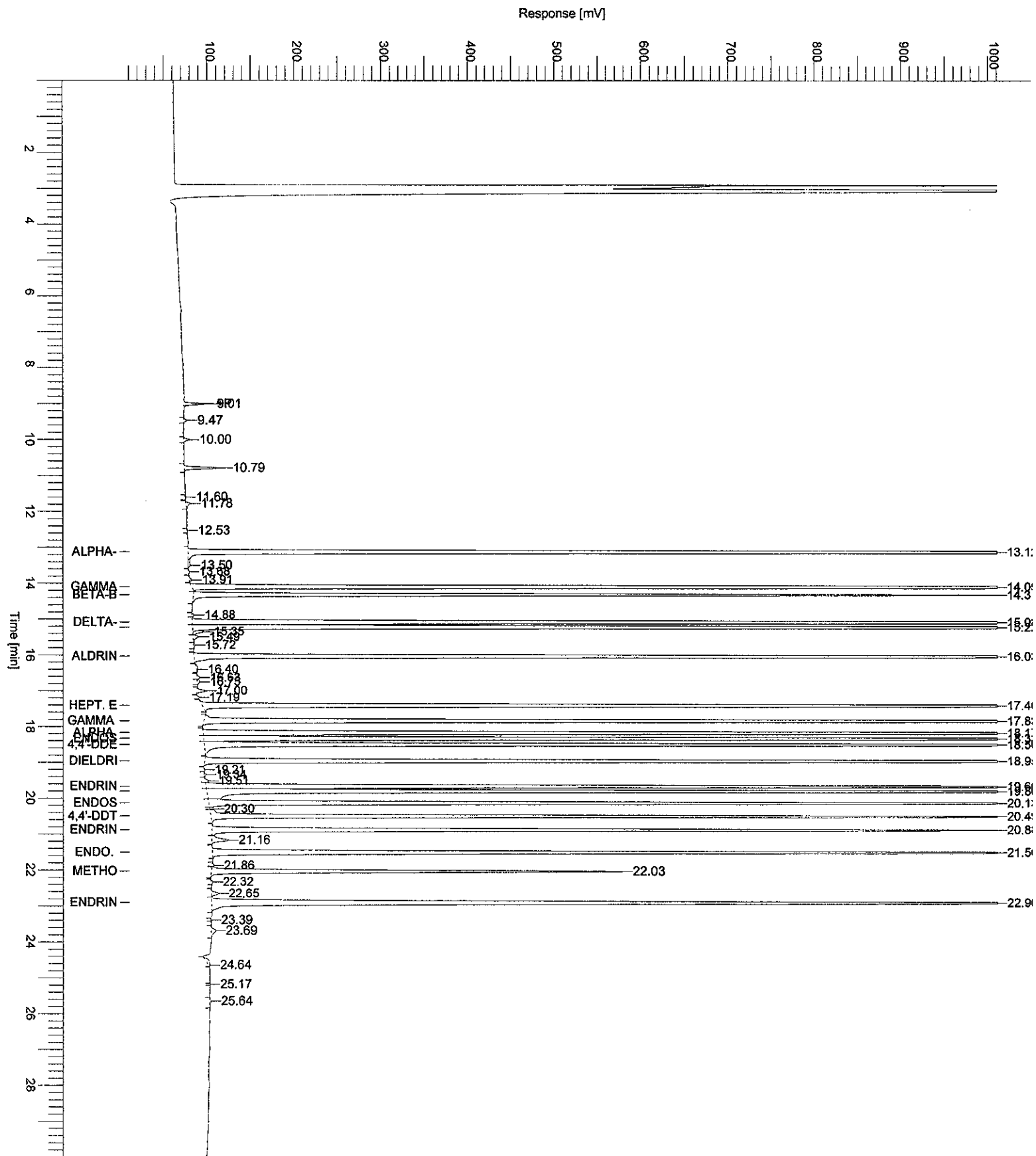
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	15.35	48907		E	0.04891	11310.05
18	15.49	36255		V	0.03625	6603.24
19	15.72	6947		V	0.00695	1487.16
20	16.03	8137944	Aldrin	B	0.10000	2.19e+06
21	16.40	16068		B	0.01607	1195.73
22	16.63	15373		B	0.01537	3052.30
23	16.75	16994		V	0.01699	2540.01
24	17.00	46879		B	0.04688	11055.95
25	17.19	5330		B	0.00533	1103.76
26	17.40	7190751	Hept. epoxide	B	0.10000	1.87e+06
27	17.83	7371967	gamma chlordane	B	0.10000	1.93e+06
28	18.17	6744594	alpha chlordane	B	0.10000	1.77e+06
29	18.33	6470290	Endosulfan I	V	0.10000	1.64e+06
30	18.50	6775010	4,4'-DDE	V	0.10000	1.82e+06
31	18.95	6965685	Dieldrin	B	0.10000	1.77e+06
32	19.21	5190		B	0.00519	894.78
33	19.34	9404		V	0.00940	1987.26
34	19.51	16873		B	0.01687	3932.90
35	19.66	5289609	Endrin	V	0.10000	1.31e+06
36	19.80	5773912	4,4'-DDD	V	0.10000	1.44e+06
37	20.13	4962655	Endosulfan II	V	0.10000	1.19e+06
38	20.30	17040		V	0.01704	4928.33
39	20.49	4267377	4,4'-DDT	V	0.10000	1.10e+06
40	20.88	4077514	Endrin aldehyde	B	0.10000	979323.65
41	21.16	115406		V	0.11541	19412.12
42	21.50	4829470	Endo. Sulfate	B	0.10000	1.09e+06
43	21.86	8340		B	0.00834	2099.66
44	22.03	2076650	Methoxychlor	V	0.10000	475750.59
45	22.32	9143		B	0.00914	2253.84
46	22.65	46280		B	0.04628	8714.43
47	22.90	5564574	Endrin ketone	V	0.10000	1.05e+06
49	23.69	44324		B	0.04432	5177.58
50	24.64	38010		B	0.03801	1345.64
52	25.64	14665		B	0.01466	1708.77
		1e+08			2.82255	3.30e+07

Sample Name : ICM25WC
FileName : H:\TURBO6\6890-05\5b09140.raw
Date : 06/16/2008 14:29:51
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: 0.10

Page 1 of 1

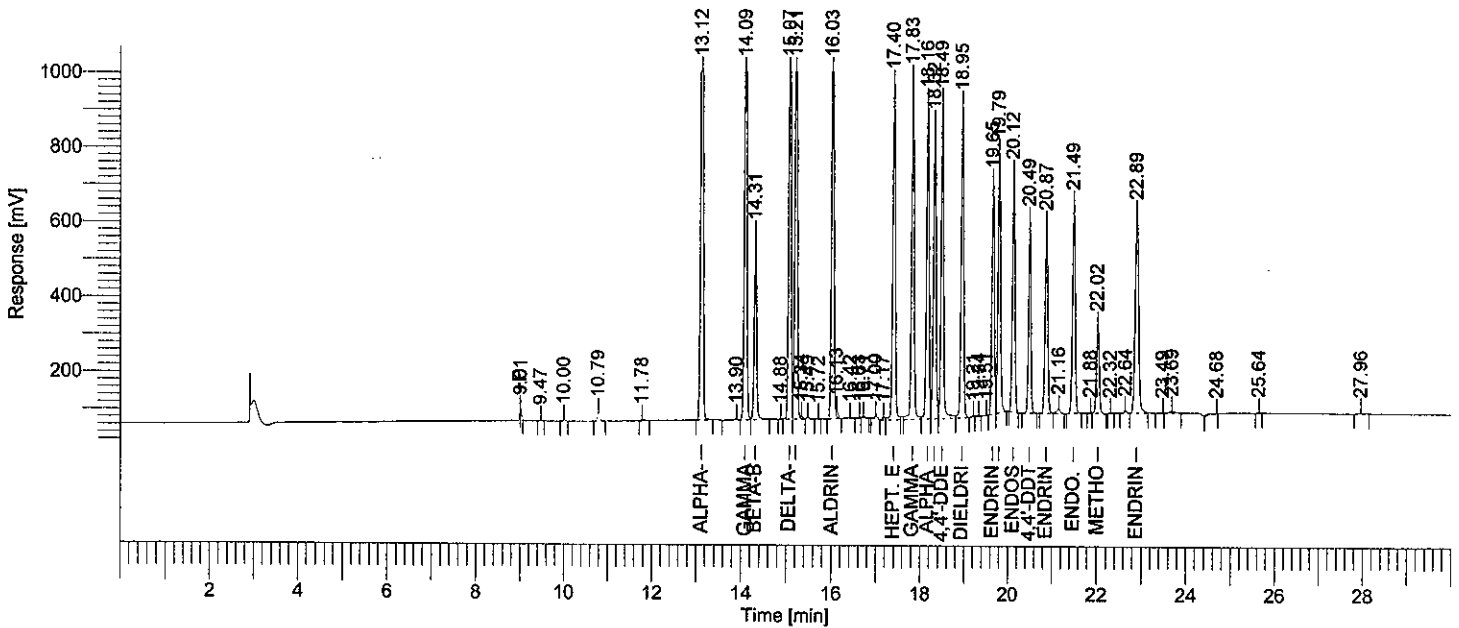
Time of Injection: 06/16/2008 11:46:14
End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 74269
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 06/16/2008 12:22:26

Date : 06/16/2008 14:29:58
 Sample Name : ICM25WQ
 Study :
 Rack/Vial : 1/41
 Channel : B
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5b09141.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b09141.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09141.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09141.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08).mth from H:\TURBO6\6890-05\5b09141.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-09.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.01	21413		*B	0.02141	11055.13
2	9.47	7398		B	0.00740	2280.32
3	10.00	15909		B	0.01591	4179.27
4	10.79	83347		B	0.08335	23369.75
5	11.78	17784		B	0.01778	3509.63
6	13.12	5122332	alpha-BHC	B	0.05000	1.46e+06
7	13.90	33766		B	0.03377	2897.58
8	14.09	4560679	gamma-BHC	V	0.05000	1.26e+06
9	14.31	1874707	beta-BHC	V	0.05000	492339.70
10	14.88	5317		B	0.00532	1437.48
11	15.07	4250254	delta-BHC	V	0.05000	1.14e+06
12	15.21	4336646	Heptachlor	V	0.05000	1.18e+06
13	15.34	28435		E	0.02843	6213.61
14	15.49	18448		V	0.01845	3433.11
15	15.72	4030		V	0.00403	1052.71
16	16.03	3957716	Aldrin	B	0.05000	1.08e+06

06/16/2008 14:29:58 Result: H:\TURBO6\6890-05\5b09141.rst

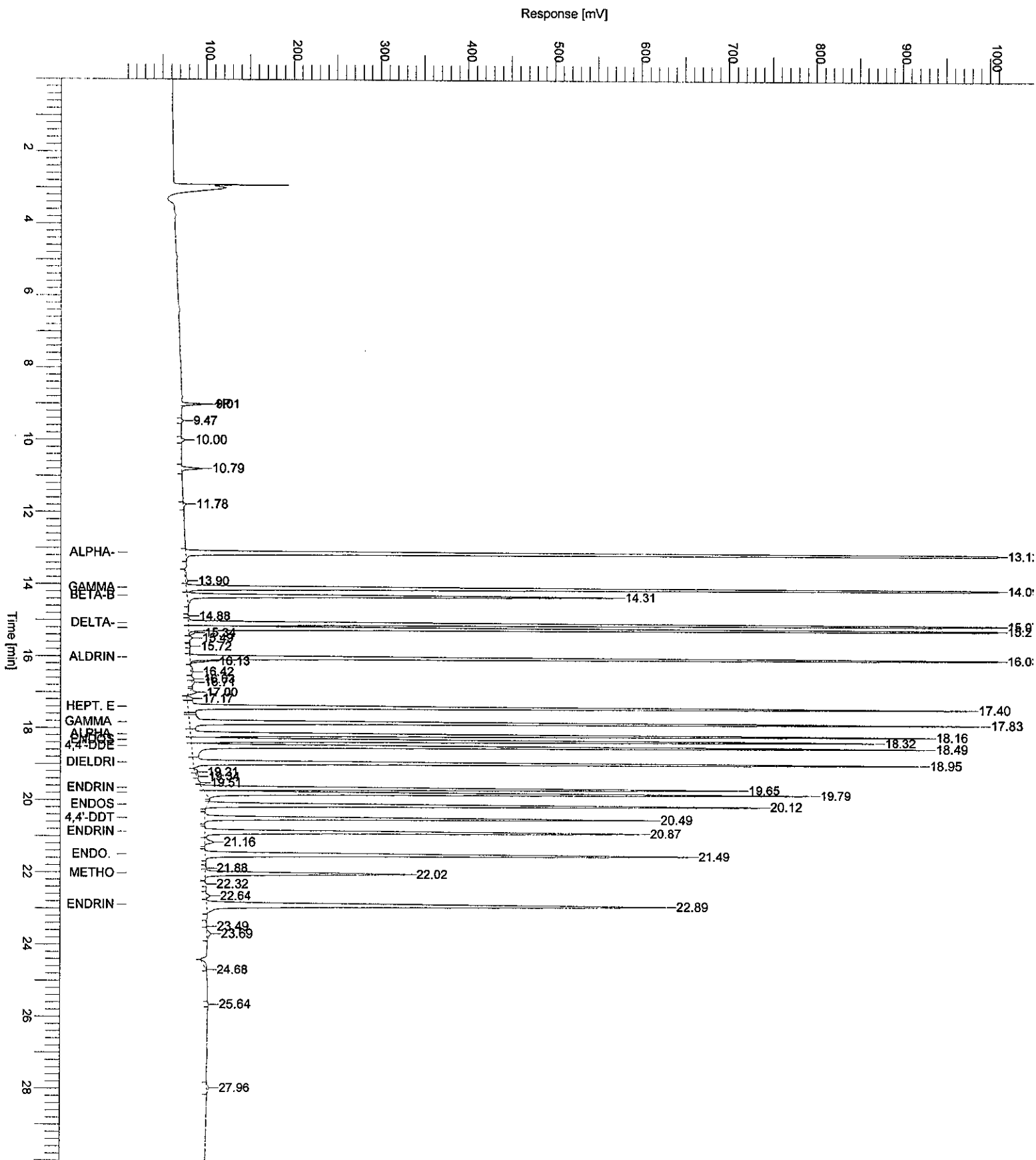
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	16.13	49236		E	0.04924	16283.14
18	16.42	24675		B	0.02468	2193.87
19	16.63	13526		V	0.01353	2581.89
20	16.71	18563		V	0.01856	3043.79
21	17.00	47601		B	0.04760	8196.37
22	17.17	34488		B	0.03449	6181.11
23	17.40	3548792	Hept. epoxide	V	0.05000	897574.90
24	17.83	3650657	gamma chlordane	V	0.05000	909902.40
25	18.16	3291443	alpha chlordane	V	0.05000	846042.73
26	18.32	3160424	Endosulfan I	V	0.05000	786615.36
27	18.49	3316083	4,4'-DDE	V	0.05000	844631.91
28	18.95	3380196	Dieldrin	V	0.05000	836084.63
29	19.21	17907		B	0.01791	2609.78
30	19.34	14294		V	0.01429	1871.26
31	19.51	4516		V	0.00452	1326.78
32	19.65	2496410	Endrin	B	0.05000	616795.06
33	19.79	2700363	4,4'-DDD	V	0.05000	695276.76
34	20.12	2574173	Endosulfan II	B	0.05000	635360.54
35	20.49	1966151	4,4'-DDT	B	0.05000	513486.49
36	20.87	2114254	Endrin aldehyde	B	0.05000	501678.61
37	21.16	62134		V	0.06213	10038.52
38	21.49	2495846	Endo. Sulfate	B	0.05000	556731.14
39	21.88	5857		B	0.00586	1324.43
40	22.02	1014838	Methoxychlor	V	0.05000	231751.37
41	22.32	4653		B	0.00465	1171.79
42	22.64	22993		B	0.02299	4471.22
43	22.89	2859668	Endrin ketone	V	0.05000	529483.68
44	23.49	2934		B	0.00293	286.19
45	23.69	38864		V	0.03886	4422.21
46	24.68	41097		B	0.04110	716.80
47	25.64	4065		B	0.00406	909.41
48	27.96	22365		B	0.02236	2376.87
					1.66561	1.61e+07
63337244						

Sample Name : ICM25WQ
FileName : H:\TURBO6\6890-05\5b09141.raw
Date : 06/16/2008 14:30:00
Method : 6890-5ins
Plot Offset: 10.00 mV

Sample #: 0.05

Page 1 of 1

Time of Injection: 06/16/2008 12:22:26
End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Scale: 1000.0 mV



```

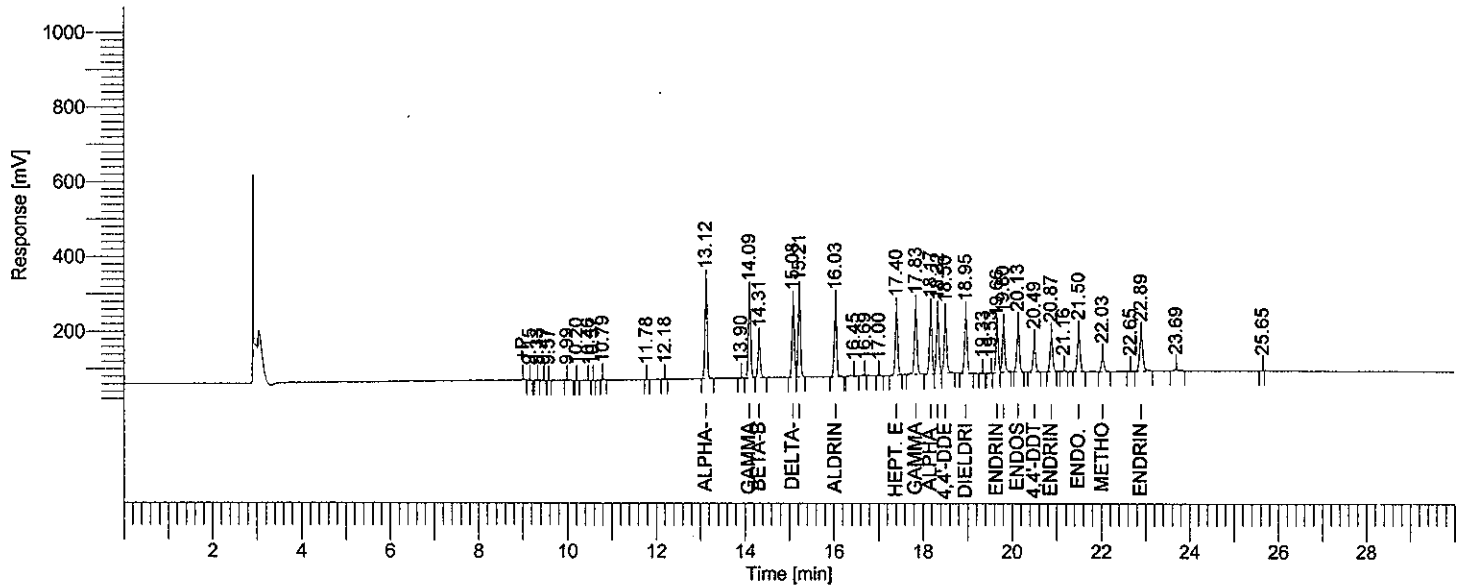
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74271
Operator          : tchrom
Sample Number     : 0.01
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 06/16/2008 12:58:44

Date              : 06/16/2008 14:30:06
Sample Name      : ICM25WC DF10
Study           :
Rack/Vial       : 1/42
Channel        : B
A/D mV Range   : 1000
End Time       : 29.98 min

Area Reject     : 1000.000000
Dilution Factor : 1.00
Cycle          : 4
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b09142.raw <Modified>
Result File : H:\TURBO6\6890-05\5b09142.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09142.raw
Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09142.rst
Calib Method : h:\turbo6\6890-05\05b(06-16-08).mth from H:\TURBO6\6890-05\5b09142.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
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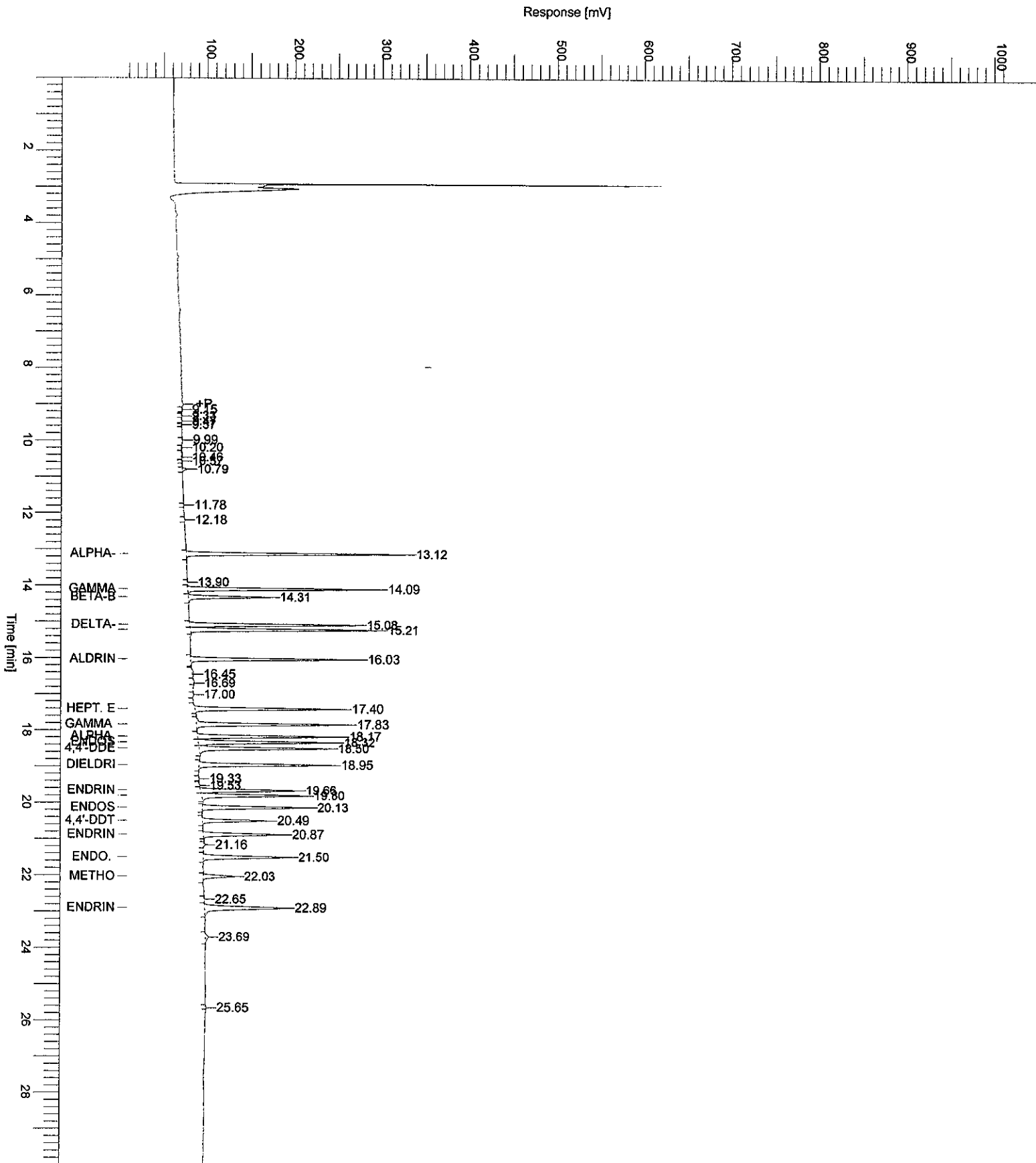
HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	9.33	1806		B	0.00181	453.01
3	9.47	4265		V	0.00426	861.06
4	9.57	1008		B	0.00101	422.45
5	9.99	6044		B	0.00604	1169.53
6	10.20	2141		B	0.00214	656.49
7	10.46	8579		B	0.00858	732.20
8	10.57	1085		B	0.00109	372.78
9	10.79	18524		B	0.01852	5606.53
10	11.78	2192		B	0.00219	662.33
11	12.18	2792		B	0.00279	642.04
12	13.12	881221	alpha-BHC	B	0.01000	252023.56
13	13.90	2427		B	0.00243	610.18
14	14.09	802188	gamma-BHC	B	0.01000	217632.13
15	14.31	359845	beta-BHC	V	0.01000	93004.77
16	15.08	724306	delta-BHC	B	0.01000	191216.95
17	15.21	800296	Heptachlor	V	0.01000	214474.69

06/16/2008 14:30:06 Result: H:\TURBO6\6890-05\5b09142.rst

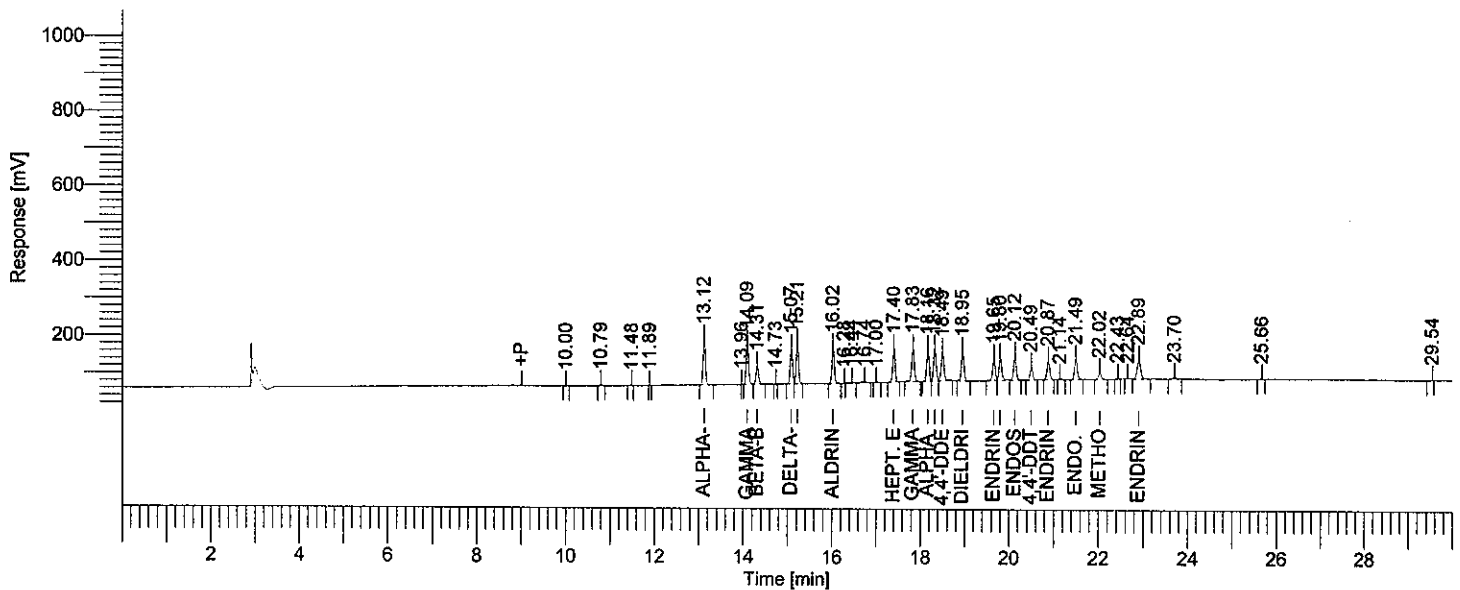
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	16.03	712601	Aldrin	B	0.01000	191236.86
19	16.45	16155		B	0.01616	1293.22
20	16.69	6836		V	0.00684	825.07
21	17.00	5500		B	0.00550	1246.42
22	17.40	650111	Hept. epoxide	B	0.01000	167837.92
23	17.83	690147	gamma chlordane	B	0.01000	172274.67
24	18.17	624088	alpha chlordane	B	0.01000	162142.05
25	18.32	643338	Endosulfan I	V	0.01000	155388.95
26	18.50	593359	4,4'-DDE	V	0.01000	147481.87
27	18.95	611158	Dieldrin	B	0.01000	151072.52
28	19.33	2263		B	0.00226	472.56
29	19.53	2018		B	0.00202	370.17
30	19.66	447691	Endrin	B	0.01000	109062.93
31	19.80	482147	4,4'-DDD	V	0.01000	117010.98
32	20.13	500035	Endosulfan II	B	0.01000	120246.35
33	20.49	291997	4,4'-DDT	B	0.01000	74169.39
34	20.87	382780	Endrin aldehyde	B	0.01000	90088.74
35	21.16	9786		B	0.00979	1795.46
36	21.50	444714	Endo. Sulfate	B	0.01000	97219.06
37	22.03	156328	Methoxychlor	B	0.01000	35281.14
38	22.65	4385		B	0.00438	934.84
39	22.89	513522	Endrin ketone	B	0.01000	91600.63
40	23.69	30476		B	0.03048	3601.99
41	25.65	1945		B	0.00195	530.42
		11442103			0.33023	2.87e+06

Sample Name : ICM25WC DF10 Sample #: 0.01 Page 1 of 1
File Name : H:\TURBO6\6890-05\5b09142.raw
Date : 06/16/2008 14:30:07 Time of Injection: 06/16/2008 12:58:44
Method : 6890-5ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset : 10.00 mV Plot Scale : 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 06/16/2008 14:30:14
 Reprocess Number : buf2048: 74273
 Operator : tchrom Sample Name : ICM25WQ DF10
 Sample Number : 0.005 Study :
 AutoSampler : BUILT-IN Rack/Vial : 1/43
 Instrument Name : HP6890-05 Channel : B
 Instrument Serial # : CN10520009 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.99 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.00000 ul Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 06/16/2008 13:35:06 Cycle : 5

Raw Data File : H:\TURBO6\6890-05\5b09143.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b09143.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09143.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09143.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08).mth from H:\TURBO6\6890-05\5b09143.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-09.seq



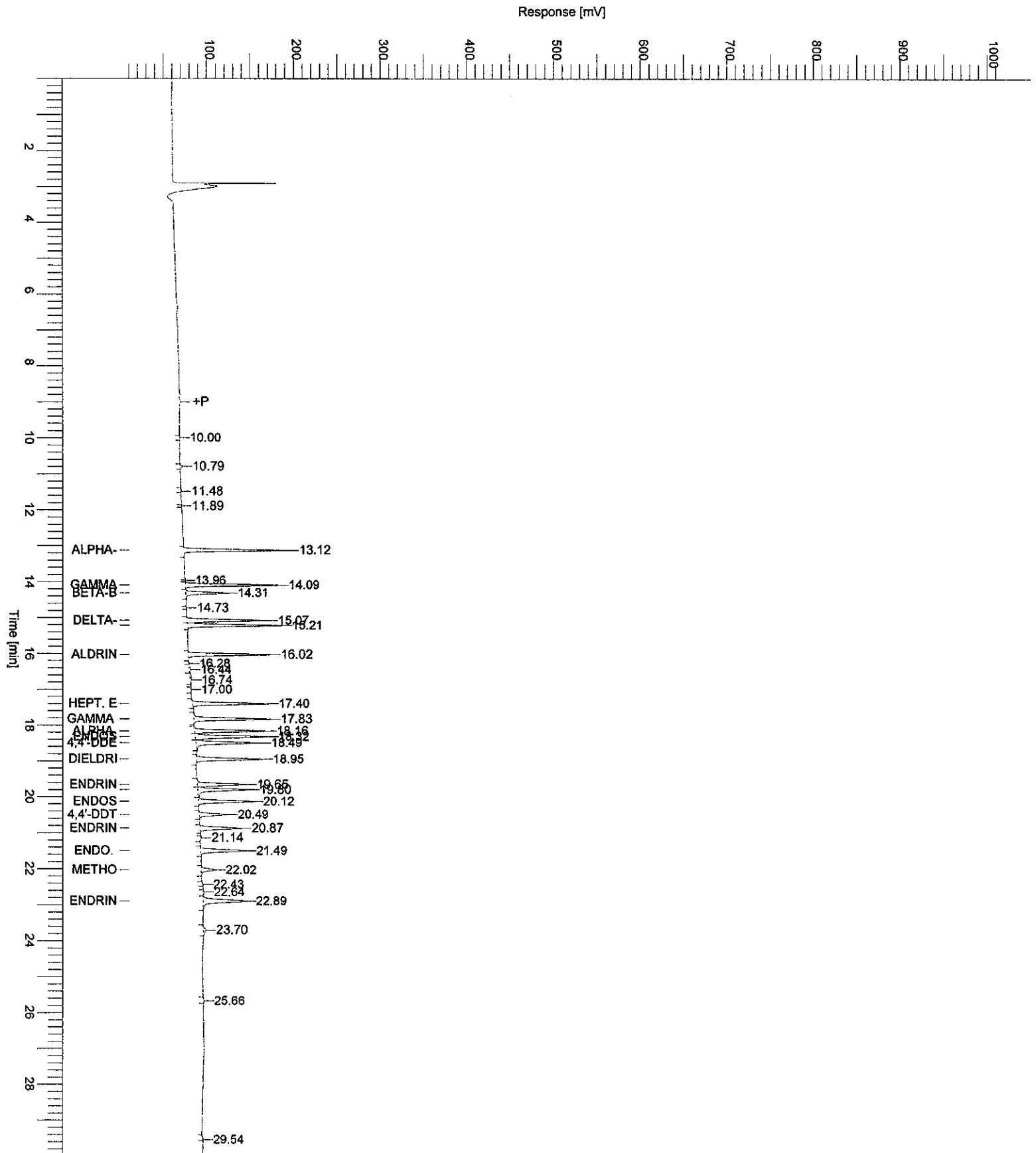
HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	10.00	2486		B	0.00249	714.72
2	10.79	9175		B	0.00917	2634.14
3	11.48	1969		B	0.00197	441.91
4	11.89	1270		B	0.00127	469.29
5	13.12	436645	alpha-BHC	B	0.00500	121051.94
7	14.09	398301	gamma-BHC	B	0.00500	107551.76
8	14.31	187081	beta-BHC	V	0.00500	47995.83
9	14.73	1087		B	0.00109	552.91
10	15.07	358218	delta-BHC	B	0.00500	93077.69
11	15.21	406503	Heptachlor	V	0.00500	108651.48
12	16.02	358819	Aldrin	B	0.00500	95122.62
13	16.28	2204		B	0.00220	739.24
14	16.44	16062		V	0.01606	1482.06
15	16.74	17811		V	0.01781	1283.54
16	17.00	3417		B	0.00342	617.41
17	17.40	340280	Hept. epoxide	B	0.00500	87753.67

06/16/2008 14:30:14 Result: H:\TURBO6\6890-05\5b09143.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	17.83	357176	gamma chlordane	B	0.00500	88070.35
19	18.16	322025	alpha chlordane	B	0.00500	82748.46
20	18.32	358269	Endosulfan I	V	0.00500	84029.62
21	18.49	316203	4,4'-DDE	V	0.00500	74991.21
22	18.95	316688	Dieldrin	B	0.00500	76892.00
23	19.65	239082	Endrin	B	0.00500	56788.77
24	19.80	265702	4,4'-DDD	V	0.00500	59493.28
25	20.12	270933	Endosulfan II	V	0.00500	63209.34
26	20.49	131484	4,4'-DDT	B	0.00500	32951.89
27	20.87	204656	Endrin aldehyde	B	0.00500	47906.28
28	21.14	5153		B	0.00515	959.03
29	21.49	242911	Endo. Sulfate	B	0.00500	52645.82
30	22.02	75893	Methoxychlor	B	0.00500	16505.22
31	22.43	3603		B	0.00360	799.92
32	22.64	4341		B	0.00434	694.76
33	22.89	280129	Endrin ketone	V	0.00500	49452.45
34	23.70	24094		B	0.02409	3051.15
35	25.66	4774		B	0.00477	884.53
36	29.54	3169		B	0.00317	290.78
		5967613			0.20062	1.46e+06

Sample Name : ICM25WQ DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b09143.raw
Date : 06/16/2008 14:30:15 Time of Injection: 06/16/2008 13:35:06
Method : 6890-5ins Start Time : 0.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



```

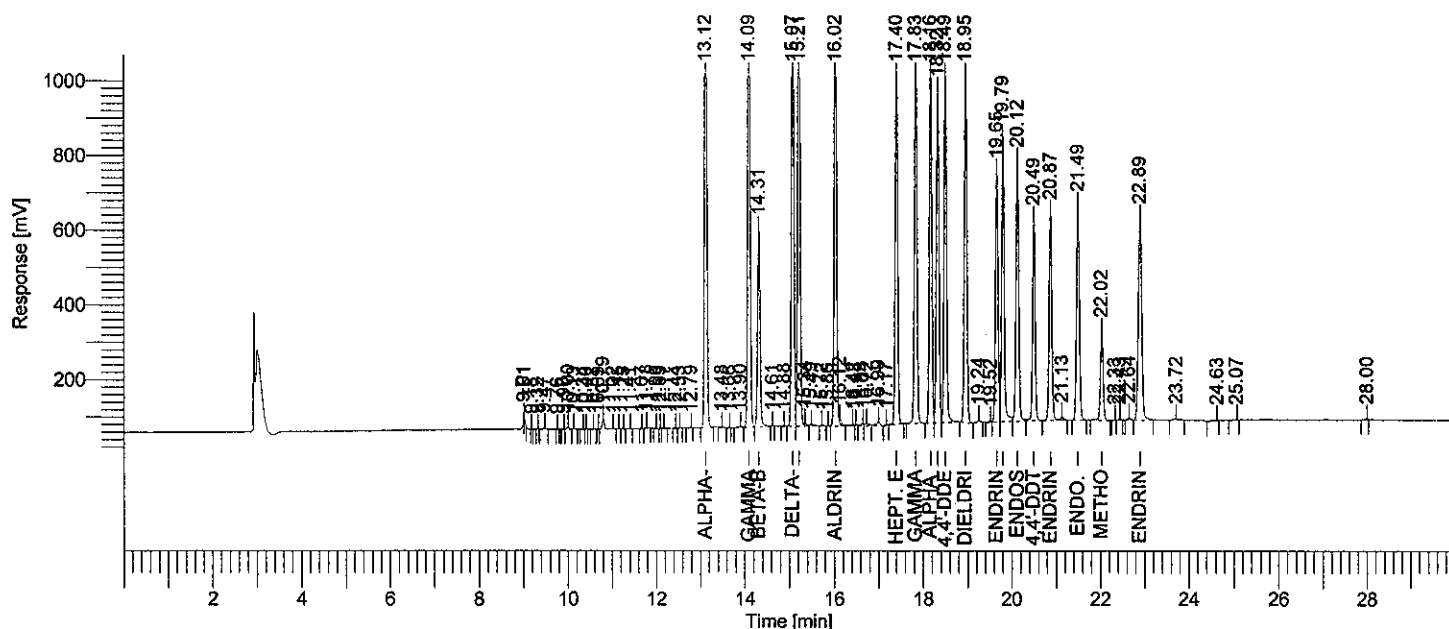
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 74275
Operator : tchrom
Sample Number : 0.05
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 06/16/2008 14:11:23

Date : 06/16/2008 14:41:20
Sample Name : ACM25VA
Study :
Rack/Vial : 1/44
Channel : B
A/D mV Range : 1000
End Time : 29.99 min

Area Reject : 3000.000000
Dilution Factor : 1.00
Cycle : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b09144.raw <Modified>
Result File : H:\TURBO6\6890-05\5b09144.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09144.raw
Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09144.rst
Calib Method : h:\turbo6\6890-05\05b(06-16-08).mth from H:\TURBO6\6890-05\5b09144.rst
Report Format File : h:\turbo6\6890-05\05%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
13.12	BB	5329262	alpha-BHC	0.05193	1.53e+06	3.9	13.07 - 13.17
14.09	BV	4856070	gamma-BHC	0.05462	1.34e+06	9.2	14.04 - 14.14
14.31	VB	2015031	beta-BHC	0.05578	524507.13	11.6	14.26 - 14.36
15.07	VV	4557093	delta-BHC	0.05250	1.23e+06	5.0	15.02 - 15.12
15.21	VE	4664594	Heptachlor	0.05358	1.26e+06	7.2	15.16 - 15.26
16.02	VE	4275503	Aldrin	0.05303	1.15e+06	6.1	15.97 - 16.07
17.40	VB	3877552	Hept. epoxide	0.05437	1.01e+06	8.7	17.35 - 17.45
17.83	BB	3830466	gamma chlordane	0.05240	1.00e+06	4.8	17.78 - 17.88
18.16	BV	3669166	alpha chlordane	0.05515	957830.44	10.3	18.11 - 18.21
18.32	VV	3492036	Endosulfan I	0.05417	884626.97	8.3	18.27 - 18.37
18.49	VB	3633870	4,4'-DDE	0.05413	955321.04	8.3	18.44 - 18.54
18.95	BB	3703291	Dieldrin	0.05392	934091.88	7.8	18.90 - 19.00
19.65	VV	2700374	Endrin	0.05175	663169.95	3.5	19.60 - 19.70
19.79	VV	3100815	4,4'-DDD	0.05484	757837.38	9.7	19.74 - 19.84
20.12	VV	2897660	Endosulfan II	0.05790	691658.24	15.8	20.07 - 20.17
20.49	VB	2084227	4,4'-DDT	0.04927	534708.85	-1.5	20.44 - 20.54

06/16/2008 14:41:20 Result: H:\TURBO6\6890-05\5b09144.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
20.87	BE	2330153	Endrin aldehyde	0.05698	549394.99	14.0	20.82 - 20.92
21.49	BB	2557591	Endo. Sulfate	0.05263	569498.83	5.3	21.44 - 21.54
22.02	BB	1048018	Methoxychlor	0.05032	234272.74	0.6	21.97 - 22.07
22.89	BB	2893121	Endrin ketone	0.05173	536754.19	3.5	22.84 - 22.94
		67515894		1.07099	1.73e+07		

Missing Component Report

Component	Expected Retention (Calibration File)
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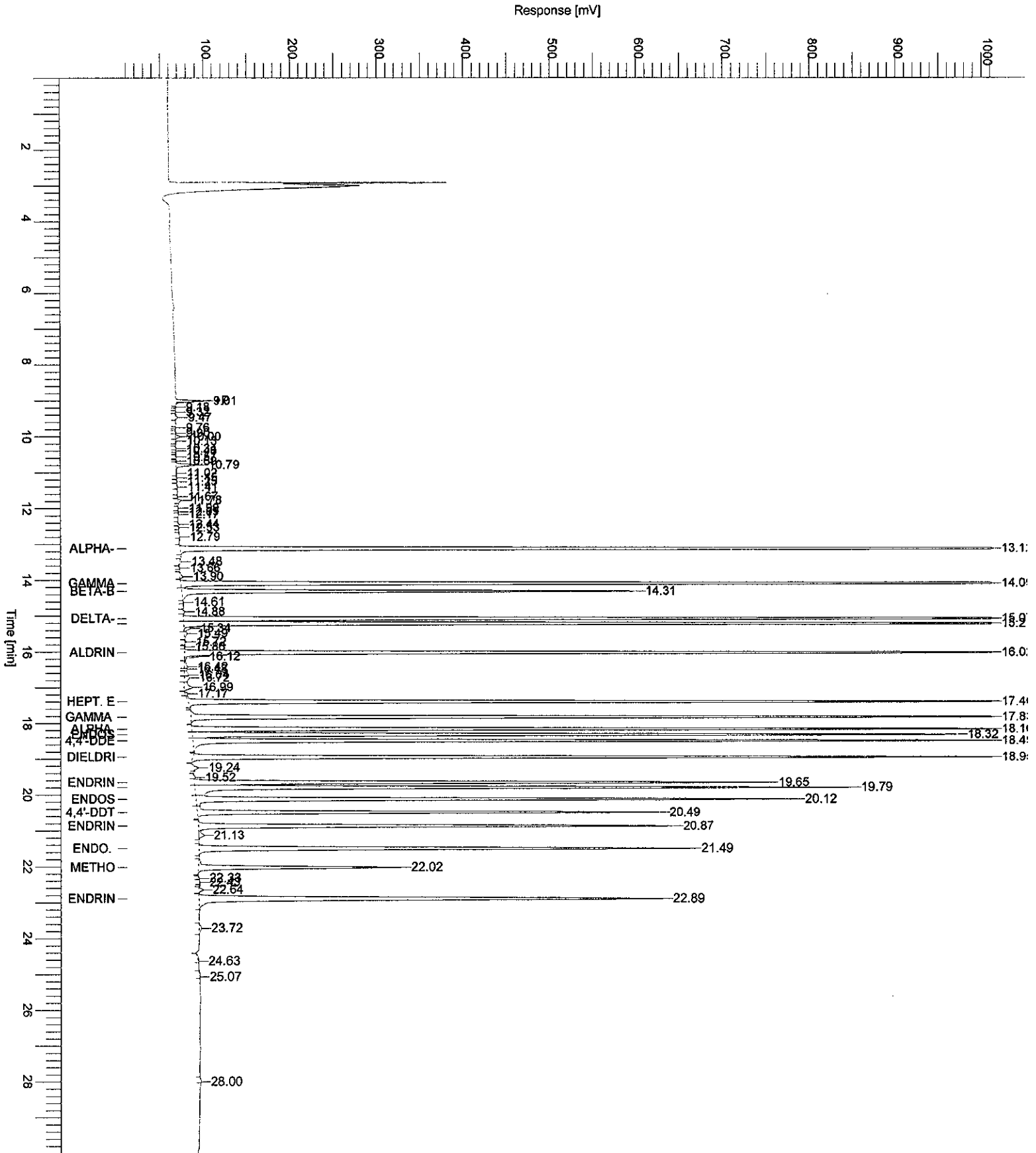
All components were found

Sample Name : ACM25VA
FileName : H:\TURBO6\6890-05\5b09144.raw
Date : 06/16/2008 14:41:21
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: 0.05

Page 1 of 1

Time of Injection: 06/16/2008 14:11:23
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1010.00 mV
Plot Scale: 1000.0 mV



TotalChrom Method File H:\TURBO6\6890-05\05A-SURR (06-16-08).mth
 Printed by : NearyM on: 06/17/2008 08:29:07
 Created by : NearyM on: 06/17/2008 08:09:23
 Edited by : NearyM on: 06/17/2008 08:29:00
 Number of Times Edited : 2
 Number of Times Calibrated : 2434
 Description: CURVE 04-28-08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

Processed by: MM 6/17/08

Reviewed by: DJB 6/30/08

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

Tetrachloro-m-xylene
 Component Type : Single Peak Component
 Retention Time : 9.564 min
 Search Window : 7.00 s, 0.50 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level	Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A		0.0050	143648.00	43739.64	-----	-----	1
B		0.0100	299163.60	91538.81	-----	-----	1
C		0.0500	1489815.40	459365.79	-----	-----	1
D		0.0750	2313128.00	720880.65	-----	-----	1
E		0.1000	3142759.40	978655.16	-----	-----	1

Calibration Curve : $y = (-29429.326597) + (31398587.637444)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999362

Decachlorobiphenyl

Component Type : Single Peak Component
 Retention Time : 22.471 min
 Search Window : 7.00 s, 0.50 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/17/2008 08:29:07 Method: H:\TURBO6\6890-05\05A-SURR (06-16-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

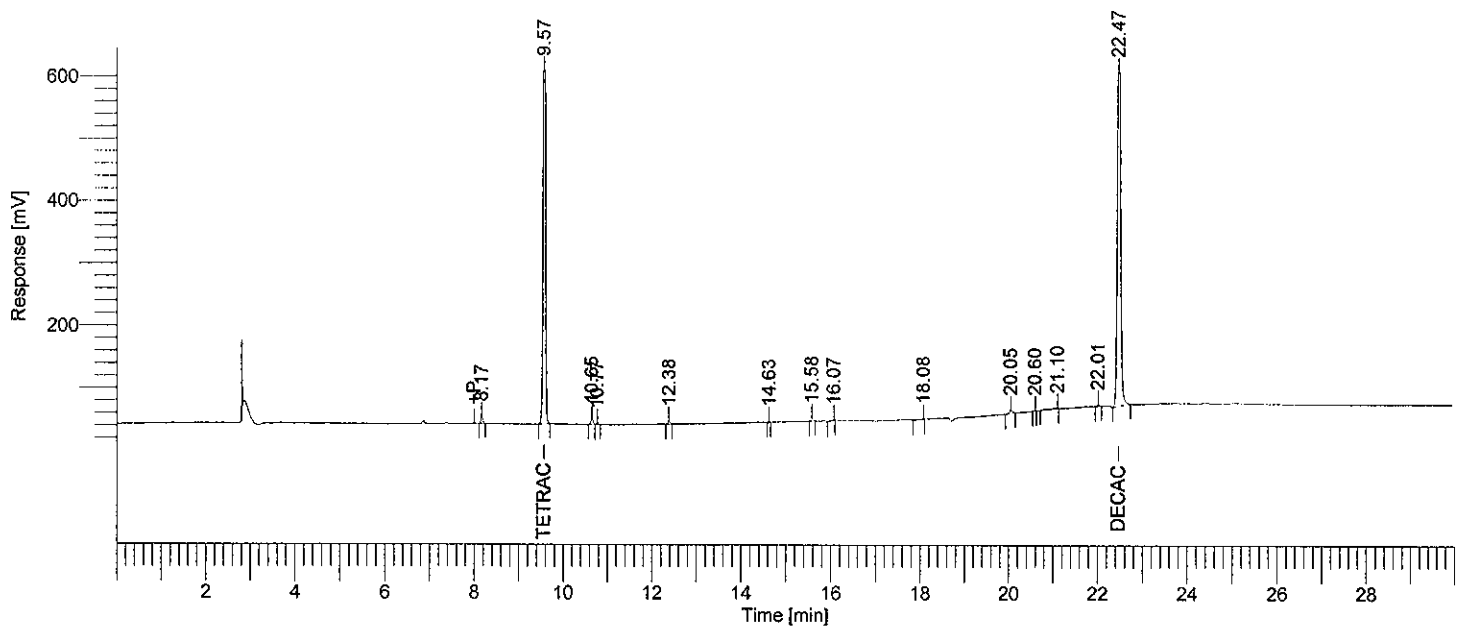
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	172458.32	33641.30	-----	-----	1
B	0.0100	345597.60	69801.60	-----	-----	1
C	0.0500	1705242.40	347440.72	-----	-----	1
D	0.0750	2299885.90	485146.33	-----	-----	1
E	0.1000	3172386.30	674292.63	-----	-----	1

Calibration Curve : $y = (41891.575452) + (31192135.998700)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.997224

Software Version	: 6.2.1.0.104:0104	Date	: 06/17/2008 08:24:44
Reprocess Number	: buf2048: 74315	Sample Name	: ICM3PJ
Operator	: tchrom	Study	:
Sample Number	: 0.1	Rack/Vial	: 1/45
AutoSampler	: BUILT-IN	Channel	: A
Instrument Name	: HP6890-05	A/D mV Range	: 1000
Instrument Serial #	: CN10520009	End Time	: 29.94 min
Delay Time	: 0.00 min	Area Reject	: 1000.000000
Sampling Rate	: 5.0000 pts/s	Dilution Factor	: 1.00
Sample Volume	: 1.000000 ul	Cycle	: 1
Sample Amount	: 1.0000		
Data Acquisition Time	: 06/16/2008 14:47:38		

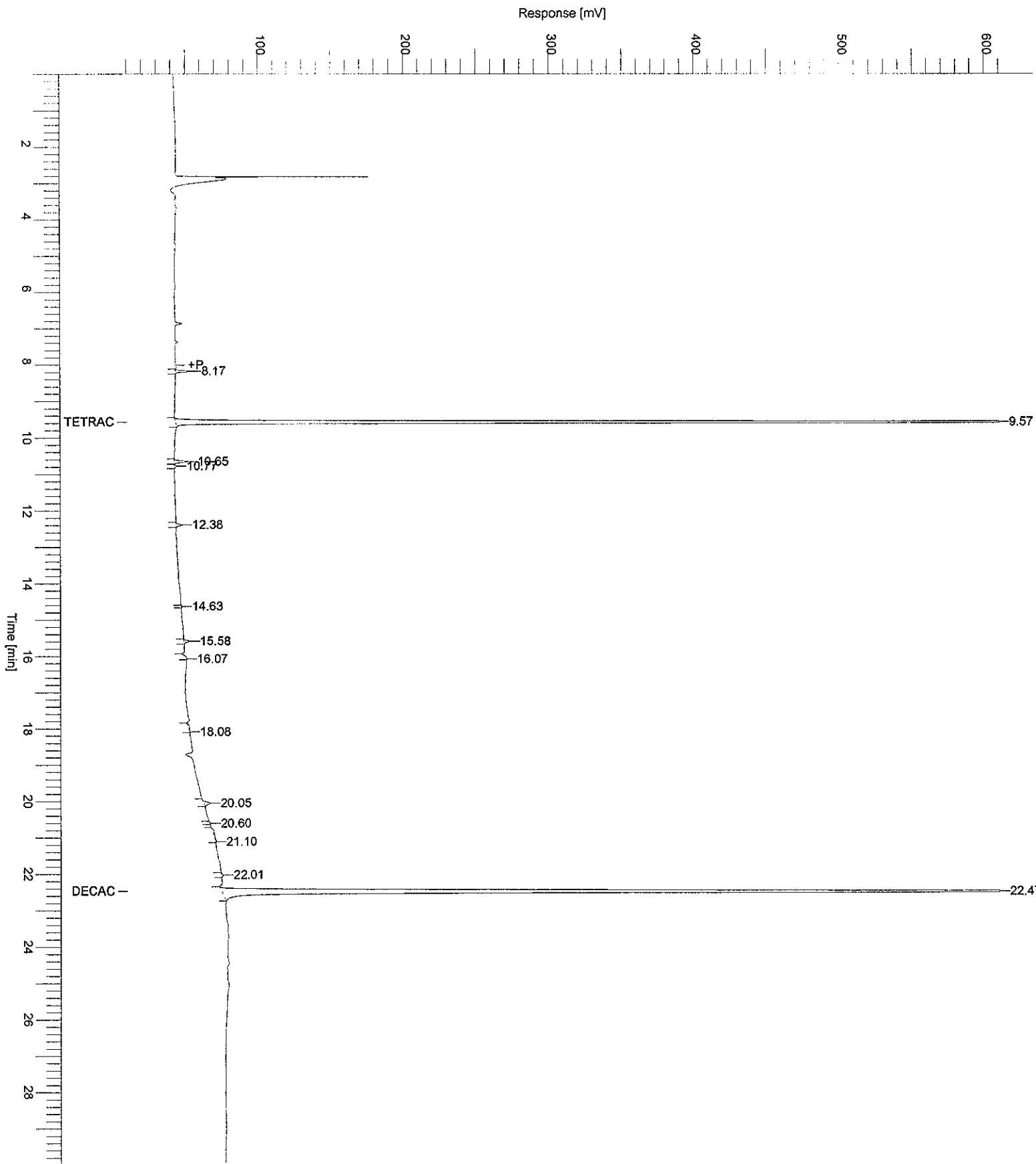
Raw Data File : H:\TURBO6\6890-05\5a09145.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a09145.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09145.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09145.rst
 Calib Method : h:\turbo6\6890-05\05a-surr (06-16-08).mth from H:\TURBO6\6890-05\5a09145.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-09.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.17	31446		B	0.03145	10986.23
2	9.57	3142759	Tetrachloro-m-xylene	B	0.10000	978655.16
3	10.65	29697		B	0.02970	8995.93
4	10.77	4882		V	0.00488	1391.29
5	12.38	13266		B	0.01327	4029.46
6	14.63	1223		B	0.00122	483.69
7	15.58	13338		B	0.01334	4006.40
8	16.07	7077		B	0.00708	599.69
9	18.08	8061		B	0.00806	234.31
10	20.05	21476		B	0.02148	4485.28
11	20.60	1668		B	0.00167	470.96
12	21.10	15708		B	0.01571	313.47
13	22.01	5418		B	0.00542	1326.92
14	22.47	3172386	Decachlorobiphenyl	B	0.10000	674292.63
		6468407			0.35326	1.69e+06

Sample Name : ICM3PJ Sample # : 0.1 Page 1 of 1
FileName : H:\TURBO6\6890-05\5a09145.raw
Date : 06/17/2008 08:24:46 Time of Injection: 06/16/2008 14:47:38
Method : 6890-5ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



Software Version : 6.2.1.0.104:0104 Date : 06/17/2008 08:24:52
 Reprocess Number : buf2048: 74317
 Operator : tchrom Sample Name : ICM3PI
 Sample Number : 0.075 Study :
 AutoSampler : BUILT-IN Rack/Vial : 1/46
 Instrument Name : HP6890-05 Channel : A
 Instrument Serial # : CN10520009 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.93 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 06/16/2008 15:23:53 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5a09146.raw <Modified>

Result File : H:\TURBO6\6890-05\5a09146.rst

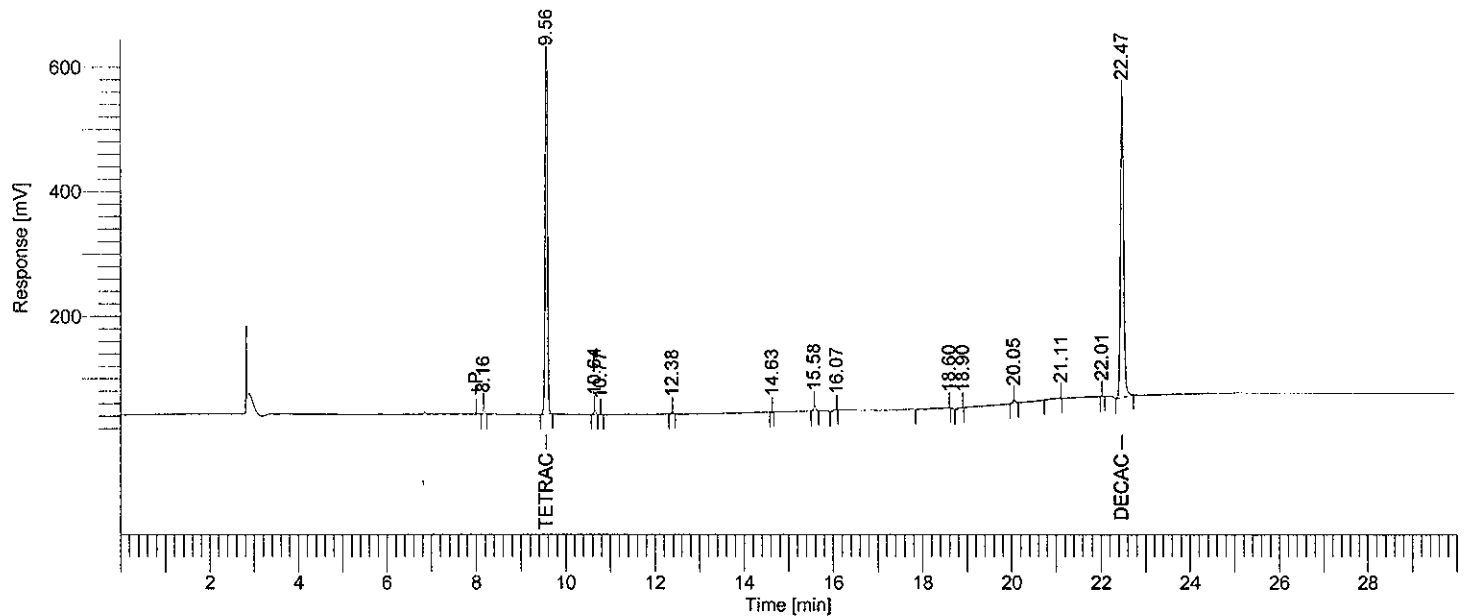
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09146.raw

Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09146.rst

Calib Method : h:\turbo6\6890-05\05a-surr (06-16-08).mth from H:\TURBO6\6890-05\5a09146.rst

Report Format File : h:\turbo6\6890-05\05samp.rpt

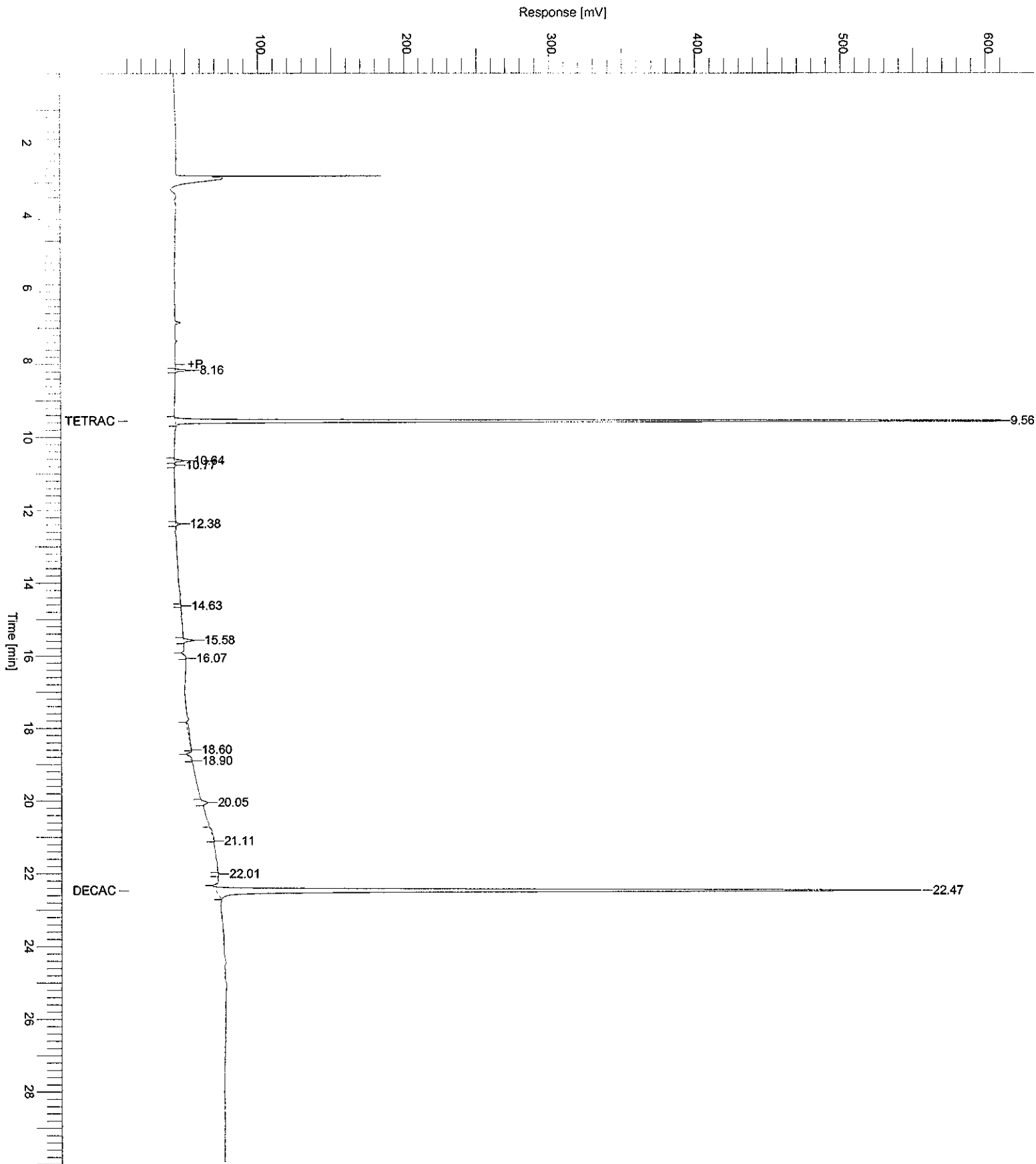
Sequence File : H:\TURBO6\6890-05\5D-09.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.16	28992		B	0.02899	10164.60
2	9.56	2313128	Tetrachloro-m-xylene	B	0.07500	720880.65
3	10.64	21921		B	0.02192	6689.23
4	10.77	3997		V	0.00400	1075.26
5	12.38	9759		B	0.00976	2935.16
6	14.63	1865		B	0.00186	580.79
7	15.58	26644		B	0.02664	7509.18
8	16.07	7395		B	0.00739	566.70
9	18.60	27043		B	0.02704	200.82
10	18.90	10242		B	0.01024	396.04
11	20.05	17464		B	0.01746	3674.15
12	21.11	13207		B	0.01321	318.26
13	22.01	3285		B	0.00328	907.26
14	22.47	2299886	Decachlorobiphenyl	B	0.07500	485146.33
		4784828			0.32181	1.24e+06

Sample Name : ICM3PI
File Name : H:\TURBO6\6890-05\5a09146.raw
Date : 06/17/2008 08:24:54
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # : 0.075
Time of Injection : 06/16/2008 15:23:53
End Time : 30.00 min
Plot Scale : 600.0 mV
Low Point : 10.00 mV
High Point : 610.00 mV
Page 1 of 1



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 74319
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 06/16/2008 16:00:04

Date : 06/17/2008 08:25:00
 Sample Name : ICM3PH
 Study :
 Rack/Vial : 1/47
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5a09147.raw <Modified>

Result File : H:\TURBO6\6890-05\5a09147.rst

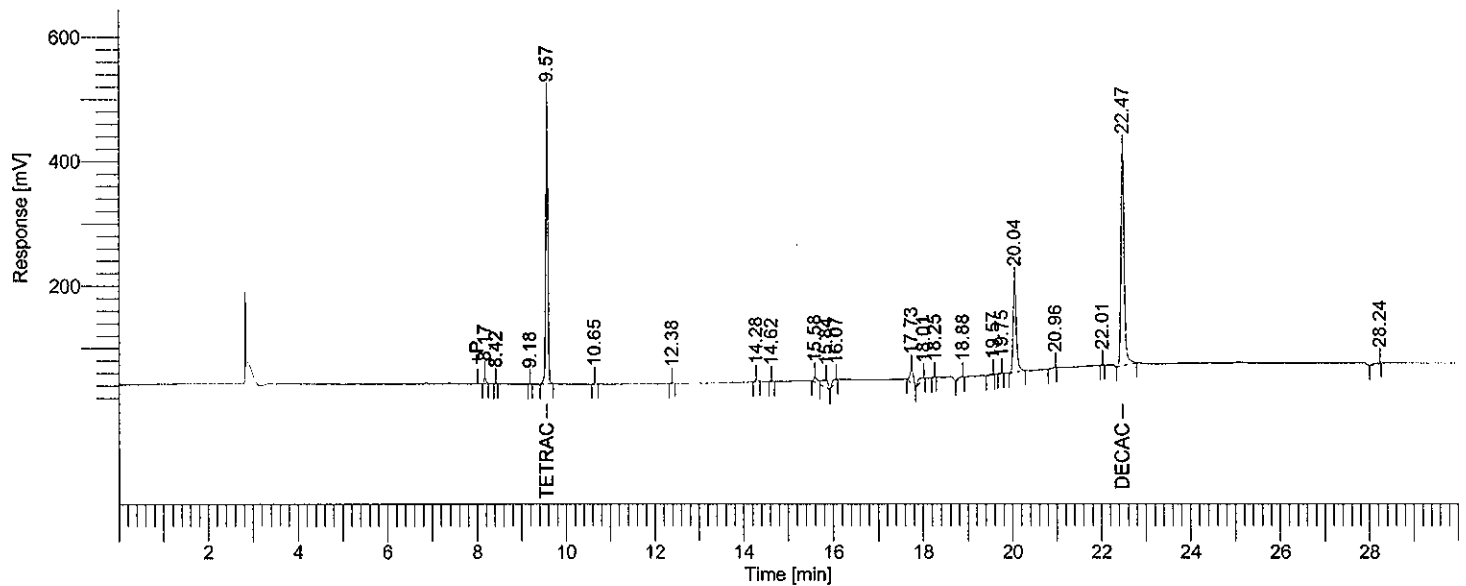
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09147.raw

Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09147.rst

Calib Method : h:\turbo6\6890-05\05a-surr (06-16-08).mth from H:\TURBO6\6890-05\5a09147.rst

Report Format File : h:\turbo6\6890-05\05samp.rpt

Sequence File : H:\TURBO6\6890-05\5D-09.seq



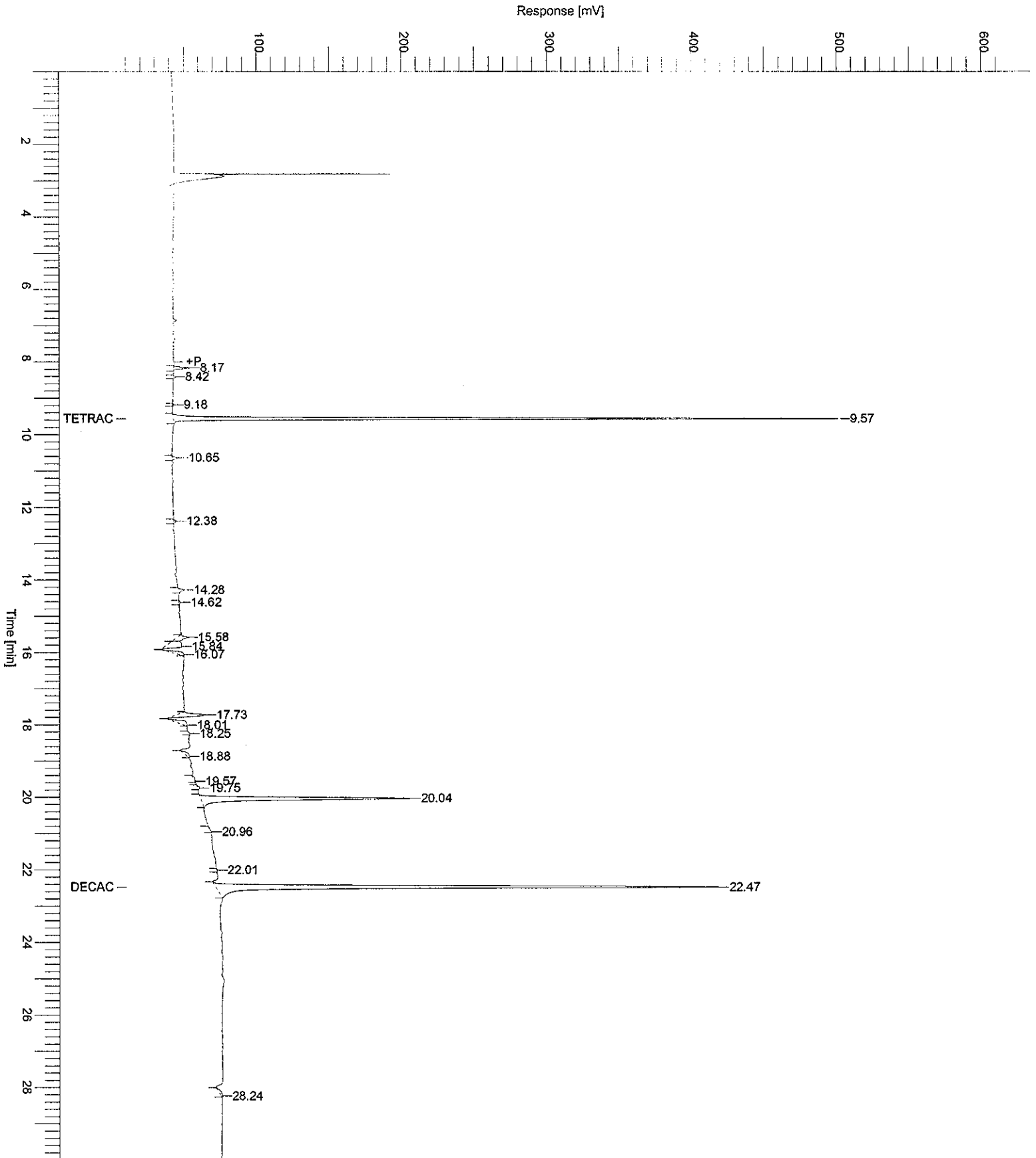
HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.17	32958		B	0.03296	11459.47
2	8.42	3730		B	0.00373	1298.26
3	9.18	2077		B	0.00208	809.90
4	9.57	1489815	Tetrachloro-m-xylene	B	0.05000	459365.79
5	10.65	13717		B	0.01372	4207.33
6	12.38	6100		B	0.00610	1827.57
7	14.28	13832		B	0.01383	3675.19
8	14.62	4310		B	0.00431	1283.74
9	15.58	54359		B	0.05436	7502.54
10	15.84	105677		V	0.10568	11722.08
11	16.07	44101		B	0.04410	2738.44
12	17.73	113224		B	0.11322	21153.39
13	18.01	53156		B	0.05316	1643.73
14	18.25	2339		B	0.00234	609.76
15	18.88	21763		B	0.02176	1402.34
16	19.57	7091		B	0.00709	394.61

06/17/2008 08:25:00 Result: H:\TURBO6\6890-05\5a09147.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	19.75	5031		B	0.00503	1203.33
18	20.04	735082		B	0.73508	145152.27
19	20.96	2708		B	0.00271	426.59
20	22.01	1978		B	0.00198	596.65
21	22.47	1705242	Decachlorobiphenyl	B	0.05000	347440.72
22	28.24	15430		B	0.01543	432.76
		4433720			1.33866	1.03e+06

Sample Name : ICM3PH
File Name : H:\TURBO6\6890-05\5a09147.raw
Date : 06/17/2008 08:25:02
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample #: 0.05
Time of Injection: 06/16/2008 16:00:04
End Time : 30.00 min
Plot Scale: 600.0 mV
Low Point : 10.00 mV
High Point : 610.00 mV
Page 1 of 1



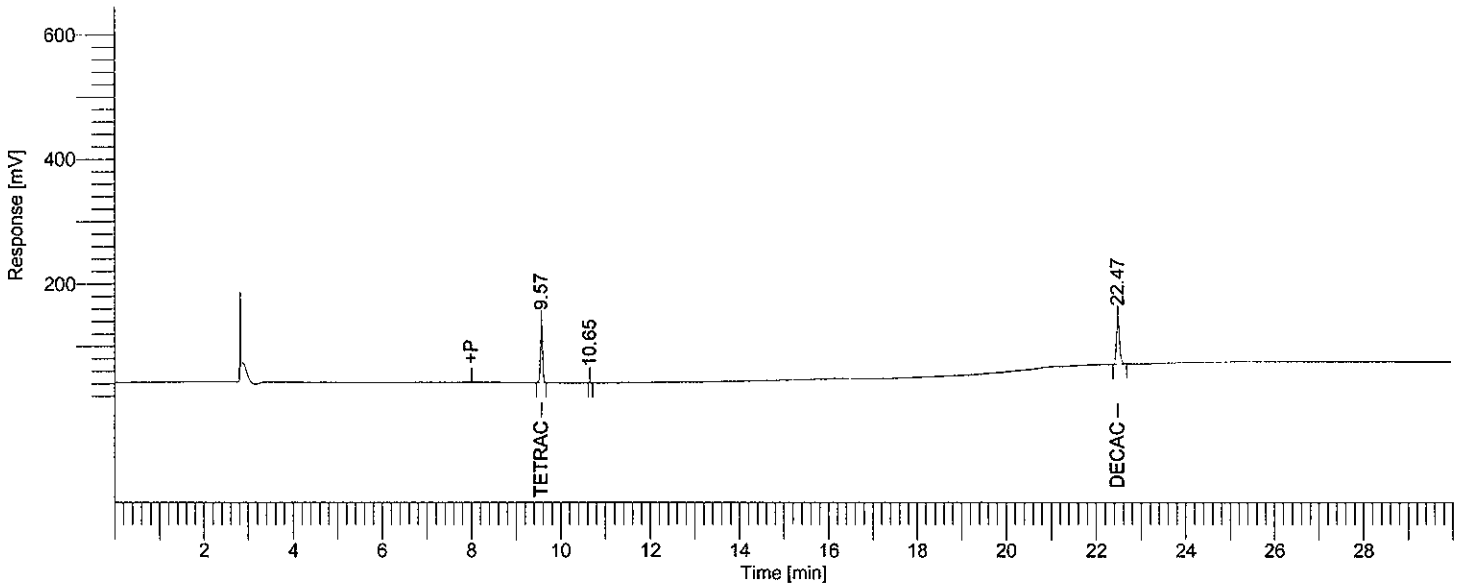
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74321
Operator          : tchrom
Sample Number     : 0.01
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 06/16/2008 16:36:27

Date              : 06/17/2008 08:25:08
Sample Name      : ICM3PJ DF10
Study           :
Rack/Vial       : 1/48
Channel        : A
A/D mV Range   : 1000
End Time       : 29.95 min
Area Reject    : 1000.000000
Dilution Factor : 1.00
Cycle          : 4
    
```

```

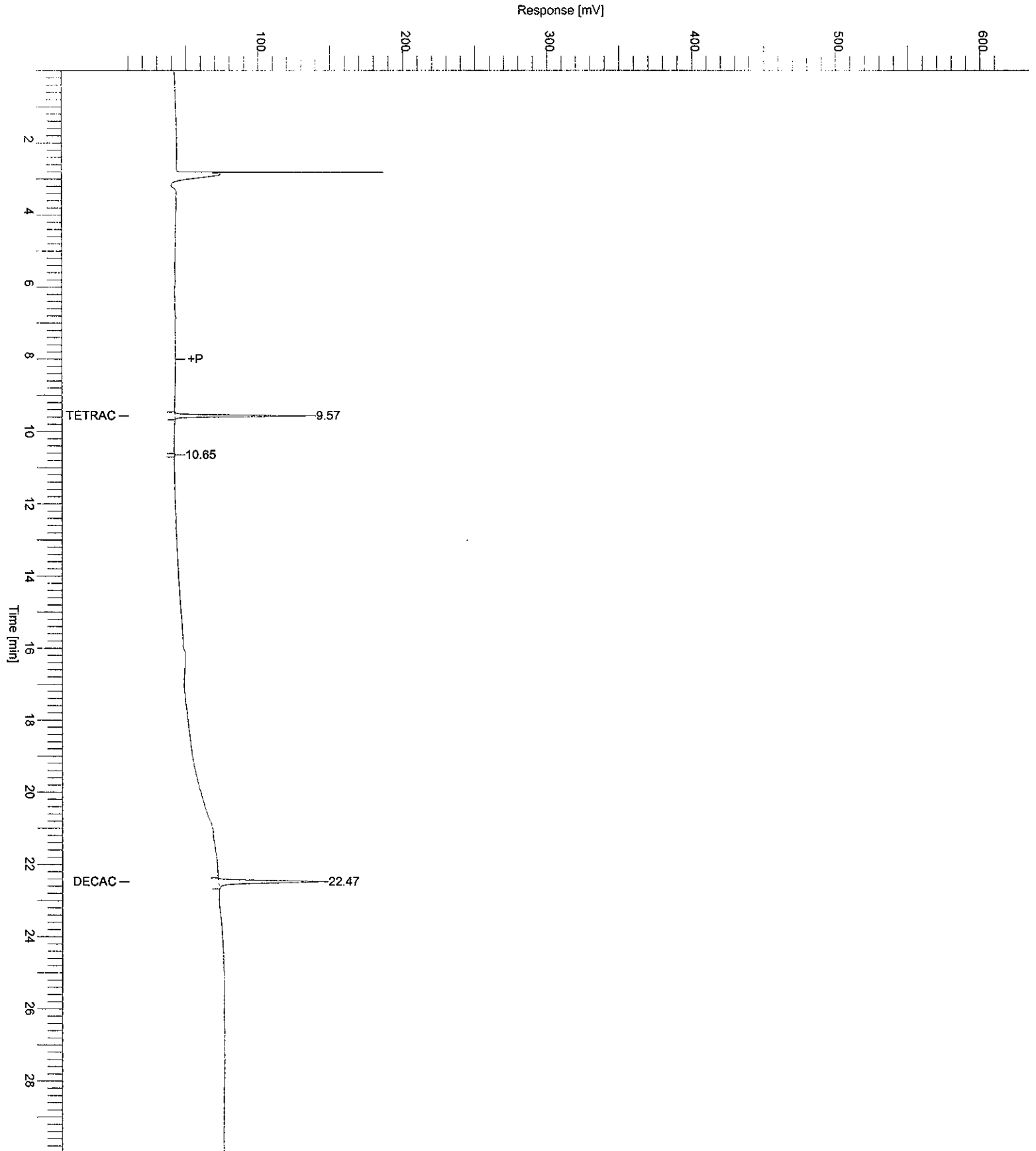
Raw Data File : H:\TURBO6\6890-05\5a09148.raw <Modified>
Result File : H:\TURBO6\6890-05\5a09148.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09148.raw
Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09148.rst
Calib Method : h:\turbo6\6890-05\05a-surr (06-16-08).mth from H:\TURBO6\6890-05\5a09148.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.57	299164	Tetrachloro-m-xylene	B	0.01000	91538.81
2	10.65	1989		B	0.00199	729.52
3	22.47	345598	Decachlorobiphenyl	B	0.01000	69801.60
		646751			0.02199	162069.93

Sample Name : ICM3PJ DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-05\5a09148.raw
Date : 06/17/2008 08:25:09 Time of Injection: 06/16/2008 16:36:27
Method : 6890-5ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



```

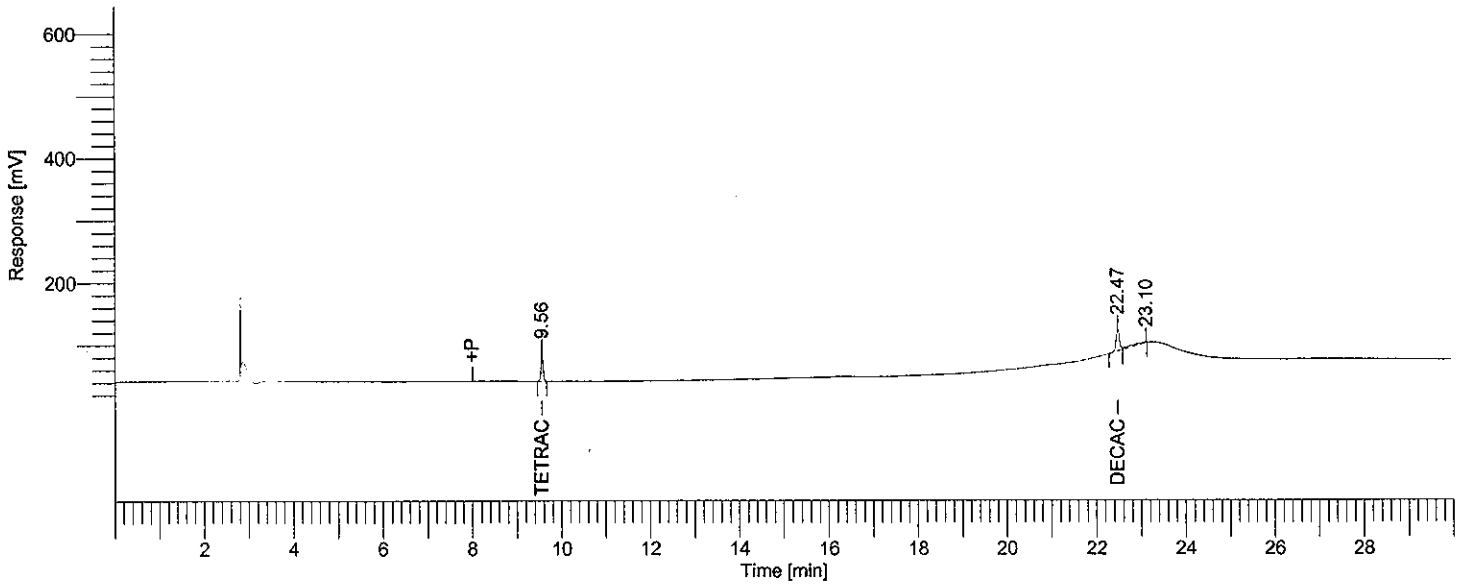
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 74323
Operator : tchrom
Sample Number : 0.005
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 06/16/2008 17:12:42

Date : 06/17/2008 08:25:15
Sample Name : ICM3PH DF10
Study :
Rack/Vial : 1/49
Channel : A
A/D mV Range : 1000
End Time : 29.94 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 5
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a09149.raw <Modified>
Result File : H:\TURBO6\6890-05\5a09149.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a09149.raw
Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a09149.rst
Calib Method : h:\turbo6\6890-05\05a-surr (06-16-08).mth from H:\TURBO6\6890-05\5a09149.rst
Report Format File : h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.56	143648	Tetrachloro-m-xylene	B	0.00500	43739.64
2	22.47	172458	Decachlorobiphenyl	B	0.00500	33641.30
3	23.10	62039		V	0.06204	547.04
		378146			0.07204	77927.98

Sample Name : ICM3PH DF10

Sample #: 0.005

Page 1 of 1

FileName : H:\TURBO6\6890-05\5a09149.raw

Date : 06/17/2008 08:25:16

Time of Injection: 06/16/2008 17:12:42

Method : 6890-5ins

Start Time : 0.00 min

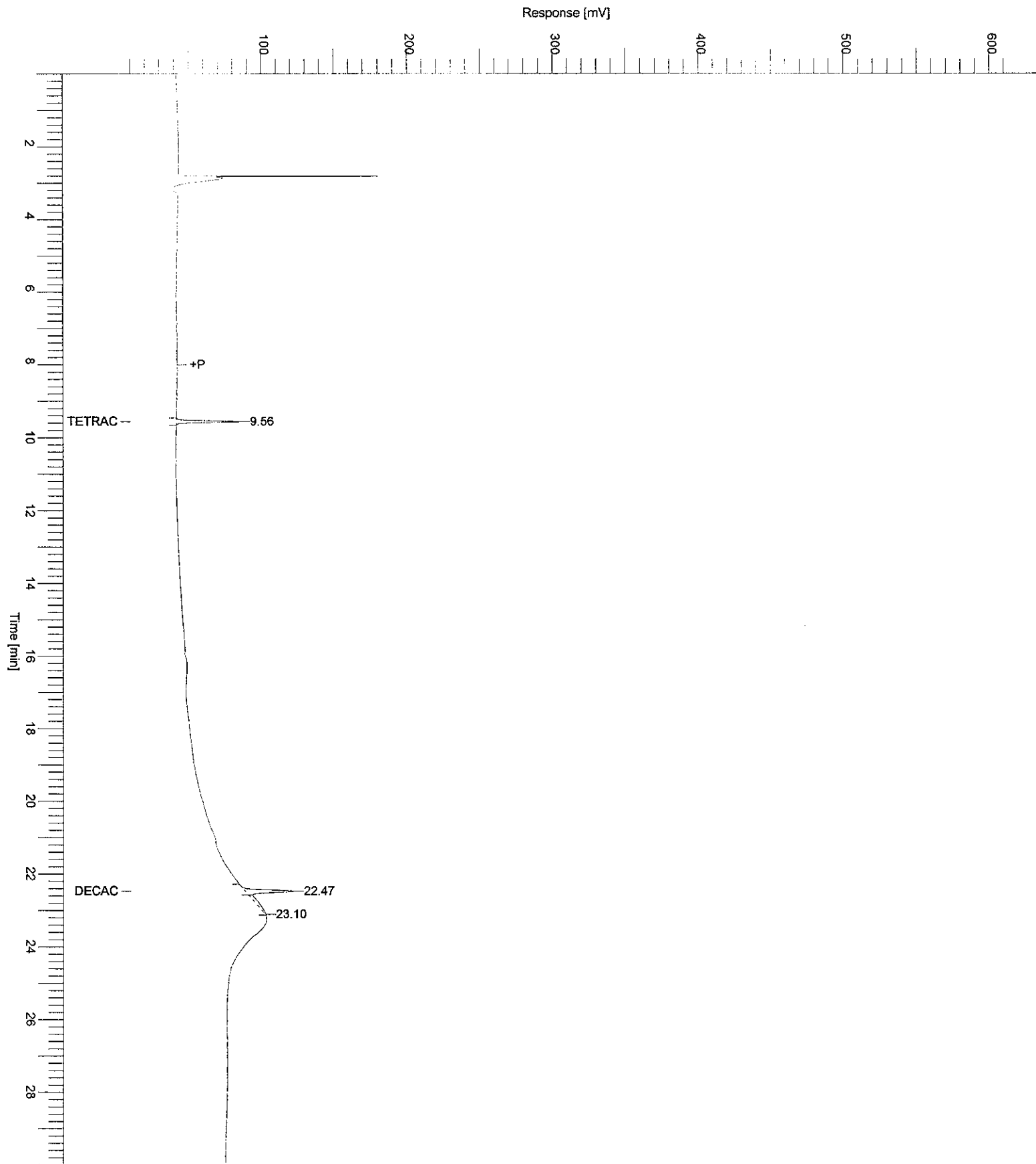
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 610.00 mV

Plot Offset: 10.00 mV

Plot Scale: 600.0 mV



TotalChrom Method File H:\TURBO6\6890-05\05b-SURR (06-16-08).mth
 Printed by : NearyM on: 06/17/2008 08:39:17
 Created by : NearyM on: 06/17/2008 08:11:25
 Edited by : NearyM on: 06/17/2008 08:39:07
 Number of Times Edited : 1
 Number of Times Calibrated : 2439
 Description: CURVE 04-28-08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

Processed by: MM 6/17/08

Reviewed by: REB 6/30/08

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

Tetrachloro-m-xylene
 Component Type : Single Peak Component
 Retention Time : 11.312 min
 Search Window : 7.00 s, 0.50 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	327520.90	88681.64	-----	-----	1
B	0.0100	677988.30	185353.12	-----	-----	1
C	0.0500	3161165.00	884081.35	-----	-----	1
D	0.0750	4912445.60	1.36e+06	-----	-----	1
E	0.1000	6686966.60	1.88e+06	-----	-----	1

Calibration Curve : $y = (-33709.343239) + (66394304.650817)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999110

Decachlorobiphenyl

Component Type : Single Peak Component
 Retention Time : 26.601 min
 Search Window : 7.00 s, 0.50 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/17/2008 08:39:17 Method: H:\TURBO6\6890-05\05b-SURR (06-16-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	355233.20	50912.45	-----	-----	1
B	0.0100	712796.40	101660.37	-----	-----	1
C	0.0500	3018816.60	434862.17	-----	-----	1
D	0.0750	4609719.80	666559.44	-----	-----	1
E	0.1000	6200840.30	900053.90	-----	-----	1

Calibration Curve : $y = (51107.012630) + (61007796.820208)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.999514

```

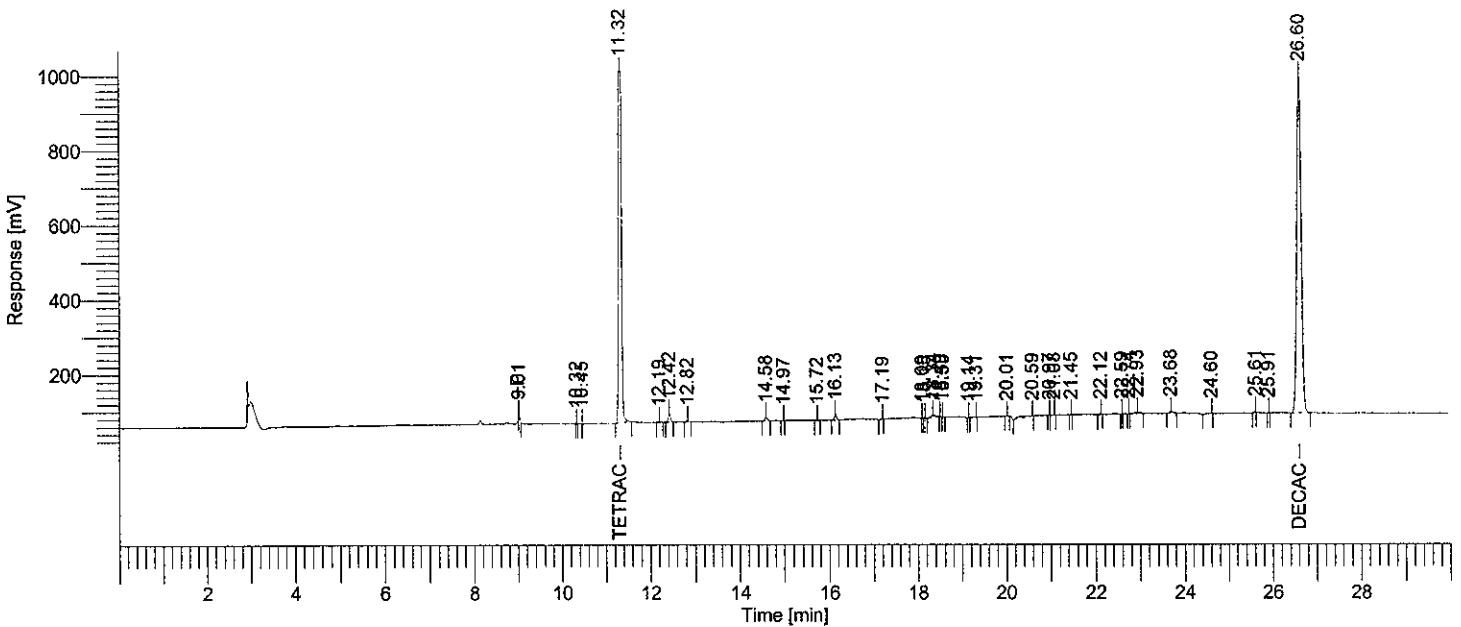
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74327
Operator          : tchrom
Sample Number     : 0.1
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 06/16/2008 14:47:38

Date              : 06/17/2008 08:35:22
Sample Name      : ICM3PJ
Study            :
Rack/Vial       : 1/45
Channel         : B
A/D mV Range    : 1000
End Time        : 29.94 min

Area Reject     : 1000.000000
Dilution Factor : 1.00
Cycle           : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b09145.raw <Modified>
Result File   : H:\TURBO6\6890-05\5b09145.rst
Inst Method   : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09145.raw
Proc Method   : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09145.rst
Calib Method  : h:\turbo6\6890-05\05b-surr (06-16-08).mth from H:\TURBO6\6890-05\5b09145.rst
Report Format File : h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.01	12481		B	0.01248	6482.90
4	11.32	6686967	Tetrachloro-m-xylene	B	0.10000	1.88e+06
5	12.19	5119		B	0.00512	1238.11
6	12.42	75343		B	0.07534	20375.73
7	12.82	14184		B	0.01418	3764.90
8	14.58	33645		B	0.03364	8779.08
9	14.97	1427		B	0.00143	548.98
10	15.72	4514		B	0.00451	1229.66
11	16.13	44955		B	0.04496	12365.67
12	17.19	4128		B	0.00413	406.54
15	18.34	47603		B	0.04760	5677.73
18	19.14	1658		B	0.00166	891.35
19	19.31	5347		V	0.00535	236.65
20	20.01	4115		B	0.00411	1232.53
21	20.59	86118		B	0.08612	580.86
22	20.97	1611		B	0.00161	683.68

06/17/2008 08:35:22 Result: H:\TURBO6\6890-05\5b09145.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
23	21.08	3233		V	0.00323	368.98
24	21.45	1136		B	0.00114	390.17
25	22.12	2738		B	0.00274	373.77
27	22.74	2026		B	0.00203	823.66
28	22.93	29340		V	0.02934	3201.95
29	23.68	21463		B	0.02146	3199.87
30	24.60	8834		B	0.00883	359.96
31	25.61	2161		B	0.00216	606.77
33	26.60	6200840	Decachlorobiphenyl	B	0.10000	900053.90
		13300987			0.61318	2.86e+06

Sample Name : ICM3PJ

Sample #: 0.1

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b09145.raw

Date : 06/17/2008 08:35:23

Method : 6890-5ins

Time of Injection: 06/16/2008 14:47:38

Start Time : 0.00 min

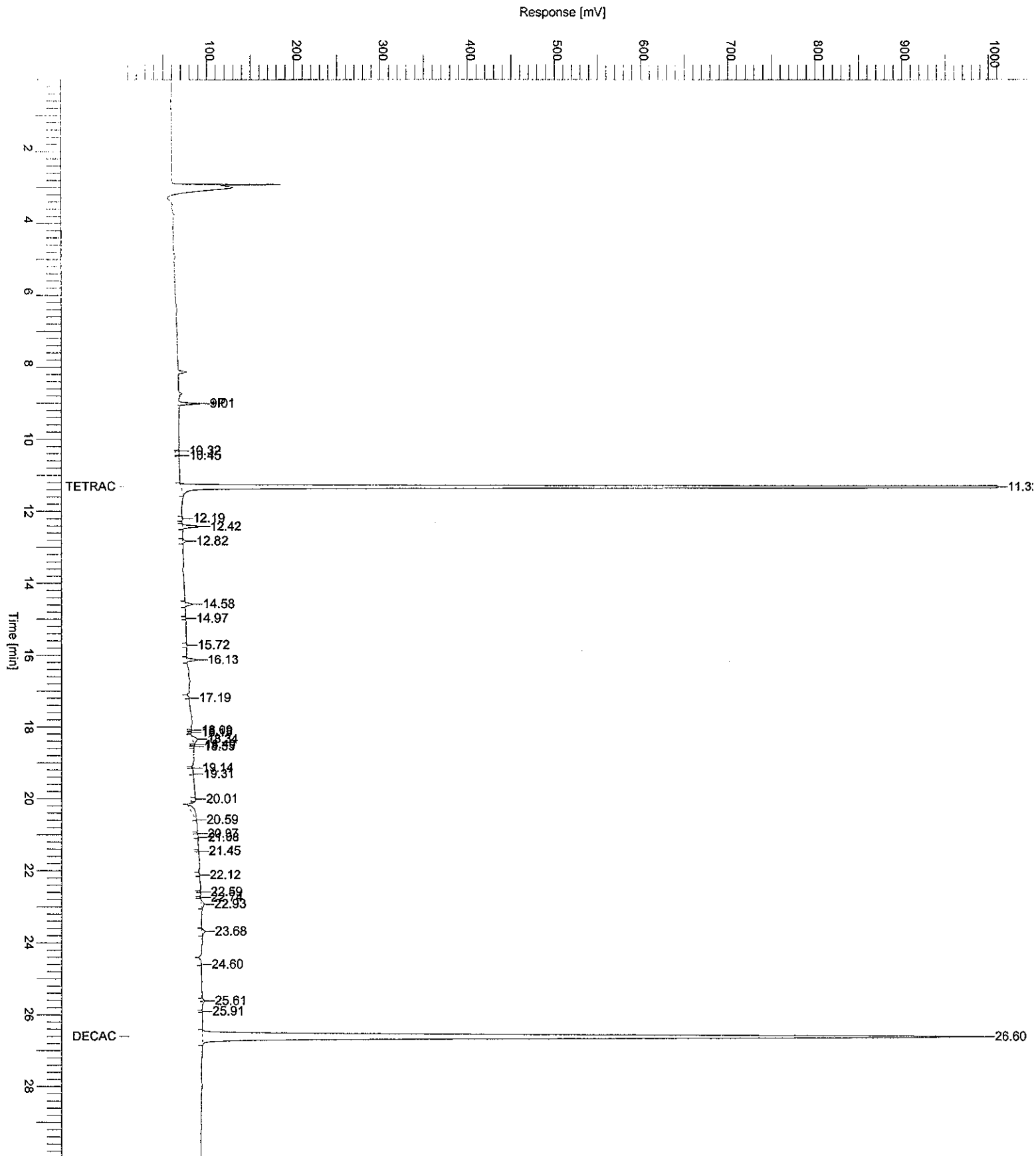
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 1010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 1000.0 mV



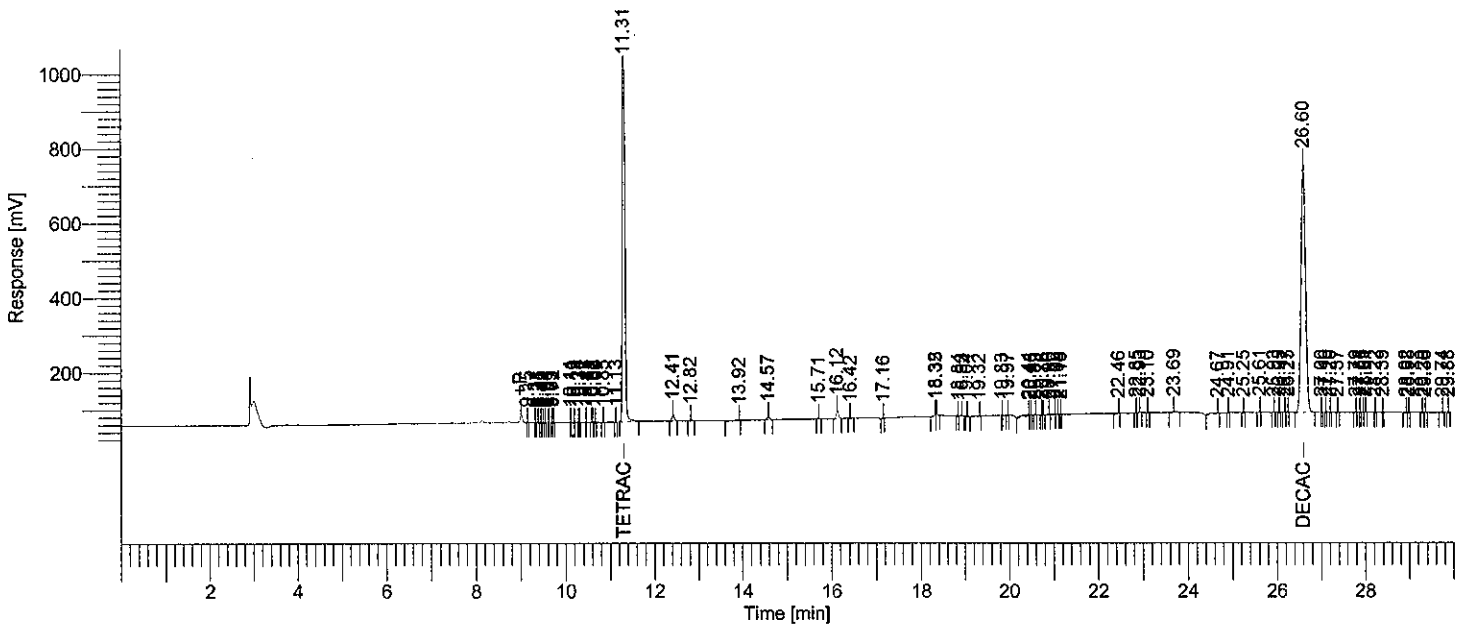
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74328
Operator          : tchrom
Sample Number     : 0.075
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 06/16/2008 15:23:53

Date              : 06/17/2008 08:35:26
Sample Name      : ICM3PI
Study            :
Rack/Vial       : 1/46
Channel         : B
A/D mV Range    : 1000
End Time        : 29.93 min
Area Reject     : 1000.000000
Dilution Factor : 1.00
Cycle           : 2
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b09146.raw <Modified>
Result File : H:\TURBO6\6890-05\5b09146.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09146.raw
Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09146.rst
Calib Method : h:\turbo6\6890-05\05b-surr (06-16-08).mth from H:\TURBO6\6890-05\5b09146.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



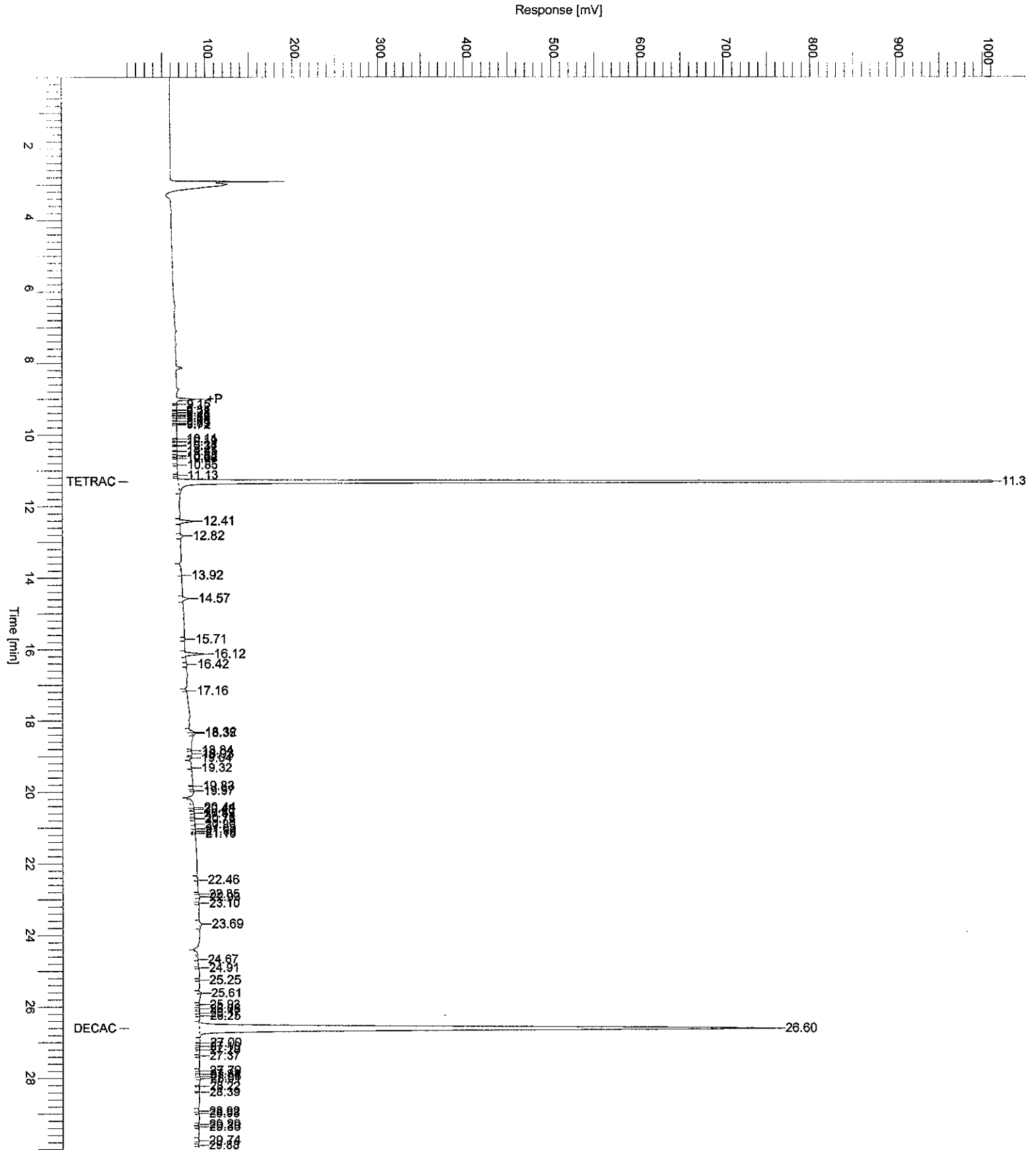
HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
20	11.31	4912446	Tetrachloro-m-xylene	B	0.07500	1.36e+06
21	12.41	56956		B	0.05696	15512.52
22	12.82	11383		B	0.01138	2970.05
23	13.92	12461		B	0.01246	230.64
24	14.57	25729		B	0.02573	6686.16
25	15.71	3520		B	0.00352	1044.90
26	16.12	79335		B	0.07934	21655.11
27	16.42	3270		B	0.00327	880.90
28	17.16	2777		B	0.00278	677.23
29	18.32	12317		B	0.01232	4059.13
30	18.35	12876		V	0.01288	3817.45
31	18.84	1100		B	0.00110	517.72
32	18.93	3340		B	0.00334	589.35
33	19.04	4411		B	0.00441	1208.44
34	19.32	10521		B	0.01052	410.33
37	20.44	50297		B	0.05030	1534.87

06/17/2008 08:35:26 Result: H:\TURBO6\6890-05\5b09146.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
38	20.48	1843		V	0.00184	678.69
39	20.59	1528		B	0.00153	365.90
40	20.73	1553		B	0.00155	859.53
41	20.76	2162		V	0.00216	914.13
42	20.90	2908		V	0.00291	468.53
43	21.02	2560		B	0.00256	483.19
46	22.46	3267		B	0.00327	321.70
48	22.93	2592		V	0.00259	672.56
50	23.69	17419		B	0.01742	2560.18
51	24.67	29049		B	0.02905	631.63
53	25.25	1323		B	0.00132	299.91
54	25.61	2253		B	0.00225	721.60
55	25.93	1233		B	0.00123	347.67
56	26.05	1090		B	0.00109	465.46
57	26.17	3047		B	0.00305	914.52
58	26.25	1410		B	0.00141	291.00
59	26.60	4609720	Decachlorobiphenyl	B	0.07500	666559.44
63	27.37	1451		B	0.00145	452.54
64	27.79	1390		B	0.00139	234.79
66	27.95	2785		B	0.00278	821.61
67	28.01	1193		V	0.00119	413.52
70	28.92	4544		B	0.00454	1029.38
71	28.98	1154		B	0.00115	436.09
72	29.29	2877		B	0.00288	845.79
73	29.36	1492		B	0.00149	519.99
74	29.74	2188		B	0.00219	277.59
75	29.88	1287		B	0.00129	395.31
		9908056			0.53589	2.11e+06

Sample Name : ICM3PI
File Name : H:\TURBO6\6890-05\5b09146.raw
Date : 06/17/2008 08:35:27
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # : 0.075
Page 1 of 1
Time of Injection : 06/16/2008 15:23:53
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1010.00 mV
Plot Scale : 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 06/17/2008 08:35:29
 Reprocess Number : buf2048: 74329
 Operator : tchrom Sample Name : ICM3PH
 Sample Number : 0.05 Study :
 AutoSampler : BUILT-IN Rack/Vial : 1/47
 Instrument Name : HP6890-05 Channel : B
 Instrument Serial # : CN10520009 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.99 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 06/16/2008 16:00:04 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5b09147.raw <Modified>

Result File : H:\TURBO6\6890-05\5b09147.rst

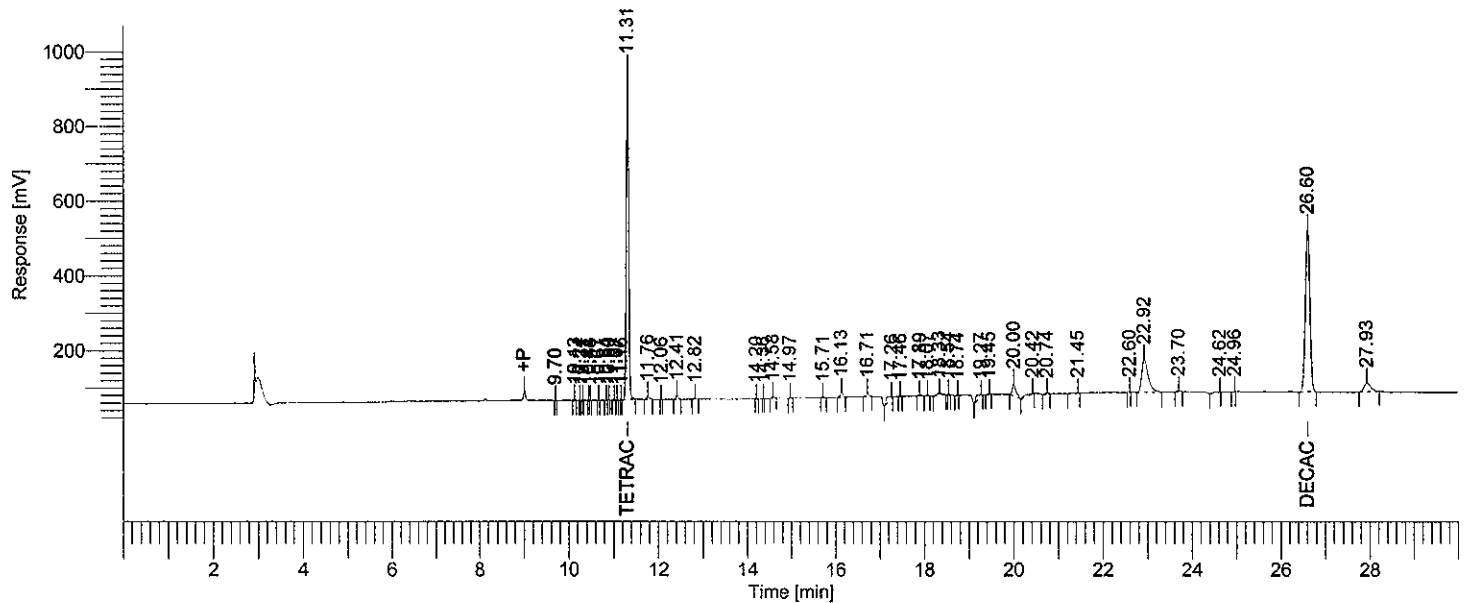
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09147.raw

Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09147.rst

Calib Method : h:\turbo6\6890-05\05b-surr (06-16-08).mth from H:\TURBO6\6890-05\5b09147.rst

Report Format File : h:\turbo6\6890-05\05samp.rpt

Sequence File : H:\TURBO6\6890-05\5D-09.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	10.13	4869		B	0.00487	1973.56
8	10.84	1740		B	0.00174	651.23
13	11.31	3161165	Tetrachloro-m-xylene	B	0.05000	884081.35
14	11.76	32347		B	0.03235	7727.84
16	12.41	38658		B	0.03866	10587.10
17	12.82	7232		B	0.00723	1811.78
18	14.20	1267		B	0.00127	579.63
20	14.58	15750		B	0.01575	4315.43
21	14.97	5903		B	0.00590	1885.19
22	15.71	4311		B	0.00431	1318.86
23	16.13	54822		B	0.05482	14335.90
24	16.71	38203		B	0.03820	8957.74
25	17.26	92789		B	0.09279	3954.17
26	17.46	1860		B	0.00186	691.17
27	17.89	6878		B	0.00688	1550.05
28	18.07	4474		B	0.00447	1211.00

06/17/2008 08:35:29 Result: H:\TURBO6\6890-05\5b09147.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
29	18.33	45739		B	0.04574	5344.16
30	18.54	1249		B	0.00125	501.25
31	18.74	2353		B	0.00235	541.54
32	19.27	89076		B	0.08908	3796.24
33	19.45	4184		B	0.00418	925.08
34	20.00	190499		B	0.19050	32949.68
35	20.42	54322		B	0.05432	1907.30
36	20.74	16746		B	0.01675	2834.56
37	21.45	10212		B	0.01021	510.60
38	22.60	1526		B	0.00153	278.97
39	22.92	890332		B	0.89033	87303.87
40	23.70	8185		B	0.00819	1387.23
41	24.62	15628		B	0.01563	384.09
42	24.96	1593		B	0.00159	240.36
43	26.60	3018817	Decachlorobiphenyl	B	0.05000	434862.17
44	27.93	252349		B	0.25235	24059.83
		8075076			1.99509	1.54e+06

Sample Name : ICM3PH

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b09147.raw

Date : 06/17/2008 08:35:31

Time of Injection: 06/16/2008 16:00:04

Method : 6890-5ins

Start Time : 0.00 min

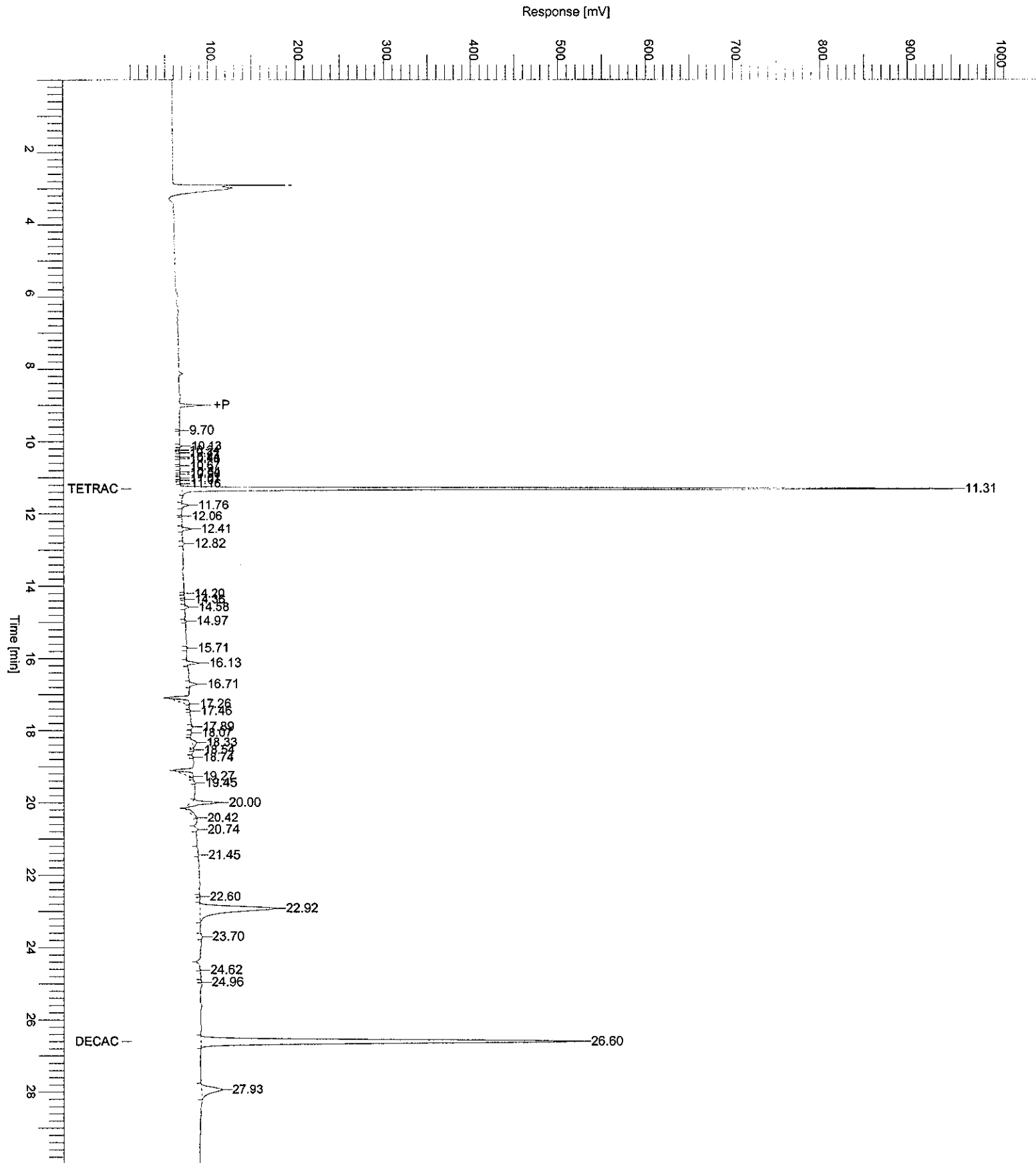
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 1010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 1000.0 mV



```

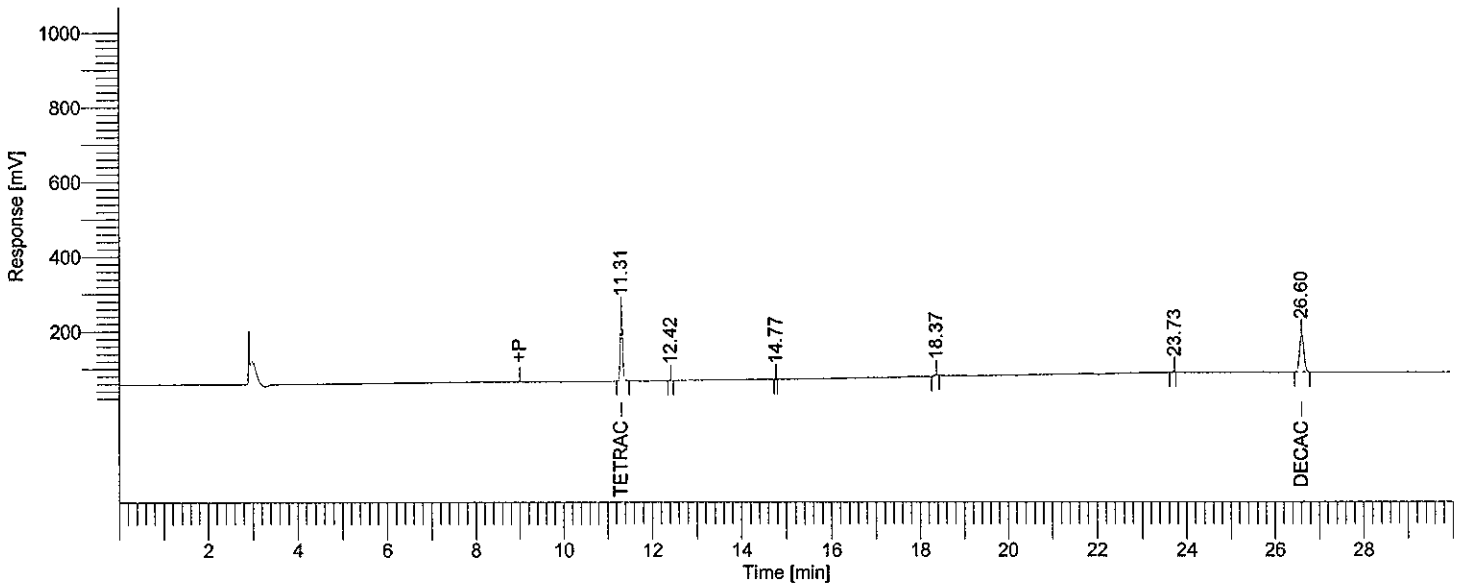
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 74330
Operator : tchrom
Sample Number : 0.01
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 06/16/2008 16:36:27

Date : 06/17/2008 08:35:33
Sample Name : ICM3PJ DF10
Study :
Rack/Vial : 1/48
Channel : B
A/D mV Range : 1000
End Time : 29.95 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 4
    
```

```

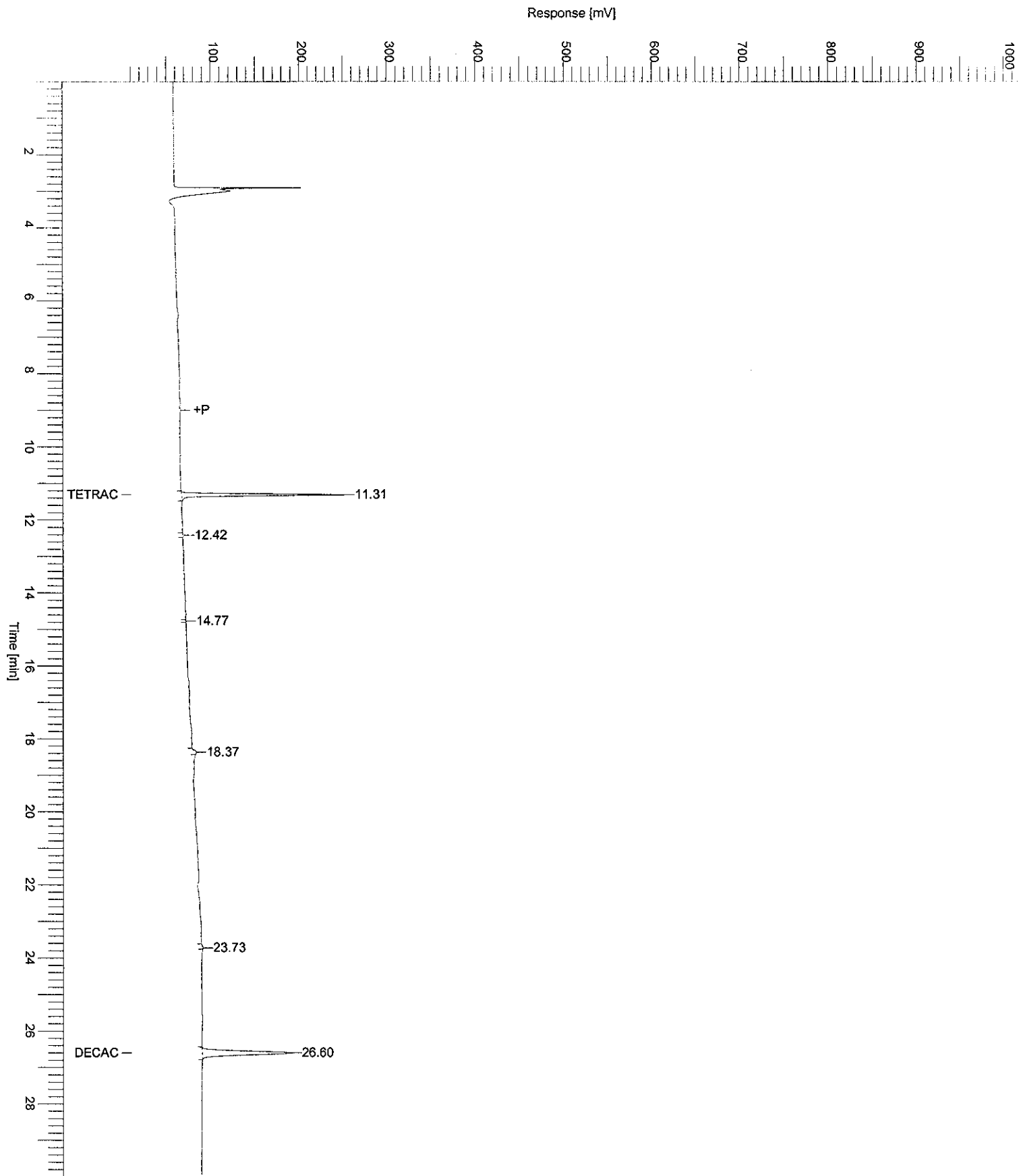
Raw Data File : H:\TURBO6\6890-05\5b09148.raw <Modified>
Result File : H:\TURBO6\6890-05\5b09148.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09148.raw
Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09148.rst
Calib Method : h:\turbo6\6890-05\05b-surr (06-16-08).mth from H:\TURBO6\6890-05\5b09148.rst
Report Format File : h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-09.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	11.31	677988	Tetrachloro-m-xylene	B	0.01000	185353.12
2	12.42	7004		B	0.00700	2078.57
4	18.37	13434		B	0.01343	2213.80
5	23.73	3438		B	0.00344	508.12
6	26.60	712796	Decachlorobiphenyl	B	0.01000	101660.37
		1414660			0.04388	291813.97

Sample Name : ICM3PJ DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b09148.raw
Date : 06/17/2008 08:35:34 Time of Injection: 06/16/2008 16:36:27
Method : 6890-5ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/17/2008 08:35:36
Reprocess Number	: buf2048: 74331	Sample Name	: ICM3PH DF10
Operator	: tchrom	Study	:
Sample Number	: 0.005	Rack/Vial	: 1/49
AutoSampler	: BUILT-IN	Channel	: B
Instrument Name	: HP6890-05	A/D mV Range	: 1000
Instrument Serial #	: CN10520009	End Time	: 29.94 min
Delay Time	: 0.00 min	Area Reject	: 1000.000000
Sampling Rate	: 5.0000 pts/s	Dilution Factor	: 1.00
Sample Volume	: 1.000000 ul	Cycle	: 5
Sample Amount	: 1.0000		
Data Acquisition Time	: 06/16/2008 17:12:42		

Raw Data File : H:\TURBO6\6890-05\5b09149.raw <Modified>

Result File : H:\TURBO6\6890-05\5b09149.rst

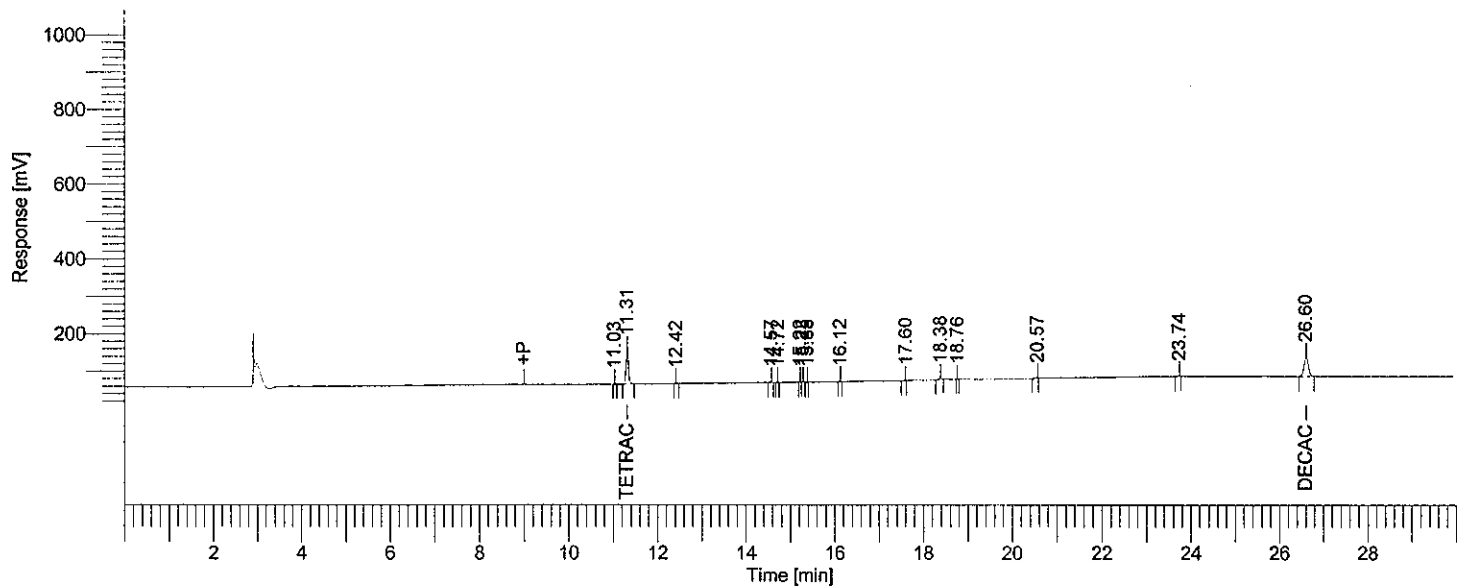
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b09149.raw

Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b09149.rst

Calib Method : h:\turbo6\6890-05\05b-surr (06-16-08).mth from H:\TURBO6\6890-05\5b09149.rst

Report Format File: h:\turbo6\6890-05\05samp.rpt

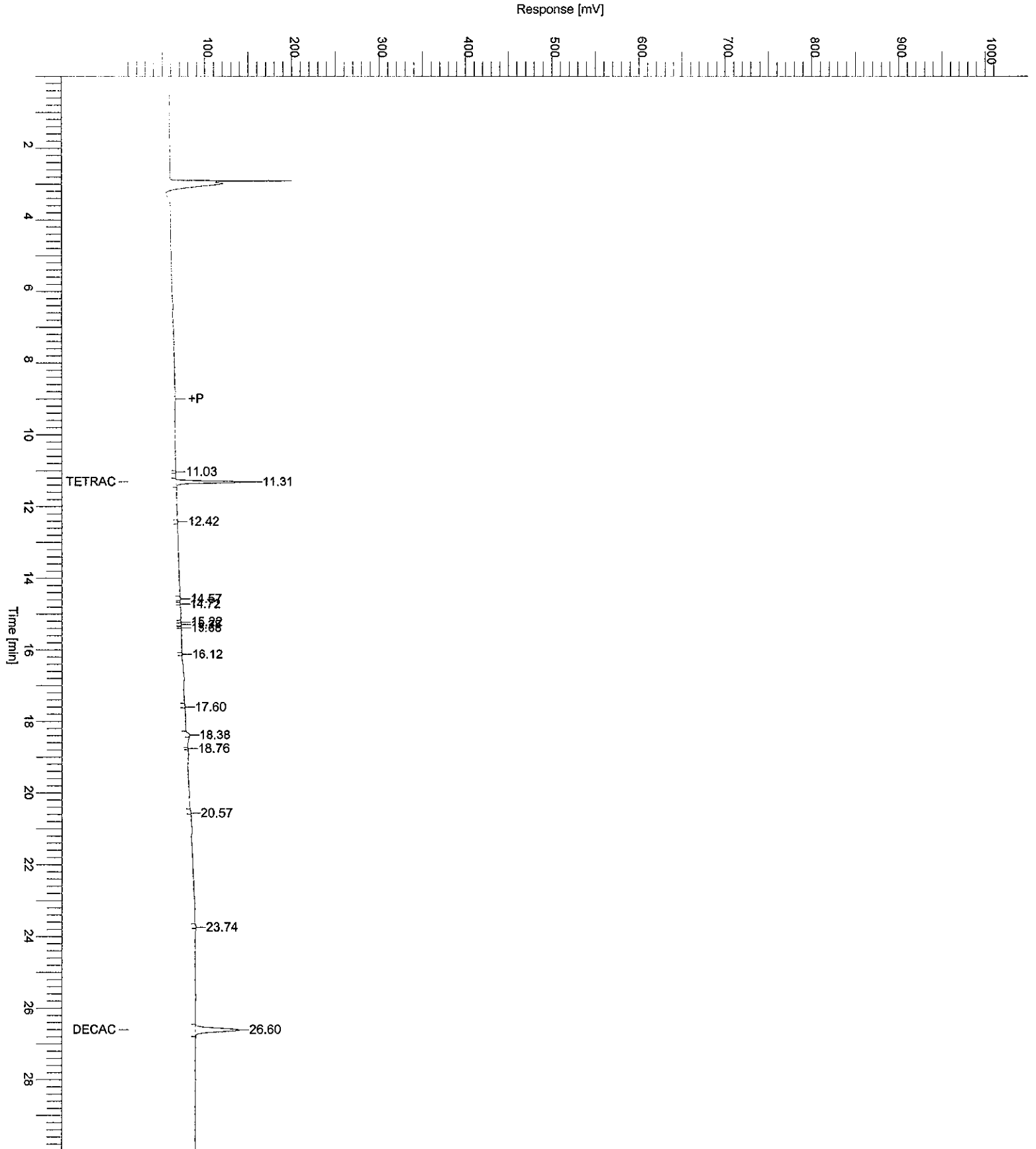
Sequence File : H:\TURBO6\6890-05\5D-09.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	11.03	1447		B	0.00145	452.45
2	11.31	327521	Tetrachloro-m-xylene	B	0.00500	88681.64
3	12.42	2848		B	0.00285	825.21
4	14.57	3435		B	0.00344	837.55
7	15.28	1252		V	0.00125	535.34
9	16.12	1836		B	0.00184	702.77
10	17.60	2849		B	0.00285	467.26
11	18.38	12545		B	0.01254	1945.72
13	20.57	2345		B	0.00235	223.94
14	23.74	3004		B	0.00300	478.08
15	26.60	355233	Decachlorobiphenyl	B	0.00500	50912.45
		714316			0.04156	146062.40

Sample Name : ICM3PH DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b09149.raw
Date : 06/17/2008 08:35:37
Method : 6890-5ins Time of Injection: 06/16/2008 17:12:42
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



TotalChrom Method File H:\TURBO6\6890-05\05a-Chlordane(01-25-08).mth

Printed by : NearyM on: 01/25/2008 11:30:06
 Created by : NearyM on: 01/25/2008 11:17:59
 Edited by : NearyM on: 01/25/2008 11:29:44
 Number of Times Edited : 1
 Number of Times Calibrated : 1812
 Description: CURVE 02-12-07

Processed by: MAN 1/25/08

Reviewed by: NYB 2/11/08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

chlordane: A

Component Type : Single Peak Component
 Retention Time : 14.460 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	38925.75	9763.19	-----	-----	1
b	0.1000	73739.87	18182.45	-----	-----	1
c	0.5000	431181.74	99127.20	-----	-----	1
d	1.0000	862641.43	198005.63	-----	-----	1
e	1.5000	1336016.83	309058.77	-----	-----	1

Calibration Curve : $y = (-13798.315555) + (892538.794426)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999630

CHLORDANE

Component Type : Named Group

Group Members

- chlordane: A
- chlordane: B
- chlordane: C
- chlordane: D
- chlordane: E

Calibrating Area versus Amount using a 1st Order Fit

Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

01/25/2008 11:30:06 Method: H:\TURBO6\6890-05\05a-Chlordane(01-25-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	529859.98	108725.55	-----	-----	1
B	0.1000	1015154.41	207389.23	-----	-----	1
C	0.5000	6155886.46	1.25e+06	-----	-----	1
D	1.0000	12562981.81	2.54e+06	-----	-----	1
E	1.5000	19707760.90	3.99e+06	-----	-----	1

Calibration Curve : $y = (-312946.691627) + (13186151.435186)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999234

chlordan: B

Component Type : Single Peak Component
 Retention Time : 15.410 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	25687.98	6731.17	-----	-----	1
b	0.1000	49345.38	12960.25	-----	-----	1
c	0.5000	302429.61	77008.71	-----	-----	1
d	1.0000	617239.44	158325.82	-----	-----	1
e	1.5000	976594.09	251045.93	-----	-----	1

Calibration Curve : $y = (-17074.426223) + (652910.678572)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998923

chlordan: C

Component Type : Single Peak Component
 Retention Time : 15.520 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

01/25/2008 11:30:06 Method: H:\TURBO6\6890-05\05a-Chlordane(01-25-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	23095.00	3505.64	-----	-----	1
b	0.1000	42676.90	6755.47	-----	-----	1
C	0.5000	267558.61	41795.96	-----	-----	1
D	1.0000	529984.81	84898.18	-----	-----	1
E	1.5000	835692.93	135627.56	-----	-----	1

Calibration Curve : $y = (-11625.690431) + (557821.175062)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999109

chlordan:D

Component Type : Single Peak Component
 Retention Time : 16.130 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	382977.24	75035.26	-----	-----	1
B	0.1000	726119.41	143043.14	-----	-----	1
C	0.5000	4453647.69	880539.14	-----	-----	1
D	1.0000	9131105.52	1.78e+06	-----	-----	1
E	1.5000	14305827.09	2.79e+06	-----	-----	1

Calibration Curve : $y = (-235627.189055) + (9580258.062090)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999255

chlordan:E

Component Type : Single Peak Component
 Retention Time : 17.590 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

01/25/2008 11:30:06 Method: H:\TURBO6\6890-05\05a-Chlordane(01-25-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

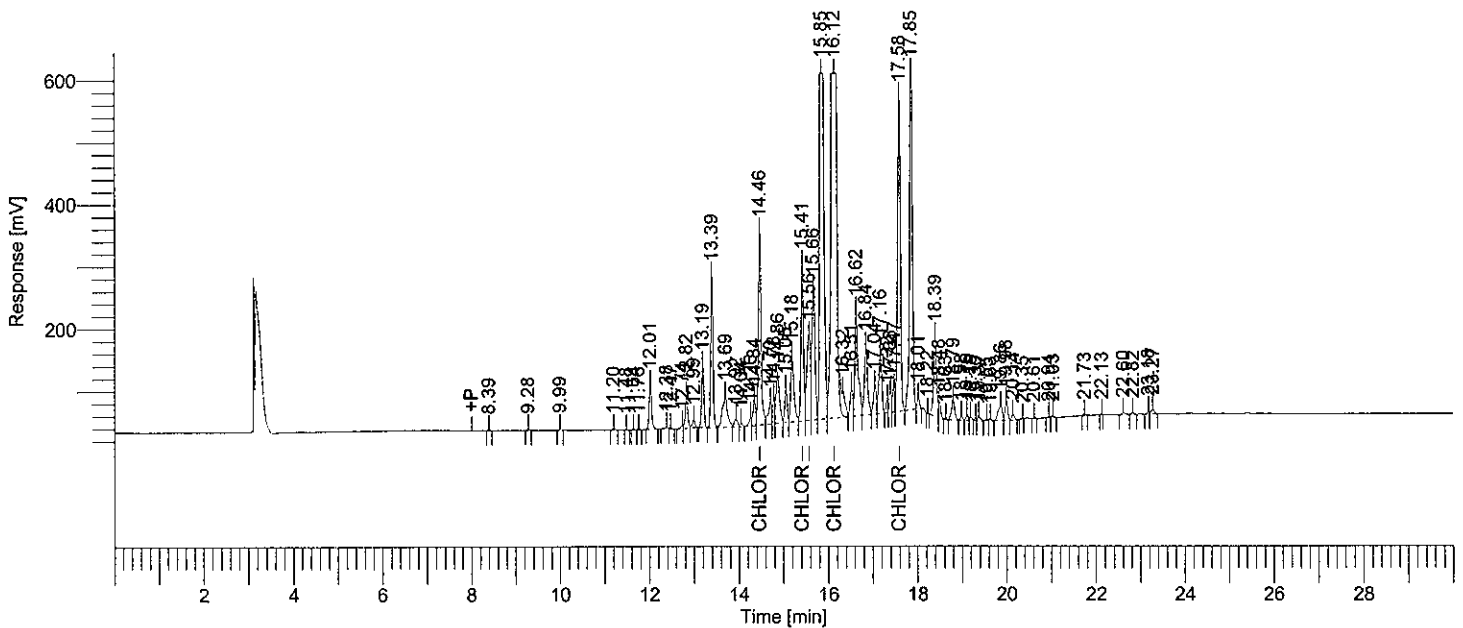
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	59174.00	13690.29	-----	-----	1
B	0.1000	123272.84	26447.92	-----	-----	1
C	0.5000	701068.81	154368.20	-----	-----	1
D	1.0000	1422010.62	318898.95	-----	-----	1
E	1.5000	2253629.96	504187.92	-----	-----	1

Calibration Curve : $y = (-34821.070363) + (1502622.725035)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.998858

Software Version : 6.2.1.0.104:0104 Date : 01/25/2008 11:25:51
 Reprocess Number : buf2048: 69578
 Operator : tchrom Sample Name : ICM11PH
 Sample Number : 1.5 Study : ICAL
 AutoSampler : BUJLT-IN Rack/Vial : 1/18
 Instrument Name : HP6890-05 Channel : A
 Instrument Serial # : CN10520009 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.98 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 01/24/2008 20:36:24 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5a02018.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a02018.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02018.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a02018.rst
 Calib Method : h:\turbo6\6890-05\05a-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5a02018.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-02.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.39	5103		B	0.00510	1664.64
2	9.28	7993		B	0.00799	2350.64
3	9.99	10913		B	0.01091	3212.57
4	11.20	8660		B	0.00866	2046.84
5	11.48	2761		B	0.00276	887.85
6	11.64	4565		B	0.00457	1366.67
7	11.76	2601		B	0.00260	871.42
8	12.01	279063		B	0.27906	71982.18
9	12.38	18173		B	0.01817	3162.95
10	12.47	7234		V	0.00723	1819.65
11	12.74	20877		B	0.02088	5587.68
12	12.82	197222		V	0.19722	50628.30
13	12.99	47804		V	0.04780	11520.44
14	13.19	360058		B	0.36006	99279.84
15	13.39	876994		B	0.87699	242439.42
16	13.69	388282		V	0.38828	49618.78

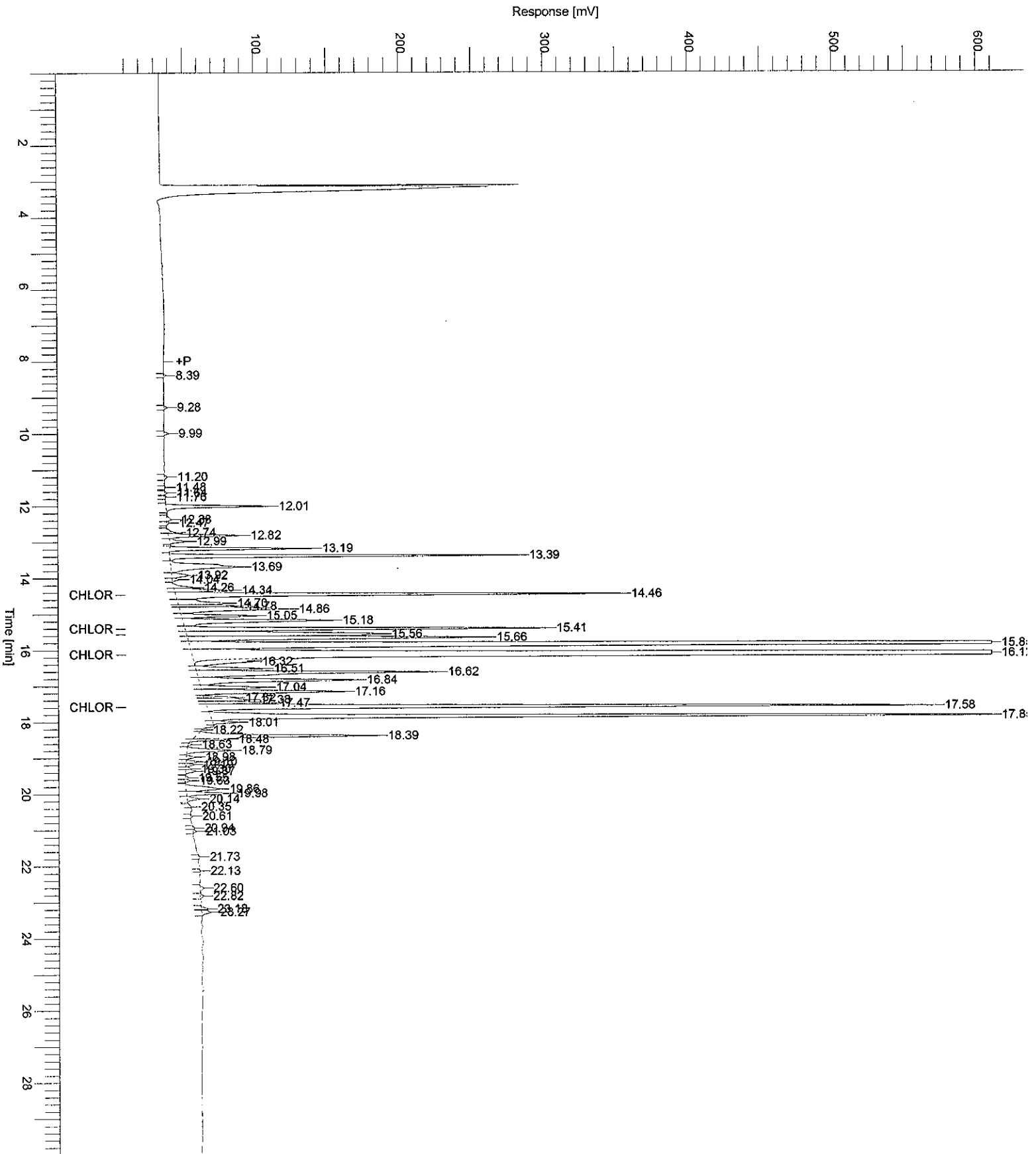
01/25/2008 11:25:51 Result: H:\TURBO6\6890-05\5a02018.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	13.92	65184		V	0.06518	11152.98
18	14.04	18565		V	0.01856	5090.81
19	14.26	55290		B	0.05529	14176.70
20	14.34	161721		V	0.16172	40336.82
22	14.70	192161		V	0.19216	34542.77
23	14.78	144733		V	0.14473	40468.29
24	14.86	434972		V	0.43497	76408.73
25	15.05	213229		V	0.21323	52661.48
26	15.18	530248		V	0.53025	104491.59
29	15.66	1024474		V	1.02447	207675.37
30	15.85	7434204		V	7.43420	1.71e+06
	16.12	19707761	CHLORDANE		1.50000	3.99e+06
32	16.32	345231		E	0.34523	38828.48
33	16.51	197551		V	0.19755	47867.83
34	16.62	860368		V	0.86037	167413.16
35	16.84	582138		V	0.58214	109748.28
36	17.04	205734		V	0.20573	45872.32
37	17.16	477549		V	0.47755	99386.71
38	17.32	71223		B	0.07122	22442.31
39	17.38	137447		V	0.13745	32162.70
40	17.47	162362		V	0.16236	44889.81
42	17.85	2637892		B	2.63789	615826.03
43	18.01	64784		V	0.06478	18306.23
44	18.22	2888		B	0.00289	1454.29
45	18.39	592266		B	0.59227	126533.86
46	18.48	82003		V	0.08200	25781.83
47	18.63	8501		B	0.00850	2800.09
48	18.79	160726		B	0.16073	31701.64
49	18.98	24511		B	0.02451	6338.00
50	19.10	34080		V	0.03408	7748.57
51	19.19	21064		V	0.02106	5200.13
52	19.30	12248		V	0.01225	3720.11
53	19.37	30861		V	0.03086	6653.21
54	19.55	9180		B	0.00918	2178.84
55	19.63	12604		V	0.01260	3251.08
56	19.86	159889		B	0.15989	23792.36
57	19.98	129465		V	0.12946	29130.67
58	20.14	40125		V	0.04013	8756.42
59	20.35	2381		B	0.00238	450.67
60	20.61	5055		B	0.00506	1483.67
61	20.94	5474		B	0.00547	1356.48
62	21.03	8892		V	0.00889	2145.97
63	21.73	4186		B	0.00419	1020.36
64	22.13	1129		B	0.00113	399.46
65	22.60	16656		B	0.01666	2691.88
66	22.82	11162		V	0.01116	2373.98
67	23.18	15965		B	0.01597	4538.72
68	23.27	34171		V	0.03417	6294.24
					21.18085	8.39e+06
					39388610	

Group Report For : CHLORDANE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
21	14.46	1336017	chlordan: A	V	1.50000	309058.77
27	15.41	976594	chlordan: B	V	1.50000	251045.93
28	15.56	835693	chlordan: C	V	1.50000	135627.56
31	16.12	14305827	chlordan: D	V	1.50000	2.79e+06
41	17.58	2253630	chlordan: E	V	1.50000	504187.92
					7.50000	3.99e+06
					19707761	

Sample Name : ICM11PH Sample #: 1.5 Page 1 of 1
FileName : H:\TURBO6\6890-05\5a02018.raw
Date : 01/25/2008 11:25:52
Method : 6890-Sins Time of Injection: 01/24/2008 20:36:24
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



```

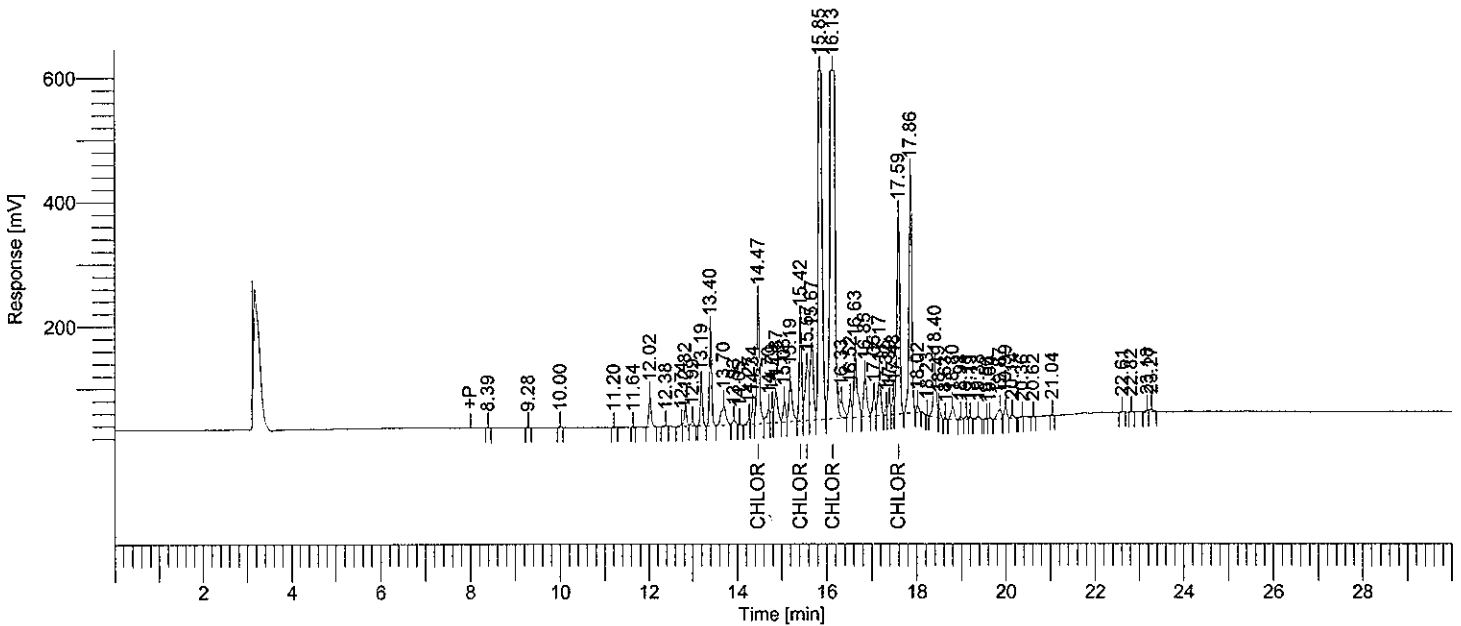
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69580
Operator          : tchrom
Sample Number     : 1.0
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 01/24/2008 21:12:40

Date              : 01/25/2008 11:25:59
Sample Name       : ICM11PG
Study            : ICAL
Rack/Vial        : 1/19
Channel          : A
A/D mV Range     : 1000
End Time         : 29.99 min

Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 2
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a02019.raw <Modified>
Result File   : H:\TURBO6\6890-05\5a02019.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02019.raw
Proc Method  : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a02019.rst
Calib Method : h:\turbo6\6890-05\05a-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5a02019.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.39	5231		B	0.00523	1781.20
2	9.28	5710		B	0.00571	1658.37
3	10.00	7684		B	0.00768	2228.74
4	11.20	5337		B	0.00534	1344.71
5	11.64	2872		B	0.00287	907.81
6	12.02	188466		B	0.18847	48571.15
7	12.38	8895		B	0.00890	1758.73
8	12.74	13361		B	0.01336	3586.29
9	12.82	131269		V	0.13127	33718.49
10	12.99	30681		V	0.03068	7373.29
11	13.19	231171		B	0.23117	63558.89
12	13.40	554648		B	0.55465	152368.89
13	13.70	258321		V	0.25832	33464.81
14	13.93	41684		V	0.04168	7085.70
15	14.05	12006		V	0.01201	3164.80
16	14.27	33807		B	0.03381	8945.80

01/25/2008 11:25:59 Result: H:\TURBO6\6890-05\5a02019.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	14.34	102829		V	0.10283	25333.10
19	14.70	121788		V	0.12179	22127.53
20	14.79	99055		V	0.09906	26477.43
21	14.87	274764		V	0.27476	48779.51
22	15.06	136496		V	0.13650	33461.86
23	15.19	336464		V	0.33646	65213.00
26	15.67	624599		V	0.62460	125076.35
27	15.85	4713491		V	4.71349	1.08e+06
	16.13	12562982	CHLORDANE		1.00000	2.54e+06
29	16.33	221413		E	0.22141	24762.52
30	16.52	125993		V	0.12599	30433.17
31	16.63	538784		V	0.53878	103256.18
32	16.85	358129		V	0.35813	66024.14
33	17.05	131815		V	0.13182	29299.04
34	17.17	297406		V	0.29741	61011.47
35	17.32	43522		B	0.04352	13831.39
36	17.39	86395		V	0.08639	20203.84
37	17.48	100116		V	0.10012	27702.89
39	17.86	1648081		V	1.64808	384002.92
40	18.02	40802		V	0.04080	11664.58
41	18.23	1912		B	0.00191	930.26
42	18.40	370459		B	0.37046	79009.56
43	18.49	52132		V	0.05213	15927.93
44	18.63	5019		B	0.00502	1666.57
45	18.80	102676		B	0.10268	19859.52
46	18.98	15794		B	0.01579	4157.66
47	19.11	21883		V	0.02188	5042.87
48	19.19	13172		V	0.01317	3195.24
49	19.38	26721		V	0.02672	4253.42
50	19.56	4996		B	0.00500	1283.22
51	19.64	7220		V	0.00722	1861.86
52	19.87	102705		B	0.10271	15055.36
53	19.99	80585		V	0.08058	17883.85
54	20.14	25692		V	0.02569	5548.61
55	20.36	2664		B	0.00266	362.54
56	20.62	2968		B	0.00297	849.94
57	21.04	3224		B	0.00322	1043.64
58	22.61	6364		B	0.00636	1336.08
59	22.82	5006		B	0.00501	1269.18
60	23.18	13482		B	0.01348	3050.59
61	23.27	23534		V	0.02353	4117.28
		24984276			13.42129	5.30e+06

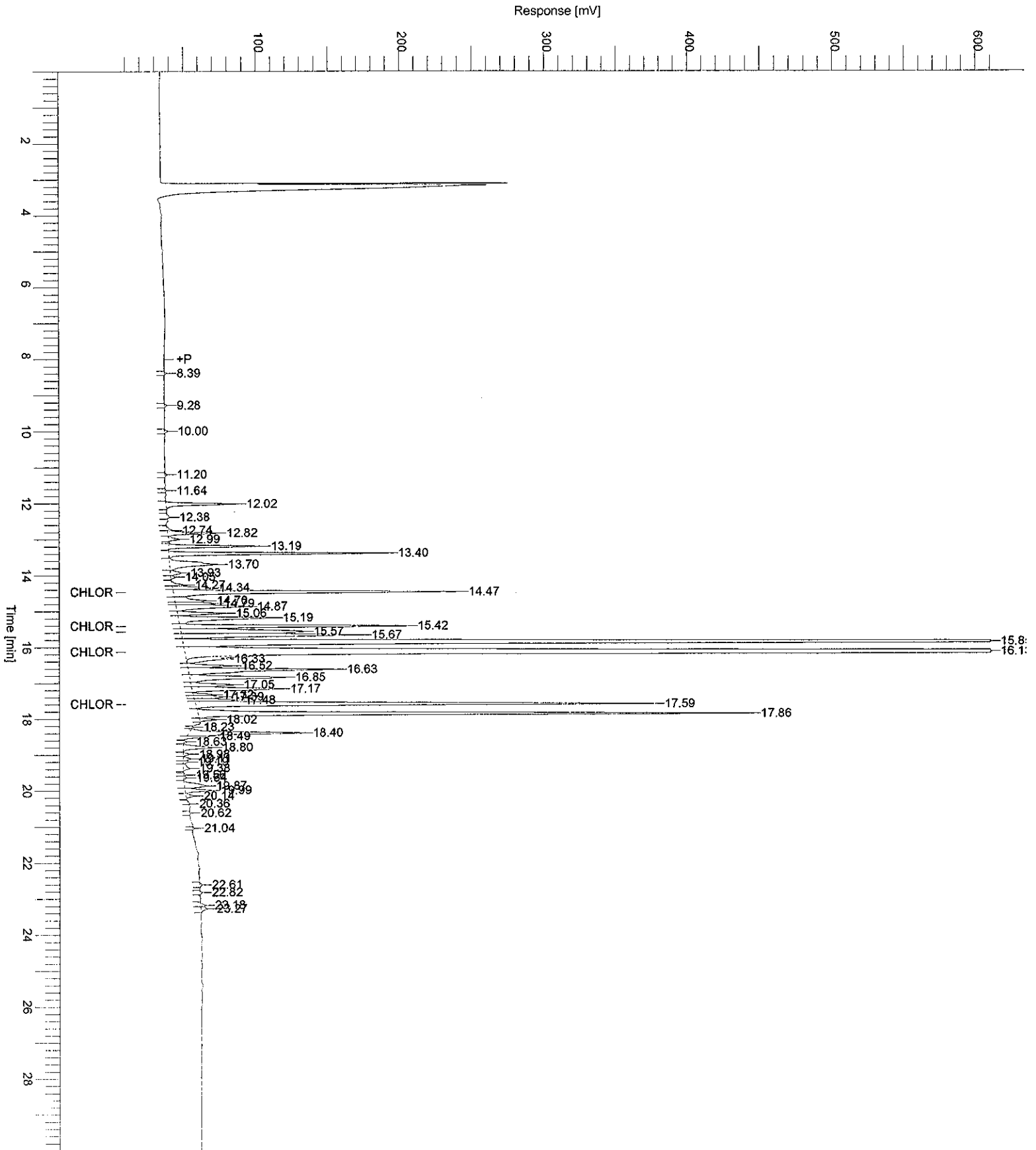
Group Report For : CHLORDANE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	14.47	862641	chlordan: A	V	1.00000	198005.63
24	15.42	617239	chlordan: B	V	1.00000	158325.82
25	15.57	529985	chlordan: C	V	1.00000	84898.18
28	16.13	9131106	chlordan:D	V	1.00000	1.78e+06
38	17.59	1422011	chlordan:E	V	1.00000	318898.95
		12562982			5.00000	2.54e+06

Chromatogram

1842/4151

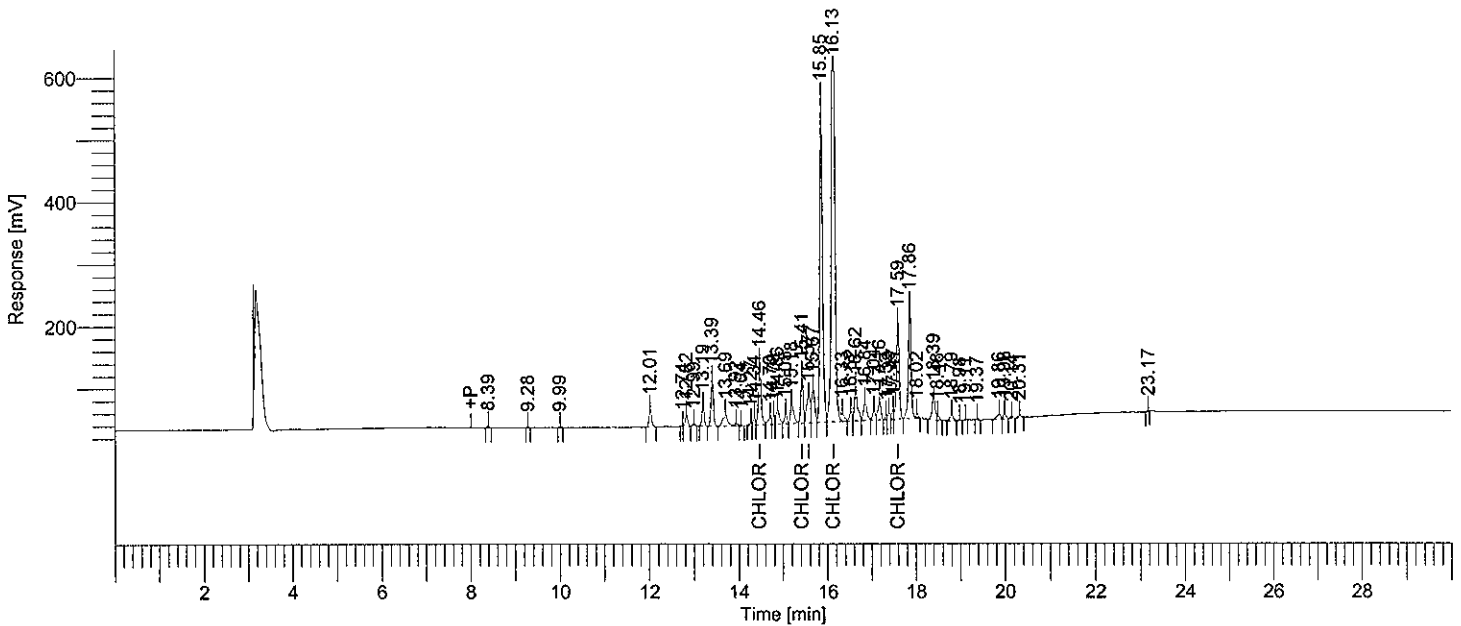
Sample Name : ICM11PG Sample #: 1.0 Page 1 of 1
File Name : H:\TURBO6\6890-05\5a02019.raw
Date : 01/25/2008 11:26:01
Method : 6890-5ins Time of Injection: 01/24/2008 21:12:40
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 69582
 Operator : tchrom
 Sample Number : 0.5
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 01/24/2008 21:48:48

Date : 01/25/2008 11:26:07
 Sample Name : ICM11PF
 Study : ICAL
 Rack/Vial : 1/20
 Channel : A
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5a02020.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a02020.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02020.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a02020.rst
 Calib Method : h:\turbo6\6890-05\05a-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5a02020.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-02.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.39	7865		B	0.00786	2593.28
2	9.28	2728		B	0.00273	885.49
3	9.99	4230		B	0.00423	1271.75
4	12.01	104925		B	0.10493	27155.30
5	12.74	3088		B	0.00309	1344.21
6	12.82	68667		V	0.06867	18086.90
7	12.99	14171		V	0.01417	3503.65
8	13.19	116326		B	0.11633	31580.91
9	13.39	272399		B	0.27240	74132.55
10	13.69	142404		V	0.14240	18892.05
11	13.92	19929		E	0.01993	3432.77
12	14.04	6334		V	0.00633	1674.89
13	14.27	12944		B	0.01294	3873.56
14	14.34	47358		V	0.04736	12091.19
16	14.70	57221		V	0.05722	10804.90
17	14.78	51324		V	0.05132	13643.77

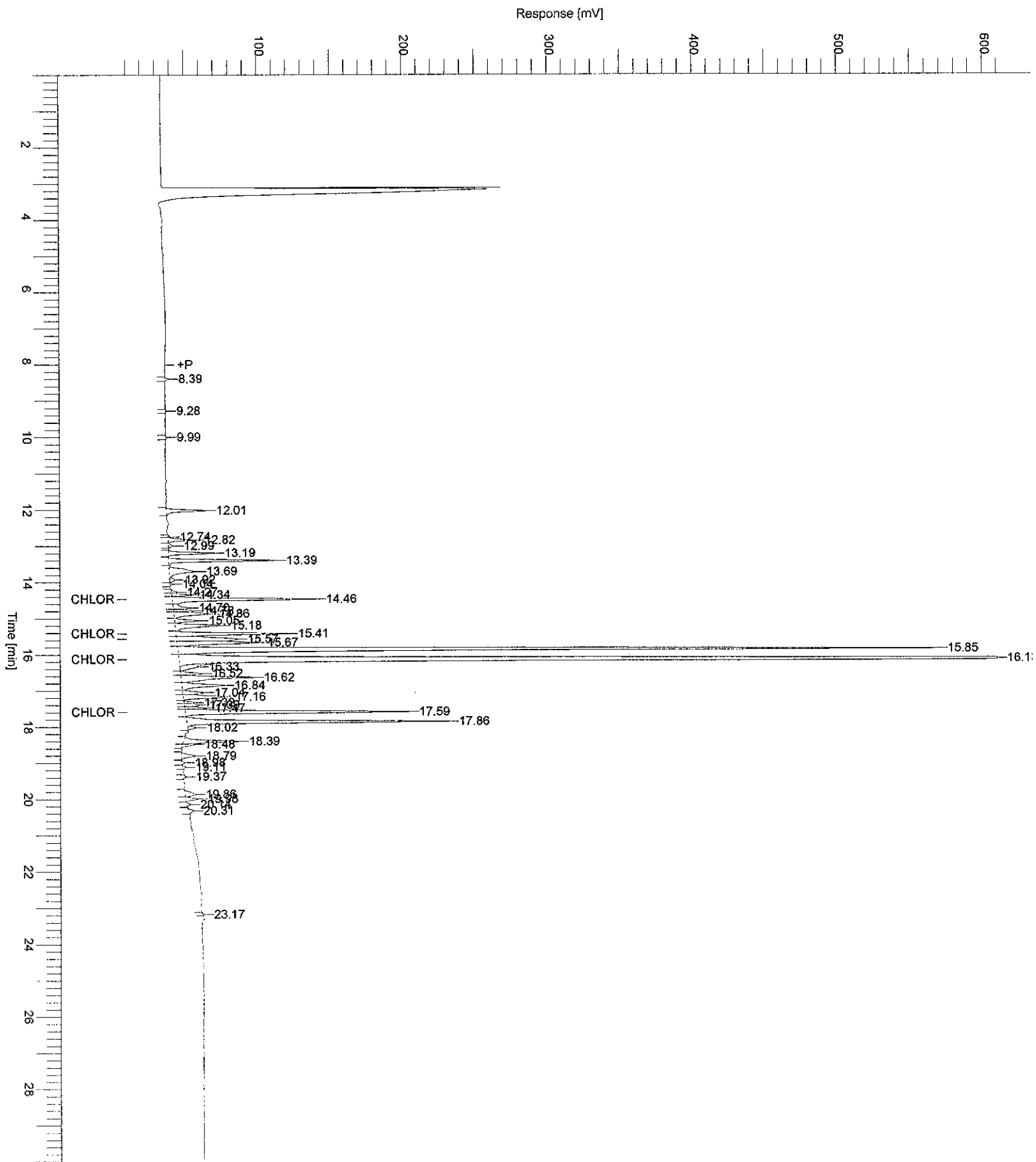
01/25/2008 11:26:07 Result: H:\TURBO6\6890-05\5a02020.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [μV]
18	14.86	134850		V	0.13485	23996.28
19	15.05	66344		V	0.06634	16566.48
20	15.18	163324		V	0.16332	31481.39
23	15.67	276706		V	0.27671	55202.44
24	15.85	2288466		V	2.28847	523638.19
	16.13	6155886	CHLORDANE		0.50000	1.25e+06
26	16.33	108156		E	0.10816	12140.71
27	16.52	61411		V	0.06141	14667.07
28	16.62	262668		V	0.26267	50010.54
29	16.84	164155		V	0.16415	29105.00
30	17.04	67338		V	0.06734	14888.31
31	17.16	141652		V	0.14165	28780.77
32	17.32	21768		B	0.02177	6980.33
33	17.39	44215		V	0.04421	10074.46
34	17.47	48517		V	0.04852	13709.99
36	17.86	794467		V	0.79447	181034.51
37	18.02	22731		E	0.02273	6263.28
38	18.39	179172		B	0.17917	38224.12
39	18.48	27220		V	0.02722	8131.59
40	18.79	51141		B	0.05114	9909.66
41	18.98	7009		B	0.00701	1901.61
42	19.11	5662		B	0.00566	1644.73
43	19.37	5703		B	0.00570	1526.14
44	19.86	49352		B	0.04935	7423.84
45	19.98	36239		V	0.03624	8292.89
46	20.14	11158		V	0.01116	2577.67
47	20.31	15838		B	0.01584	3232.37
48	23.17	1844		B	0.00184	563.12
					6.48902	2.58e+06
		12144903				

Group Report For : CHLORDANE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [μV]
15	14.46	431182	chlordan: A	V	0.50000	99127.20
21	15.41	302430	chlordan: B	V	0.50000	77008.71
22	15.57	267559	chlordan: C	V	0.50000	41795.96
25	16.13	4453648	chlordan:D	V	0.50000	880539.14
35	17.59	701069	chlordan:E	V	0.50000	154368.20
					2.50000	1.25e+06
		6155886				

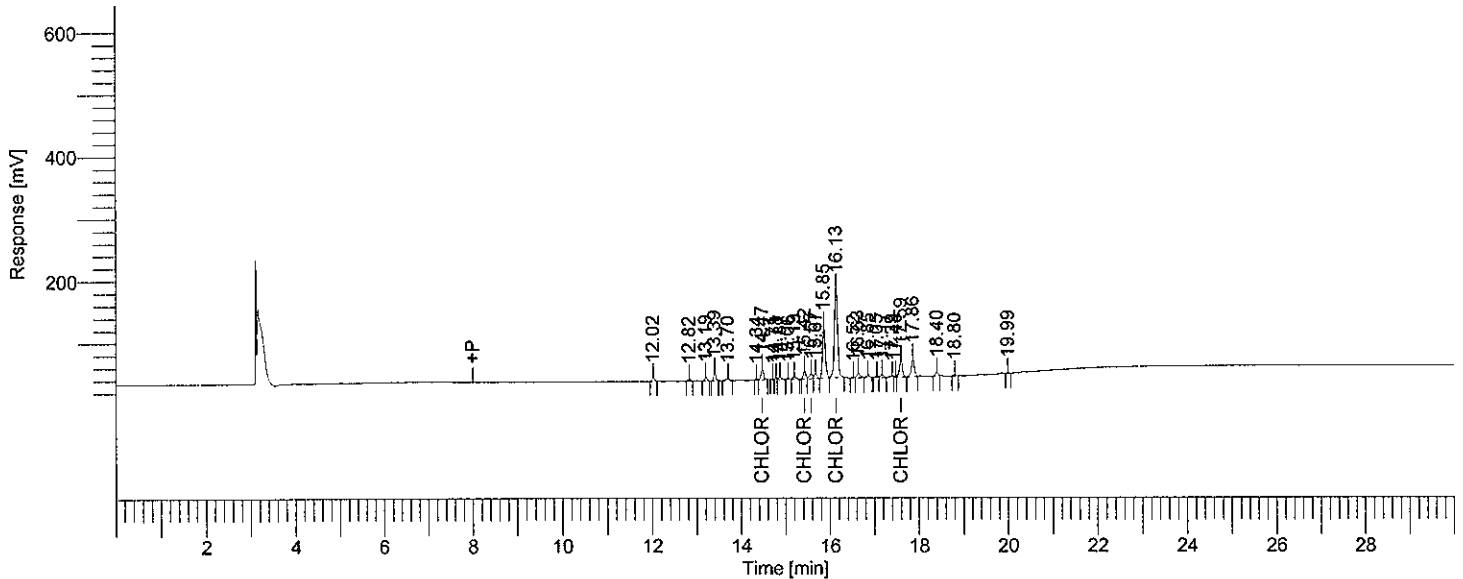
Sample Name : ICM11PF Sample #: 0.5 Page 1 of 1
FileName : H:\TURBO6\6890-05\5a02020.raw
Date : 01/25/2008 11:26:09
Method : 6890-5ins Time of Injection: 01/24/2008 21:48:48
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 69584
 Operator : tchrom
 Sample Number : 0.1
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 01/24/2008 22:25:35

Date : 01/25/2008 11:26:15
 Sample Name : ICM11PG DF10
 Study : ICAL
 Rack/Vial : 1/21
 Channel : A
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 4

Raw Data File : H:\TURBO6\6890-05\5a02021.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a02021.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02021.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a02021.rst
 Calib Method : h:\turbo6\6890-05\05a-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5a02021.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-02.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	12.02	20214		B	0.02021	5392.70
2	12.82	11737		B	0.01174	3330.48
3	13.19	21009		B	0.02101	5645.97
4	13.39	46757		B	0.04676	12950.31
5	13.70	21592		B	0.02159	3575.84
6	14.34	4472		B	0.00447	1416.81
8	14.71	3767		B	0.00377	1198.48
9	14.78	7629		V	0.00763	2030.91
10	14.87	19676		V	0.01968	3856.88
11	15.06	9294		B	0.00929	2599.10
12	15.19	23166		B	0.02317	4893.08
15	15.67	34976		V	0.03498	7261.21
16	15.85	366043		B	0.36604	83159.35
	16.13	1015154	CHLORDANE		0.10000	207389.23
18	16.52	7750		B	0.00775	2044.80
19	16.63	41647		V	0.04165	8291.04

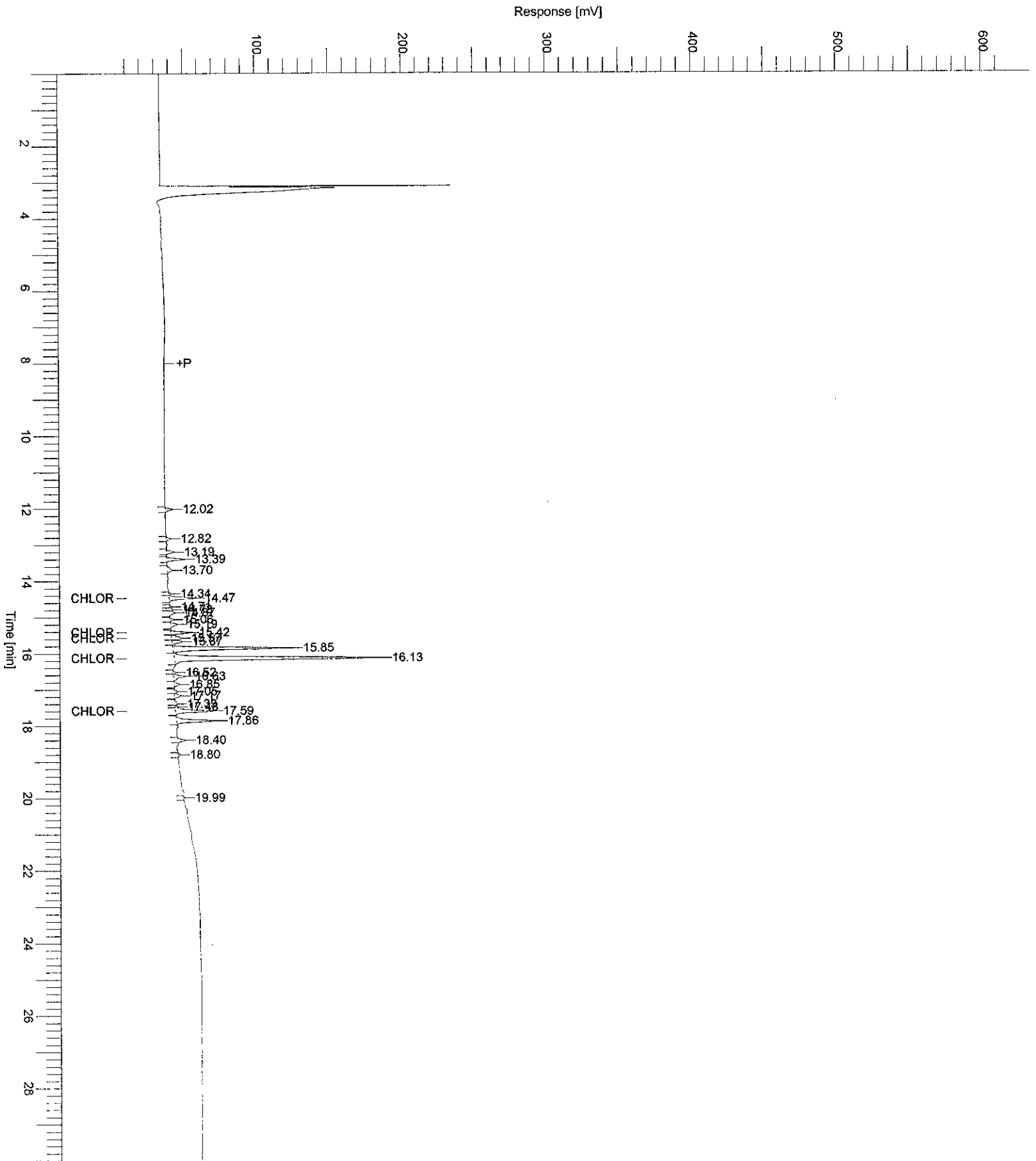
01/25/2008 11:26:15 Result: H:\TURBO6\6890-05\5a02021.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
20	16.85	18914		V	0.01891	3873.10
21	17.05	9632		B	0.00963	2293.93
22	17.17	22609		V	0.02261	4642.24
23	17.39	9552		B	0.00955	1508.93
24	17.48	7501		V	0.00750	2231.40
26	17.86	128071		B	0.12807	28969.33
27	18.40	21640		B	0.02164	5596.14
28	18.80	6338		B	0.00634	1481.64
29	19.99	3387		B	0.00339	985.79
					0.96737	406618.69
		1882528				

Group Report For : CHLORDANE

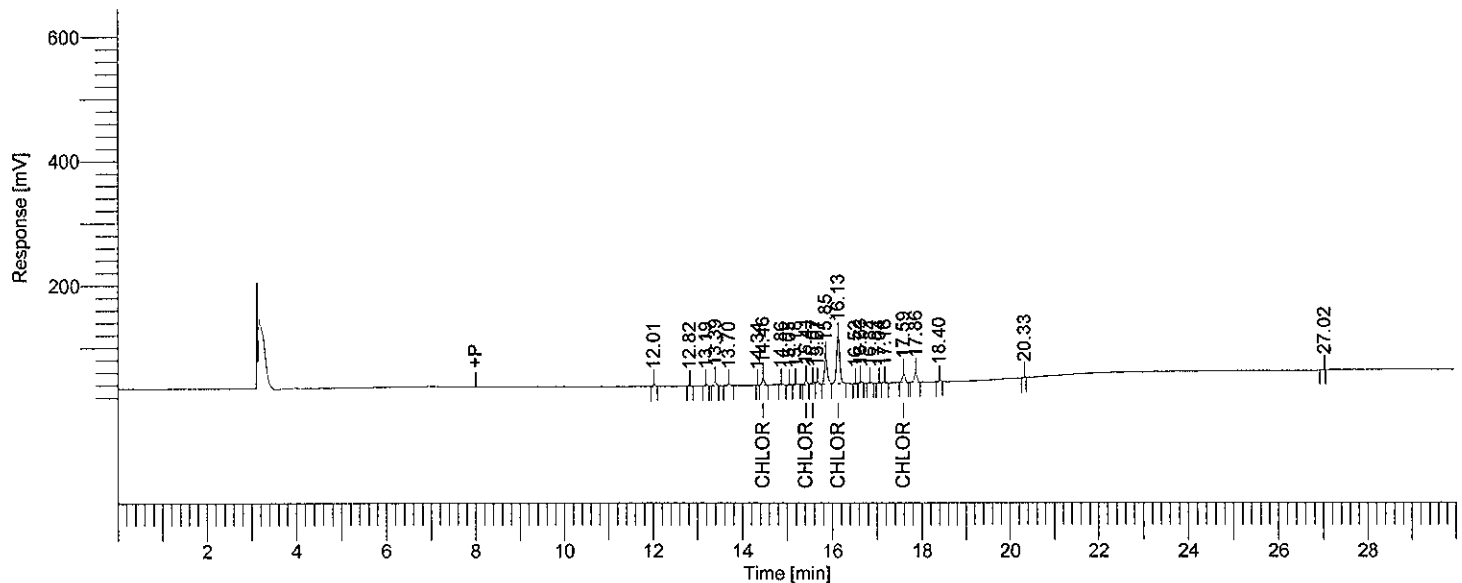
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
7	14.47	73740	chlordan: A	V	0.10000	18182.45
13	15.42	49345	chlordan: B	B	0.10000	12960.25
14	15.57	42677	chlordan: C	V	0.10000	6755.47
17	16.13	726119	chlordan: D	V	0.10000	143043.14
25	17.59	123273	chlordan: E	V	0.10000	26447.92
					0.50000	207389.23
		1015154				

Sample Name : ICM11PG DF10 Sample #: 0.1 Page 1 of 1
FileName : H:\TURBO6\6890-05\5a02021.raw
Date : 01/25/2008 11:26:16
Method : 6890-5ins Time of Injection: 01/24/2008 22:25:35
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 01/25/2008 11:26:22
Reprocess Number	: buf2048: 69586	Sample Name	: ICM11PF DF10
Operator	: tchrom	Study	: ICAL
Sample Number	: 0.05	Rack/Vial	: 1/22
AutoSampler	: BUILT-IN	Channel	: A
Instrument Name	: HP6890-05	A/D mV Range	: 1000
Instrument Serial #	: CN10520009	End Time	: 29.95 min
Delay Time	: 0.00 min	Area Reject	: 1000.000000
Sampling Rate	: 5.0000 pts/s	Dilution Factor	: 1.00
Sample Volume	: 1.000000 ul	Cycle	: 5
Sample Amount	: 1.0000		
Data Acquisition Time	: 01/24/2008 23:01:44		

Raw Data File : H:\TURBO6\6890-05\5a02022.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a02022.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02022.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a02022.rst
 Calib Method : h:\turbo6\6890-05\05a-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5a02022.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-02.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	12.01	11776		B	0.01178	3161.41
2	12.82	6786		B	0.00679	1926.64
3	13.19	11150		B	0.01115	3056.03
4	13.39	24913		B	0.02491	6767.47
5	13.70	14997		B	0.01500	2403.51
6	14.34	1918		B	0.00192	685.82
8	14.86	5775		B	0.00578	1436.18
9	15.05	4771		B	0.00477	1342.34
10	15.18	11921		B	0.01192	2543.65
13	15.67	16336		V	0.01634	3373.22
14	15.85	194849		B	0.19485	43810.28
	16.13	529860	CHLORDANE		0.05000	108725.55
16	16.52	2536		B	0.00254	797.73
17	16.63	11976		B	0.01198	3443.74
18	16.84	7593		B	0.00759	1571.08
19	17.04	5079		B	0.00508	1205.61

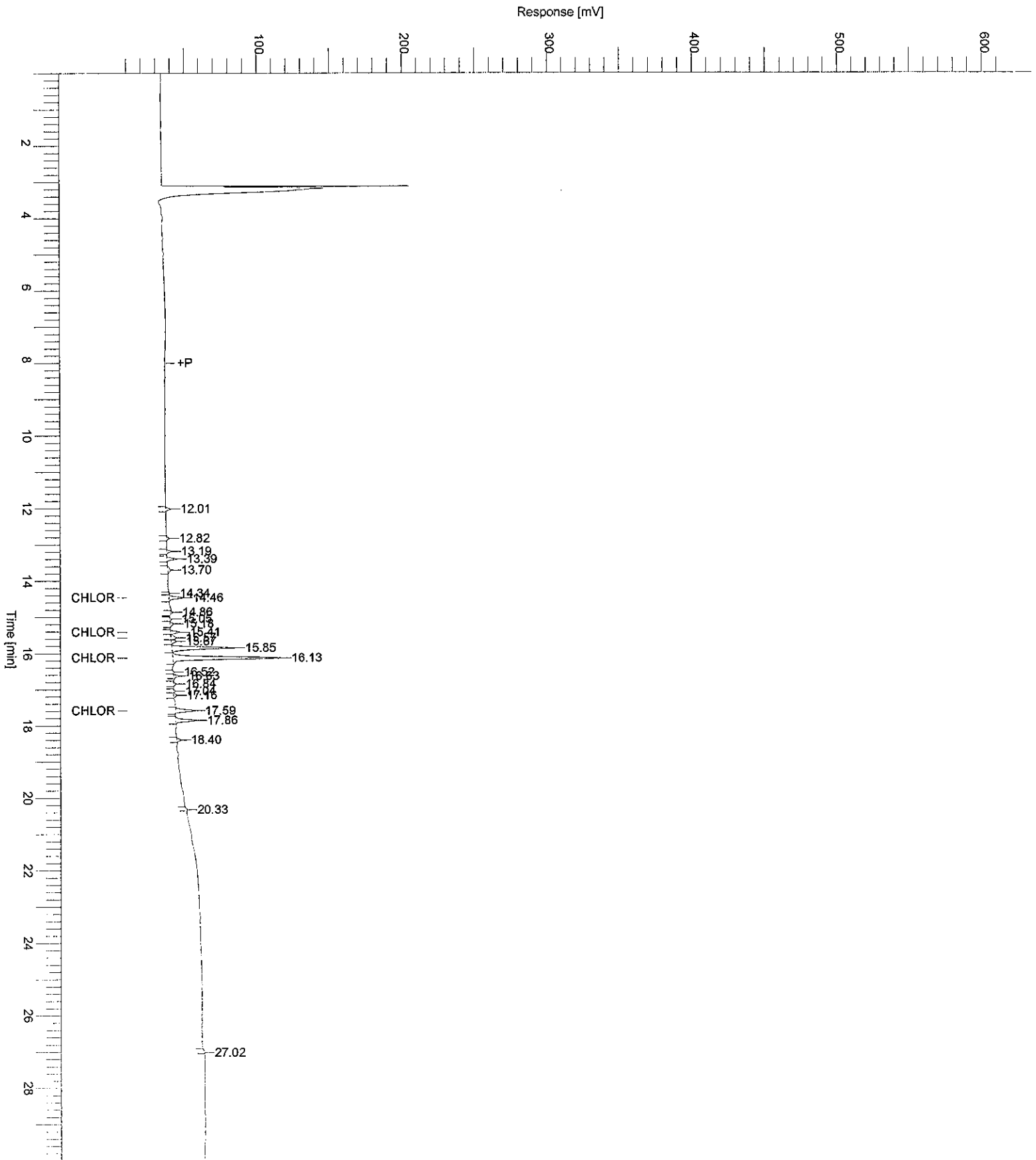
01/25/2008 11:26:22 Result: H:\TURBO6\6890-05\5a02022.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
20	17.16	10981		V	0.01098	2234.61
22	17.86	65505		B	0.06550	14974.69
23	18.40	10532		B	0.01053	2785.37
24	20.33	2526		B	0.00253	636.38
25	27.02	2031		B	0.00203	271.95
		953811			0.47395	207153.25

Group Report For : CHLORDANE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
7	14.46	38926	chlordan: A	V	0.05000	9763.19
11	15.41	25688	chlordan: B	B	0.05000	6731.17
12	15.57	23095	chlordan: C	V	0.05000	3505.64
15	16.13	382977	chlordan:D	V	0.05000	75035.26
21	17.59	59174	chlordan:E	B	0.05000	13690.29
		529860			0.25000	108725.55

Sample Name : ICM11PF DF10 Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-05\5a02022.raw
Date : 01/25/2008 11:26:23
Method : 6890-5ins Time of Injection: 01/24/2008 23:01:44
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



```

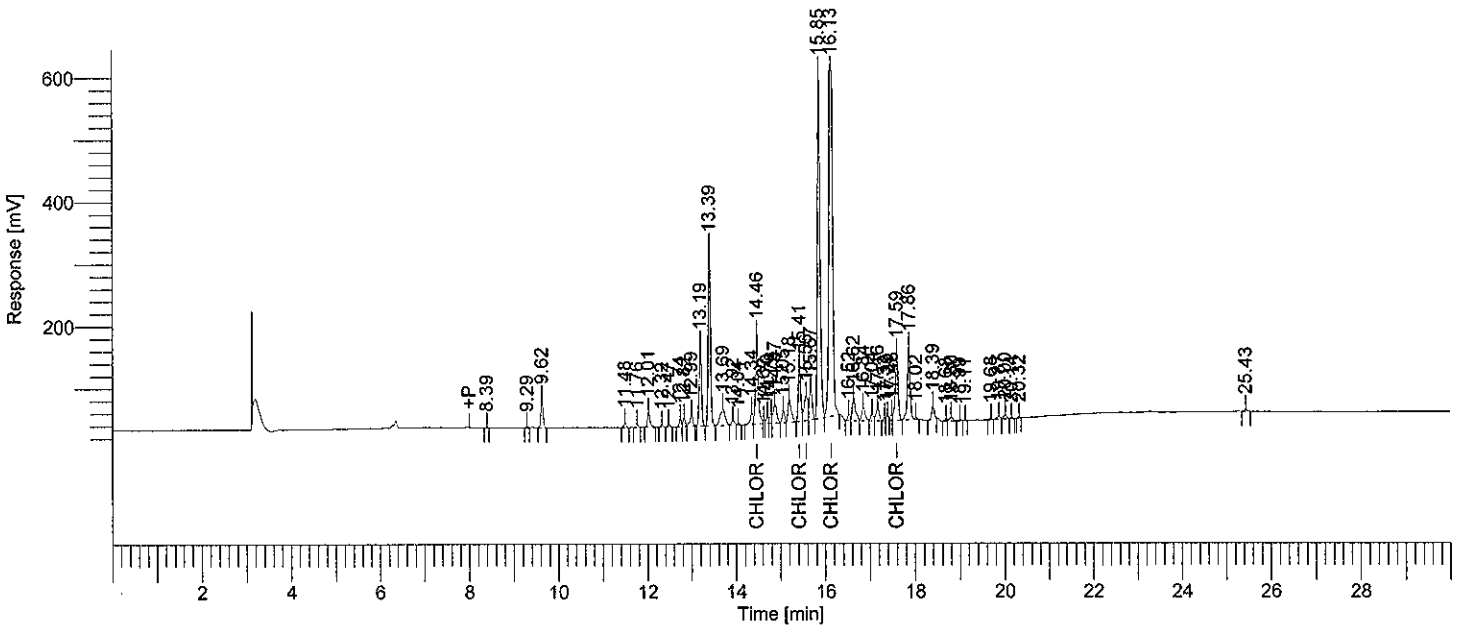
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69588
Operator          : tchrom
Sample Number     : 0.5
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 01/24/2008 23:37:59

Date              : 01/25/2008 11:32:36
Sample Name      : ACM11JB
Study            : 2ND SOURCE
Rack/Vial        : 1/23
Channel          : A
A/D mV Range     : 1000
End Time         : 29.99 min

Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a02023.raw <Modified>
Result File   : H:\TURBO6\6890-05\5a02023.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02023.raw
Proc Method  : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a02023.rst
Calib Method : h:\turbo6\6890-05\05a-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5a02023.rst
Report Format File: h:\turbo6\6890-05\05pcb%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



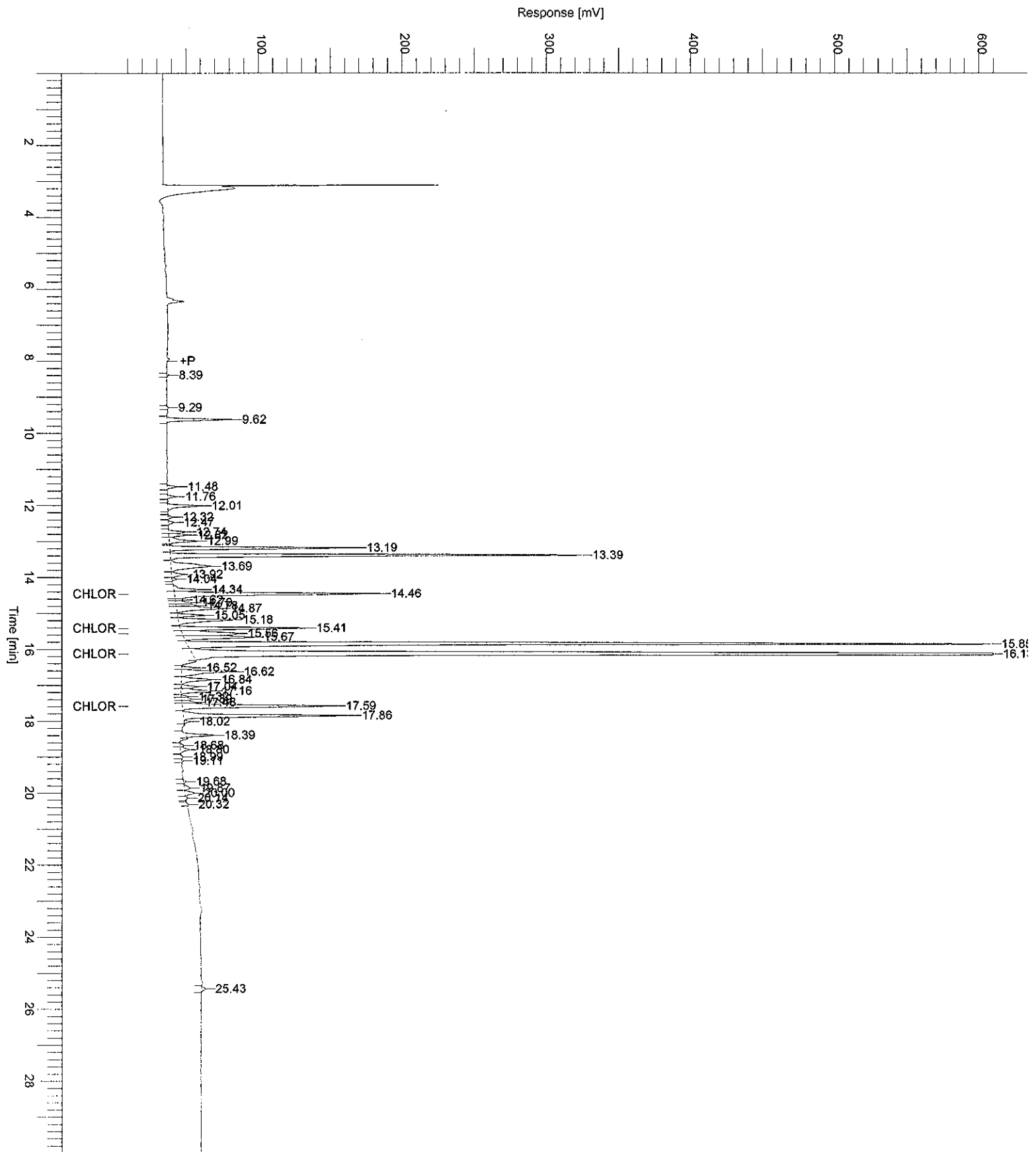
HP6890-05 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	INITIAL CAL FACTOR	CONTINUING CAL FACTOR	%D 0.5ng	# of Peaks
16.13	5707361	CHLORDANE	0.45656	1.3e+07	1.1e+07	-8.7	5
	5707361		0.45656			-8.7	

Group Report For : CHLORDANE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	INITIAL CAL FACTOR	CONTINUING CAL FACTOR	%D 0.5ng	# of Peaks
14.46	635672	chlordane: A	0.72767	873576.4	1.3e+06	45.5	0
15.41	332753	chlordane: B	0.53580	621043.3	665505.4	7.2	0
15.56	241251	chlordane: C	0.45333	532176.0	482501.5	-9.3	0
16.13	4009474	chlordane: D	0.44311	9.0e+06	8.0e+06	-11.4	0
17.59	488211	chlordane: E	0.34808	1.4e+06	976421.8	-30.4	0
	5707361		2.50798			1.6	

Sample Name : ACM11JB
File Name : H:\TURBO6\6890-05\5a02023.raw
Date : 01/25/2008 11:32:38
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample #: 0.5
Page 1 of 1
Time of Injection: 01/24/2008 23:37:59
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Scale: 600.0 mV



TotalChrom Method File H:\TURBO6\6890-05\05B-Chlordane(01-25-08).mth
 Printed by : NearyM on: 01/25/2008 11:30:50
 Created by : NearyM on: 01/25/2008 11:19:46
 Edited by : NearyM on: 01/25/2008 11:30:46
 Number of Times Edited : 1
 Number of Times Calibrated : 1812
 Description: CURVE 02-12-07

Processed by: MAN 1/25/08
 Reviewed by: RSB 2/11/08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

CHLORDANE

Component Type : Named Group
 Group Members
 chlordanes: A
 chlordanes: B
 chlordanes: C
 chlordanes: D
 chlordanes: E

Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	617341.91	144323.80	-----	-----	1
B	0.1000	1190678.49	272273.47	-----	-----	1
C	0.5000	6837473.54	1.61e+06	-----	-----	1
D	1.0000	13891913.83	3.27e+06	-----	-----	1
E	1.5000	21799823.78	5.13e+06	-----	-----	1

Calibration Curve : $y = (-297184.027941) + (14547032.285793)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999197

chlordanes: A

Component Type : Single Peak Component
 Retention Time : 17.650 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

01/25/2008 11:30:50 Method: H:\TURBO6\6890-05\05B-Chlordane(01-25-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	165425.36	39776.59	-----	-----	1
b	0.1000	315190.65	75419.24	-----	-----	1
c	0.5000	1853303.85	454688.41	-----	-----	1
d	1.0000	3778175.65	930154.13	-----	-----	1
e	1.5000	5939941.31	1.46e+06	-----	-----	1

Calibration Curve : $y = (-88873.007733) + (3967111.702049)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999127

chlordan: B

Component Type : Single Peak Component
 Retention Time : 17.860 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	201571.83	46071.37	-----	-----	1
b	0.1000	386320.77	86192.28	-----	-----	1
c	0.5000	2236419.34	508190.28	-----	-----	1
d	1.0000	4537973.03	1.03e+06	-----	-----	1
e	1.5000	7100658.55	1.61e+06	-----	-----	1

Calibration Curve : $y = (-94232.546528) + (4740986.111129)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999305

chlordan: C

Component Type : Single Peak Component
 Retention Time : 17.980 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

01/25/2008 11:30:50 Method: H:\TURBO6\6890-05\05B-Chlordane(01-25-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	144400.91	34514.76	-----	-----	1
b	0.1000	267951.98	64579.26	-----	-----	1
C	0.5000	1547666.59	377823.42	-----	-----	1
D	1.0000	3132549.52	764369.99	-----	-----	1
E	1.5000	4892817.57	1.19e+06	-----	-----	1

Calibration Curve : $y = (-59835.938545) + (3264941.673732)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999348

chlordane:D

Component Type : Single Peak Component
 Retention Time : 19.600 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	51496.20	12288.66	-----	-----	1
B	0.1000	114046.77	23767.45	-----	-----	1
C	0.5000	587839.43	134241.81	-----	-----	1
D	1.0000	1182521.94	272158.25	-----	-----	1
E	1.5000	1854283.65	429619.69	-----	-----	1

Calibration Curve : $y = (-18754.128151) + (1233002.741109)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999216

chlordane:E

Component Type : Single Peak Component
 Retention Time : 20.020 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

01/25/2008 11:30:50 Method: H:\TURBO6\6890-05\05B-Chlordane(01-25-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

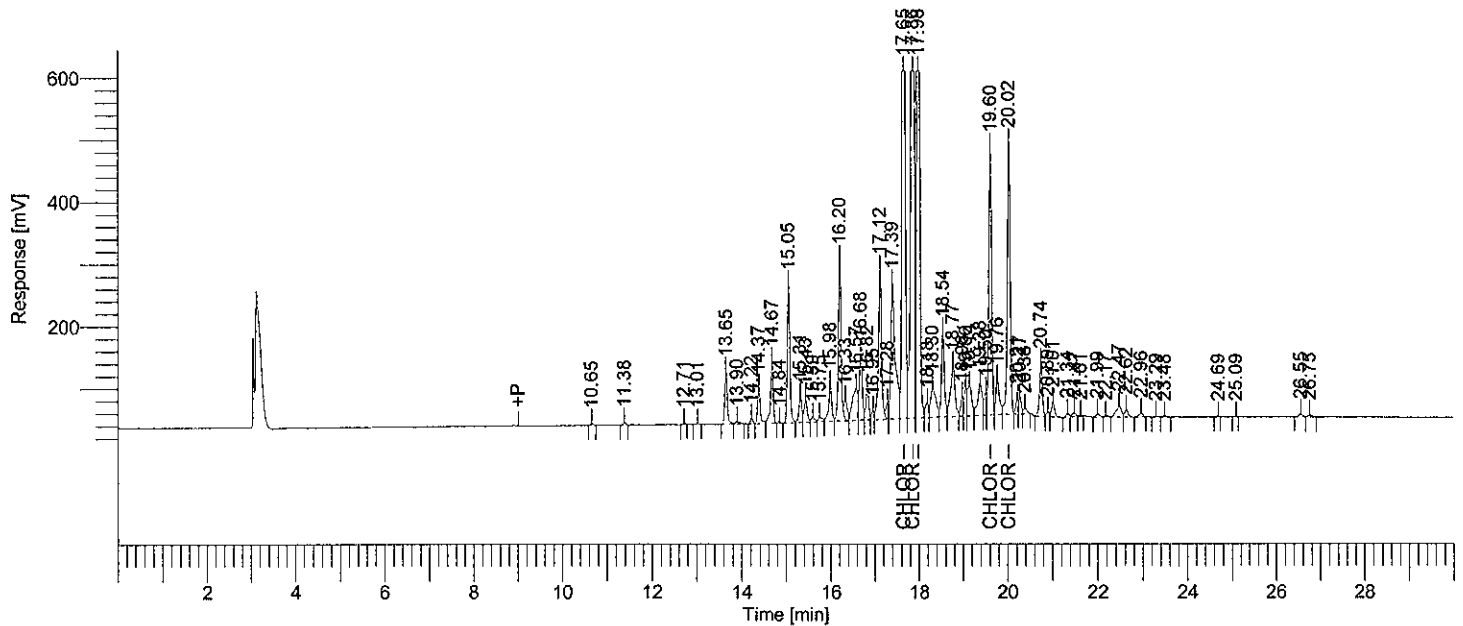
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	54447.61	11672.41	-----	-----	1
B	0.1000	107168.33	22315.24	-----	-----	1
C	0.5000	612244.33	132842.70	-----	-----	1
D	1.0000	1260693.69	275988.03	-----	-----	1
E	1.5000	2012122.69	435470.70	-----	-----	1

Calibration Curve : $y = (-35488.406984) + (1340990.057775)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.998391

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 69579
 Operator : tchrom
 Sample Number : 1.5
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 01/24/2008 20:36:24

Date : 01/25/2008 11:25:55
 Sample Name : ICM11PH
 Study : ICAL
 Rack/Vial : 1/18
 Channel : B
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5b02018.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b02018.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02018.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b02018.rst
 Calib Method : h:\turbo6\6890-05\05b-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5b02018.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-02.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	10.65	9433		B	0.00943	2735.26
2	11.38	13345		B	0.01335	3773.36
3	12.71	7635		B	0.00763	2149.69
4	13.01	7419		B	0.00742	1506.66
5	13.65	335366		B	0.33537	84268.71
6	13.90	24029		V	0.02403	3540.90
7	14.22	29583		B	0.02958	8143.47
8	14.37	245780		V	0.24578	57071.03
9	14.67	426452		V	0.42645	98736.90
10	14.84	8172		V	0.00817	2139.37
11	15.05	881516		B	0.88152	221054.87
12	15.31	182144		V	0.18214	42181.74
13	15.43	186722		V	0.18672	34999.07
14	15.59	41740		V	0.04174	7604.29
15	15.75	48278		V	0.04828	6951.35
16	15.98	288233		V	0.28823	58796.71

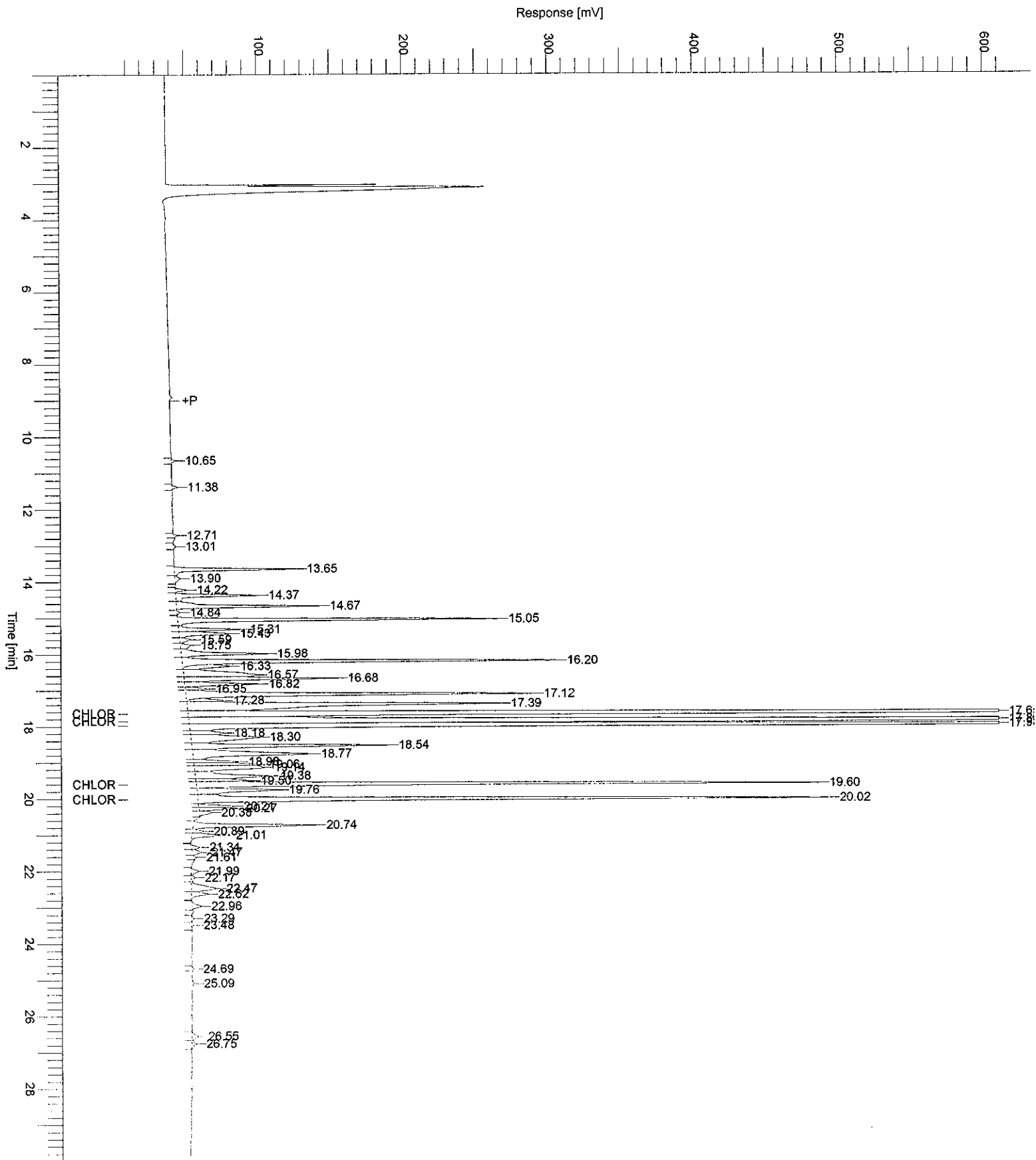
01/25/2008 11:25:55 Result: H:\TURBO6\6890-05\5b02018.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	16.20	1155779		V	1.15578	258447.10
18	16.33	156613		E	0.15661	29643.87
19	16.57	441239		V	0.44124	50680.77
20	16.68	493598		V	0.49360	105840.90
21	16.82	236894		V	0.23689	50731.39
22	16.95	61487		V	0.06149	13982.20
23	17.12	1174161		V	1.17416	239741.15
24	17.28	93516		E	0.09352	24637.86
25	17.39	1506918		V	1.50692	216079.35
	17.86	21799824	CHLORDANE		1.50000	5.13e+06
29	18.18	126515		V	0.12652	23006.82
30	18.30	405860		V	0.40586	47276.69
31	18.54	628647		V	0.62865	135527.70
32	18.77	589312		V	0.58931	81354.77
33	18.98	121542		V	0.12154	30768.04
34	19.06	189255		V	0.18925	44763.53
35	19.14	330808		V	0.33081	47824.12
36	19.38	353818		V	0.35382	51423.12
37	19.50	146392		V	0.14639	37564.97
39	19.76	331663		V	0.33166	56328.67
41	20.21	93710		V	0.09371	23955.28
42	20.27	107674		V	0.10767	25565.52
43	20.38	44181		V	0.04418	8007.19
44	20.74	389473		B	0.38947	84823.21
45	20.89	33896		V	0.03390	7732.23
46	21.01	117647		V	0.11765	23375.12
47	21.34	25078		B	0.02508	5410.37
48	21.47	35579		V	0.03558	5943.08
49	21.61	7008		V	0.00701	1774.80
50	21.99	32672		B	0.03267	5168.25
51	22.17	17166		V	0.01717	2402.07
52	22.47	147150		V	0.14715	17267.93
53	22.62	62867		V	0.06287	11364.25
54	22.96	36230		B	0.03623	6125.95
55	23.29	7657		B	0.00766	1355.96
56	23.48	7813		V	0.00781	1158.80
57	24.69	2205		B	0.00220	433.17
58	25.09	2585		B	0.00258	547.09
59	26.55	30016		B	0.03002	4111.81
60	26.75	21105		V	0.02111	2988.50
		34301403			14.00158	7.55e+06

Group Report For : CHLORDANE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
26	17.65	5939941	chlordan: A	V	1.50000	1.46e+06
27	17.86	7100659	chlordan: B	V	1.50000	1.61e+06
28	17.98	4892818	chlordan: C	V	1.50000	1.19e+06
38	19.60	1854284	chlordan:D	V	1.50000	429619.69
40	20.02	2012123	chlordan:E	V	1.50000	435470.70
		21799824			7.50000	5.13e+06

Sample Name : ICM11PH
File Name : H:\TURBO6\6890-05\5b02018.raw
Date : 01/25/2008 11:25:57
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 10.00 mV
Sample #: 1.5
Page 1 of 1
Time of Injection: 01/24/2008 20:36:24
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Scale: 600.0 mV



```

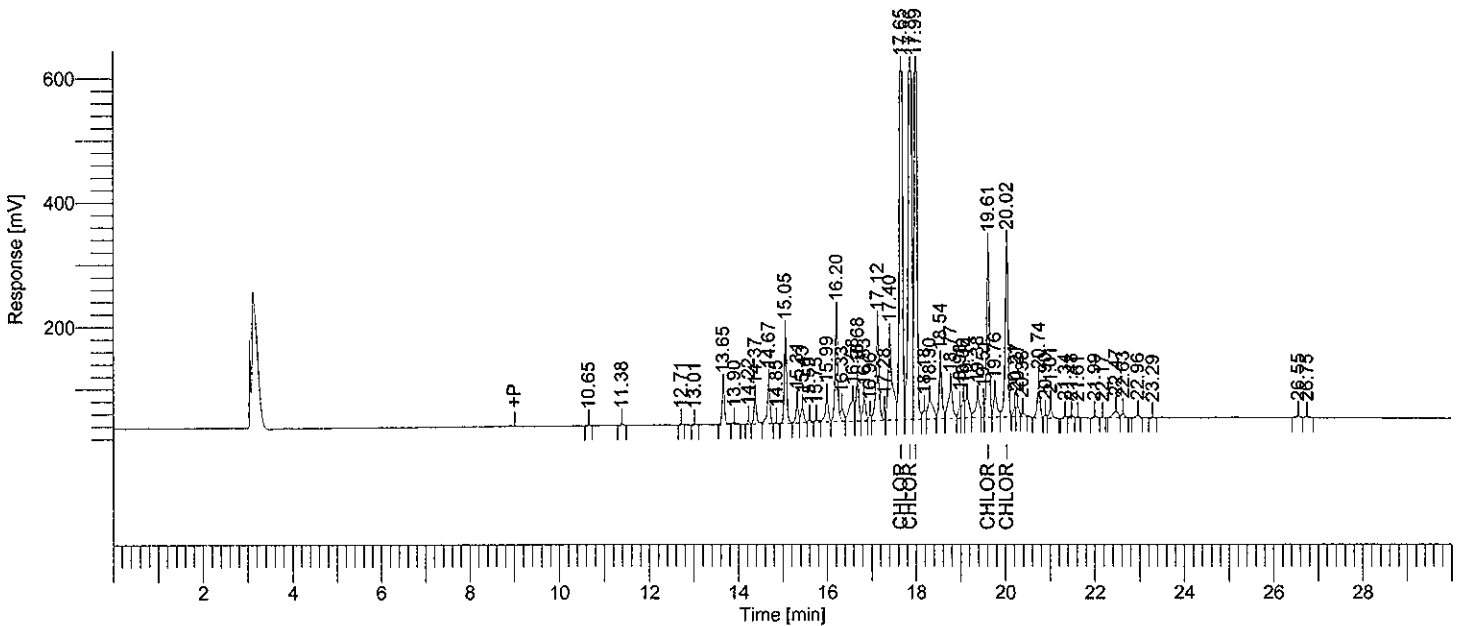
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69581
Operator          : tchrom
Sample Number     : 1.0
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 01/24/2008 21:12:40

Date              : 01/25/2008 11:26:03
Sample Name       : ICM11PG
Study             : ICAL
Rack/Vial         : 1/19
Channel           : B
A/D mV Range     : 1000
End Time         : 29.99 min

Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 2
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b02019.raw <Modified>
Result File   : H:\TURBO6\6890-05\5b02019.rst
Inst Method   : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02019.raw
Proc Method   : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b02019.rst
Calib Method  : h:\turbo6\6890-05\05b-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5b02019.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	10.65	6751		B	0.00675	1923.50
2	11.38	9400		B	0.00940	2631.57
3	12.71	5191		B	0.00519	1449.18
4	13.01	4905		B	0.00490	1004.38
5	13.65	231748		B	0.23175	57731.63
6	13.90	15802		V	0.01580	2345.10
7	14.22	19325		B	0.01932	5379.07
8	14.37	167550		V	0.16755	38729.28
9	14.67	278864		V	0.27886	63674.78
10	14.85	5873		V	0.00587	1471.07
11	15.05	565531		B	0.56553	140670.63
12	15.31	122536		V	0.12254	28729.61
13	15.43	121259		V	0.12126	22903.56
14	15.59	23839		V	0.02384	4629.41
15	15.75	27022		V	0.02702	4100.28
16	15.99	183472		V	0.18347	37581.31

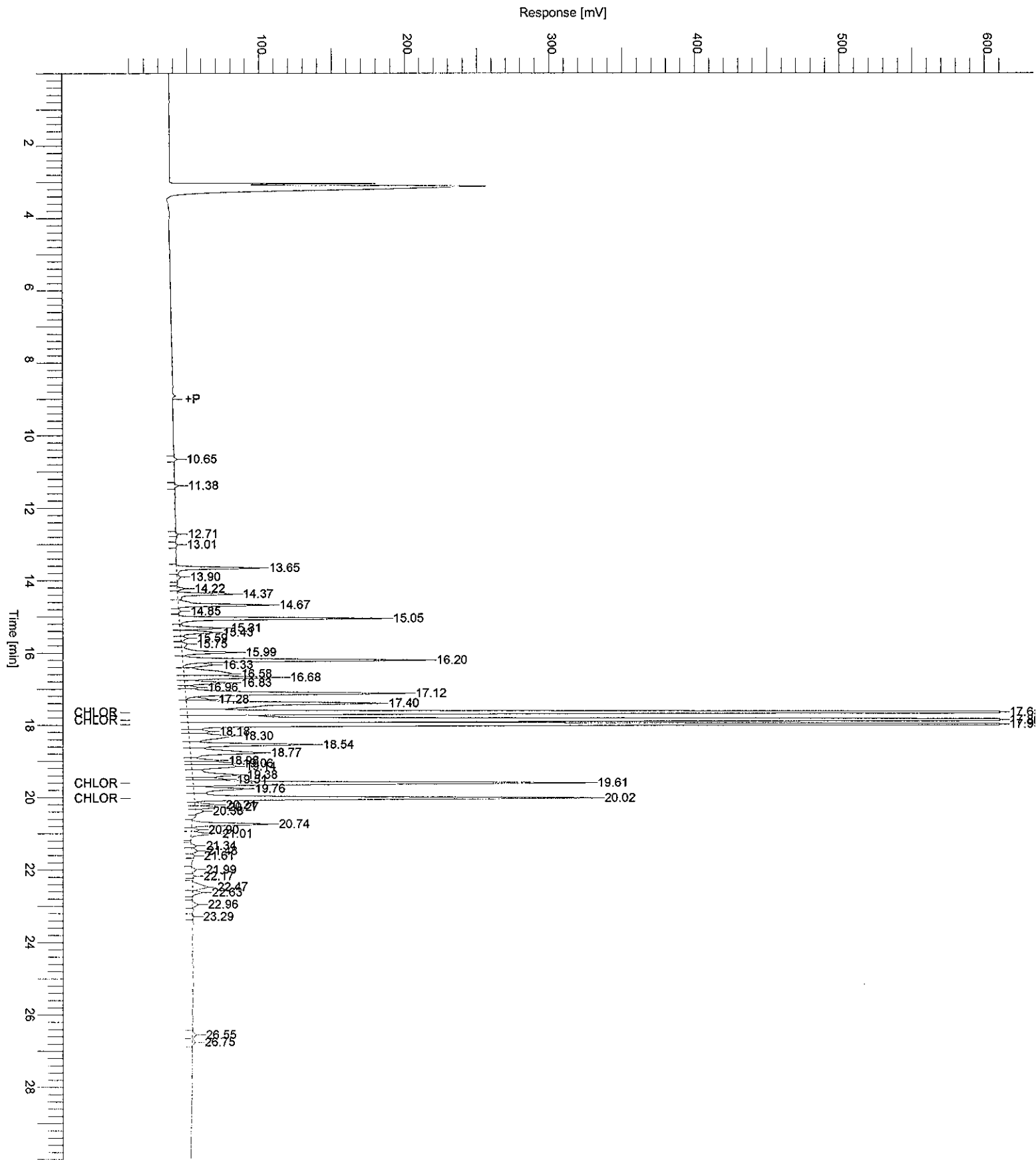
01/25/2008 11:26:03 Result: H:\TURBO6\6890-05\5b02019.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]	
17	16.20	755179		V	0.75518	168349.08	
18	16.33	99641		E	0.09964	18820.94	
19	16.58	289042		V	0.28904	33243.03	
20	16.68	314966		V	0.31497	66887.95	
21	16.83	152535		V	0.15253	32547.03	
22	16.96	38406		V	0.03841	8898.09	
23	17.12	748865		V	0.74886	151929.23	
24	17.28	58355		E	0.05835	15464.75	
25	17.40	944751		V	0.94475	132497.92	
	17.86	13891914	CHLORDANE		1.00000	3.27e+06	
29	18.18	80928		V	0.08093	14458.05	
30	18.30	263130		V	0.26313	30394.26	
31	18.54	398041		V	0.39804	85375.68	
32	18.77	363936		V	0.36394	48955.56	
33	18.98	74806		V	0.07481	19178.56	
34	19.06	126613		V	0.12661	28790.00	
35	19.14	206277		V	0.20628	30695.81	
36	19.38	219089		V	0.21909	31070.55	
37	19.51	89943		V	0.08994	23627.58	
39	19.76	217245		V	0.21724	35725.34	
41	20.21	58482		V	0.05848	14756.49	
42	20.27	68422		V	0.06842	16073.94	
43	20.38	29482		V	0.02948	5282.33	
44	20.74	248076		B	0.24808	53686.00	
45	20.90	22203		V	0.02220	4991.71	
46	21.01	75486		V	0.07549	14774.67	
47	21.34	15911		B	0.01591	3365.81	
48	21.48	21993		V	0.02199	3688.50	
49	21.61	3560		V	0.00356	911.02	
50	21.99	16304		B	0.01630	2958.42	
51	22.17	2772		V	0.00277	702.13	
52	22.47	86411		B	0.08641	10475.44	
53	22.63	35344		V	0.03534	6709.71	
54	22.96	22763		B	0.02276	3903.07	
55	23.29	3886		B	0.00389	769.93	
56	26.55	19635		B	0.01964	2686.58	
57	26.75	13590		V	0.01359	1886.22	
					21867051	8.97514	4.81e+06

Group Report For : CHLORDANE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]	
26	17.65	3778176	chlordan: A	V	1.00000	930154.13	
27	17.86	4537973	chlordan: B	V	1.00000	1.03e+06	
28	17.99	3132550	chlordan: C	V	1.00000	764369.99	
38	19.61	1182522	chlordan:D	V	1.00000	272158.25	
40	20.02	1260694	chlordan:E	V	1.00000	275988.03	
					13891914	5.00000	3.27e+06

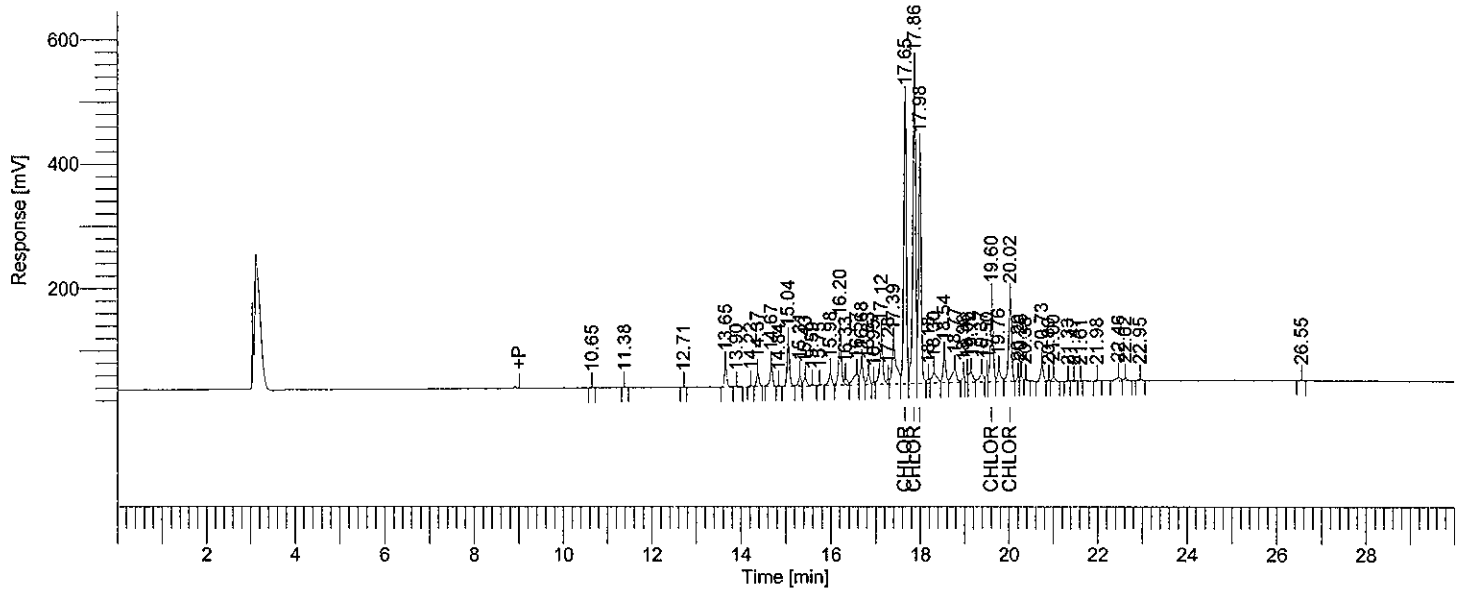
Sample Name : ICM11PG
File Name : H:\TURBO616890-05\5b02019.raw
Date : 01/25/2008 11:26:05
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # : 1.0
Page 1 of 1
Time of Injection : 01/24/2008 21:12:40
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Scale : 600.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 69583
 Operator : tchrom
 Sample Number : 0.5
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 01/24/2008 21:48:48

Date : 01/25/2008 11:26:11
 Sample Name : ICM11PF
 Study : ICAL
 Rack/Vial : 1/20
 Channel : B
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5b02020.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b02020.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02020.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b02020.rst
 Calib Method : h:\turbo6\6890-05\05b-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5b02020.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-02.seq



HP 6890-05 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	10.65	3682		B	0.00368	1081.12
2	11.38	5705		B	0.00570	1584.73
3	12.71	3351		B	0.00335	873.52
4	13.65	134306		B	0.13431	33412.19
5	13.90	8933		V	0.00893	1375.02
6	14.22	9382		B	0.00938	2632.50
7	14.37	79083		B	0.07908	20553.39
8	14.67	133953		B	0.13395	32113.26
9	14.84	3098		B	0.00310	820.82
10	15.04	284119		B	0.28412	70426.93
11	15.31	69174		V	0.06917	16407.95
12	15.43	63461		V	0.06346	12255.90
13	15.59	9484		E	0.00948	2044.95
14	15.75	10450		B	0.01045	1803.18
15	15.98	90525		V	0.09052	18845.29
16	16.20	389058		V	0.38906	86402.00

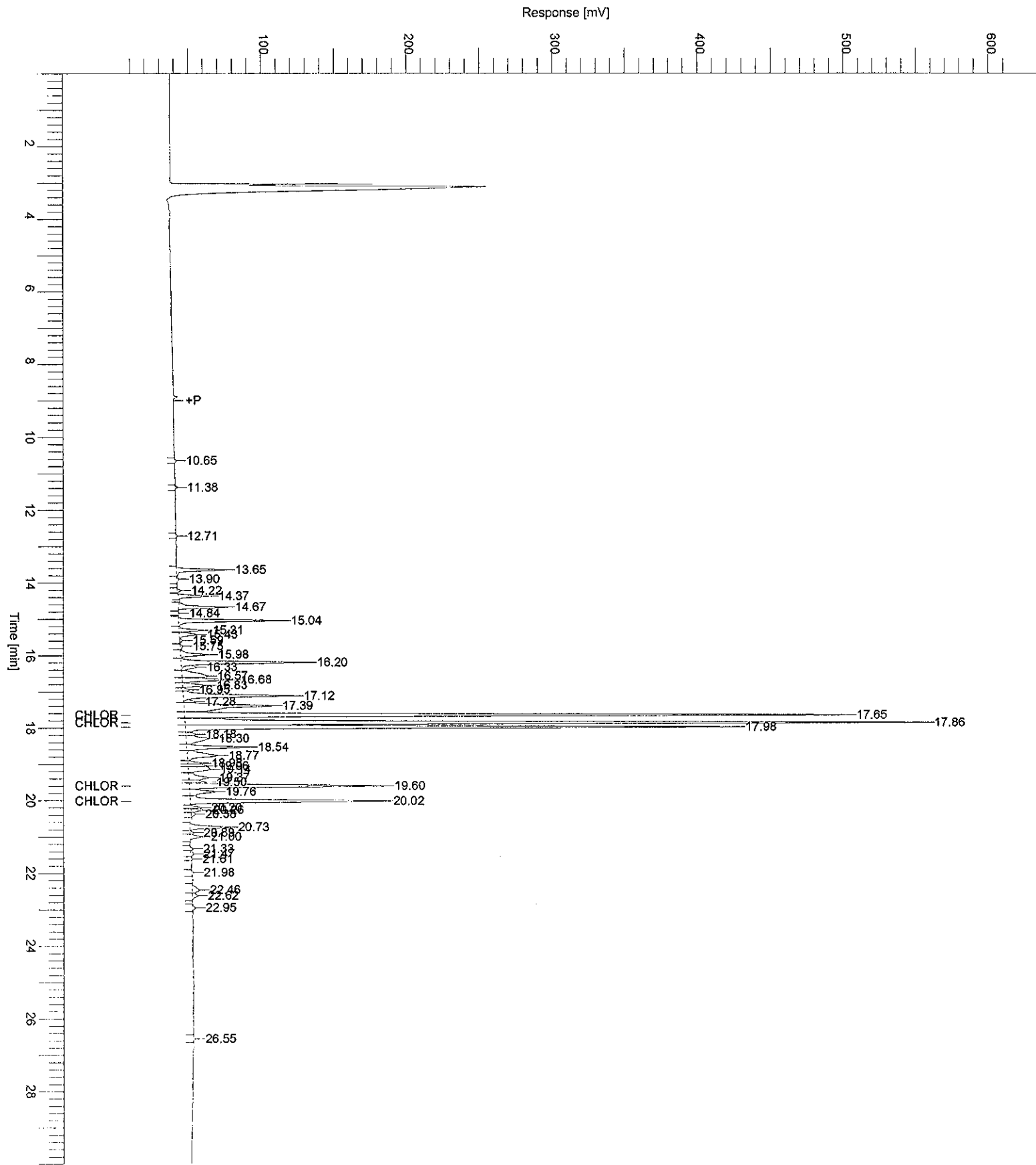
01/25/2008 11:26:11 Result: H:\TURBO6\6890-05\5b02020.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	16.33	48921		E	0.04892	9451.66
18	16.57	147660		V	0.14766	17359.74
19	16.68	155675		V	0.15567	33372.01
20	16.83	75834		V	0.07583	16386.07
21	16.95	17938		V	0.01794	4269.89
22	17.12	372175		V	0.37218	75646.59
23	17.28	26749		E	0.02675	7544.44
24	17.39	451096		V	0.45110	60550.40
	17.86	6837474	CHLORDANE		0.50000	1.61e+06
28	18.18	34338		V	0.03434	6593.07
29	18.30	132103		V	0.13210	15272.12
30	18.54	195828		V	0.19583	41891.50
31	18.77	163976		V	0.16398	21245.41
32	18.98	35496		V	0.03550	9250.68
33	19.06	53582		V	0.05358	13774.40
34	19.14	108701		V	0.10870	15037.32
35	19.37	97058		V	0.09706	13804.75
36	19.50	43301		V	0.04330	11504.43
38	19.76	104060		V	0.10406	17565.04
40	20.20	25675		V	0.02568	7000.38
41	20.26	36029		V	0.03603	8136.11
42	20.38	14789		V	0.01479	2672.53
43	20.73	120391		B	0.12039	26184.72
44	20.89	11034		V	0.01103	2451.80
45	21.00	35834		V	0.03583	7232.57
46	21.33	7959		B	0.00796	1684.72
47	21.47	10857		V	0.01086	1806.11
48	21.61	1644		V	0.00164	440.98
49	21.98	7023		B	0.00702	1379.25
50	22.46	39873		B	0.03987	4988.23
51	22.62	21674		V	0.02167	3612.93
52	22.95	9846		B	0.00985	1798.33
53	26.55	8157		B	0.00816	1241.95
					4.41304	2.37e+06
10750513						

Group Report For : CHLORDANE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
25	17.65	1853304	chlordan: A	V	0.50000	454688.41
26	17.86	2236419	chlordan: B	V	0.50000	508190.28
27	17.98	1547667	chlordan: C	V	0.50000	377823.42
37	19.60	587839	chlordan:D	V	0.50000	134241.81
39	20.02	612244	chlordan:E	V	0.50000	132842.70
6837474					2.50000	1.61e+06

Sample Name : ICM11PF Sample #: 0.5 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b02020.raw
Date : 01/25/2008 11:26:13
Method : 6890-5ins Time of Injection: 01/24/2008 21:48:48
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



```

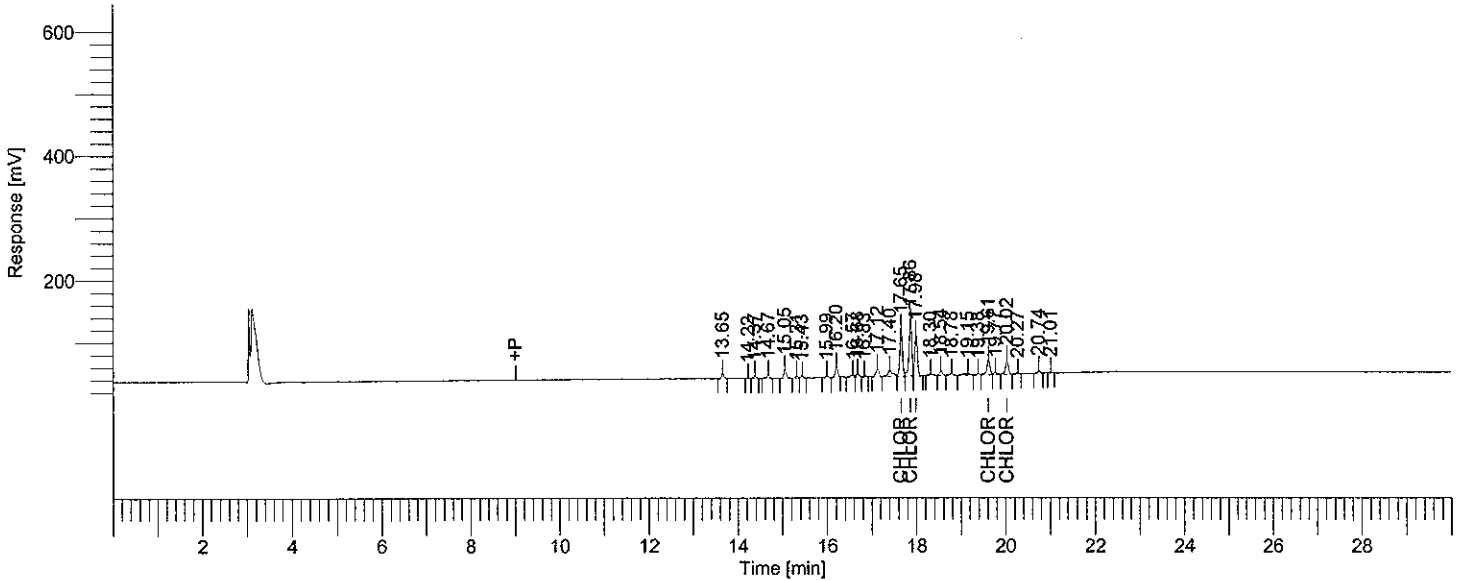
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69585
Operator          : tchrom
Sample Number     : 0.1
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 01/24/2008 22:25:35

Date              : 01/25/2008 11:26:18
Sample Name      : ICM11PG DF10
Study           : ICAL
Rack/Vial       : 1/21
Channel         : B
A/D mV Range    : 1000
End Time        : 29.98 min

Area Reject     : 1000.000000
Dilution Factor : 1.00
Cycle           : 4
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b02021.raw <Modified>
Result File   : H:\TURBO6\6890-05\5b02021.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02021.raw
Proc Method  : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b02021.rst
Calib Method : h:\turbo6\6890-05\05b-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5b02021.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	13.65	27376		B	0.02738	7223.12
2	14.22	1510		B	0.00151	435.02
3	14.37	15855		B	0.01585	4192.50
4	14.67	25126		B	0.02513	6148.35
5	15.05	53245		B	0.05324	13107.63
6	15.31	13678		V	0.01368	3480.04
7	15.43	9801		V	0.00980	2090.30
8	15.99	13612		B	0.01361	3140.20
9	16.20	66188		B	0.06619	16270.86
10	16.57	22718		B	0.02272	3053.88
11	16.68	24832		V	0.02483	5698.17
12	16.83	10609		V	0.01061	2622.49
13	17.12	60611		B	0.06061	13067.97
14	17.40	70221		V	0.07022	9127.09
17	17.86	1190678	CHLORDANE		0.10000	272273.47
18	18.30	15430		B	0.01543	2238.95

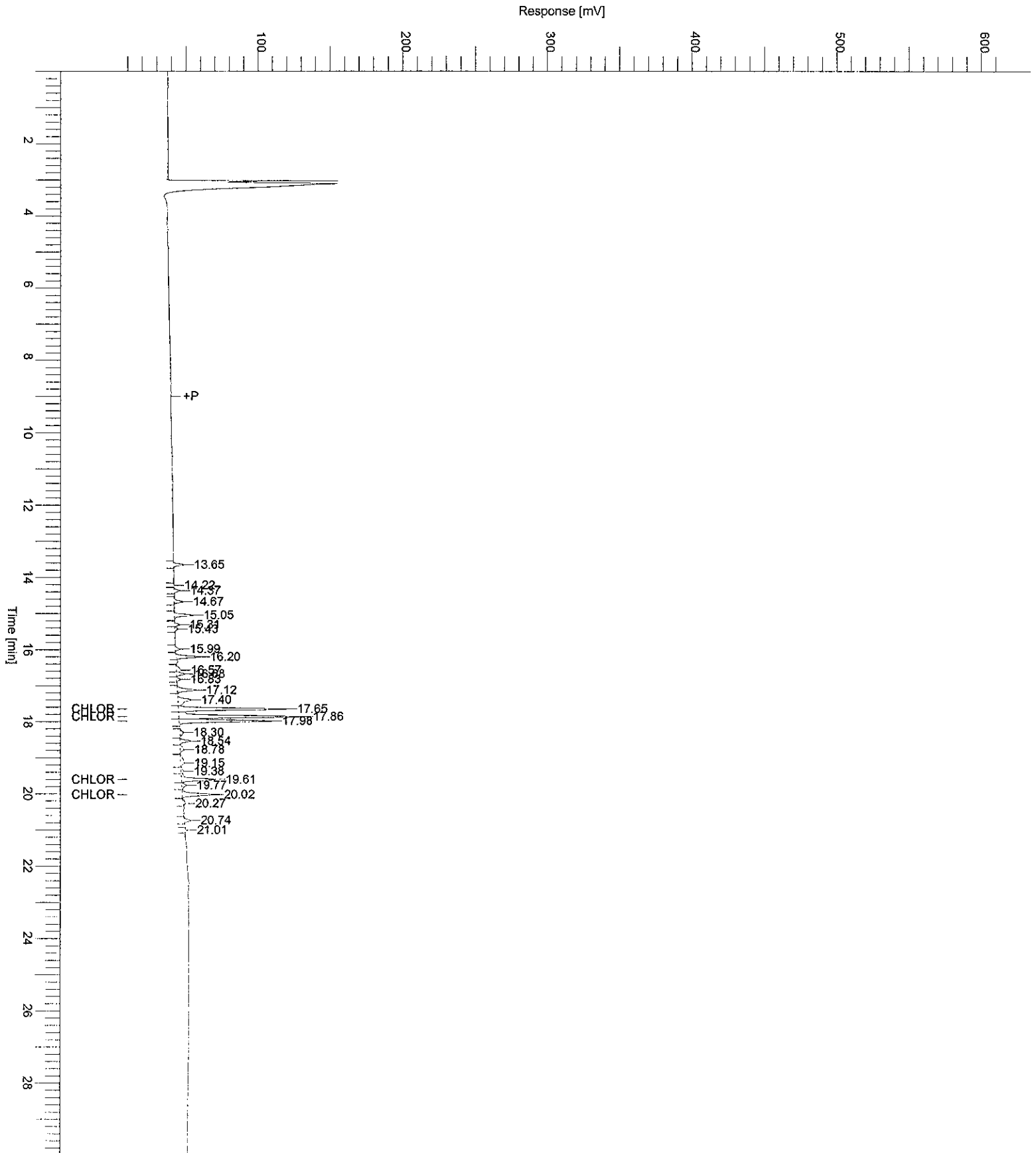
01/25/2008 11:26:18 Result: H:\TURBO6\6890-05\5b02021.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
19	18.54	30575		B	0.03058	7128.93
20	18.78	20665		V	0.02067	2917.36
21	19.15	31216		B	0.03122	2520.02
22	19.38	12140		V	0.01214	1975.55
24	19.77	20264		V	0.02026	3258.65
26	20.27	9174		B	0.00917	1260.36
27	20.74	19032		B	0.01903	4214.59
28	21.01	4339		B	0.00434	1039.90
					0.67822	388485.42
		1768895				

Group Report For : CHLORDANE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
15	17.65	315191	chlordan: A	V	0.10000	75419.24
16	17.86	386321	chlordan: B	V	0.10000	86192.28
17	17.98	267952	chlordan: C	V	0.10000	64579.26
23	19.61	114047	chlordan: D	V	0.10000	23767.45
25	20.02	107168	chlordan: E	V	0.10000	22315.24
					0.50000	272273.47
		1190678				

Sample Name : ICM11PG DF10 Sample #: 0.1 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b02021.raw
Date : 01/25/2008 11:26:20
Method : 6890-5ins Time of Injection: 01/24/2008 22:25:35
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



```

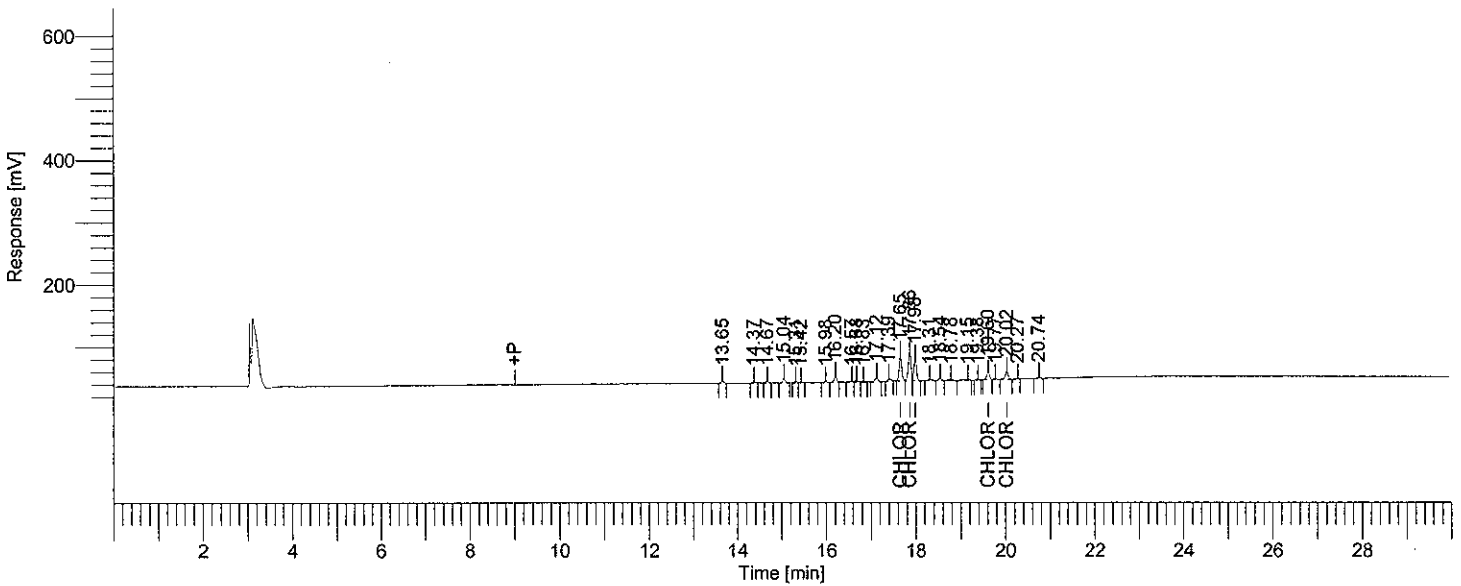
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69587
Operator          : tchrom
Sample Number     : 0.05
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 01/24/2008 23:01:44

Date              : 01/25/2008 11:26:25
Sample Name       : ICM11PF DF10
Study             : ICAL
Rack/Vial         : 1/22
Channel           : B
A/D mV Range     : 1000
End Time         : 29.95 min

Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 5
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b02022.raw <Modified>
Result File   : H:\TURBO6\6890-05\5b02022.rst
Inst Method   : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02022.raw
Proc Method   : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b02022.rst
Calib Method  : h:\turbo6\6890-05\05b-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5b02022.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	13.65	16070		B	0.01607	4229.32
2	14.37	9163		B	0.00916	2393.49
3	14.67	11301		B	0.01130	3049.15
4	15.04	28282		B	0.02828	7057.13
5	15.31	8422		B	0.00842	2138.92
6	15.42	5534		V	0.00553	1191.39
7	15.98	7334		B	0.00733	1667.40
8	16.20	36047		B	0.03605	8951.85
9	16.57	11208		B	0.01121	1562.70
10	16.68	12172		V	0.01217	2905.82
11	16.83	5493		V	0.00549	1324.72
12	17.12	31405		B	0.03140	6894.62
13	17.39	14894		B	0.01489	3230.23
	17.86	617342	CHLORDANE		0.05000	144323.80
17	18.31	10971		B	0.01097	1470.95
18	18.54	17072		V	0.01707	3891.34

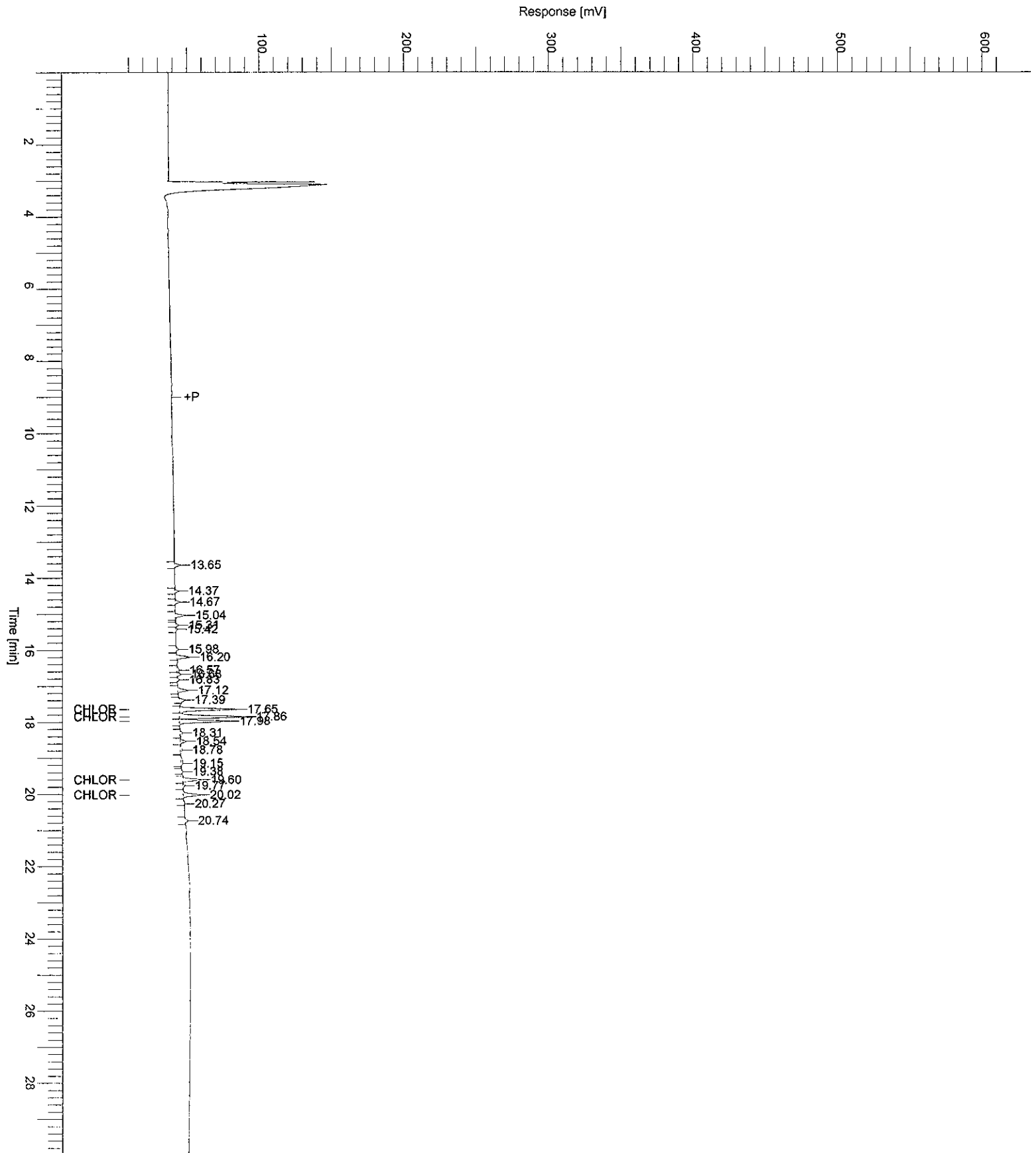
01/25/2008 11:26:25 Result: H:\TURBO6\6890-05\5b02022.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
19	18.78	10589		V	0.01059	1395.61
20	19.15	14721		B	0.01472	1228.72
21	19.38	2615		B	0.00262	594.69
23	19.77	6193		B	0.00619	1301.01
25	20.27	3874		B	0.00387	562.72
26	20.74	9935		B	0.00994	2173.03
					0.32329	203538.63
		890636				

Group Report For : CHLORDANE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
14	17.65	165425	chlordan: A	B	0.05000	39776.59
15	17.86	201572	chlordan: B	V	0.05000	46071.37
16	17.98	144401	chlordan: C	V	0.05000	34514.76
22	19.60	51496	chlordan:D	B	0.05000	12288.66
24	20.02	54448	chlordan:E	V	0.05000	11672.41
					0.25000	144323.80
		617342				

Sample Name : ICM11PF DF10 Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b02022.raw
Date : 01/25/2008 11:26:27
Method : 6890-5ins Time of Injection: 01/24/2008 23:01:44
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV




```

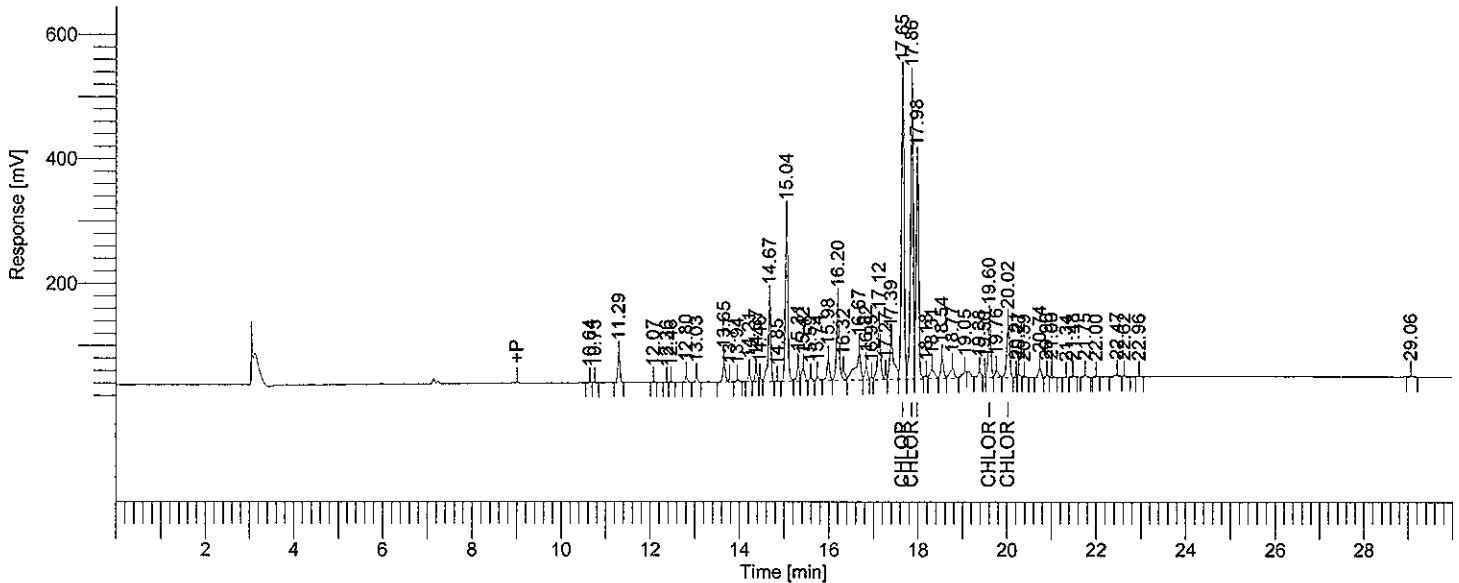
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69589
Operator          : tchrom
Sample Number     : 0.5
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 01/24/2008 23:37:59

Date              : 01/25/2008 11:32:40
Sample Name       : ACM11JB
Study            : 2ND SOURCE
Rack/Vial        : 1/23
Channel          : B
A/D mV Range     : 1000
End Time         : 29.99 min

Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b02023.raw <Modified>
Result File   : H:\TURBO6\6890-05\5b02023.rst
Inst Method   : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02023.raw
Proc Method   : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b02023.rst
Calib Method  : h:\turbo6\6890-05\05b-chlordane(01-25-08).mth from H:\TURBO6\6890-05\5b02023.rst
Report Format File: h:\turbo6\6890-05\05pcb%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



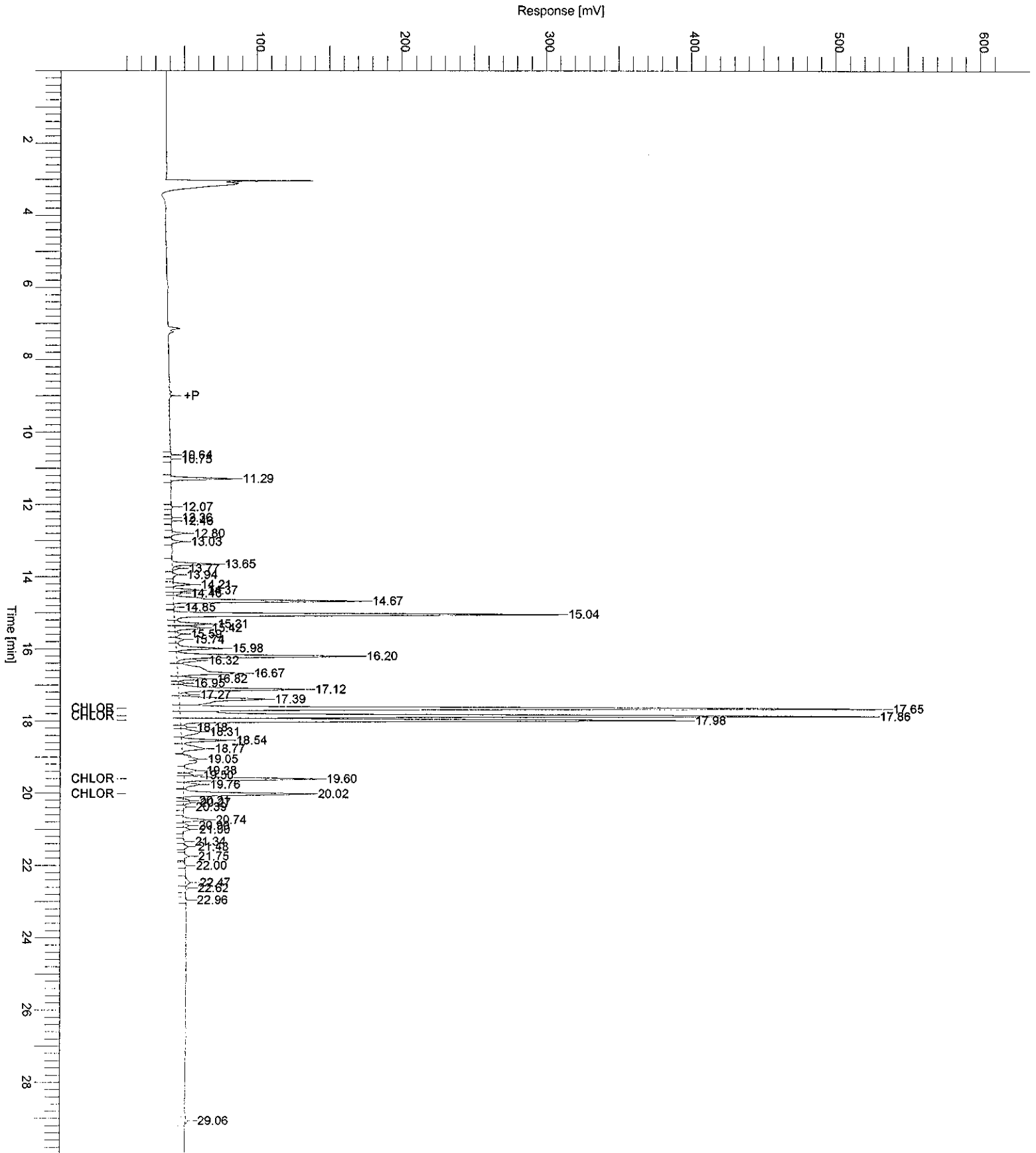
HP6890-05 "A" RTXCLP I/"B"RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	INITIAL CAL FACTOR	CONTINUING CAL FACTOR	%D 0.5ng	# of Peaks
17.65	6285263	CHLORDANE	0.45249	1.4e+07	1.3e+07	-9.5	5
	6285263		0.45249			-9.5	

Group Report For : CHLORDANE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	INITIAL CAL FACTOR	CONTINUING CAL FACTOR	%D 0.5ng	# of Peaks
17.65	1989877	chlordane: A	0.52400	3.8e+06	4.0e+06	4.8	0
17.86	2082230	chlordane: B	0.45907	4.5e+06	4.2e+06	-8.2	0
17.98	1428899	chlordane: C	0.45598	3.1e+06	2.9e+06	-8.8	0
19.60	393009	chlordane: D	0.33395	1.2e+06	786017.5	-33.2	0
20.02	391248	chlordane: E	0.31822	1.2e+06	782495.5	-36.4	0
	6285263		2.09122			-81.8	

Sample Name : ACM11JB Sample #: 0.5 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b02023.raw
Date : 01/25/2008 11:32:41 Time of Injection: 01/24/2008 23:37:59
Method : 6890-5ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



TotalChrom Method File H:\TURBO6\6890-05\05A-Toxaphene(01-26-08).mth
 Printed by : NearyM on: 01/28/2008 10:45:09
 Created by : NearyM on: 01/28/2008 10:18:41
 Edited by : NearyM on: 01/28/2008 10:40:06
 Number of Times Edited : 1
 Number of Times Calibrated : 664
 Description: TOXAPHENE CURVE 04-23-07

Processed by: *MAN* 1/28/08
 Reviewed by: *DJB* 2/11/08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

Toxaphene-a
 Component Type : Single Peak Component
 Retention Time : 17.570 min
 Search Window : 10.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	23371.44	3656.10	-----	-----	1
b	0.1000	48298.77	7572.25	-----	-----	1
c	0.5000	346408.69	49094.83	-----	-----	1
d	1.0000	700522.97	98851.86	-----	-----	1
e	1.5000	928304.67	136893.10	-----	-----	1

Calibration Curve : $y = (4238.677404) + (643083.542038)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.991402

Toxaphene-b

Component Type : Single Peak Component
 Retention Time : 19.460 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

01/28/2008 10:45:09 Method: H:\TURBO6\6890-05\05A-Toxaphene(01-26-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	27033.47	4077.48	-----	-----	1
b	0.1000	61137.92	8981.45	-----	-----	1
c	0.5000	474139.97	66887.76	-----	-----	1
d	1.0000	1014517.77	140599.43	-----	-----	1
e	1.5000	1404647.90	205512.83	-----	-----	1

Calibration Curve : $y = (-17086.506846) + (973622.084238)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.996378

Toxaphene-c

Component Type : Single Peak Component
 Retention Time : 19.660 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	37841.71	6309.71	-----	-----	1
b	0.1000	81070.39	13717.42	-----	-----	1
C	0.5000	579790.80	96320.61	-----	-----	1
D	1.0000	1222617.50	201925.31	-----	-----	1
E	1.5000	1741054.34	297298.67	-----	-----	1

Calibration Curve : $y = (-20720.331848) + (1195548.065145)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998353

TOXAPHENE

Component Type : Named Group
 Group Members
 Toxaphene-a
 Toxaphene-b
 Toxaphene-c
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

01/28/2008 10:45:09 Method: H:\TURBO6\6890-05\05A-Toxaphene(01-26-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 3.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	88246.63	14043.30	-----	-----	1
B	0.1000	190507.08	30271.12	-----	-----	1
C	0.5000	1400339.45	212303.20	-----	-----	1
D	1.0000	2937658.25	441376.61	-----	-----	1
E	1.5000	4074006.91	639704.59	-----	-----	1

Calibration Curve : $y = (-33568.161290) + (2812253.691421)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.996541

```

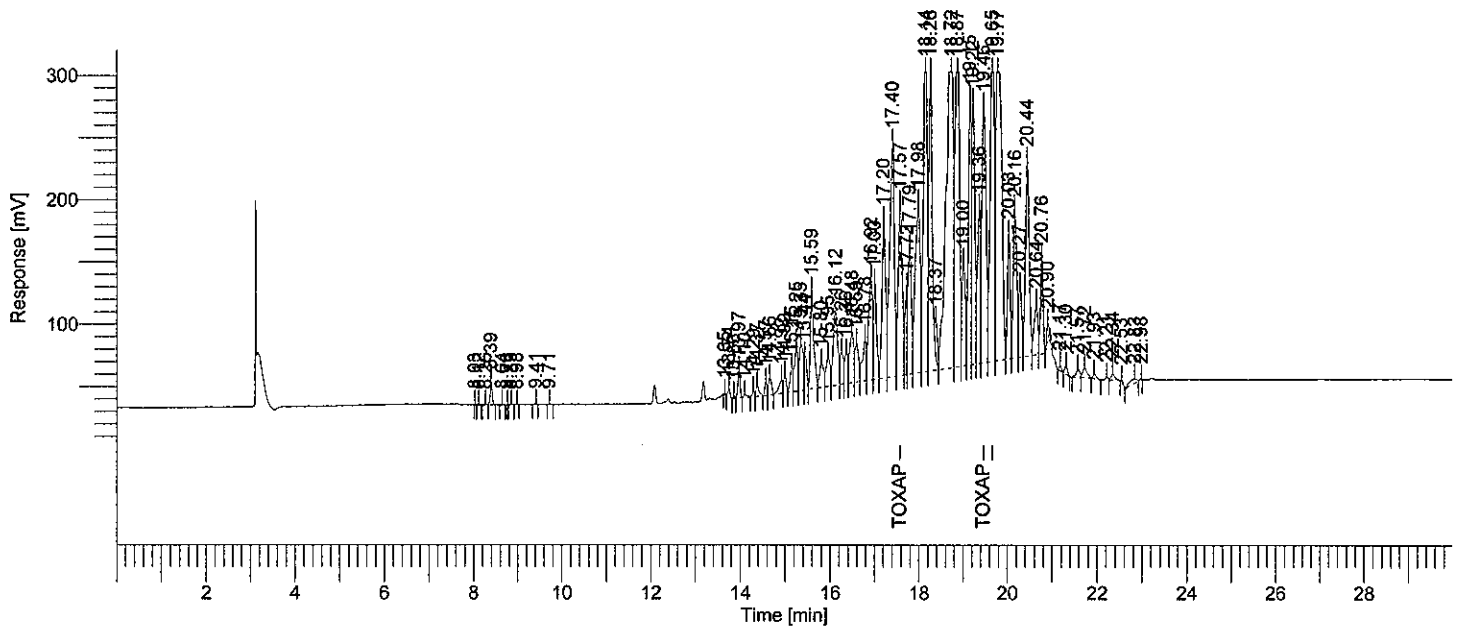
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69657
Operator          : tchom
Sample Number     : 1.5
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 01/25/2008 23:12:28

Date              : 01/28/2008 10:31:48
Sample Name      : ICM14PD
Study            : ICAL
Rack/Vial       : 1/43
Channel         : A
A/D mV Range    : 1000
End Time        : 29.99 min

Area Reject     : 1000.000000
Dilution Factor : 1.00
Cycle           : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a02043.raw <Modified>
Result File   : H:\TURBO6\6890-05\5a02043.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02043.raw
Proc Method  : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02043.rst
Calib Method : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02043.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
4	8.39	50677		V	0.05068	16110.15
9	9.41	1080		B	0.00108	363.67
11	13.65	3217		B	0.00322	896.79
12	13.74	23295		V	0.02329	6455.86
13	13.86	5286		B	0.00529	1765.16
14	13.97	71527		V	0.07153	19289.97
15	14.10	12661		V	0.01266	2155.94
16	14.29	16978		V	0.01698	4802.29
17	14.37	45596		V	0.04560	8903.87
18	14.57	39762		B	0.03976	10707.83
19	14.66	67437		V	0.06744	13270.01
20	14.92	63408		V	0.06341	10648.35
21	14.99	61748		V	0.06175	13836.47
22	15.15	86857		V	0.08686	18858.36
23	15.25	188323		V	0.18832	37645.77
24	15.35	239892		V	0.23989	36842.32

01/28/2008 10:31:48 Result: H:\TURBO6\6890-05\5a02043.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
25	15.44	102505		V	0.10251	26814.15
26	15.59	411815		V	0.41182	78486.47
27	15.80	121398		V	0.12140	19370.12
28	15.95	151922		V	0.15192	22878.84
29	16.12	437306		V	0.43731	59372.40
30	16.26	131198		V	0.13120	25154.89
31	16.36	127498		V	0.12750	24221.87
32	16.48	266878		V	0.26688	40152.21
33	16.59	183323		V	0.18332	31094.21
34	16.78	204019		V	0.20402	33602.27
35	16.92	515360		V	0.51536	80320.23
36	17.00	377326		V	0.37733	77195.25
37	17.20	739586		V	0.73959	126138.73
38	17.40	1362876		V	1.36288	187094.01
40	17.72	236616		V	0.23662	70119.45
41	17.79	554441		V	0.55444	101677.30
42	17.98	1066239		V	1.06624	135520.77
43	18.14	1692691		V	1.69269	285533.87
44	18.26	1342219		V	1.34222	252830.66
45	18.37	131924		E	0.13192	27480.78
46	18.72	3117890		V	3.11789	302025.31
47	18.87	1842372		V	1.84237	285053.01
48	19.00	467473		V	0.46747	82735.07
49	19.15	971444		V	0.97144	215045.04
50	19.22	1040185		V	1.04019	210494.47
51	19.36	578627		V	0.57863	124304.57
	19.65	4074007	TOXAPHENE		1.50000	639704.59
54	19.77	2386809		V	2.38681	267206.41
55	20.03	425852		V	0.42585	100192.56
56	20.16	658289		V	0.65829	117037.27
57	20.27	289488		V	0.28949	56253.95
58	20.44	883898		V	0.88390	156538.03
59	20.64	246792		V	0.24679	41287.99
60	20.76	326175		V	0.32617	77037.50
61	20.90	42180		B	0.04218	12336.56
62	21.17	15068		B	0.01507	3861.70
63	21.30	27525		V	0.02752	5951.91
64	21.57	34932		B	0.03493	6187.28
65	21.72	49481		V	0.04948	7481.39
66	21.93	17905		B	0.01791	3273.58
67	22.21	10706		B	0.01071	2020.81
68	22.34	27230		V	0.02723	4683.83
69	22.53	8811		B	0.00881	1958.61
70	22.83	46843		B	0.04684	3393.38
71	22.98	2770		*V	0.00277	406.59
		28727638			26.15363	4.63e+06

Group Report For : TOXAPHENE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
39	17.57	928305	Toxaphene-a	V	1.50000	136893.10
52	19.46	1404648	Toxaphene-b	V	1.50000	205512.83
53	19.65	1741054	Toxaphene-c	V	1.50000	297298.67
		4074007			4.50000	639704.59

Sample Name : ICM14PD

Sample # : 1.5

Page 1 of 1

FileName : H:\TURBO6\6890-05\5a02043.raw

Date : 01/28/2008 10:31:50

Time of Injection: 01/25/2008 23:12:28

Method : 6890-5ins

Start Time : 0.00 min

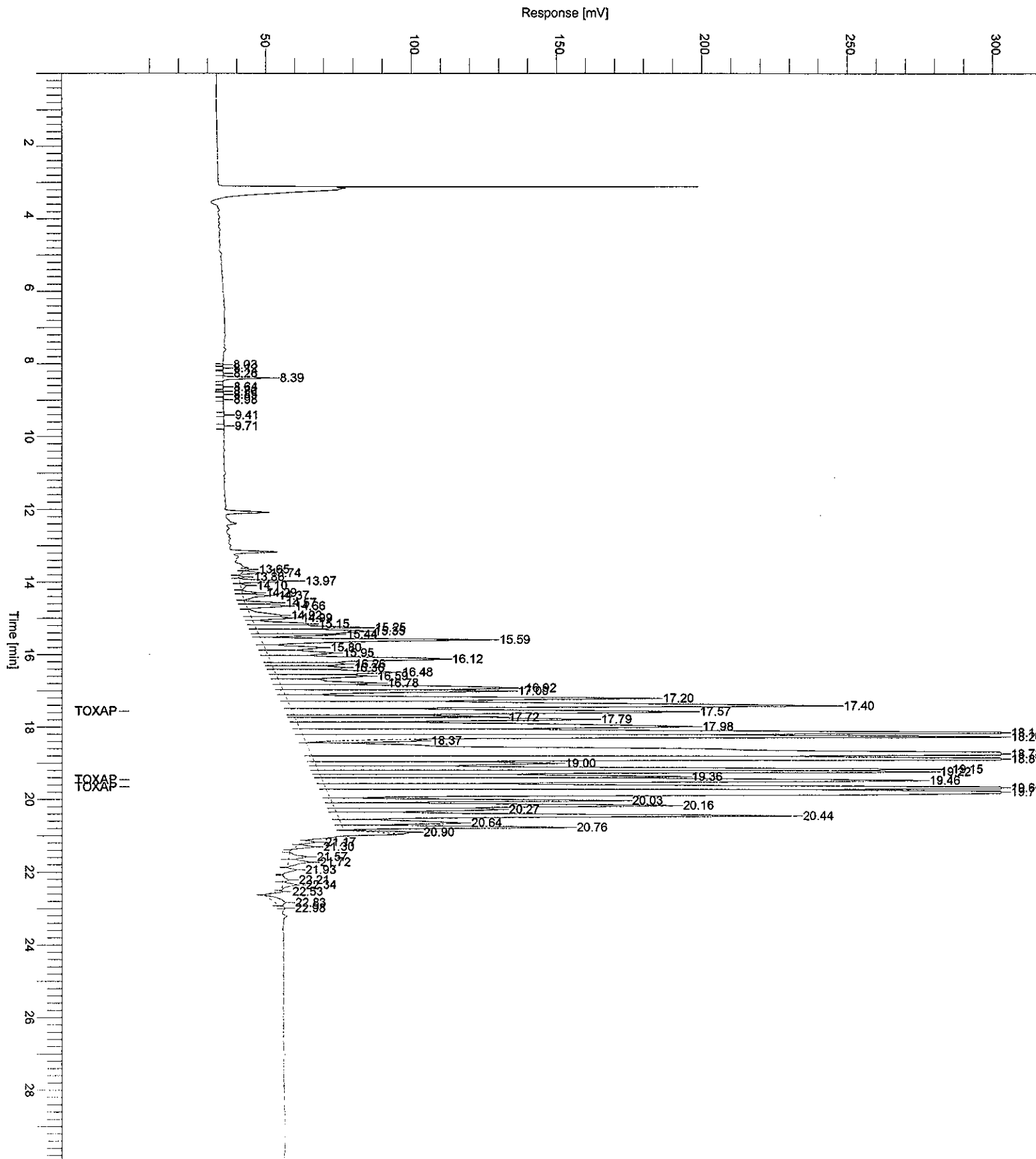
End Time : 29.99 min

Low Point : 3.00 mV

High Point : 303.00 mV

Plot Offset: 3.00 mV

Plot Scale: 300.0 mV




```

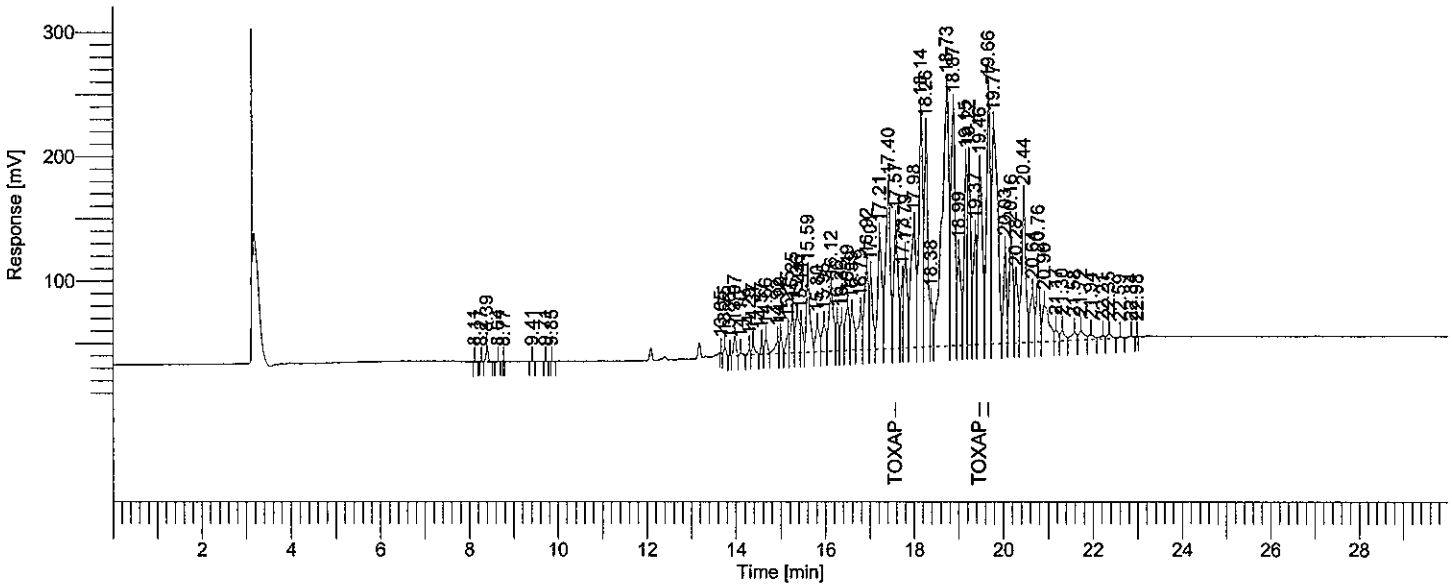
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69659
Operator          : tchrom
Sample Number     : 1.0
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 01/25/2008 23:48:57

Date              : 01/28/2008 10:31:57
Sample Name      : ICM14PH
Study            : ICAL
Rack/Vial        : 1/44
Channel          : A
A/D mV Range     : 1000
End Time         : 30.00 min

Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 2
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a02044.raw <Modified>
Result File   : H:\TURBO6\6890-05\5a02044.rst
Inst Method   : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02044.raw
Proc Method   : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02044.rst
Calib Method  : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02044.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
3	8.39	37721		V	0.03772	11958.31
9	13.65	1218		B	0.00122	396.45
10	13.75	19620		V	0.01962	5505.07
11	13.86	3203		B	0.00320	1196.22
12	13.97	53784		V	0.05378	15031.92
13	14.10	8380		V	0.00838	1539.13
14	14.29	12827		V	0.01283	3625.03
15	14.37	37516		V	0.03752	7219.36
16	14.57	28449		V	0.02845	7822.89
17	14.66	58948		V	0.05895	11244.54
18	14.92	61456		V	0.06146	9437.56
19	14.99	52469		V	0.05247	11569.98
20	15.15	75880		V	0.07588	15859.09
21	15.25	160679		V	0.16068	30886.98
22	15.36	192423		V	0.19242	28828.95
23	15.44	94427		V	0.09443	22485.44

01/28/2008 10:31:57 Result: H:\TURBO6\6890-05\5a02044.rst

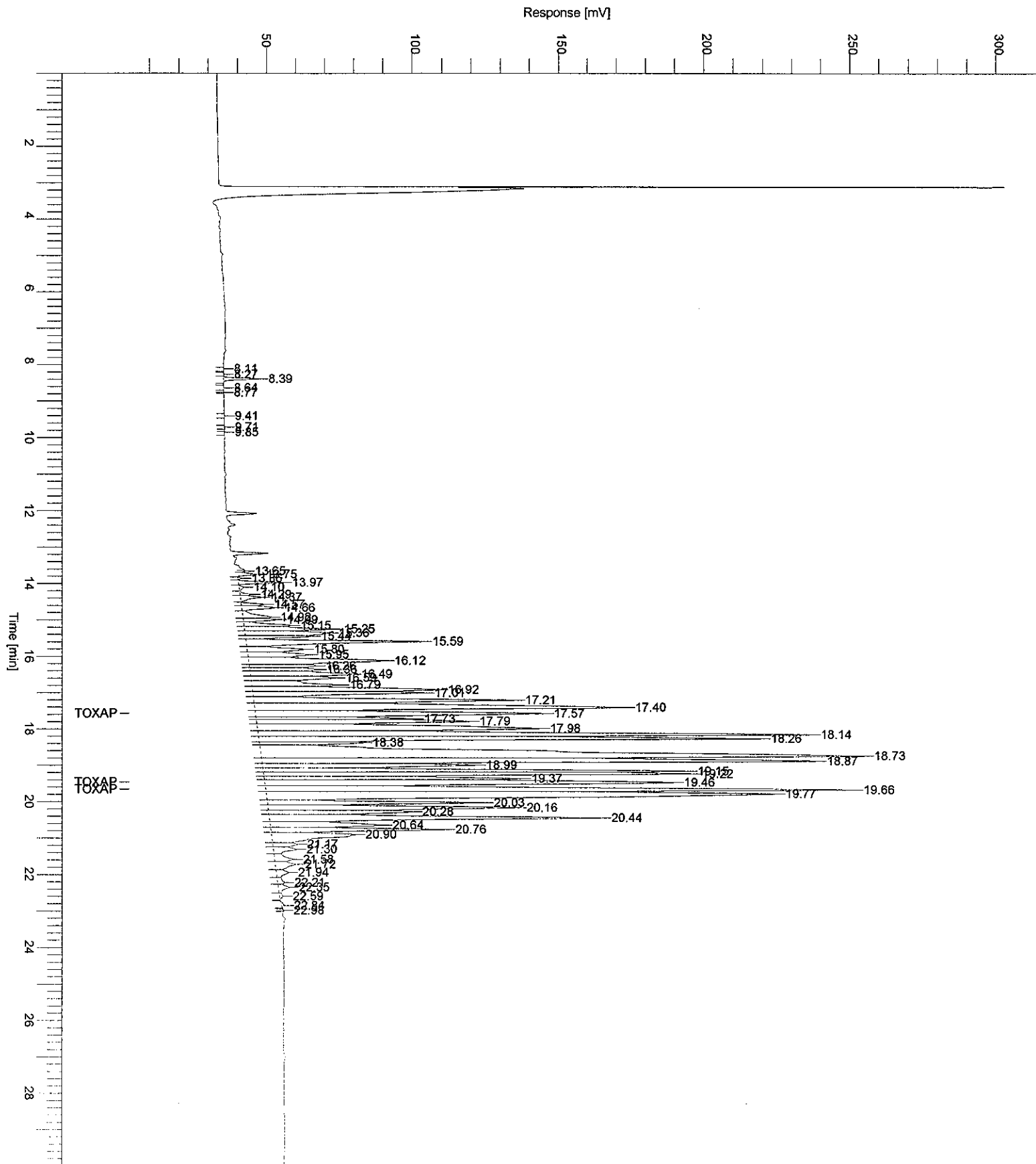
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
24	15.59	343861		V	0.34386	60423.96
25	15.80	129164		V	0.12916	19512.83
26	15.95	145766		V	0.14577	20887.90
27	16.12	364579		V	0.36458	46680.20
28	16.26	116946		V	0.11695	22810.85
29	16.36	125252		V	0.12525	22990.32
30	16.49	238174		V	0.23817	34789.06
31	16.59	177423		V	0.17742	29262.44
32	16.79	205369		V	0.20537	30366.51
33	16.92	416155		V	0.41615	63582.58
34	17.01	306158		V	0.30616	58820.17
35	17.21	566336		V	0.56634	89525.35
36	17.40	989066		V	0.98907	127234.66
38	17.73	194840		V	0.19484	54252.53
39	17.79	415869		V	0.41587	72965.44
40	17.98	794374		V	0.79437	96833.41
41	18.14	1150639		V	1.15064	189663.30
42	18.26	941857		V	0.94186	172218.75
43	18.38	154108		V	0.15411	35561.00
44	18.73	2210453		V	2.21045	207077.87
45	18.87	1279042		V	1.27904	190585.80
46	18.99	427481		V	0.42748	73222.40
47	19.15	672919		V	0.67292	145924.91
48	19.22	748263		V	0.74826	147222.46
49	19.37	420019		V	0.42002	88244.22
	19.66	2937658	TOXAPHENE		1.00000	441376.61
52	19.77	1627795		V	1.62779	174801.18
53	20.03	365099		V	0.36510	74263.16
54	20.16	516325		V	0.51633	85279.94
55	20.28	284970		V	0.28497	49466.15
56	20.44	733540		V	0.73354	114211.85
57	20.64	272671		V	0.27267	38791.80
58	20.76	314177		V	0.31418	59935.20
59	20.90	302869		V	0.30287	29111.05
60	21.17	53176		V	0.05318	8539.15
61	21.30	59266		V	0.05927	7983.89
62	21.58	55216		V	0.05522	6330.11
63	21.72	62624		V	0.06262	6863.75
64	21.94	35313		V	0.03531	4064.20
65	22.21	20760		V	0.02076	2396.70
66	22.35	29959		V	0.02996	3766.30
67	22.59	8973		V	0.00897	1155.87
68	22.84	6179		B	0.00618	842.51
		22119690			20.18203	3.39e+06

Group Report For : TOXAPHENE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
37	17.57	700523	Toxaphene-a	V	1.00000	98851.86
50	19.46	1014518	Toxaphene-b	V	1.00000	140599.43
51	19.66	1222618	Toxaphene-c	V	1.00000	201925.31
		2937658			3.00000	441376.61

Sample Name : ICM14PH
FileName : H:\TURBO6\6890-05\5a02044.raw
Date : 01/28/2008 10:31:59
Method : 6890-5ins
Plot Offset: 3.00 mV

Sample #: 1.0
Page 1 of 1
Time of Injection: 01/25/2008 23:48:57
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 3.00 mV
High Point : 303.00 mV
Plot Scale: 300.0 mV



```

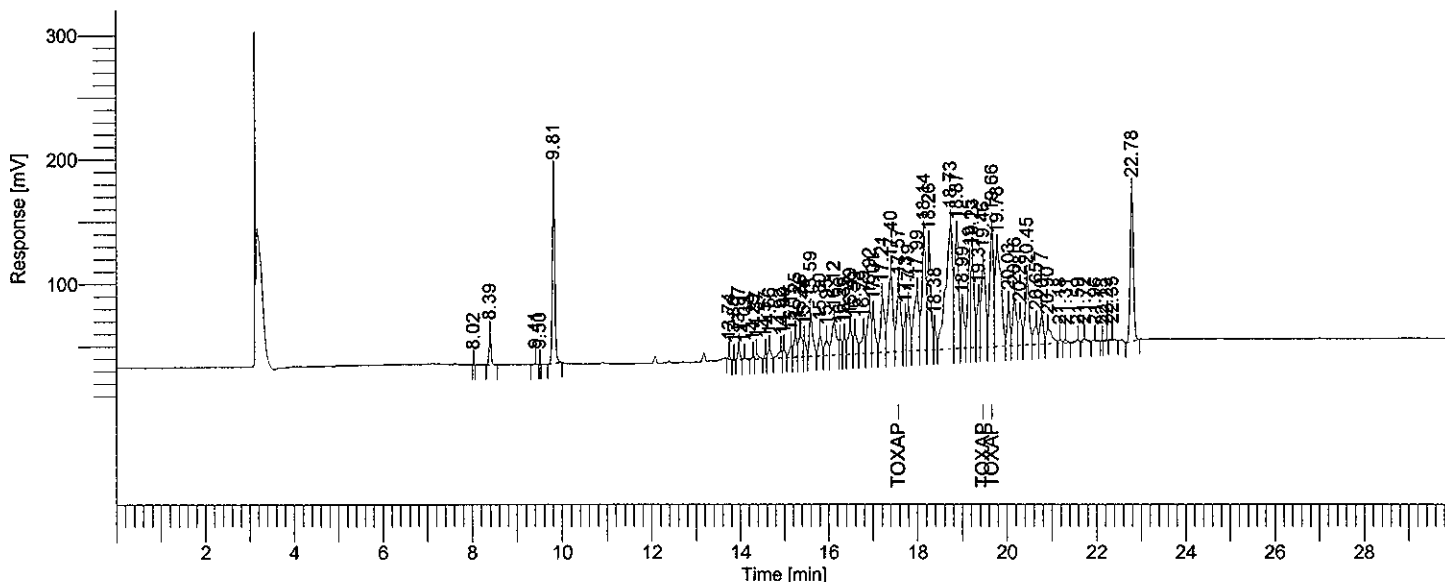
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69661
Operator          : tchrom
Sample Number     : 0.5
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 01/26/2008 00:25:00

Date              : 01/28/2008 10:32:05
Sample Name       : ICM14PG
Study             : ICAL
Rack/Vial         : 1/45
Channel           : A
A/D mV Range      : 1000
End Time          : 30.00 min

Area Reject       : 1000.000000
Dilution Factor   : 1.00
Cycle             : 3
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a02045.raw <Modified>
Result File : H:\TURBO6\6890-05\5a02045.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02045.raw
Proc Method : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02045.rst
Calib Method : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02045.rst
Report Format File : h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	8.39	74874		B	0.07487	23617.07
3	9.41	1468		B	0.00147	405.25
5	9.81	566130		*B	0.56613	151095.41
6	13.74	9466		B	0.00947	2875.77
7	13.86	3586		B	0.00359	1150.64
8	13.97	33681		V	0.03368	9071.56
9	14.09	6729		V	0.00673	1074.84
10	14.29	8290		V	0.00829	2233.98
11	14.37	23482		V	0.02348	4470.46
12	14.57	14697		B	0.01470	4144.06
13	14.66	36791		V	0.03679	6966.17
14	14.92	37111		V	0.03711	5743.99
15	14.99	29756		V	0.02976	6603.39
16	15.15	43558		V	0.04356	8955.80
17	15.25	93289		V	0.09329	17918.12
18	15.36	111529		V	0.11153	16084.31

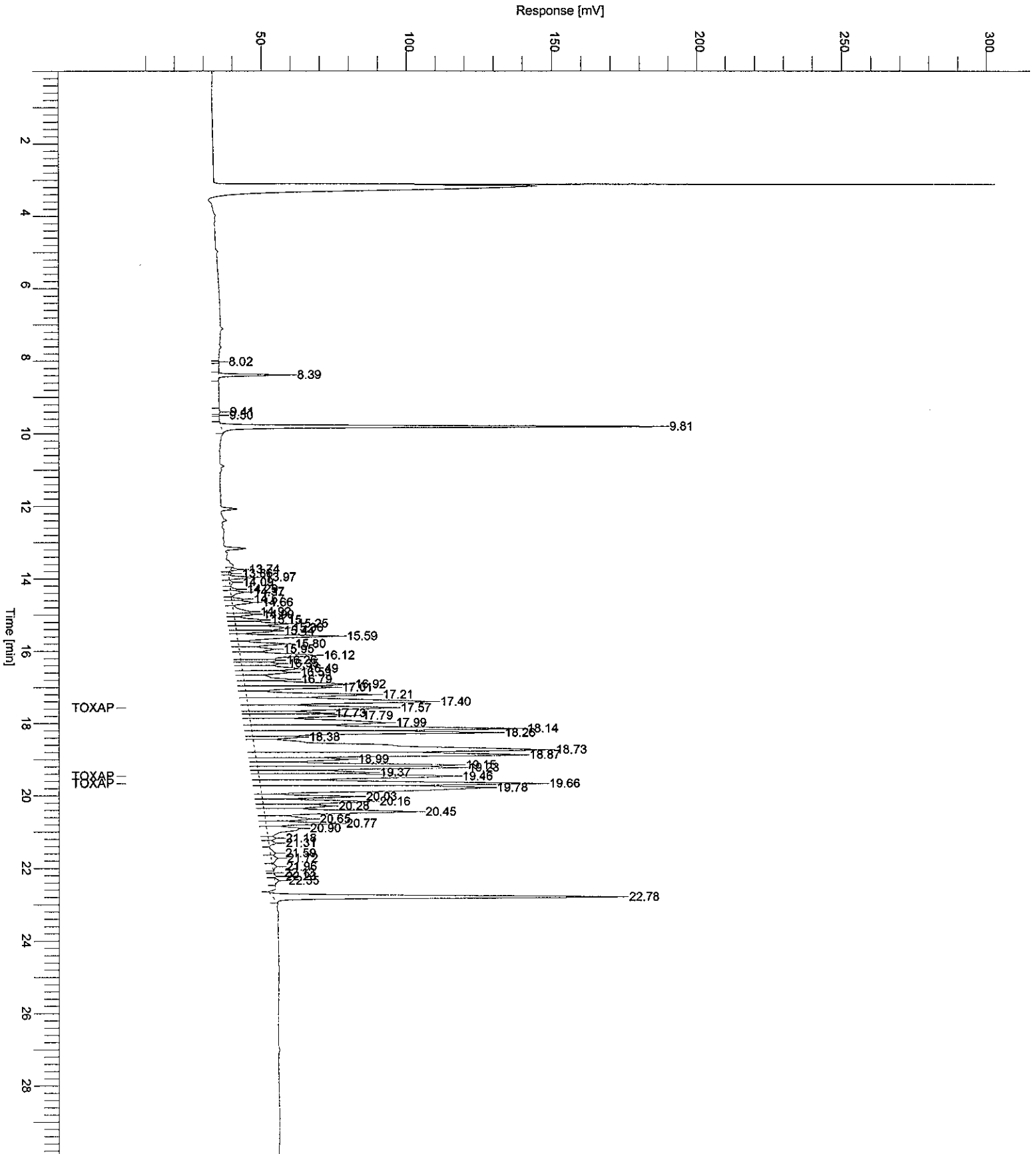
01/28/2008 10:32:05 Result: H:\TURBO6\6890-05\5a02045.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
19	15.44	50379		V	0.05038	12833.41
20	15.59	189509		V	0.18951	34243.71
21	15.80	89713		V	0.08971	16074.37
22	15.95	77860		V	0.07786	11714.59
23	16.12	209245		V	0.20925	25350.53
24	16.26	52176		V	0.05218	12104.17
25	16.35	66844		V	0.06684	12671.68
26	16.49	130888		V	0.13089	19047.51
27	16.59	95831		V	0.09583	16426.07
28	16.79	108414		V	0.10841	16312.15
29	16.92	220929		V	0.22093	34589.96
30	17.01	154877		V	0.15488	29971.70
31	17.21	279888		V	0.27989	43606.40
32	17.40	485373		V	0.48537	63150.16
34	17.73	96667		V	0.09667	26236.13
35	17.79	194944		V	0.19494	35353.99
36	17.99	382443		V	0.38244	46692.41
37	18.14	559628		V	0.55963	91714.14
38	18.26	457358		V	0.45736	83812.48
39	18.38	64462		V	0.06446	15917.19
40	18.73	1063709		V	1.06371	100377.17
41	18.87	600973		V	0.60097	91082.33
42	18.99	181023		V	0.18102	31704.66
43	19.15	309926		V	0.30993	68586.96
44	19.23	352492		V	0.35249	69416.82
45	19.37	181112		V	0.18111	38541.06
	19.66	1400339	TOXAPHENE		0.50000	212303.20
48	19.78	712856		V	0.71286	78191.75
49	20.03	154012		V	0.15401	32521.10
50	20.16	215747		V	0.21575	36948.11
51	20.28	135684		V	0.13568	22561.65
52	20.45	329795		V	0.32980	52330.78
53	20.65	105737		V	0.10574	15405.96
54	20.77	124063		V	0.12406	24289.69
55	20.90	108765		V	0.10876	11552.86
56	21.18	14805		V	0.01480	2612.03
57	21.31	13208		V	0.01321	2357.06
58	21.59	11558		V	0.01156	1679.68
59	21.72	18167		V	0.01817	2120.32
60	21.96	8966		V	0.00897	1260.29
62	22.23	3247		V	0.00325	615.74
63	22.35	8534		V	0.00853	1403.27
64	22.78	602681		B	0.60268	119242.32
		11719261			10.81892	1.93e+06

Group Report For : TOXAPHENE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
33	17.57	346409	Toxaphene-a	V	0.50000	49094.83
46	19.46	474140	Toxaphene-b	V	0.50000	66887.76
47	19.66	579791	Toxaphene-c	V	0.50000	96320.61
		1400339			1.50000	212303.20

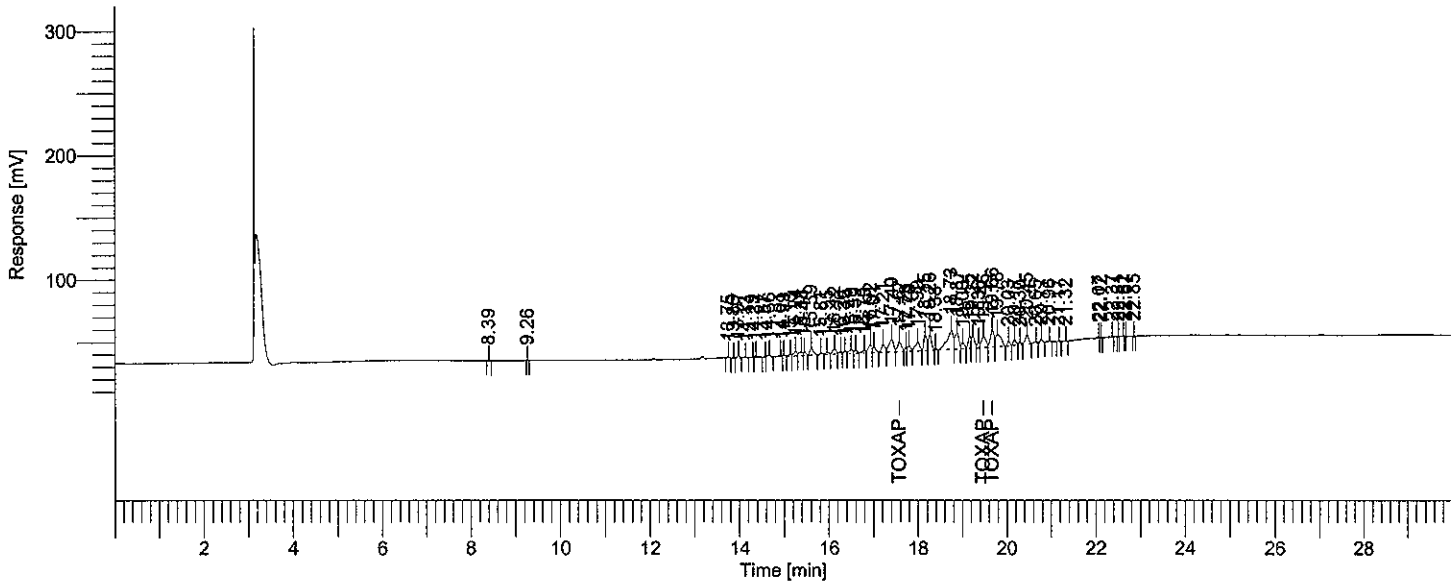
Sample Name : ICM14PG
File Name : H:\TURBO6\6890-05\5a02045.raw
Date : 01/28/2008 10:32:07
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset : 3.00 mV
Sample # : 0.5
Page 1 of 1
Time of Injection : 01/26/2008 00:25:00
End Time : 30.00 min
Low Point : 3.00 mV
High Point : 303.00 mV
Plot Scale : 300.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 69663
 Operator : tchrom
 Sample Number : 0.1
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 01/26/2008 01:01:28

Date : 01/28/2008 10:32:14
 Sample Name : ICM14PH
 Study : ICAL
 Rack/Vial : 1/46
 Channel : A
 A/D mV Range : 1000
 End Time : 29.97 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 4

Raw Data File : H:\TURBO6\6890-05\5a02046.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a02046.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02046.raw
 Proc Method : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02046.rst
 Calib Method : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02046.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-02.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.39	1081		B	0.00108	385.52
3	13.75	2518		B	0.00252	716.15
5	13.97	8273		V	0.00827	2211.10
6	14.13	1512		V	0.00151	250.45
7	14.29	1509		V	0.00151	460.30
8	14.37	6309		V	0.00631	1159.25
9	14.57	2683		B	0.00268	786.11
10	14.66	9117		V	0.00912	1787.32
11	14.91	7689		V	0.00769	1234.46
12	14.99	3967		V	0.00397	1085.40
13	15.13	6612		V	0.00661	1587.10
14	15.24	18409		V	0.01841	3590.05
15	15.38	20219		V	0.02022	2976.03
16	15.44	9958		V	0.00996	2536.20
17	15.59	33724		V	0.03372	6560.45
18	15.81	9161		V	0.00916	1545.41

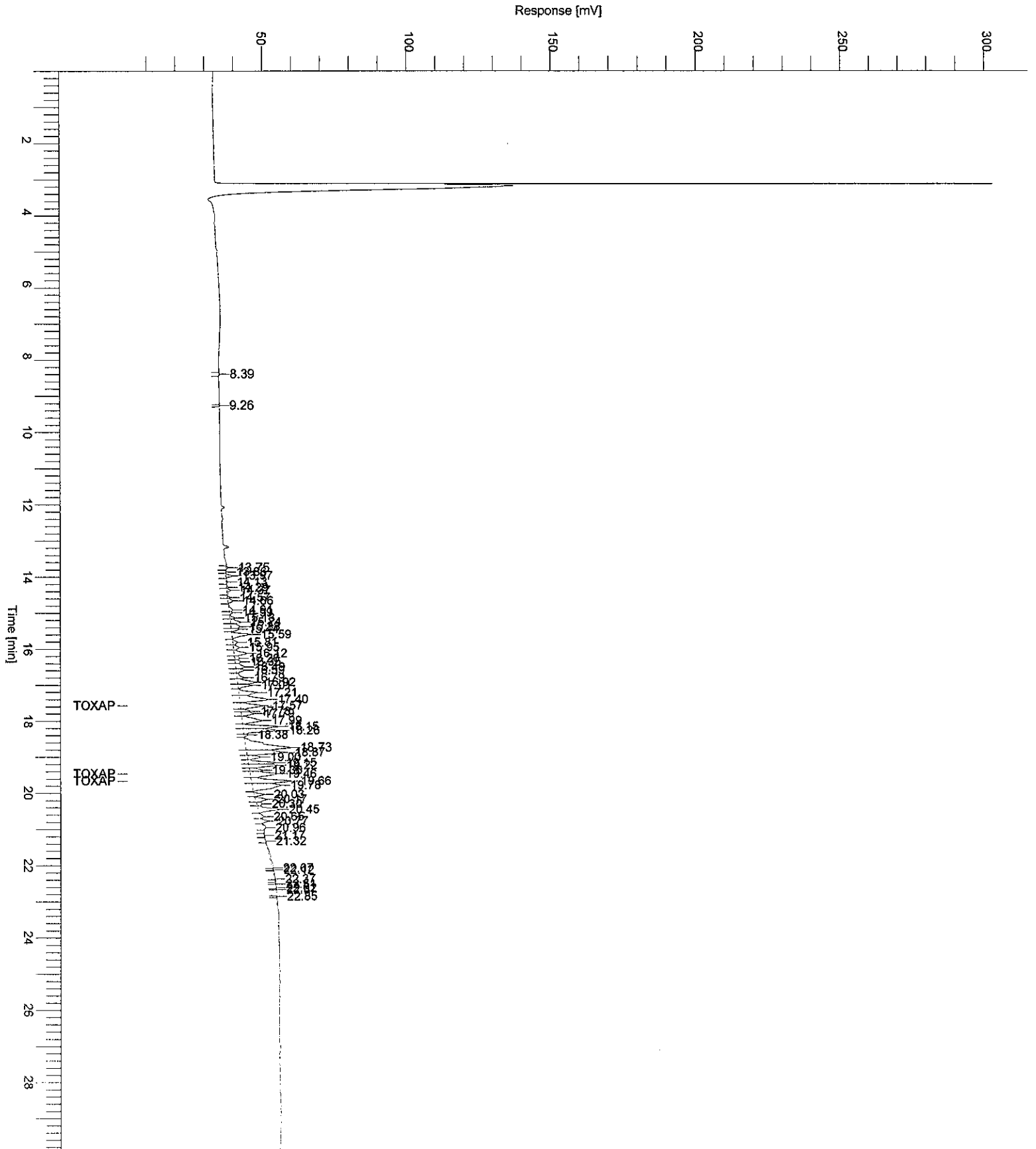
01/28/2008 10:32:14 Result: H:\TURBO6\6890-05\5a02046.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
19	15.95	11020		V	0.01102	1938.18
20	16.12	26389		V	0.02639	4362.99
21	16.26	9357		V	0.00936	1510.44
22	16.35	9596		V	0.00960	1875.51
23	16.49	19314		V	0.01931	3068.22
24	16.59	13690		V	0.01369	2735.44
25	16.79	13266		V	0.01327	2434.54
26	16.92	35737		V	0.03574	6093.92
27	17.01	20049		V	0.02005	4542.37
28	17.21	36853		V	0.03685	6380.36
29	17.40	70983		V	0.07098	9719.10
31	17.73	10772		V	0.01077	3169.17
32	17.79	22918		V	0.02292	4362.53
33	17.99	51532		V	0.05153	6668.09
34	18.15	58732		V	0.05873	12293.75
35	18.26	64949		V	0.06495	12451.61
36	18.38	3990		V	0.00399	1283.21
37	18.73	145452		B	0.14545	15375.39
38	18.87	83492		V	0.08349	13172.60
39	19.00	22405		V	0.02240	4497.03
40	19.15	39619		V	0.03962	9527.82
41	19.22	46256		V	0.04626	9624.71
42	19.36	19226		V	0.01923	4282.83
	19.66	190507	TOXAPHENE		0.10000	30271.12
45	19.78	85167		V	0.08517	9808.56
46	20.03	13794		B	0.01379	3441.15
47	20.17	21238		V	0.02124	3928.09
48	20.30	10412		V	0.01041	1823.78
49	20.45	40758		V	0.04076	7217.39
50	20.65	6378		V	0.00638	1186.79
51	20.77	9225		V	0.00923	2216.68
52	20.96	5260		B	0.00526	746.50
54	21.32	1004		B	0.00100	258.76
55	22.07	14238		V	0.01424	301.06
57	22.37	2129		V	0.00213	131.49
					1.28794	231572.49
		1378446				

Group Report For : TOXAPHENE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
30	17.57	48299	Toxaphene-a	V	0.10000	7572.25
43	19.46	61138	Toxaphene-b	V	0.10000	8981.45
44	19.66	81070	Toxaphene-c	V	0.10000	13717.42
					0.30000	30271.12
		190507				

Sample Name : ICM14PH Sample #: 0.1 Page 1 of 1
FileName : H:\TURBO6\6890-05\5a02046.raw
Date : 01/28/2008 10:32:15 Time of Injection: 01/26/2008 01:01:28
Method : 6890-5ins Start Time : 0.00 min End Time : 29.97 min Low Point : 3.00 mV High Point : 303.00 mV
Plot Offset: 3.00 mV Plot Scale: 300.0 mV



```

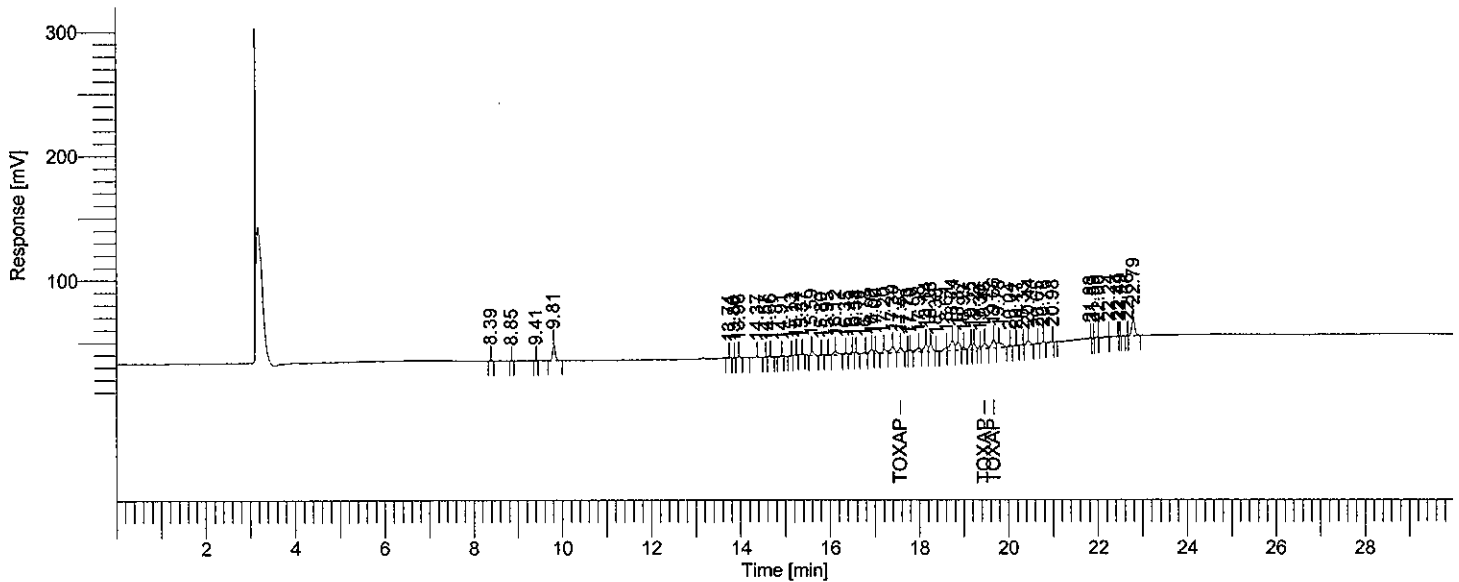
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69665
Operator          : tchrom
Sample Number     : 0.05
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 01/26/2008 01:37:41

Date              : 01/28/2008 10:32:21
Sample Name      : ICM14PG
Study            : ICAL
Rack/Vial        : 1/47
Channel          : A
A/D mV Range     : 1000
End Time         : 29.98 min

Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 5
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a02047.raw <Modified>
Result File   : H:\TURBO6\6890-05\5a02047.rst
Inst Method   : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02047.raw
Proc Method   : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02047.rst
Calib Method  : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02047.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.39	2040		B	0.00204	651.50
4	9.81	52369		*B	0.05237	13006.43
5	13.74	1538		B	0.00154	463.15
7	13.96	4825		V	0.00482	1283.25
8	14.37	4497		B	0.00450	705.54
9	14.57	1687		B	0.00169	442.23
10	14.66	5439		V	0.00544	1084.18
11	14.91	1842		B	0.00184	367.26
12	15.13	2552		B	0.00255	620.58
13	15.24	5311		V	0.00531	1363.97
14	15.37	2560		V	0.00256	490.37
15	15.59	17441		B	0.01744	3478.89
16	15.80	4983		B	0.00498	916.36
17	15.95	6155		V	0.00615	1085.39
18	16.12	20653		V	0.02065	2454.80
19	16.35	6430		V	0.00643	1048.90

01/28/2008 10:32:21 Result: H:\TURBO6\6890-05\5a02047.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
20	16.49	9914		V	0.00991	1633.32
21	16.58	7772		V	0.00777	1601.47
22	16.78	6924		V	0.00692	1343.80
23	16.92	19680		V	0.01968	3230.02
24	17.00	9314		V	0.00931	2262.04
25	17.20	18042		V	0.01804	3013.73
26	17.39	33356		V	0.03336	4627.92
28	17.73	5022		V	0.00502	1489.41
29	17.79	9813		V	0.00981	1847.54
30	17.98	22340		V	0.02234	2998.76
31	18.14	35974		V	0.03597	5976.52
32	18.26	31281		V	0.03128	5963.53
33	18.38	1918		V	0.00192	572.69
34	18.61	13270		B	0.01327	2686.12
35	18.74	54649		V	0.05465	7500.98
36	18.87	39023		V	0.03902	6231.57
37	18.99	9536		V	0.00954	2002.78
38	19.15	17064		V	0.01706	4374.91
39	19.22	20631		V	0.02063	4266.23
40	19.36	7490		V	0.00749	1776.03
	19.66	88247	TOXAPHENE		0.05000	14043.30
43	19.78	35215		V	0.03521	4175.42
44	20.04	5891		B	0.00589	1411.33
45	20.17	8734		V	0.00873	1596.46
46	20.33	6323		V	0.00632	1021.31
47	20.44	22092		V	0.02209	3493.75
48	20.65	4908		V	0.00491	754.15
49	20.78	6979		V	0.00698	1203.81
50	20.98	8431		V	0.00843	885.90
51	21.83	27125		V	0.02712	858.46
52	21.89	2389		V	0.00239	836.52
53	22.00	5103		V	0.00510	806.86
54	22.24	8688		V	0.00869	573.22
55	22.44	4645		V	0.00465	236.33
58	22.79	63925		V	0.06393	12394.44
					812028	0.77378 139153.43

Group Report For : TOXAPHENE

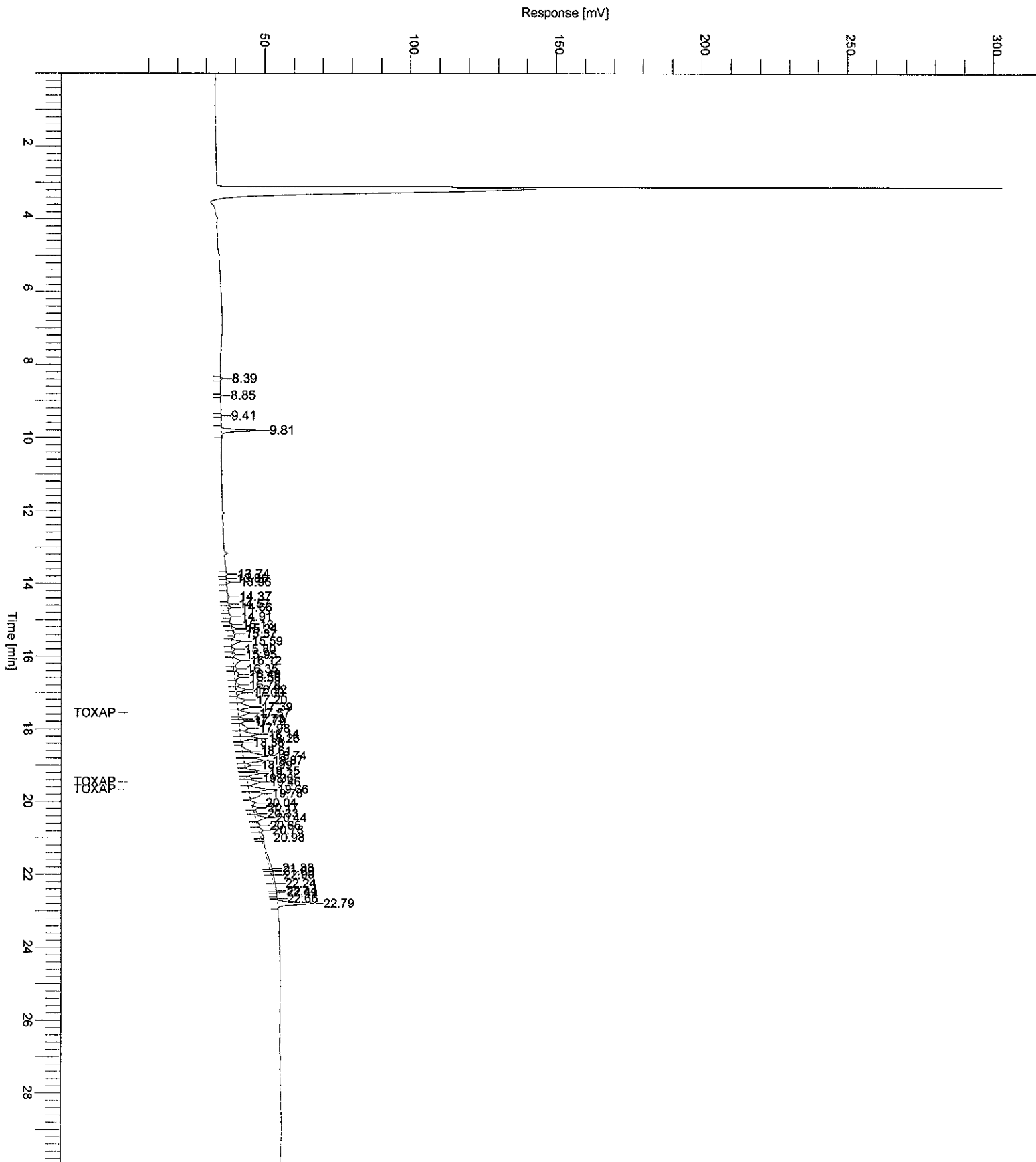
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
27	17.57	23371	Toxaphene-a	V	0.05000	3656.10
41	19.46	27033	Toxaphene-b	V	0.05000	4077.48
42	19.66	37842	Toxaphene-c	V	0.05000	6309.71
					88247	0.15000 14043.30

Sample Name : ICM14PG
FileName : H:\TURBO6\6890-05\5a02047.raw
Date : 01/28/2008 10:32:23
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 3.00 mV

Sample #: 0.05

Page 1 of 1

Time of Injection: 01/26/2008 01:37:41
End Time : 29.98 min
Plot Scale: 300.0 mV
Low Point : 3.00 mV
High Point : 303.00 mV



```

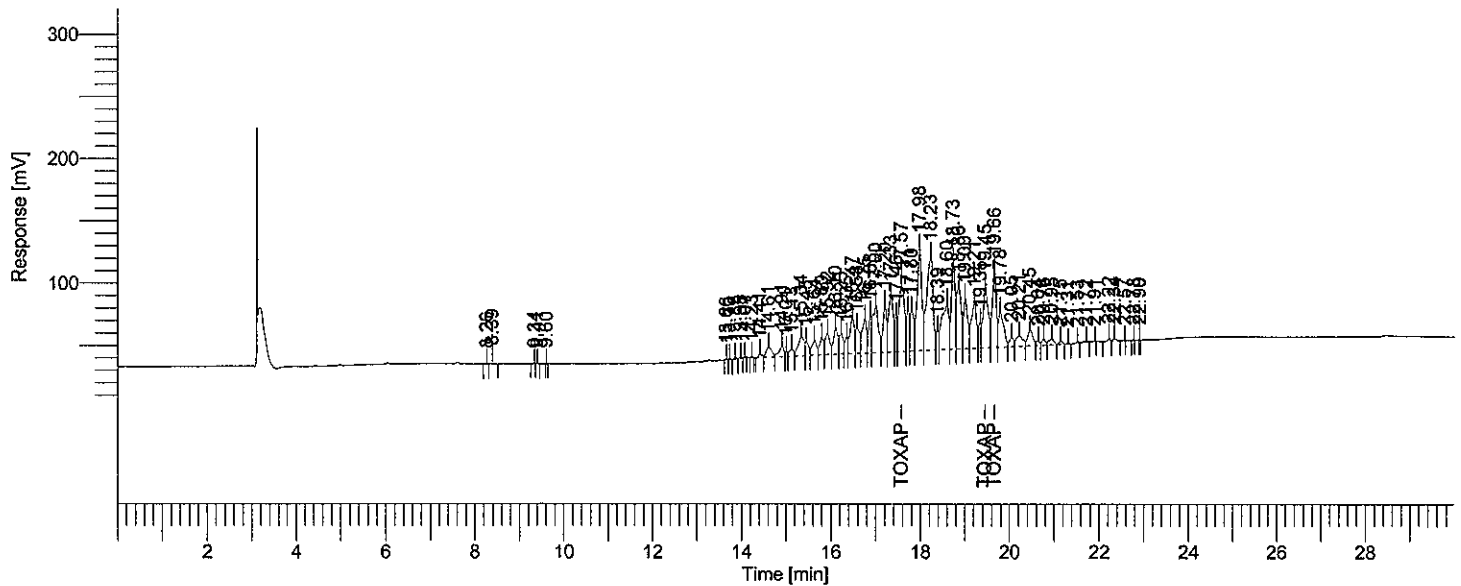
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69672
Operator          : tchrom
Sample Number     : 0.5
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 01/26/2008 02:13:56

Date              : 01/28/2008 10:42:49
Sample Name      : ACM14KA
Study           : ALT SOURCE
Rack/Vial       : 1/48
Channel        : A
A/D mV Range   : 1000
End Time       : 29.99 min

Area Reject     : 8000.000000
Dilution Factor : 1.00
Cycle           : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a02048.raw <Modified>
Result File   : H:\TURBO6\6890-05\5a02048.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a02048.raw
Proc Method  : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02048.rst
Calib Method : h:\turbo6\6890-05\05a-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5a02048.rst
Report Format File : h:\turbo6\6890-05\05pcb%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP6890-05 "A" RTXCLP I/"B"RTXCLP II

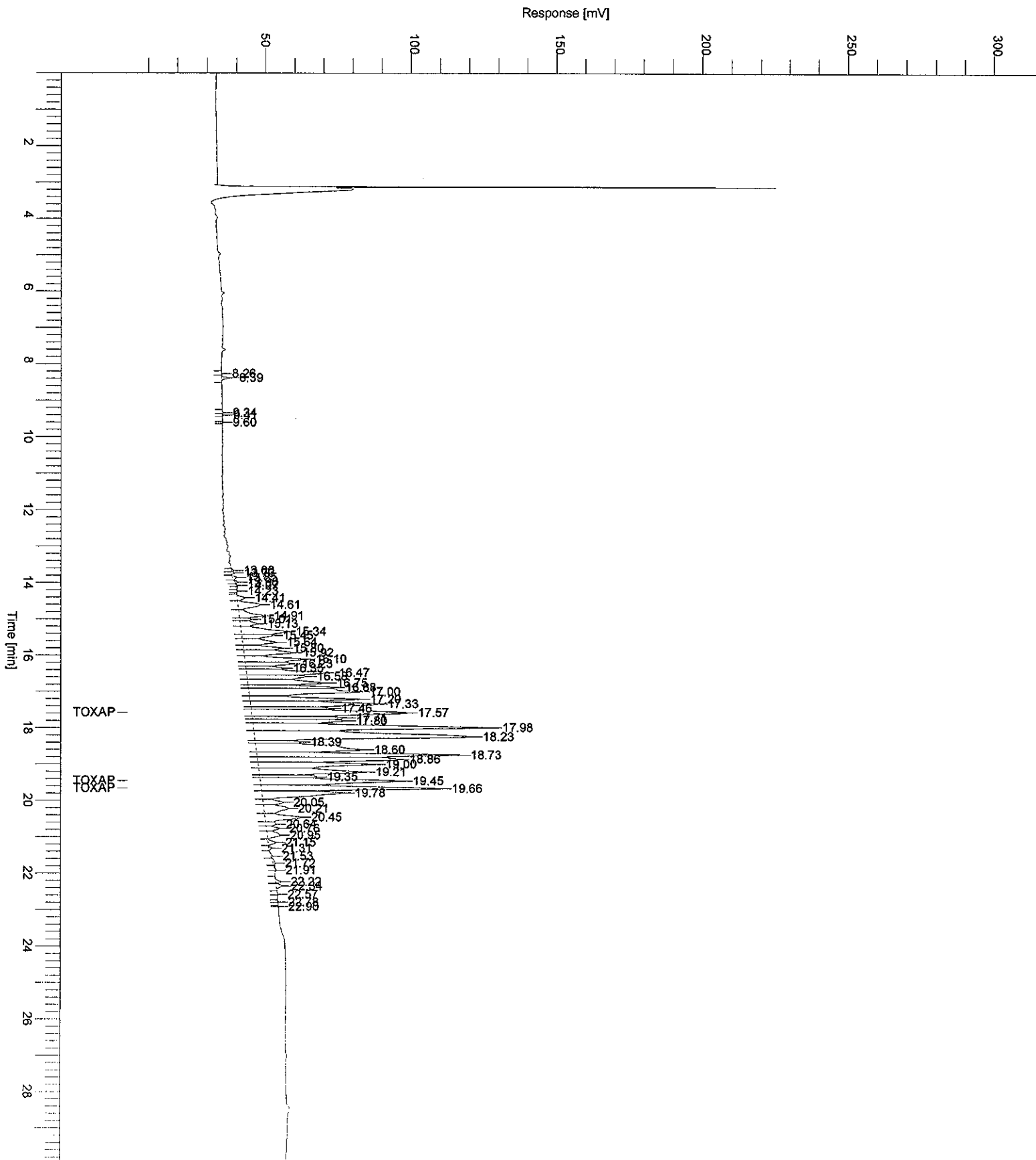
Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	INITIAL CAL FACTOR	CONTINUING CAL FACTOR	%D 0.5ng	# of Peaks
19.66	1254769	TOXAPHENE	0.45812	2.7e+06	2.5e+06	-8.4	3
	1254769		0.45812			-8.4	

Group Report For : TOXAPHENE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	INITIAL CAL FACTOR	CONTINUING CAL FACTOR	%D 0.5ng	# of Peaks
17.57	464866	Toxaphene-a	0.71628	649001.2	929731.9	43.3	0
19.45	395108	Toxaphene-b	0.42336	933263.0	790215.4	-15.3	0
19.66	394796	Toxaphene-c	0.34755	1.1e+06	789591.3	-30.5	0
	1254769		1.48719			-2.6	

Sample Name : ACM14KA
FileName : H:\TURBO6\6890-05\5a02048.raw
Date : 01/28/2008 10:42:50
Method : 6890-Sins
Start Time : 0.00 min
Plot Offset: 3.00 mV

Sample #: 0.5
Page 1 of 1
Time of Injection: 01/26/2008 02:13:56
End Time : 29.99 min
Low Point : 3.00 mV
High Point : 303.00 mV
Plot Scale: 300.0 mV



TotalChrom Method File H:\TURBO6\6890-05\05b-Toxaphene(01-26-08).mth
 Printed by : NearyM on: 01/29/2008 09:22:50
 Created by : NearyM on: 01/28/2008 10:19:37
 Edited by : NearyM on: 01/29/2008 09:22:41
 Number of Times Edited : 4
 Number of Times Calibrated : 670
 Description: TOXAPHENE CURVE 04-23-07

Processed by: MAN 1/29/08
 Reviewed by: DEB 2/8/08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

Toxaphene-a
 Component Type : Single Peak Component
 Retention Time : 18.689 min
 Search Window : 10.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	25087.63	3946.93	-----	-----	1
b	0.1000	72631.92	9109.33	-----	-----	1
c	0.5000	268221.86	44295.93	-----	-----	1
d	1.0000	501100.89	81771.23	-----	-----	1
e	1.5000	737096.42	121508.99	-----	-----	1

Calibration Curve : $y = (16231.553723) + (483486.013463)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998810

TOXAPHENE

Component Type : Named Group
 Group Members
 Toxaphene-a
 Toxaphene-b
 Toxaphene-c
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

01/29/2008 09:22:50 Method: H:\TURBO6\6890-05\05b-Toxaphene(01-26-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 3.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	89980.90	15395.08	-----	-----	1
B	0.1000	248706.79	35441.04	-----	-----	1
C	0.5000	1262197.55	194740.62	-----	-----	1
D	1.0000	2500632.18	388860.92	-----	-----	1
E	1.5000	3810195.37	593834.39	-----	-----	1

Calibration Curve : $y = (-22349.355077) + (2547130.024401)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999865

Toxaphene-b

Component Type : Single Peak Component
 Retention Time : 20.085 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	48796.84	8534.70	-----	-----	1
b	0.1000	128404.01	19017.65	-----	-----	1
c	0.5000	714178.78	107660.08	-----	-----	1
d	1.0000	1449554.11	222261.80	-----	-----	1
e	1.5000	2194705.61	338731.81	-----	-----	1

Calibration Curve : $y = (-23247.457187) + (1476786.236860)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999987

Toxaphene-c

Component Type : Single Peak Component
 Retention Time : 20.505 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

01/29/2008 09:22:50 Method: H:\TURBO6\6890-05\05b-Toxaphene(01-26-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	16096.43	2913.46	-----	-----	1
b	0.1000	47670.87	7314.06	-----	-----	1
C	0.5000	279796.91	42784.61	-----	-----	1
D	1.0000	549977.18	84827.89	-----	-----	1
E	1.5000	878393.34	133593.59	-----	-----	1

Calibration Curve : $y = (-15333.451613) + (586857.774078)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.998727

```

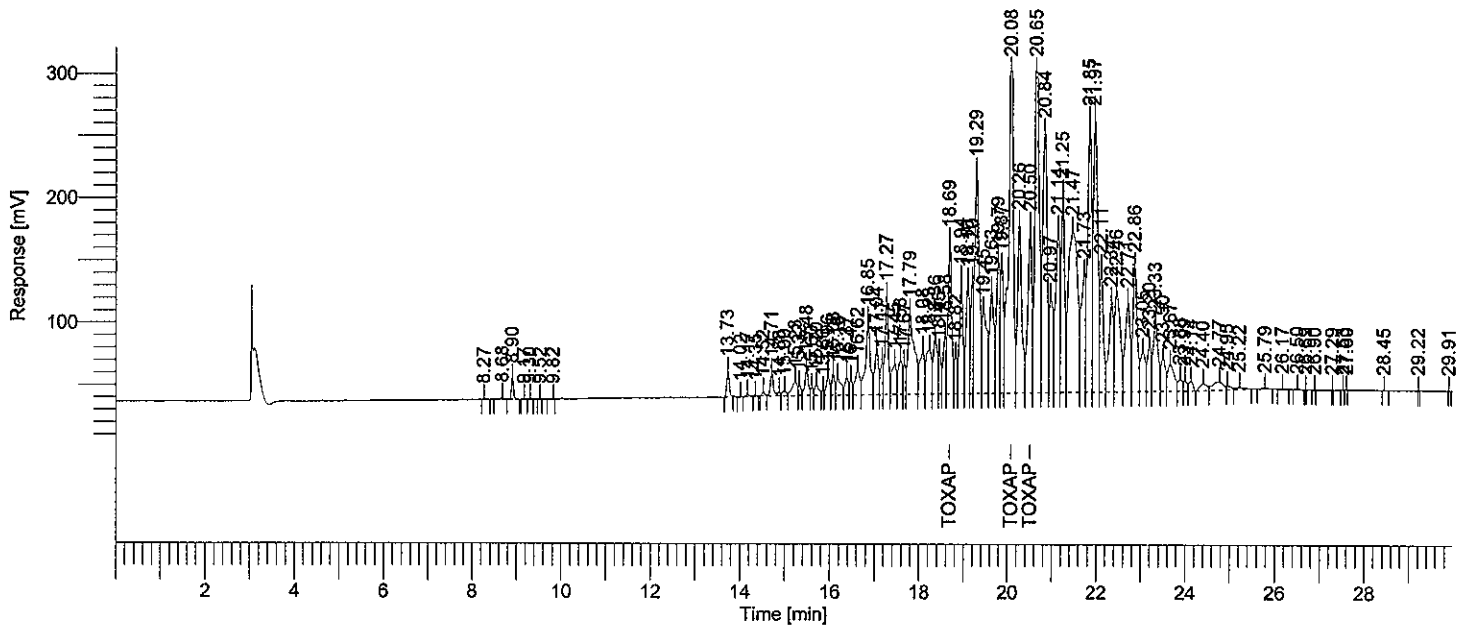
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69685
Operator          : tchrom
Sample Number     : 1.5
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 01/25/2008 23:12:28

Date              : 01/29/2008 09:21:56
Sample Name      : ICM14PD
Study           : ICAL
Rack/Vial       : 1/43
Channel        : B
A/D mV Range   : 1000
End Time       : 29.99 min

Area Reject    : 1000.000000
Dilution Factor : 1.00
Cycle         : 2
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b02043.raw <Modified>
Result File : H:\TURBO6\6890-05\5b02043.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02043.raw
Proc Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02043.rst
Calib Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02043.rst
Report Format File : h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.27	1388		B	0.00139	360.32
2	8.68	5979		B	0.00598	1250.47
3	8.90	53813		V	0.05381	16693.14
4	9.17	1206		B	0.00121	291.91
5	9.30	1368		V	0.00137	393.52
8	13.73	79875		B	0.07987	20172.65
9	14.02	1286		B	0.00129	245.71
10	14.17	8162		V	0.00816	1654.28
12	14.52	13235		B	0.01323	2998.48
13	14.71	84671		V	0.08467	18784.61
14	14.88	16030		E	0.01603	2656.00
15	15.00	25716		V	0.02572	3546.79
16	15.23	90682		V	0.09068	11036.05
17	15.32	37676		V	0.03768	7922.51
18	15.48	115006		V	0.11501	22488.12
19	15.60	27198		V	0.02720	6070.60

01/29/2008 09:21:56 Result: H:\TURBO6\6890-05\5b02043.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
20	15.70	56301		V	0.05630	8725.23
21	15.86	13314		V	0.01331	3629.36
22	15.96	82631		V	0.08263	14647.18
23	16.08	79908		V	0.07991	16731.48
24	16.18	106404		V	0.10640	13774.56
25	16.37	75645		V	0.07564	13729.93
26	16.47	57415		V	0.05742	12014.85
27	16.62	152455		V	0.15246	20151.19
28	16.85	442103		V	0.44210	58920.19
29	17.04	217748		V	0.21775	36549.71
30	17.17	114882		V	0.11488	25542.79
31	17.27	408510		V	0.40851	78782.71
32	17.45	184629		V	0.18463	23938.80
33	17.58	193838		V	0.19384	27508.92
34	17.67	96249		V	0.09625	23681.65
35	17.79	652431		V	0.65243	65106.64
36	18.08	263193		V	0.26319	34876.32
37	18.23	313670		V	0.31367	35799.44
38	18.36	290496		V	0.29050	45392.59
39	18.45	136674		V	0.13667	32080.92
40	18.58	204027		V	0.20403	45853.56
42	18.82	143356		V	0.14336	29535.42
43	18.94	510270		V	0.51027	91217.72
44	19.10	507685		V	0.50769	89335.40
45	19.20	361762		V	0.36176	90226.60
46	19.29	1284790		V	1.28479	177857.57
47	19.45	540804		V	0.54080	66080.68
48	19.63	576259		V	0.57626	81889.17
49	19.79	588165		V	0.58816	107848.63
50	19.87	498655		V	0.49865	101347.03
	20.08	3810195	TOXAPHENE		1.50000	593834.39
52	20.26	928904		V	0.92890	134799.61
54	20.65	2014455		V	2.01446	320657.56
55	20.84	1527350		V	1.52735	208792.39
56	20.97	496483		V	0.49648	76055.23
57	21.14	873106		V	0.87311	130364.48
58	21.25	954111		V	0.95411	159423.99
59	21.47	1836839		V	1.83684	129438.90
60	21.73	630727		V	0.63073	94787.06
61	21.85	1466679		V	1.46668	217964.12
62	21.97	1561166		V	1.56117	217798.52
63	22.11	555782		V	0.55578	98629.66
64	22.34	512319		V	0.51232	72254.43
65	22.46	711490		V	0.71149	80373.51
66	22.71	555863		V	0.55586	71323.30
67	22.86	699276		V	0.69928	99690.76
68	23.05	249004		V	0.24900	31073.00
69	23.20	234118		V	0.23412	37569.78
70	23.33	422643		V	0.42264	53760.61
71	23.50	187873		V	0.18787	27062.33
72	23.67	222411		V	0.22241	21329.21
73	23.88	63569		V	0.06357	8954.40
74	23.99	53800		V	0.05380	8077.52
75	24.14	51321		V	0.05132	7734.23
76	24.40	63912		B	0.06391	5773.35
77	24.77	113368		V	0.11337	6603.03
78	24.95	22204		V	0.02220	2942.17
79	25.22	19744		V	0.01974	1546.16
80	25.79	6428		B	0.00643	535.68
81	26.17	1791		B	0.00179	242.35
82	26.50	3169		B	0.00317	519.07
					<hr/>	
					28.25747	4.51e+06

30567662

01/29/2008 09:21:56 Result: H:\TURBO6\6890-05\5b02043.rst

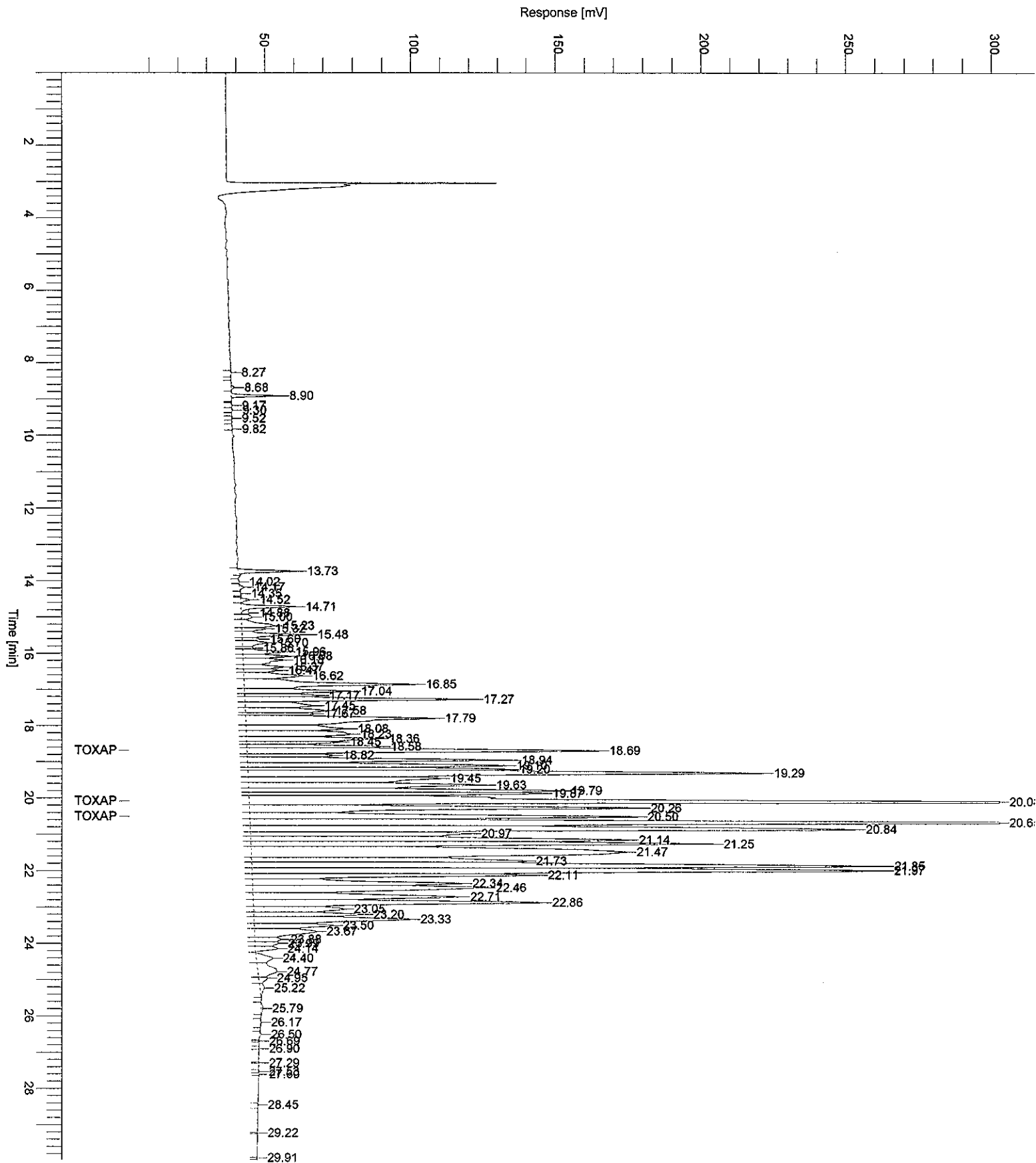
Group Report For : TOXAPHENE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
41	18.69	737096	Toxaphene-a	V	1.50000	121508.99
51	20.08	2194706	Toxaphene-b	V	1.50000	338731.81
53	20.50	878393	Toxaphene-c	V	1.50000	133593.59
		3810195			4.50000	593834.39

Sample Name : ICM14PD
FileName : H:\TURBO6\6890-05\5b02043.raw
Date : 01/29/2008 09:21:58
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 3.00 mV

Sample #: 1.5 Page 1 of 1

Time of Injection: 01/25/2008 23:12:28
End Time : 29.99 min Low Point : 3.00 mV High Point : 303.00 mV
Plot Scale: 300.0 mV



```

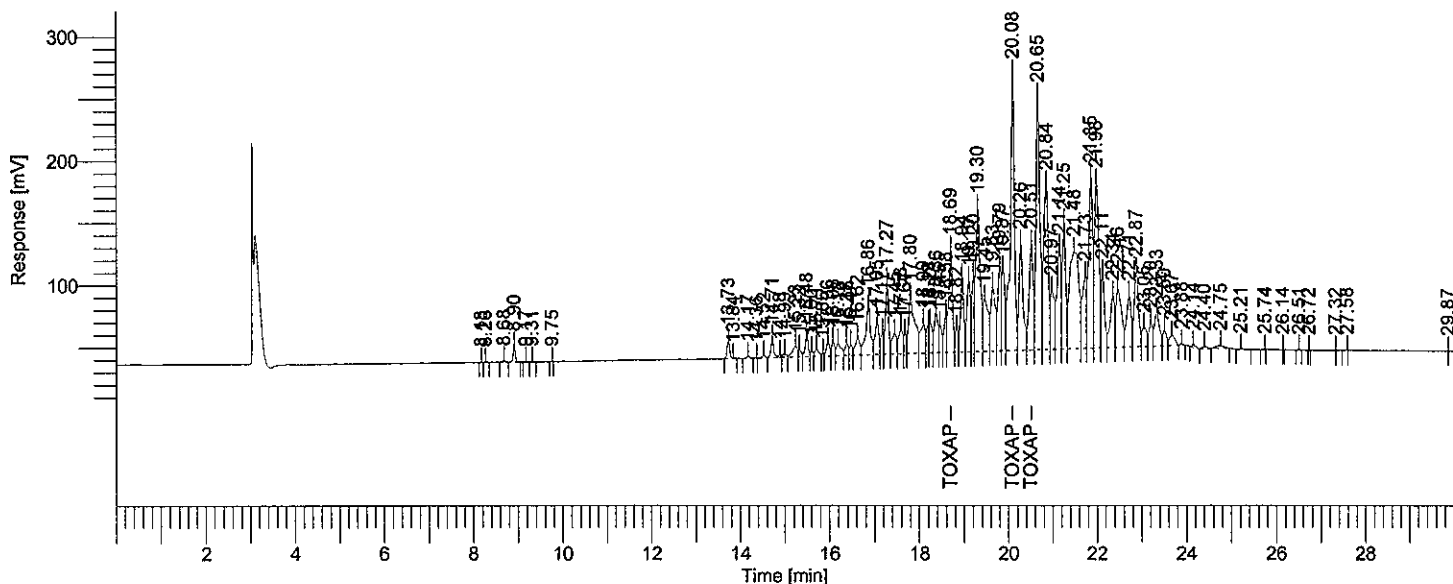
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69682
Operator          : tchrom
Sample Number     : 1.0
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 01/25/2008 23:48:57

Date              : 01/29/2008 09:15:53
Sample Name      : ICM14PH
Study            : ICAL
Rack/Vial       : 1/44
Channel         : B
A/D mV Range    : 1000
End Time        : 30.00 min

Area Reject     : 1000.000000
Dilution Factor : 1.00
Cycle           : 3
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b02044.raw <Modified>
Result File   : H:\TURBO6\6890-05\5b02044.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02044.raw
Proc Method  : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02044.rst
Calib Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02044.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
3	8.68	4482		B	0.00448	973.47
4	8.90	40072		V	0.04007	12488.26
5	9.17	1233		B	0.00123	253.24
6	9.31	1167		V	0.00117	301.61
8	13.73	59748		B	0.05975	14706.57
9	13.84	1908		E	0.00191	497.74
10	14.17	8117		B	0.00812	1505.70
12	14.52	11269		V	0.01127	2216.41
13	14.71	65462		V	0.06546	14790.62
14	14.88	11023		E	0.01102	1844.25
15	14.99	17170		V	0.01717	2430.56
16	15.23	66147		V	0.06615	8311.39
17	15.32	25916		V	0.02592	5742.04
18	15.48	84330		V	0.08433	17157.11
19	15.60	19350		V	0.01935	4300.70
20	15.71	36467		V	0.03647	5910.90

01/29/2008 09:15:53 Result: H:\TURBO6\6890-05\5b02044.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
21	15.85	6442		V	0.00644	1971.46
22	15.96	60319		V	0.06032	11337.31
23	16.08	53523		V	0.05352	11585.07
24	16.18	73047		V	0.07305	9804.68
25	16.38	50819		V	0.05082	9698.14
26	16.47	38216		V	0.03822	8230.16
27	16.62	100293		V	0.10029	13901.38
28	16.86	315327		V	0.31533	42463.21
29	17.05	152948		V	0.15295	25927.24
30	17.17	73597		V	0.07360	17025.24
31	17.27	293332		V	0.29333	57735.84
32	17.45	124008		V	0.12401	16178.41
33	17.58	133406		V	0.13341	19282.14
34	17.67	63036		V	0.06304	15888.21
35	17.80	447396		V	0.44740	45296.34
36	18.09	177175		V	0.17717	23860.59
37	18.19	87298		V	0.08730	22880.57
38	18.24	121702		V	0.12170	23827.53
39	18.36	193327		V	0.19333	32110.53
40	18.45	97312		V	0.09731	21487.29
41	18.58	128339		V	0.12834	30630.56
43	18.82	84992		V	0.08499	18169.39
44	18.94	327849		V	0.32785	59727.28
45	19.10	318945		V	0.31894	56636.97
46	19.20	249134		V	0.24913	60394.62
47	19.30	824716		V	0.82472	114672.42
48	19.45	339722		V	0.33972	41674.62
49	19.63	362935		V	0.36293	51389.06
50	19.79	370846		V	0.37085	68314.59
51	19.87	320235		V	0.32024	64503.23
	20.08	2500632	TOXAPHENE		1.00000	388860.92
53	20.26	571002		V	0.57100	84975.82
55	20.65	1272808		V	1.27281	202536.74
56	20.84	969933		V	0.96993	131673.03
57	20.97	296714		V	0.29671	46989.04
58	21.14	546376		V	0.54638	80742.11
59	21.25	584287		V	0.58429	99229.85
60	21.48	1115281		V	1.11528	77631.76
61	21.73	387564		V	0.38756	57633.80
62	21.85	901304		V	0.90130	136604.61
63	21.98	921325		V	0.92132	132105.15
64	22.11	329280		V	0.32928	58881.44
65	22.34	282634		V	0.28263	41531.95
66	22.46	401669		V	0.40167	46432.15
67	22.71	309174		V	0.30917	40766.37
68	22.87	405765		V	0.40577	59859.41
69	23.05	114585		V	0.11458	14977.03
70	23.20	111911		V	0.11191	18596.52
71	23.33	205224		V	0.20522	27520.64
72	23.50	76125		V	0.07612	11990.72
73	23.67	69494		V	0.06949	8164.89
74	23.88	3516		V	0.00352	850.92
75	24.14	10972		B	0.01097	1839.27
76	24.40	13764		B	0.01376	1735.17
77	24.75	25679		V	0.02568	2065.53
78	25.21	4202		B	0.00420	523.38
81	26.51	1010		B	0.00101	222.60
		18876328			17.37570	2.86e+06

01/29/2008 09:15:53 Result: H:\TURBO6\6890-05\5b02044.rst

Group Report For : TOXAPHENE

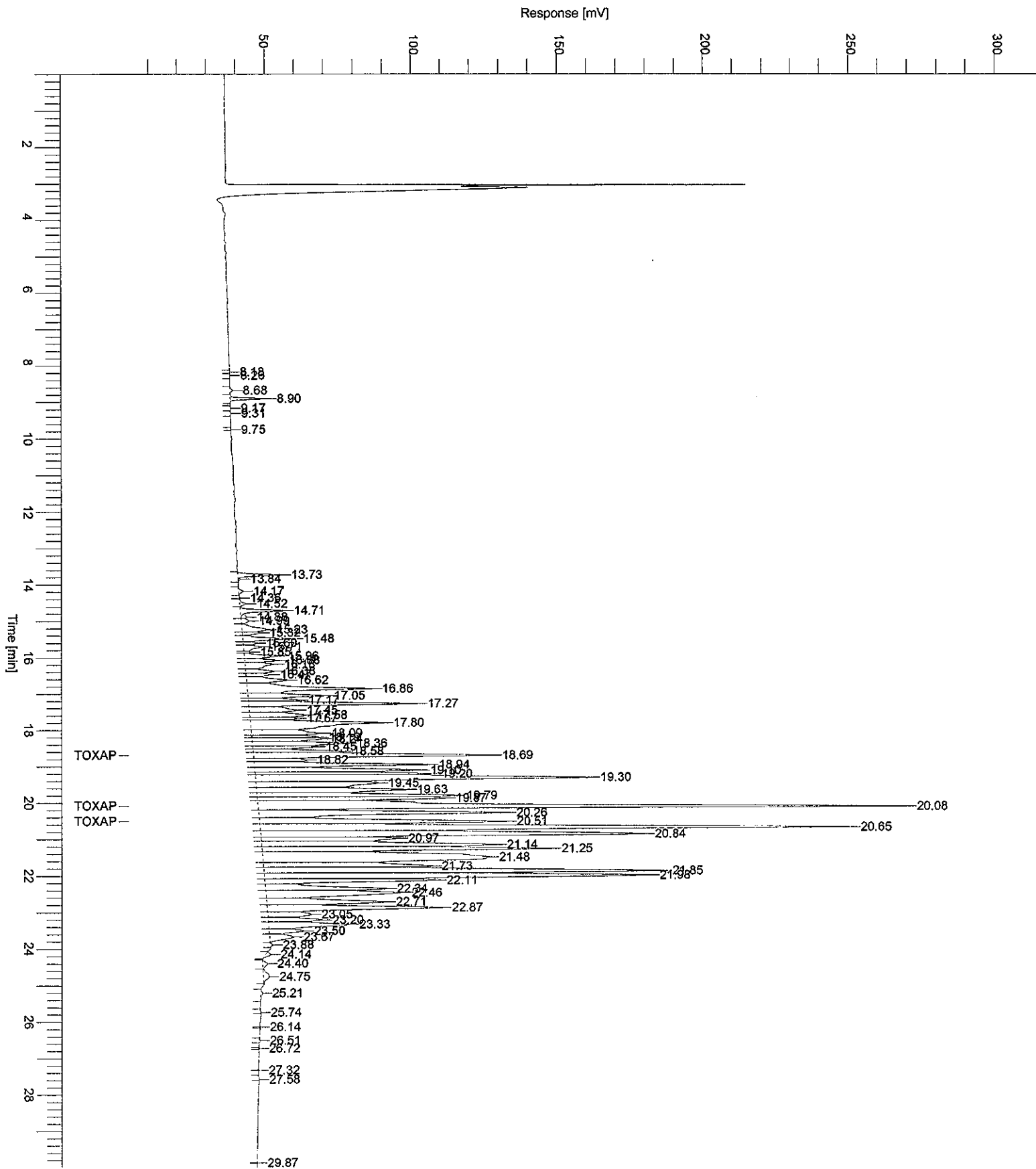
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
42	18.69	501101	Toxaphene-a	V	1.00000	81771.23
52	20.08	1449554	Toxaphene-b	V	1.00000	222261.80
54	20.51	549977	Toxaphene-c	V	1.00000	84827.89
		2500632			3.00000	388860.92

Sample Name : ICM14PH
FileName : H:\TURBO\68890-05\5b02044.raw
Date : 01/29/2008 09:15:55
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 3.00 mV

Sample #: 1.0

Page 1 of 1

Time of Injection: 01/25/2008 23:48:57
End Time : 30.00 min
Low Point : 3.00 mV
High Point : 303.00 mV
Plot Scale: 300.0 mV



```

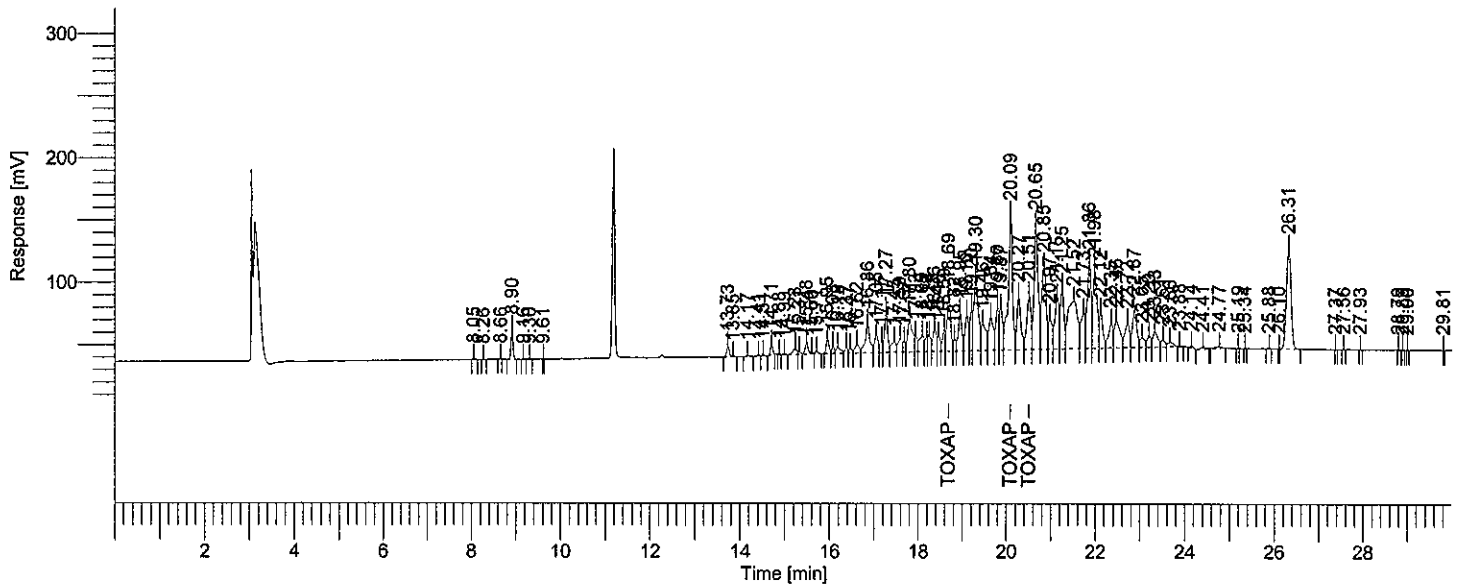
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 69684
Operator : tchrom
Sample Number : 0.5
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 01/26/2008 00:25:00

Date : 01/29/2008 09:16:01
Sample Name : ICM14PG
Study : ICAL
Rack/Vial : 1/45
Channel : B
A/D mV Range : 1000
End Time : 30.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 4
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b02045.raw <Modified>
Result File : H:\TURBO6\6890-05\5b02045.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02045.raw
Proc Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02045.rst
Calib Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02045.rst
Report Format File : h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.05	2775		B	0.00278	855.54
4	8.90	76297		B	0.07630	23807.78
8	13.73	32873		B	0.03287	8125.26
10	14.17	5136		B	0.00514	946.86
11	14.41	3694		B	0.00369	816.22
12	14.51	4933		V	0.00493	1238.20
13	14.71	30708		B	0.03071	8262.94
15	14.99	3567		B	0.00357	678.27
16	15.23	31446		B	0.03145	4335.89
17	15.31	10646		V	0.01065	2568.04
18	15.48	43327		V	0.04333	9498.99
19	15.60	5609		E	0.00561	1423.91
20	15.71	10356		V	0.01036	2349.55
21	15.95	49661		B	0.04966	11428.32
22	16.08	23295		V	0.02329	5561.01
23	16.18	32803		V	0.03280	5029.40

01/29/2008 09:16:01 Result: H:\TURBO6\6890-05\5b02045.rst

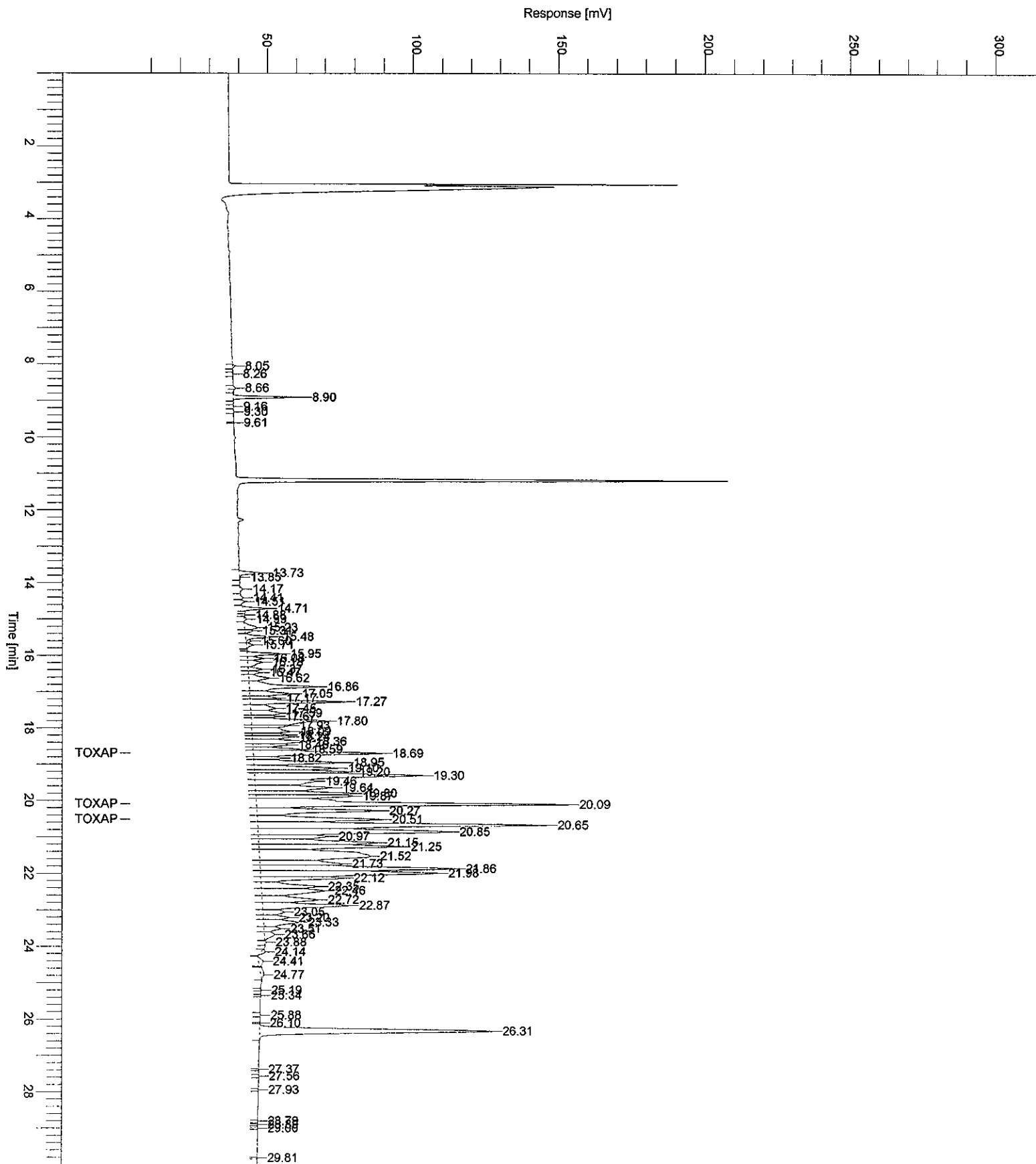
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
24	16.37	21432		V	0.02143	4721.44
25	16.47	18008		V	0.01801	3915.59
26	16.62	45434		V	0.04543	6891.23
27	16.86	171521		V	0.17152	23539.44
28	17.05	82993		V	0.08299	14531.70
29	17.17	38613		V	0.03861	9084.55
30	17.27	165031		V	0.16503	32807.18
31	17.45	64096		V	0.06410	8635.43
32	17.59	69540		V	0.06954	10497.65
33	17.67	34031		V	0.03403	8384.18
34	17.80	200534		V	0.20053	25888.29
35	17.93	49853		V	0.04985	12982.01
36	18.09	96867		V	0.09687	13190.94
37	18.19	47355		V	0.04736	12354.28
38	18.24	64014		V	0.06401	12802.87
39	18.36	107173		V	0.10717	18303.40
40	18.46	54887		V	0.05489	12089.67
41	18.59	70802		V	0.07080	16754.44
43	18.82	43013		V	0.04301	9343.89
44	18.95	170441		V	0.17044	30738.13
45	19.10	158466		V	0.15847	28729.32
46	19.20	136699		V	0.13670	32474.26
47	19.30	421780		V	0.42178	57856.86
48	19.46	171235		V	0.17123	20967.80
49	19.64	187299		V	0.18730	26400.99
50	19.80	180583		V	0.18058	34395.87
51	19.87	167939		V	0.16794	33208.56
	20.09	1262198	TOXAPHENE		0.50000	194740.62
53	20.27	284747		V	0.28475	42082.74
55	20.65	635851		V	0.63585	99768.51
56	20.85	487683		V	0.48768	65708.75
57	20.97	149593		V	0.14959	24227.86
58	21.15	273154		V	0.27315	40761.94
59	21.25	289610		V	0.28961	48656.72
60	21.52	547752		V	0.54775	37920.51
61	21.73	191121		V	0.19112	28201.63
62	21.86	447042		V	0.44704	67133.29
63	21.98	429440		V	0.42944	61007.73
64	22.12	158402		V	0.15840	28433.27
65	22.35	138377		V	0.13838	19601.57
66	22.46	193153		V	0.19315	21638.45
67	22.72	150530		V	0.15053	19198.21
68	22.87	203670		V	0.20367	29625.93
69	23.05	55757		V	0.05576	7215.88
70	23.20	53835		V	0.05383	8830.91
71	23.33	93924		V	0.09392	11899.31
72	23.51	37267		V	0.03727	5738.20
73	23.66	31198		V	0.03120	3610.54
74	23.88	2044		V	0.00204	419.26
75	24.14	8509		B	0.00851	1363.50
76	24.41	16676		B	0.01668	1587.60
77	24.77	15661		V	0.01566	985.07
82	26.31	580818		V	0.58082	80092.16
		10144775			9.38258	1.56e+06

Group Report For : TOXAPHENE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
42	18.69	268222	Toxaphene-a	V	0.50000	44295.93
52	20.09	714179	Toxaphene-b	V	0.50000	107660.08
54	20.51	279797	Toxaphene-c	V	0.50000	42784.61
		1262198			1.50000	194740.62

Sample Name : ICM14PG
FileName : H:\TURBO6\6890-05\5b02045.raw
Date : 01/29/2008 09:16:02
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 3.00 mV

Sample #: 0.5
Page 1 of 1
Time of Injection: 01/26/2008 00:25:00
End Time : 30.00 min
Low Point : 3.00 mV
High Point : 303.00 mV
Plot Scale: 300.0 mV



```

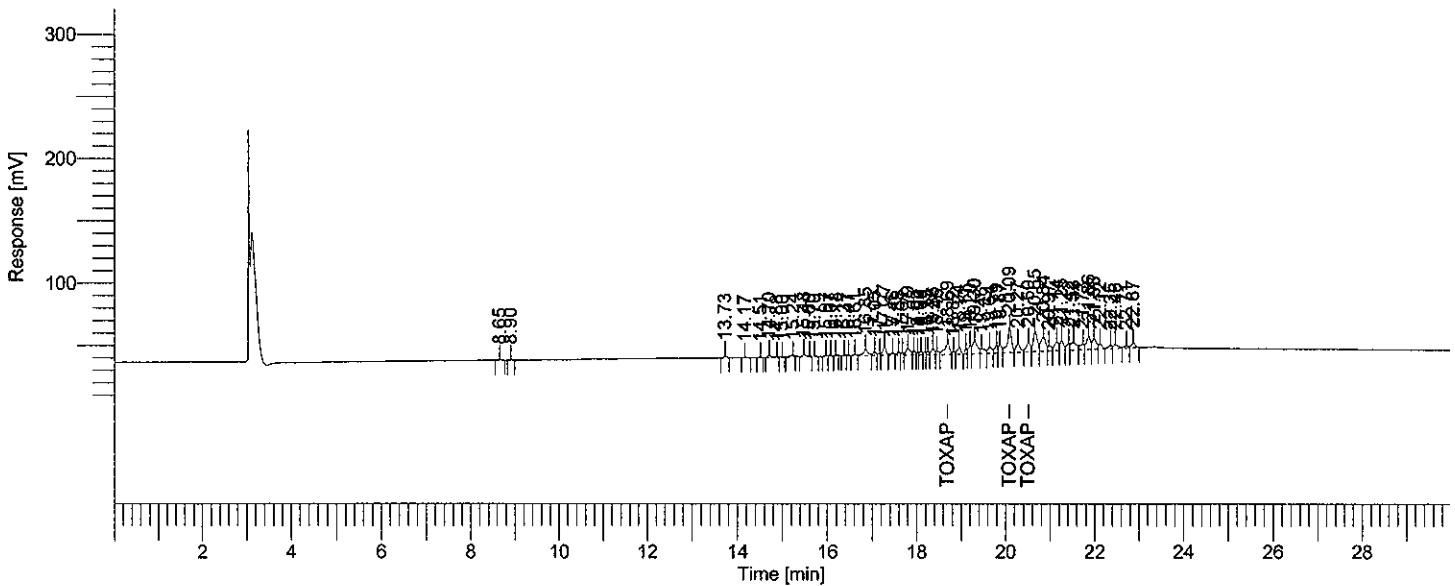
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 69670
Operator          : tchrom
Sample Number     : 0.1
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 01/26/2008 01:01:28

Date              : 01/28/2008 10:39:09
Sample Name      : ICM14PH
Study            : ICAL
Rack/Vial       : 1/46
Channel         : B
A/D mV Range    : 1000
End Time        : 29.97 min

Area Reject     : 1000.000000
Dilution Factor : 1.00
Cycle           : 4
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b02046.raw <Modified>
Result File   : H:\TURBO6\6890-05\5b02046.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02046.raw
Proc Method  : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02046.rst
Calib Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02046.rst
Report Format File : h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.65	2007		B	0.00201	391.97
2	8.90	1615		B	0.00162	442.70
3	13.73	6759		B	0.00676	1668.30
4	14.17	1191		B	0.00119	260.65
6	14.70	8868		B	0.00887	2140.77
9	15.24	4323		B	0.00432	644.65
10	15.48	8908		B	0.00891	2103.08
11	15.60	1346		E	0.00135	378.83
12	15.70	1826		V	0.00183	411.35
13	15.97	4094		B	0.00409	987.01
14	16.07	3040		V	0.00304	857.56
15	16.18	2281		B	0.00228	716.84
16	16.37	3351		B	0.00335	873.45
17	16.47	2972		V	0.00297	734.54
18	16.61	5792		V	0.00579	1030.73
19	16.85	34729		V	0.03473	4905.91

01/28/2008 10:39:09 Result: H:\TURBO6\6890-05\5b02046.rst

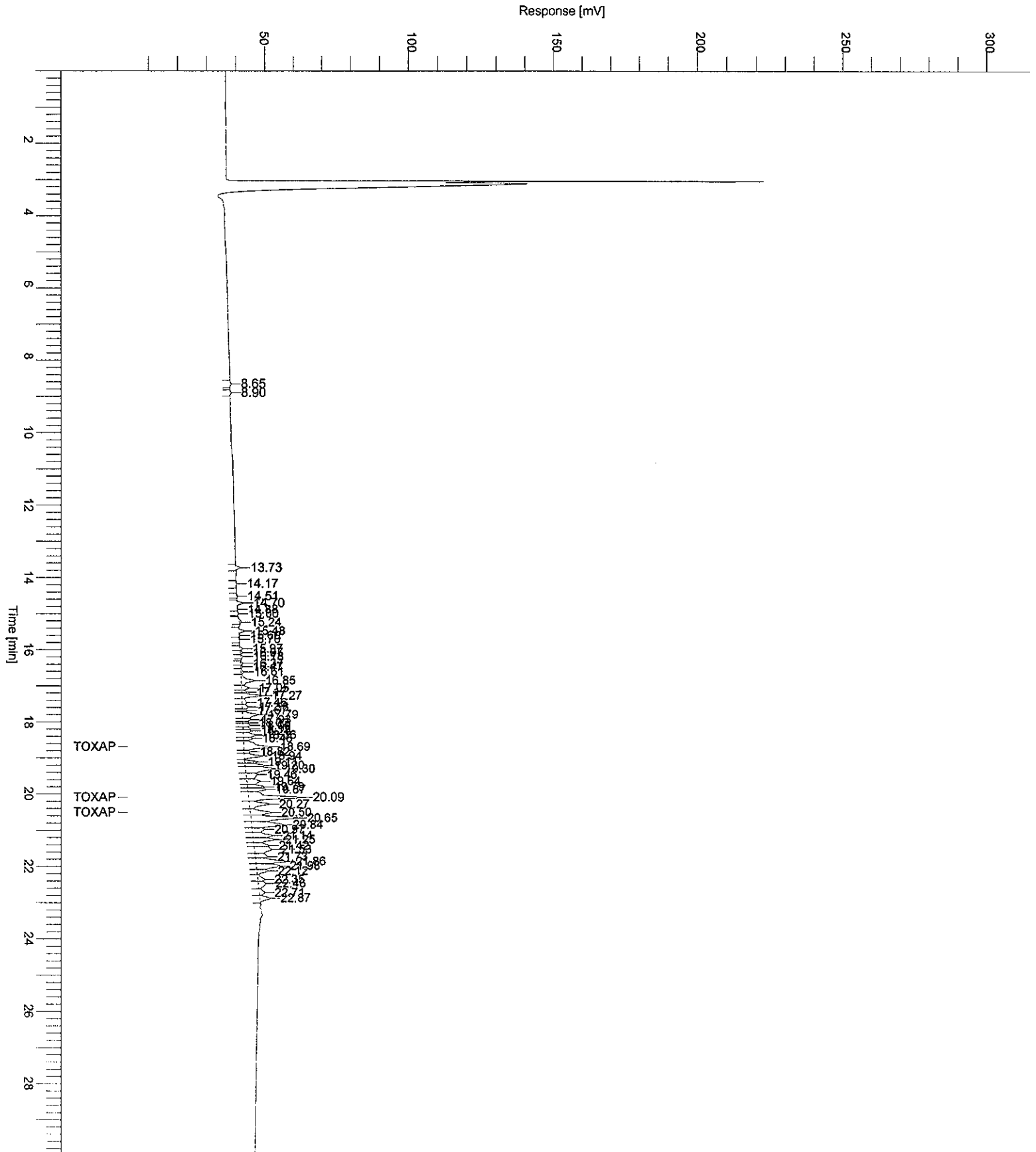
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
20	17.05	13925		V	0.01393	2490.94
21	17.17	6400		V	0.00640	1633.34
22	17.27	34886		V	0.03489	6984.61
23	17.46	11673		V	0.01167	1612.40
24	17.58	12526		V	0.01253	2123.69
25	17.67	6670		V	0.00667	1612.71
26	17.79	37699		V	0.03770	5340.97
27	17.93	12814		V	0.01281	2795.71
28	18.02	5012		V	0.00501	1933.34
29	18.09	13052		V	0.01305	2542.01
30	18.19	9552		V	0.00955	2500.38
31	18.25	12671		V	0.01267	2622.21
32	18.36	25588		V	0.02559	4432.94
33	18.46	14506		V	0.01451	3013.10
35	18.82	8865		V	0.00887	1957.74
36	18.94	33656		V	0.03366	6012.51
37	19.11	17589		B	0.01759	4561.15
38	19.20	30528		V	0.03053	6672.15
39	19.30	76936		V	0.07694	10320.15
40	19.46	30719		V	0.03072	3752.28
41	19.64	33700		V	0.03370	4736.62
42	19.79	29454		V	0.02945	5849.36
43	19.87	32019		V	0.03202	6129.26
	20.09	248707	TOXAPHENE		0.10000	35441.04
45	20.27	47148		V	0.04715	6890.41
47	20.65	106990		V	0.10699	16170.55
48	20.84	83812		V	0.08381	10948.21
49	20.97	26039		V	0.02604	4299.16
50	21.14	45571		V	0.04557	6910.27
51	21.25	45143		V	0.04514	7637.68
52	21.42	26997		V	0.02700	5223.77
53	21.53	56801		V	0.05680	5992.61
54	21.73	29359		V	0.02936	4299.59
55	21.86	68506		V	0.06851	10440.66
56	21.98	57739		V	0.05774	8305.85
57	22.12	21003		V	0.02100	3916.22
58	22.35	15641		V	0.01564	2307.81
59	22.46	22665		V	0.02266	2571.80
60	22.71	13307		V	0.01331	1905.58
61	22.87	22721		*V	0.02272	3715.36
		1541692			1.39299	247154.47

Group Report For : TOXAPHENE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
34	18.69	72632	Toxaphene-a	V	0.10000	9109.33
44	20.09	128404	Toxaphene-b	V	0.10000	19017.65
46	20.50	47671	Toxaphene-c	V	0.10000	7314.06
		248707			0.30000	35441.04

Sample Name : ICM14PH
FileName : H:\TURBO6\6890-05\5b02046.raw
Date : 01/28/2008 10:39:11
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 3.00 mV

Sample #: 0.1
Page 1 of 1
Time of Injection: 01/26/2008 01:01:28
End Time : 29.97 min
Low Point : 3.00 mV
High Point : 303.00 mV
Plot Scale: 300.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 01/28/2008 10:39:12
Reprocess Number	: buf2048: 69671		
Operator	: tchrom	Sample Name	: ICM14PG
Sample Number	: 0.05	Study	: ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/47
Instrument Name	: HP6890-05	Channel	: B
Instrument Serial #	: CN10520009	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 01/26/2008 01:37:41	Cycle	: 5

Raw Data File : H:\TURBO6\6890-05\5b02047.raw <Modified>

Result File : H:\TURBO6\6890-05\5b02047.rst

Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02047.raw

Proc Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02047.rst

Calib Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02047.rst

Report Format File: h:\turbo6\6890-05\05samp.rpt

Sequence File : H:\TURBO6\6890-05\5D-02.seq

AUTO-CALIBRATION REPORT

Updating Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth

Calibration performed at level: A

Values will replace previous averages in the method

Retention times in the method will be updated

Reported response values are the method averages.

Calibration Status

Component	C0	C1	C2	C3	r^2	Status
Toxaphene-a	—	—	—	—	—	18
Toxaphene-b	—	—	—	—	—	18
TOXAPHENE	—	—	—	—	—	18
Toxaphene-c	—	—	—	—	—	18

Calibration Status Explanations

18 = Component calibrated successfully


```

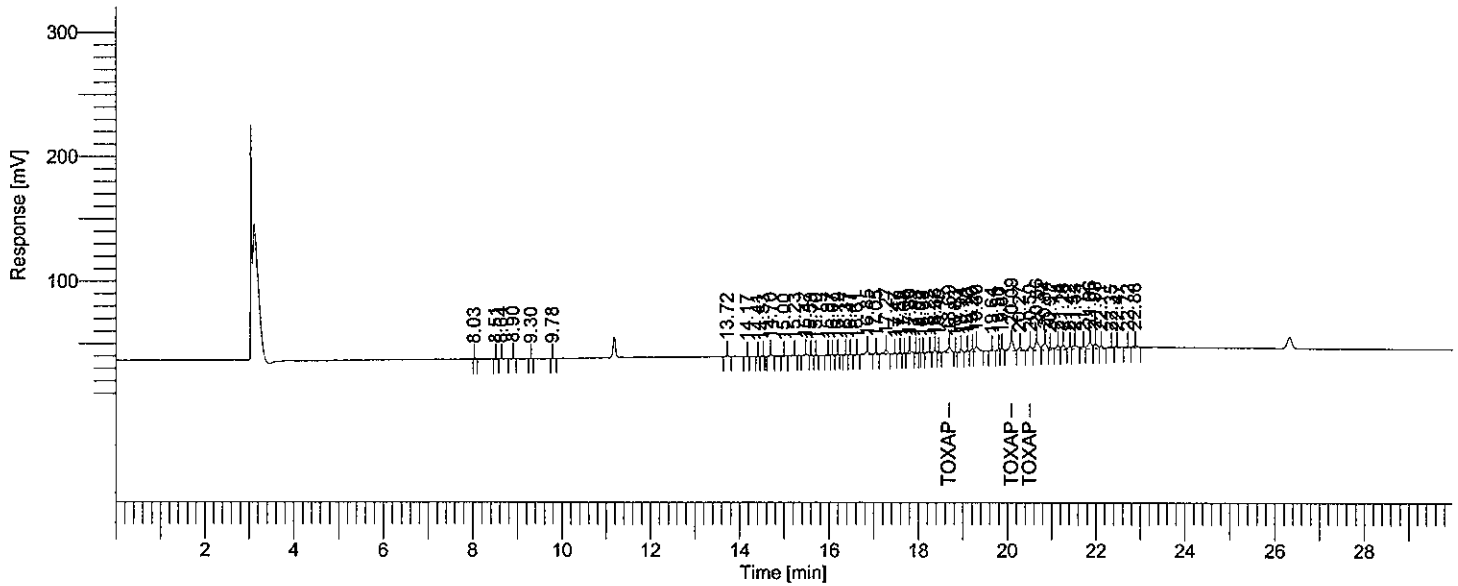
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 69671
Operator : tchrom
Sample Number : 0.05
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 01/26/2008 01:37:41

Date : 01/28/2008 10:39:13
Sample Name : ICM14PG
Study : ICAL
Rack/Vial : 1/47
Channel : B
A/D mV Range : 1000
End Time : 29.98 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 5
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b02047.raw <Modified>
Result File : H:\TURBO6\6890-05\5b02047.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02047.raw
Proc Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02047.rst
Calib Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02047.rst
Report Format File : h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
3	8.64	2362		V	0.00236	471.18
4	8.90	2535		V	0.00254	728.99
7	13.72	3693		B	0.00369	912.21
11	14.70	5027		B	0.00503	1277.18
13	15.23	2478		B	0.00248	386.44
14	15.47	5105		B	0.00510	1261.03
17	15.97	2591		B	0.00259	540.98
18	16.07	1748		V	0.00175	495.98
19	16.19	1502		B	0.00150	420.49
20	16.37	1849		B	0.00185	513.27
21	16.47	1551		V	0.00155	416.99
22	16.61	1996		B	0.00200	452.47
23	16.85	15748		V	0.01575	2502.76
24	17.05	7229		V	0.00723	1599.85
25	17.27	16782		V	0.01678	3310.48
26	17.47	1967		V	0.00197	388.42

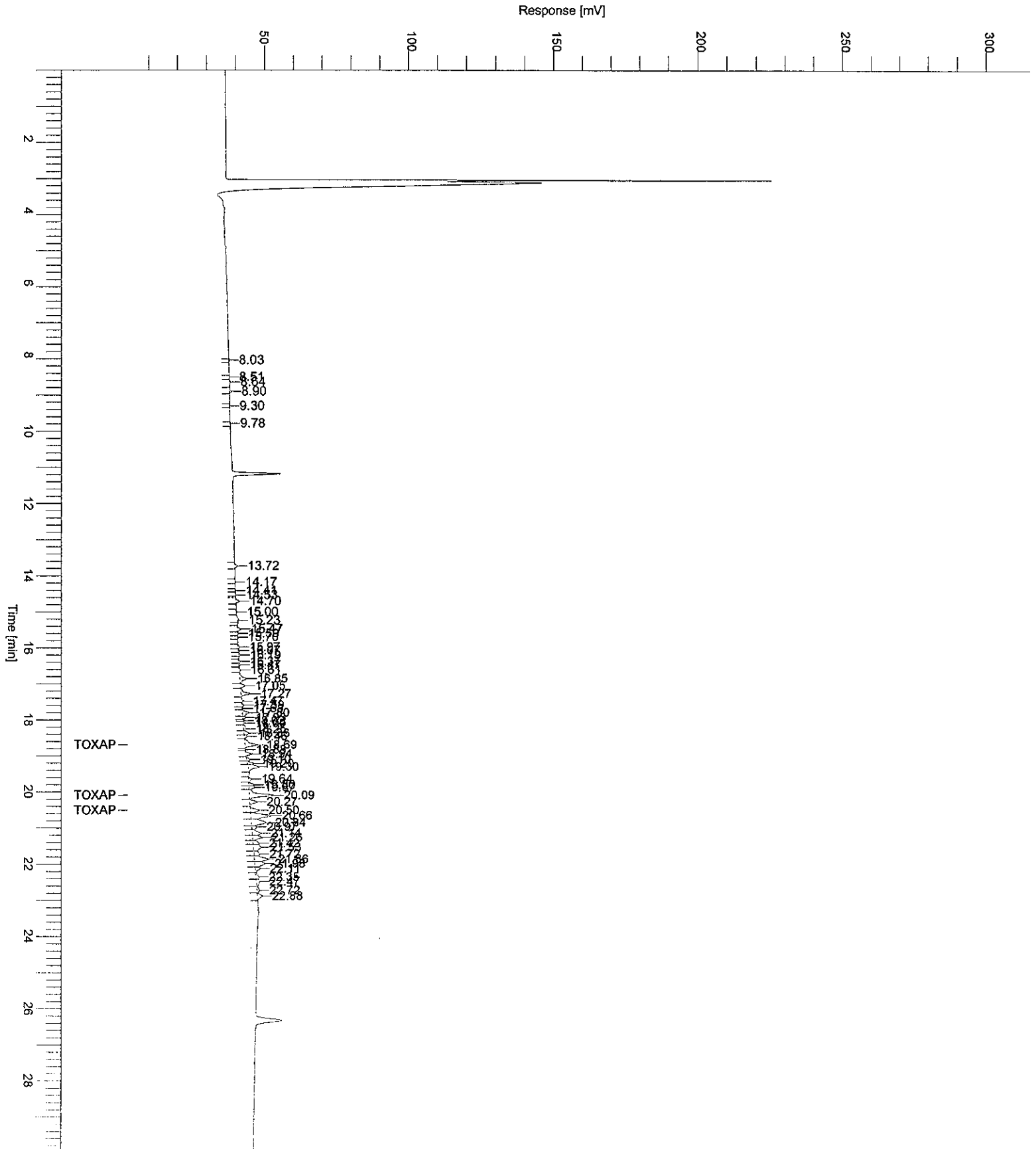
01/28/2008 10:39:13 Result: H:\TURBO6\6890-05\5b02047.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
27	17.59	2814		V	0.00281	637.21
28	17.68	1127		V	0.00113	320.40
29	17.80	13012		V	0.01301	2242.45
30	17.93	3894		V	0.00389	912.42
32	18.09	2250		V	0.00225	606.90
33	18.25	5250		V	0.00525	690.49
34	18.36	8776		V	0.00878	1739.62
35	18.46	3983		V	0.00398	959.96
38	18.94	7798		B	0.00780	2053.80
39	19.10	5453		B	0.00545	1255.08
40	19.20	8767		V	0.00877	2121.67
41	19.30	20937		V	0.02094	3531.21
42	19.64	5095		B	0.00510	1018.25
43	19.80	6962		V	0.00696	1719.07
44	19.87	9904		V	0.00990	2027.29
	20.09	89981	TOXAPHENE		0.05000	15395.08
46	20.27	12831		V	0.01283	2434.98
48	20.66	47288		V	0.04729	7376.65
49	20.84	36479		V	0.03648	4868.40
50	20.97	10106		V	0.01011	1753.78
51	21.14	18972		V	0.01897	3028.20
52	21.26	18873		V	0.01887	3234.05
53	21.42	11135		V	0.01114	2097.21
54	21.53	22827		V	0.02283	2631.91
55	21.72	13580		V	0.01358	1923.02
56	21.86	30894		V	0.03089	4784.81
57	21.98	23594		V	0.02359	3506.04
58	22.11	9881		V	0.00988	1706.80
59	22.35	7970		V	0.00797	1053.07
60	22.47	10675		V	0.01068	1181.94
61	22.72	6402		V	0.00640	868.20
62	22.88	10799		*V	0.01080	1726.06
		562471			0.52249	97084.74

Group Report For : TOXAPHENE

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
36	18.69	25088	Toxaphene-a	V	0.05000	3946.93
45	20.09	48797	Toxaphene-b	V	0.05000	8534.70
47	20.50	16096	Toxaphene-c	B	0.05000	2913.46
		89981			0.15000	15395.08

Sample Name : ICM14PG
File Name : H:\TURBO6\6890-05\5b02047.raw
Date : 01/28/2008 10:39:14
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 3.00 mV
Sample #: 0.05
Time of Injection: 01/26/2008 01:37:41
End Time : 29.98 min
Plot Scale: 300.0 mV
Low Point : 3.00 mV
High Point : 303.00 mV



```

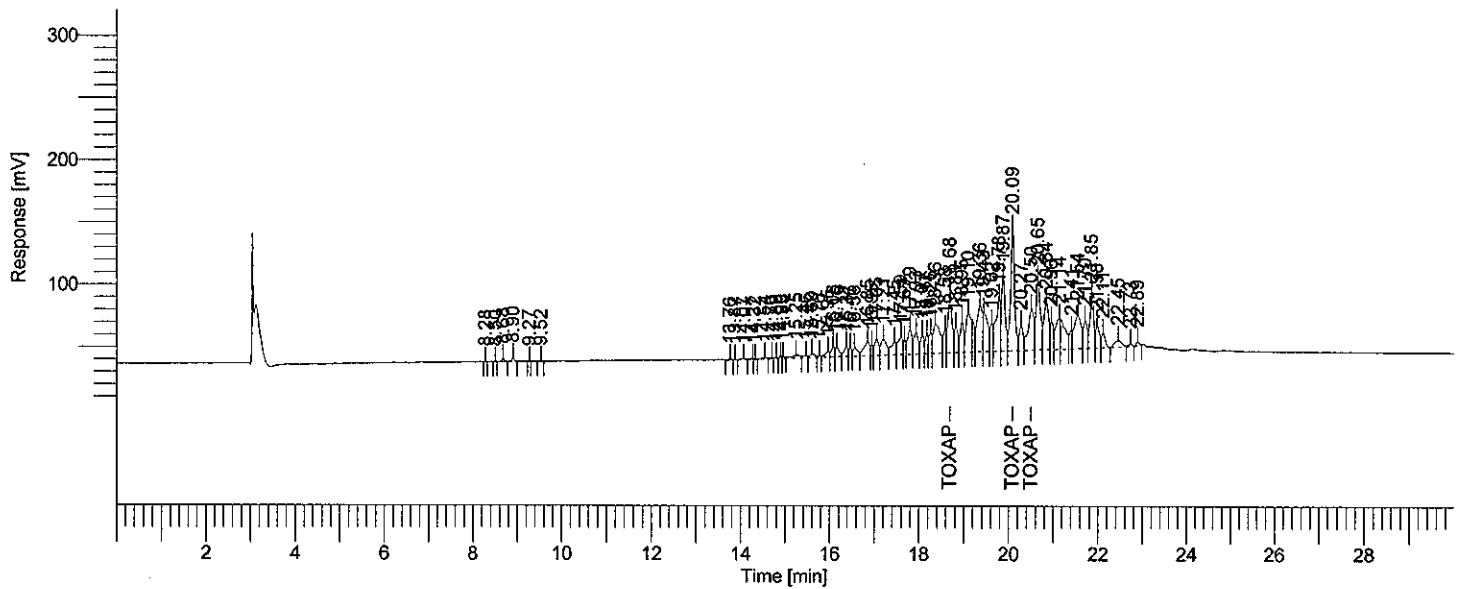
Software Version : 6.2.1.0.104:0104
Operator : tchrom
Sample Number : 0.5
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 01/26/2008 02:13:56

Date : 01/29/2008 09:27:49
Sample Name : ACM14KA
Study : ALT SOURCE
Rack/Vial : 1/48
Channel : B
A/D mV Range : 1000
End Time : 29.99 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b02048.raw <Modified>
Result File : H:\TURBO6\6890-05\5b02048.rst [Editing in Progress]
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b02048.raw
Proc Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02048.rst [Editing in Progress]
Calib Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08).mth from H:\TURBO6\6890-05\5b02048.rst [Editing in Progress]
Report Format File : h:\turbo6\6890-05\05pcb%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-02.seq
    
```



HP6890-05 "A" RTXCLP I/"B"RTXCLP II

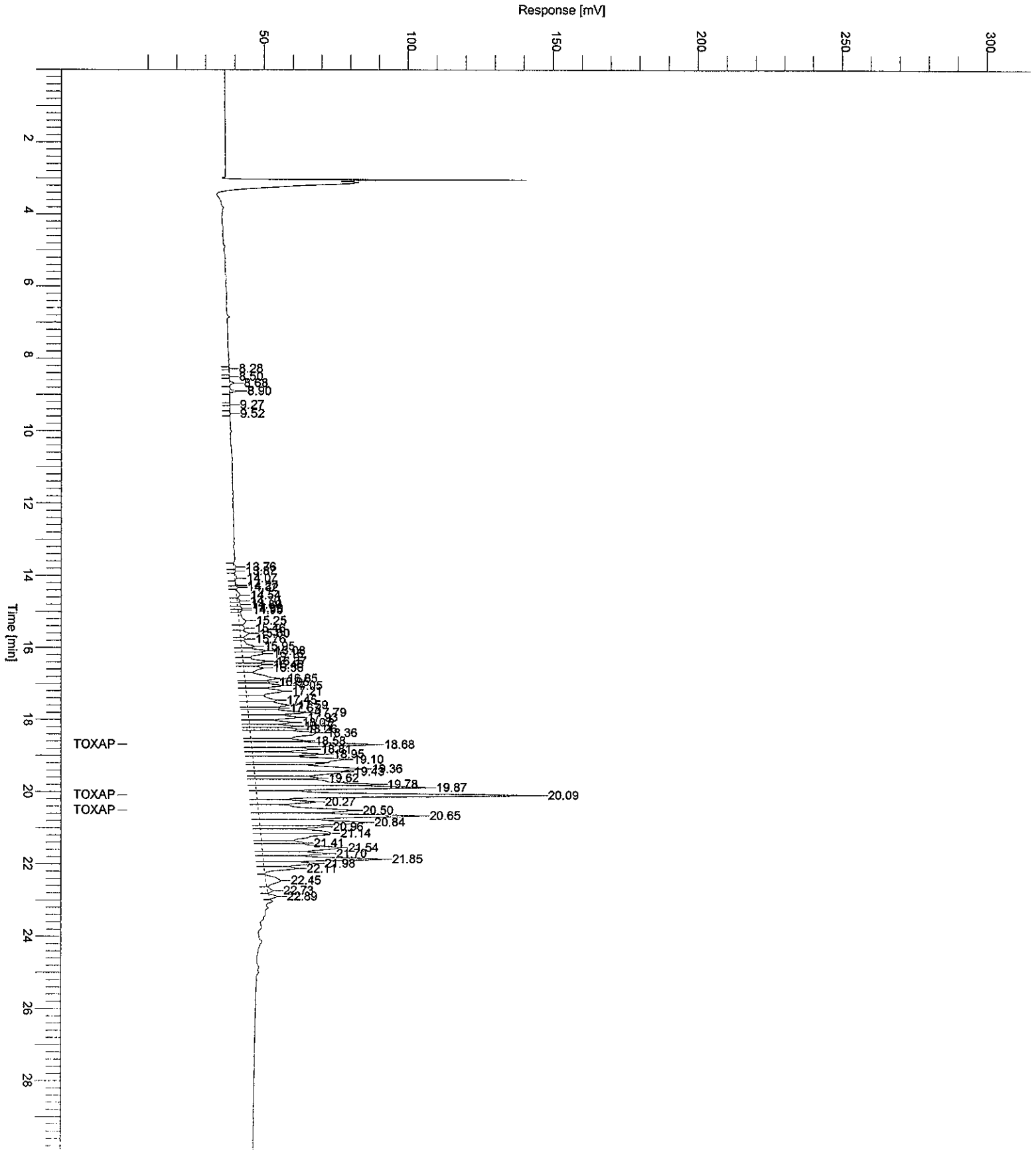
Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	INITIAL CAL FACTOR	CONTINUING CAL FACTOR	%D 0.5ng	# of Peaks
20.09	1198792	TOXAPHENE	0.47942	2.5e+06	2.4e+06	-4.1	3
	1198792		0.47942			-4.1	

Group Report For : TOXAPHENE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	INITIAL CAL FACTOR	CONTINUING CAL FACTOR	%D 0.5ng	# of Peaks
18.68	291467	Toxaphene-a	0.56927	511998.8	582933.1	13.9	0
20.09	607705	Toxaphene-b	0.42725	1.4e+06	1.2e+06	-14.6	0
20.50	299620	Toxaphene-c	0.53668	558286.8	599241.0	7.3	0
	1198792		1.53320			6.6	

Sample Name : ACM14KA
FileName : H:\TURBO6\6890-05\5b02048.raw
Date : 01/29/2008 09:27:54
Method :
Start Time : 0.00 min
Plot Offset: 3.00 mV

Sample #: 0.5
Page 1 of 1
Time of Injection: 01/26/2008 02:13:56
End Time : 29.99 min
Low Point : 3.00 mV
High Point : 303.00 mV
Plot Scale: 300.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6A-(06-20-08).mth
 Printed by : NearyM on: 06/21/2008 07:57:03
 Created by : NearyM on: 06/21/2008 07:40:49
 Edited by : NearyM on: 06/21/2008 07:56:58
 Number of Times Edited : 1
 Number of Times Calibrated : 2446
 Description: PEST CURVE 4-18-08

Processed by: MM 6/21/08
 Reviewed by: DGB 6/30/08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

alpha-BHC
 Component Type : Single Peak Component
 Retention Time : 10.525 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	877682.90	294745.45	-----	-----	1
B	0.0100	1933358.10	649137.61	-----	-----	1
C	0.0500	9852280.60	3.38e+06	-----	-----	1
D	0.1000	20102648.40	6.92e+06	-----	-----	1
E	0.1500	29850783.00	0.00	-----	-----	0

Calibration Curve : $y = (-90514.787575) + (200220078.212198)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999928

gamma-BHC

Component Type : Single Peak Component
 Retention Time : 11.361 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:57:03 Method: H:\TURBO6\6890-06\6A-(06-20-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	797301.20	261132.24	-----	-----	1
B	0.0100	1748129.93	572705.60	-----	-----	1
C	0.0500	8783283.37	2.91e+06	-----	-----	1
D	0.1000	17846481.07	5.96e+06	-----	-----	1
E	0.1500	26488218.85	8.88e+06	-----	-----	1

Calibration Curve : $y = (-47829.060328) + (177468437.391420)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999932

beta-BHC

Component Type : Single Peak Component
 Retention Time : 11.611 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	354569.60	113842.22	-----	-----	1
B	0.0100	770132.10	248395.07	-----	-----	1
C	0.0500	3606665.20	1.16e+06	-----	-----	1
D	0.1000	7023679.40	2.31e+06	-----	-----	1
E	0.1500	10298595.00	3.43e+06	-----	-----	1

Calibration Curve : $y = (91495.983841) + (68559240.054406)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999642

delta-BHC

Component Type : Single Peak Component
 Retention Time : 12.044 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:57:03 Method: H:\TURBO6\6890-06\6A-(06-20-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	770743.40	244499.70	-----	-----	1
B	0.0100	1700064.80	542913.42	-----	-----	1
C	0.0500	8378583.90	2.71e+06	-----	-----	1
D	0.1000	17058381.30	5.60e+06	-----	-----	1
E	0.1500	26372898.37	8.69e+06	-----	-----	1

Calibration Curve : $y = (-201331.143348) + (175515322.867666)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999544

Heptachlor

Component Type : Single Peak Component
 Retention Time : 12.545 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	777651.80	252498.77	-----	-----	1
B	0.0100	1696446.90	546777.67	-----	-----	1
C	0.0500	8307698.50	2.72e+06	-----	-----	1
D	0.1000	16668703.65	5.46e+06	-----	-----	1
E	0.1500	25117137.90	8.27e+06	-----	-----	1

Calibration Curve : $y = (-36982.799914) + (167468415.563264)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999982

Aldrin

Component Type : Single Peak Component
 Retention Time : 13.264 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:57:03 Method: H:\TURBO6\6890-06\6A-(06-20-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	736506.20	236733.76	-----	-----	1
B	0.0100	1595584.40	511267.20	-----	-----	1
C	0.0500	7904983.80	2.56e+06	-----	-----	1
D	0.1000	15900568.20	5.20e+06	-----	-----	1
E	0.1500	23966587.67	7.79e+06	-----	-----	1

Calibration Curve : $y = (-53241.335782) + (159906147.712436)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999983

Hept. epoxide

Component Type : Single Peak Component
 Retention Time : 14.704 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	704648.60	219370.40	-----	-----	1
B	0.0100	1510149.40	464337.08	-----	-----	1
C	0.0500	7186901.00	2.26e+06	-----	-----	1
D	0.1000	14186882.10	4.45e+06	-----	-----	1
E	0.1500	20988398.30	6.59e+06	-----	-----	1

Calibration Curve : $y = (106247.548012) + (139827751.308445)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999879

gamma chlordan

Component Type : Single Peak Component
 Retention Time : 14.983 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:57:03 Method: H:\TURBO6\6890-06\6A-(06-20-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	697990.40	218863.27	-----	-----	1
B	0.0100	1505329.60	467987.18	-----	-----	1
C	0.0500	7358324.40	2.29e+06	-----	-----	1
D	0.1000	14627379.30	4.59e+06	-----	-----	1
E	0.1500	22020970.90	7.00e+06	-----	-----	1

Calibration Curve : $y = (1806.347603) + (146669723.364330)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999984

alpha chlordane

Component Type : Single Peak Component
 Retention Time : 15.286 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	666845.30	208812.24	-----	-----	1
B	0.0100	1430472.87	441922.31	-----	-----	1
C	0.0500	6723858.90	2.15e+06	-----	-----	1
D	0.1000	13567138.20	4.33e+06	-----	-----	1
E	0.1500	20335192.60	6.59e+06	-----	-----	1

Calibration Curve : $y = (13134.251501) + (135421698.747759)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999970

4,4'-DDE

Component Type : Single Peak Component
 Retention Time : 15.490 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:57:03 Method: H:\TURBO6\6890-06\6A-(06-20-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	618231.85	185351.68	-----	-----	1
B	0.0100	1344794.98	415563.21	-----	-----	1
C	0.0500	6783892.79	2.21e+06	-----	-----	1
D	0.1000	13568720.59	4.44e+06	-----	-----	1
E	0.1500	21057306.48	6.99e+06	-----	-----	1

Calibration Curve : $y = (-143374.448747) + (139967679.173035)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999533

Endosulfan I

Component Type : Single Peak Component
 Retention Time : 15.587 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	668475.75	195544.08	-----	-----	1
B	0.0100	1416657.64	417163.91	-----	-----	1
C	0.0500	6665858.21	2.01e+06	-----	-----	1
D	0.1000	13029819.31	3.96e+06	-----	-----	1
E	0.1500	19189063.72	5.89e+06	-----	-----	1

Calibration Curve : $y = (149760.337034) + (127685945.865405)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999771

Dieldrin

Component Type : Single Peak Component
 Retention Time : 16.124 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:57:03 Method: H:\TURBO6\6890-06\6A-(06-20-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	662863.60	201912.30	-----	-----	1
B	0.0100	1447844.30	435545.22	-----	-----	1
C	0.0500	7120614.50	2.19e+06	-----	-----	1
D	0.1000	14259153.30	4.39e+06	-----	-----	1
E	0.1500	21410216.80	6.56e+06	-----	-----	1

Calibration Curve : $y = (-18503.321494) + (142835579.256915)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999992

Endrin

Component Type : Single Peak Component
 Retention Time : 16.632 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	570855.94	169821.23	-----	-----	1
B	0.0100	1278156.30	377248.97	-----	-----	1
C	0.0500	6313371.10	1.90e+06	-----	-----	1
D	0.1000	12669756.20	3.79e+06	-----	-----	1
E	0.1500	19287827.90	5.81e+06	-----	-----	1

Calibration Curve : $y = (-73222.826834) + (128527238.397416)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999902

4.4'-DDD

Component Type : Single Peak Component
 Retention Time : 16.805 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:57:03 Method: H:\TURBO6\6890-06\6A-(06-20-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	525315.66	146289.35	-----	-----	1
B	0.0100	1168864.90	333293.98	-----	-----	1
C	0.0500	5755008.00	1.76e+06	-----	-----	1
D	0.1000	11502690.40	3.58e+06	-----	-----	1
E	0.1500	17428550.80	5.61e+06	-----	-----	1

Calibration Curve : $y = (-40861.987931) + (116142026.561178)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999952

Endosulfan II

Component Type : Single Peak Component
 Retention Time : 17.125 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	566505.00	160893.94	-----	-----	1
B	0.0100	1223737.20	349401.54	-----	-----	1
C	0.0500	5871190.80	1.71e+06	-----	-----	1
D	0.1000	11412070.30	3.37e+06	-----	-----	1
E	0.1500	17056710.00	5.05e+06	-----	-----	1

Calibration Curve : $y = (84367.899967) + (113359916.825916)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999886

4,4'-DDT

Component Type : Single Peak Component
 Retention Time : 17.404 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:57:03 Method: H:\TURBO6\6890-06\6A-(06-20-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	319331.21	94716.98	-----	-----	1
B	0.0100	810301.18	243449.16	-----	-----	1
C	0.0500	4644547.55	1.43e+06	-----	-----	1
D	0.1000	9693013.67	3.05e+06	-----	-----	1
E	0.1500	16129867.87	5.13e+06	-----	-----	1

Calibration Curve : $y = (-442754.370263) + (107335977.047328)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.995805

Endrin aldehyde

Component Type : Single Peak Component
 Retention Time : 18.044 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	428838.40	119295.25	-----	-----	1
B	0.0100	953650.80	264353.36	-----	-----	1
C	0.0500	4282516.70	1.25e+06	-----	-----	1
D	0.1000	8458397.46	2.46e+06	-----	-----	1
E	0.1500	12032867.26	3.58e+06	-----	-----	1

Calibration Curve : $y = (165149.856045) + (80414353.463070)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998687

Methoxychlor

Component Type : Single Peak Component
 Retention Time : 18.450 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:57:03 Method: H:\TURBO6\6890-06\6A-(06-20-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	165700.80	49851.18	-----	-----	1
B	0.0100	417928.40	127114.78	-----	-----	1
C	0.0500	2311200.20	706626.95	-----	-----	1
D	0.1000	4597428.60	1.42e+06	-----	-----	1
E	0.1500	7536077.53	2.37e+06	-----	-----	1

Calibration Curve : $y = (-144073.757431) + (49995886.720197)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997162

Endo. Sulfate

Component Type : Single Peak Component
 Retention Time : 18.985 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	473668.60	135178.15	-----	-----	1
B	0.0100	1052980.00	294135.04	-----	-----	1
C	0.0500	5067791.84	1.44e+06	-----	-----	1
D	0.1000	9818579.47	2.82e+06	-----	-----	1
E	0.1500	14803941.10	4.27e+06	-----	-----	1

Calibration Curve : $y = (50309.538005) + (98302899.460448)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999869

Endrin ketone

Component Type : Single Peak Component
 Retention Time : 19.581 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:57:03 Method: H:\TURBO6\6890-06\6A-(06-20-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	515947.10	140722.92	-----	-----	1
B	0.0100	1156390.60	314125.19	-----	-----	1
C	0.0500	5626844.88	1.55e+06	-----	-----	1
D	0.1000	11209421.36	3.09e+06	-----	-----	1
E	0.1500	16632242.45	4.65e+06	-----	-----	1

Calibration Curve : $y = (29763.703892) + (111085802.761080)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.999917


```

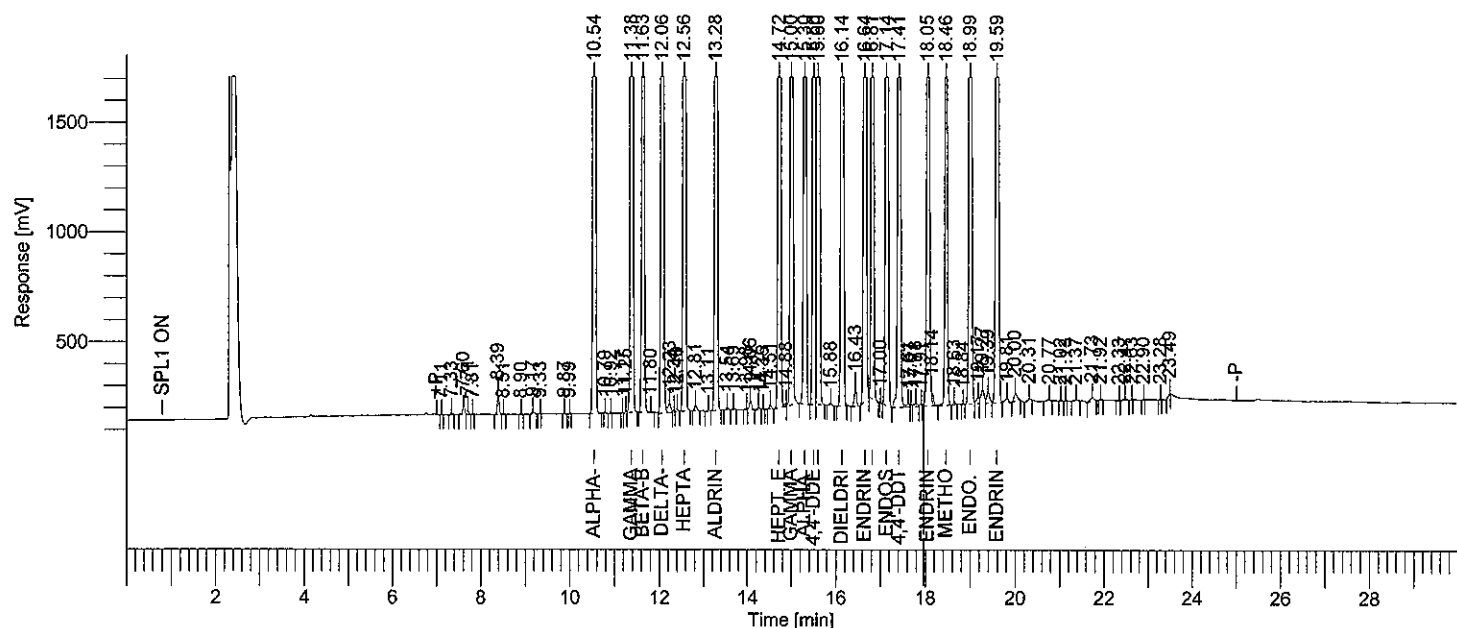
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74591
Operator          : tchrom
Sample Number     : 0.15
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 06/20/2008 13:21:55

Date              : 06/21/2008 07:45:16
Sample Name       : ICM25WD
Study             : ICAL
Rack/Vial         : 1/43
Channel           : A
A/D mV Range     : 1000
End Time         : 29.96 min

Area Reject      : 6000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a13143.raw <Modified>
Result File : H:\TURBO6\6890-06\6a13143.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13143.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13143.rst
Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a13143.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	7.33	22697		B	0.02270	8375.75
3	7.60	134030		B	0.13403	48717.55
4	7.71	43773		V	0.04377	15737.50
6	8.39	251530		B	0.25153	88243.09
7	8.51	7399		V	0.00740	2900.16
8	8.90	7412		B	0.00741	2697.42
9	9.17	33197		B	0.03320	9634.62
11	9.87	9166		B	0.00917	3548.50
13	10.54	29850783	alpha-BHC	B	-----	1.03e+07
14	10.79	12257		B	0.01226	3649.81
17	11.25	25456		V	0.02546	9392.08
18	11.38	26488219	gamma-BHC	V	0.15000	8.88e+06
19	11.63	10298595	beta-BHC	B	0.15000	3.43e+06
20	11.80	38844		E	0.03884	6344.32
21	12.06	26372898	delta-BHC	B	0.15000	8.69e+06
22	12.23	224976		E	0.22498	41966.82

06/21/2008 07:45:16 Result: H:\TURBO6\6890-06\6a13143.rst

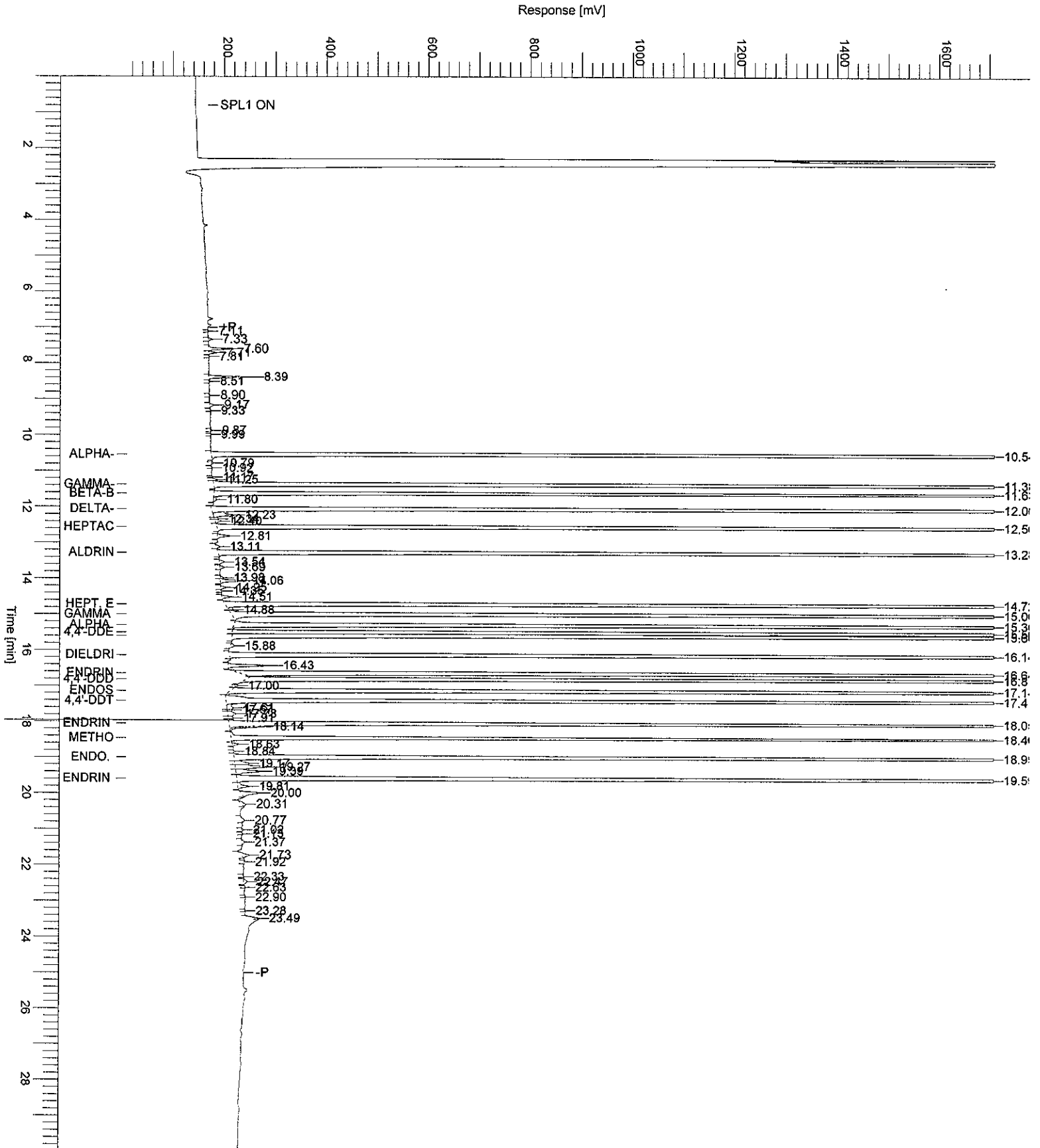
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
23	12.34	23199		V	0.02320	7186.36
24	12.40	45279		V	0.04528	11120.58
25	12.56	25117138	Heptachlor	V	0.15000	8.27e+06
26	12.81	91212		B	0.09121	25003.29
27	13.11	31600		B	0.03160	7431.60
28	13.28	23966588	Aldrin	V	0.15000	7.79e+06
29	13.54	34230		B	0.03423	9029.92
30	13.69	27974		B	0.02797	8209.74
31	13.98	19560		B	0.01956	6612.92
32	14.06	147355		V	0.14736	42957.32
33	14.25	33059		B	0.03306	9736.67
34	14.35	8751		V	0.00875	3204.44
35	14.51	57076		B	0.05708	18929.87
36	14.72	20988398	Hept. epoxide	B	0.15000	6.59e+06
37	14.88	39668		E	0.03967	8961.61
38	15.00	22020971	gamma chlordane	V	0.15000	7.00e+06
39	15.30	20335193	alpha chlordane	B	0.15000	6.59e+06
40	15.50	21057306	4,4'-DDE	B	0.15000	6.99e+06
41	15.60	19189064	Endosulfan I	V	0.15000	5.89e+06
42	15.88	39612		B	0.03961	8243.88
43	16.14	21410217	Dieldrin	B	0.15000	6.56e+06
44	16.43	284218		B	0.28422	87473.76
45	16.64	19287828	Endrin	B	0.15000	5.81e+06
46	16.81	17428551	4,4'-DDD	B	0.15000	5.61e+06
47	17.00	8584		B	0.00858	3481.60
48	17.14	17056710	Endosulfan II	B	0.15000	5.05e+06
49	17.41	16129868	4,4'-DDT	B	0.15000	5.13e+06
50	17.61	96819		E	0.09682	12544.52
51	17.67	26182		V	0.02618	9405.87
52	17.78	95228		V	0.09523	15326.57
53	17.91	37030		V	0.03703	9651.94
54	18.05	12032867	Endrin aldehyde	V	0.15000	3.58e+06
55	18.14	144402		E	0.14440	41160.41
56	18.46	7536078	Methoxychlor	V	0.15000	2.37e+06
57	18.63	37688		B	0.03769	12260.70
59	18.99	14803941	Endo. Sulfate	V	0.15000	4.27e+06
60	19.17	139082		V	0.13908	27187.60
61	19.27	309874		V	0.30987	66464.75
62	19.39	228780		V	0.22878	51543.02
63	19.59	16632242	Endrin ketone	V	0.15000	4.65e+06
64	19.81	105569		V	0.10557	21714.30
65	20.00	175712		B	0.17571	38506.64
66	20.31	49570		B	0.04957	8325.84
67	20.77	28614		B	0.02861	4731.12
68	21.02	10088		B	0.01009	2701.31
70	21.37	29760		B	0.02976	5511.19
71	21.73	85420		B	0.08542	15487.83
72	21.92	8314		B	0.00831	2107.32
74	22.47	38145		V	0.03814	6679.42
78	23.49	23116		B	0.02312	4912.35
		4e+08			6.22151	1.24e+08

Warning -- Signal level out-of-range in peak

Chromatogram

1931/4151

Sample Name : ICM25WD
File Name : H:\TURBO6\6890-06\6a13143.raw
Date : 06/21/2008 07:45:17
Method : 6890-6ins
Time of Injection : 06/20/2008 13:21:55
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1710.00 mV
Plot Offset : 10.00 mV
Plot Scale : 1700.0 mV



```

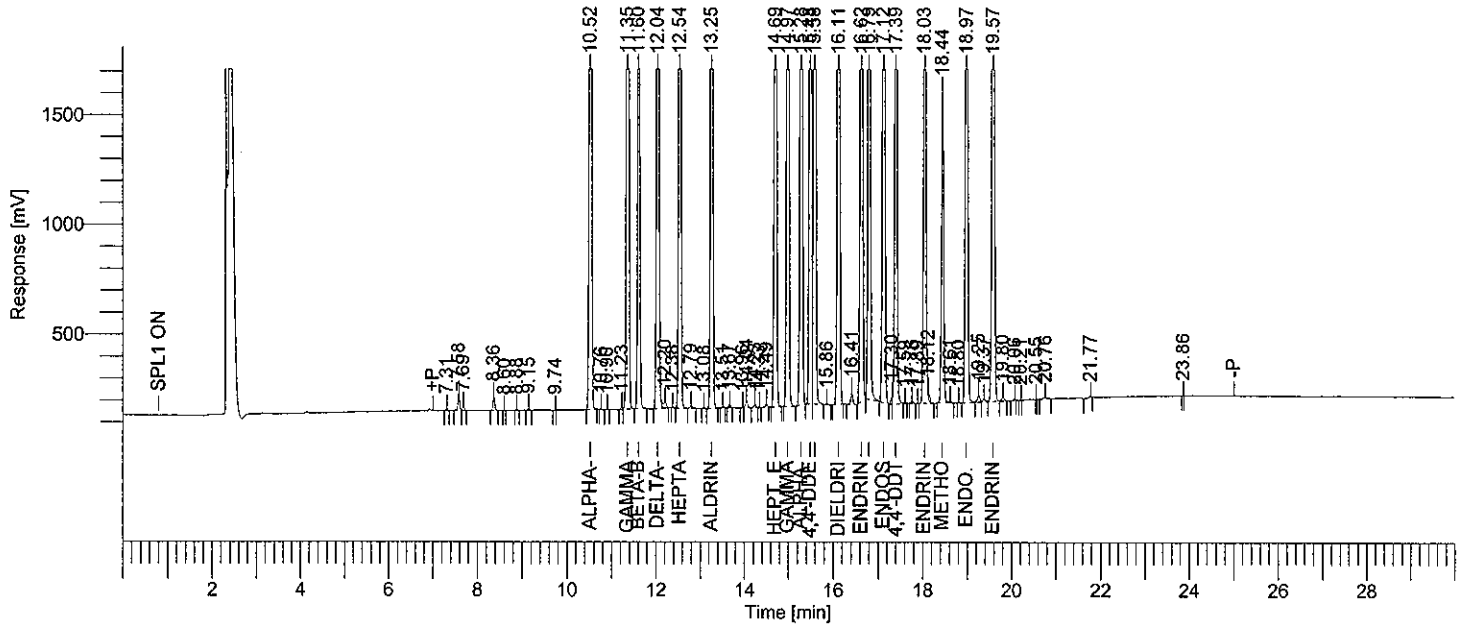
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 74593
Operator : tchrom
Sample Number : 0.10
AutoSampler : BUILT-IN
Instrument Name : HP6890-06
Instrument Serial # : CN10520010
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 06/20/2008 13:55:42

Date : 06/21/2008 07:45:25
Sample Name : ICM25WC
Study : ICAL
Rack/Vial : 1/44
Channel : A
A/D mV Range : 1000
End Time : 29.97 min

Area Reject : 6000.000000
Dilution Factor : 1.00
Cycle : 2
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a13144.raw <Modified>
Result File : H:\TURBO6\6890-06\6a13144.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13144.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13144.rst
Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a13144.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.31	16512		B	0.01651	6215.22
2	7.58	195545		B	0.19555	71603.32
3	7.69	51042		V	0.05104	17672.17
4	8.36	178771		B	0.17877	62362.09
6	8.88	6854		B	0.00685	2115.23
7	9.15	19553		B	0.01955	7013.29
9	10.52	20102648	alpha-BHC	B	0.10000	6.92e+06
10	10.76	9417		B	0.00942	2898.87
11	10.90	7086		B	0.00709	1576.71
12	11.23	32837		B	0.03284	11265.57
13	11.35	17846481	gamma-BHC	V	0.10000	5.96e+06
14	11.60	7023679	beta-BHC	B	0.10000	2.31e+06
15	12.04	17058381	delta-BHC	B	0.10000	5.60e+06
16	12.20	154882		E	0.15488	28808.03
17	12.38	6673		B	0.00667	2390.54
18	12.54	16668704	Heptachlor	B	0.10000	5.46e+06

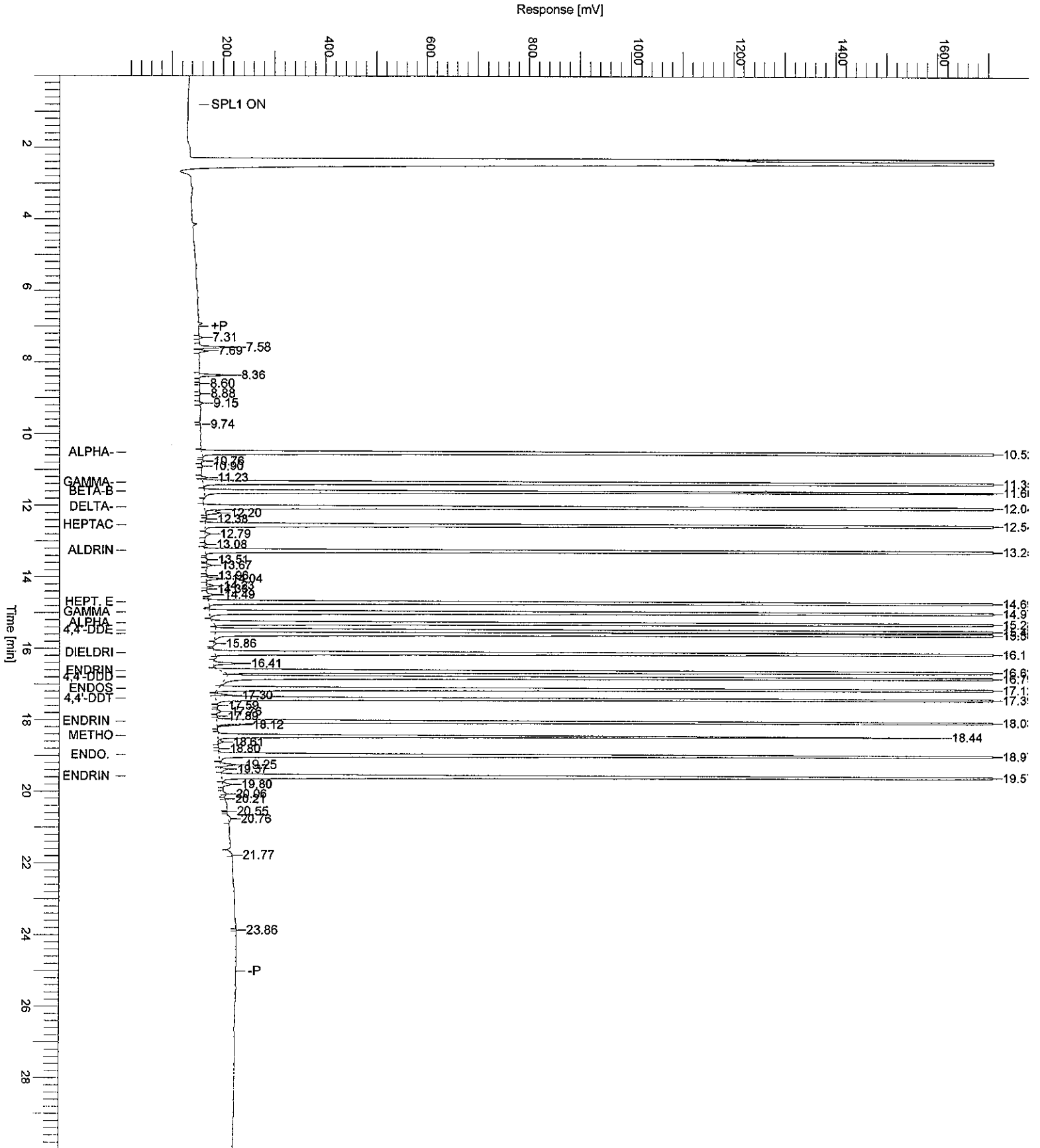
06/21/2008 07:45:25 Result: H:\TURBO6\6890-06\6a13144.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
19	12.79	42994		V	0.04299	9941.23
20	13.08	11776		B	0.01178	3547.40
21	13.25	15900568	Aldrin	B	0.10000	5.20e+06
22	13.51	10555		B	0.01055	3165.55
23	13.67	26282		B	0.02628	8646.56
24	13.96	10347		B	0.01035	3393.03
25	14.04	101108		V	0.10111	30251.08
26	14.23	47001		V	0.04700	13720.47
28	14.49	37460		B	0.03746	12771.84
29	14.69	14186882	Hept. epoxide	B	0.10000	4.45e+06
30	14.97	14627379	gamma chlordane	B	0.10000	4.59e+06
31	15.28	13567138	alpha chlordane	B	0.10000	4.33e+06
32	15.48	13568721	4,4'-DDE	B	0.10000	4.44e+06
33	15.58	13029819	Endosulfan I	V	0.10000	3.96e+06
34	15.86	20381		B	0.02038	4554.64
35	16.11	14259153	Dieldrin	B	0.10000	4.39e+06
36	16.41	173386		B	0.17339	53387.08
37	16.62	12669756	Endrin	B	0.10000	3.79e+06
38	16.79	11502690	4,4'-DDD	B	0.10000	3.58e+06
39	17.12	11412070	Endosulfan II	B	0.10000	3.37e+06
40	17.30	86245		B	0.08624	32885.16
41	17.39	9693014	4,4'-DDT	V	0.10000	3.05e+06
42	17.59	7260		V	0.00726	2354.62
43	17.76	32716		B	0.03272	8535.47
44	17.89	6726		B	0.00673	2071.83
45	18.03	8458397	Endrin aldehyde	V	0.10000	2.46e+06
46	18.12	103425		E	0.10342	31465.45
47	18.44	4597429	Methoxychlor	B	0.10000	1.42e+06
48	18.61	41203		E	0.04120	9605.69
49	18.80	6554		B	0.00655	2136.43
50	18.97	9818579	Endo. Sulfate	B	0.10000	2.82e+06
51	19.25	115544		V	0.11554	29350.28
52	19.37	58383		V	0.05838	12959.75
53	19.57	11209421	Endrin ketone	V	0.10000	3.09e+06
54	19.80	72649		V	0.07265	17559.47
55	20.06	7729		B	0.00773	1707.54
58	20.76	44508		B	0.04451	5619.78
59	21.77	20923		B	0.02092	2308.99
		3e+08			3.76433	8.17e+07

Chromatogram

1934/4151

Sample Name : ICM25WC
File Name : H:\TURBO6\6890-06\6a13144.raw
Date : 06/21/2008 07:45:27
Method : 6890-6ins
Time of Injection: 06/20/2008 13:55:42
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1710.00 mV
Plot Offset: 10.00 mV
Plot Scale: 1700.0 mV



```

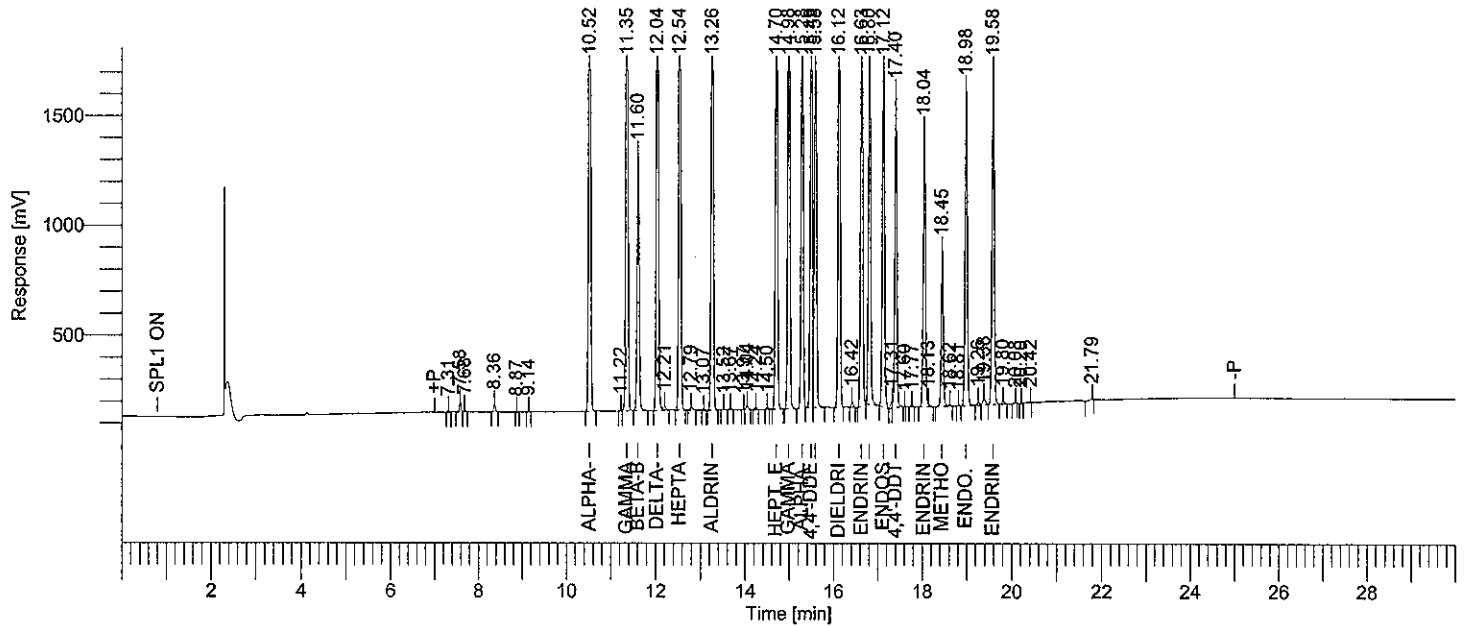
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74595
Operator          : tchrom
Sample Number     : 0.05
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 06/20/2008 14:29:24

Date              : 06/21/2008 07:45:34
Sample Name       : ICM25WR
Study             : ICAL
Rack/Vial         : 1/45
Channel           : A
A/D mV Range     : 1000
End Time          : 30.00 min

Area Reject      : 6000.000000
Dilution Factor  : 1.00
Cycle             : 3
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a13145.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a13145.rst
Inst Method  : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13145.raw
Proc Method  : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13145.rst
Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a13145.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



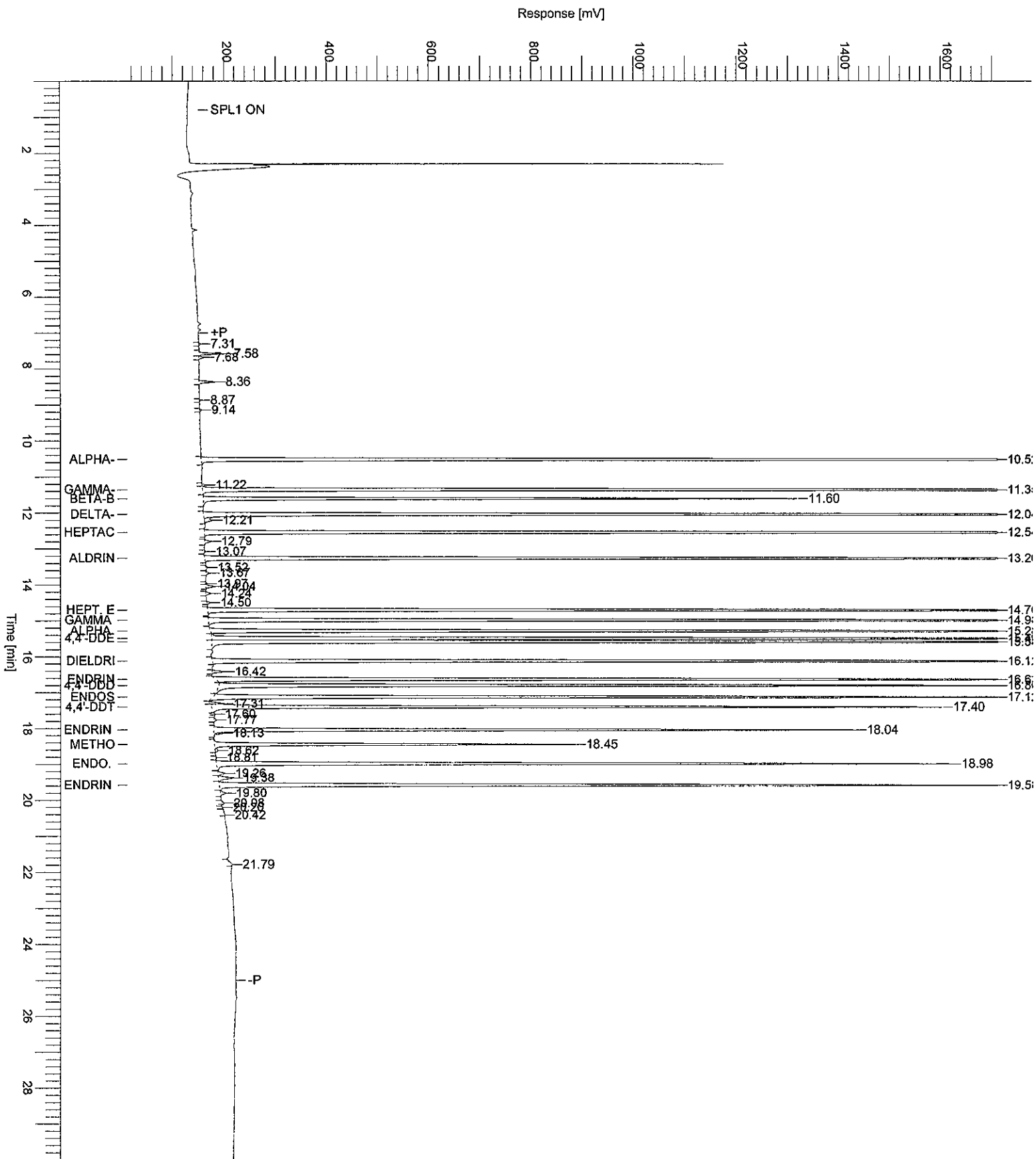
HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.31	8650		B	0.00865	3288.15
2	7.58	129956		B	0.12996	48109.46
3	7.68	30914		V	0.03091	10948.02
4	8.36	91160		B	0.09116	31888.42
5	8.87	6058		B	0.00606	1975.21
6	9.14	9664		B	0.00966	3584.60
7	10.52	9852281	alpha-BHC	B	0.05000	3.38e+06
8	11.22	19522		B	0.01952	6769.57
9	11.35	8783283	gamma-BHC	V	0.05000	2.91e+06
10	11.60	3606665	beta-BHC	B	0.05000	1.16e+06
11	12.04	8378584	delta-BHC	B	0.05000	2.71e+06
12	12.21	83310		E	0.08331	15042.98
13	12.54	8307698	Heptachlor	B	0.05000	2.72e+06
14	12.79	45980		B	0.04598	12396.30
15	13.07	7947		B	0.00795	2387.90
16	13.26	7904984	Aldrin	B	0.05000	2.56e+06

06/21/2008 07:45:34 Result: H:\TURBO6\6890-06\6a13145.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	13.52	11338		B	0.01134	2968.54
18	13.67	20400		B	0.02040	6403.63
19	13.97	6556		B	0.00656	2342.32
20	14.04	58075		V	0.05807	17471.18
21	14.24	32342		B	0.03234	9744.85
22	14.50	17202		B	0.01720	6239.51
23	14.70	7186901	Hept. epoxide	B	0.05000	2.26e+06
24	14.98	7358324	gamma chlordane	B	0.05000	2.29e+06
25	15.28	6723859	alpha chlordane	B	0.05000	2.15e+06
26	15.49	6783893	4,4'-DDE	B	0.05000	2.21e+06
27	15.58	6665858	Endosulfan I	V	0.05000	2.01e+06
28	16.12	7120614	Dieldrin	B	0.05000	2.19e+06
29	16.42	71062		B	0.07106	24758.29
30	16.63	6313371	Endrin	B	0.05000	1.90e+06
31	16.80	5755008	4,4'-DDD	B	0.05000	1.76e+06
32	17.12	5871191	Endosulfan II	B	0.05000	1.71e+06
33	17.31	77279		B	0.07728	26186.74
34	17.40	4644548	4,4'-DDT	V	0.05000	1.43e+06
36	17.77	18468		B	0.01847	4780.63
37	18.04	4282517	Endrin aldehyde	B	0.05000	1.25e+06
38	18.13	38114		E	0.03811	13517.01
39	18.45	2311200	Methoxychlor	B	0.05000	706626.95
40	18.62	24715		E	0.02472	5410.15
42	18.98	5067792	Endo. Sulfate	B	0.05000	1.44e+06
43	19.26	55974		V	0.05597	14727.91
44	19.38	124067		V	0.12407	29519.11
45	19.58	5626845	Endrin ketone	V	0.05000	1.55e+06
46	19.80	48236		V	0.04824	11078.91
47	20.08	6999		B	0.00700	1658.11
48	20.20	6891		B	0.00689	2334.08
49	20.42	11968		V	0.01197	625.40
50	21.79	19054		B	0.01905	2978.67
		1e+08			2.08190	4.06e+07

Sample Name : ICM25WR Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a13145.raw
Date : 06/21/2008 07:45:35
Method : 6890-6ins Time of Injection: 06/20/2008 14:29:24
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset: 10.00 mV Plot Scale: 1700.0 mV



```

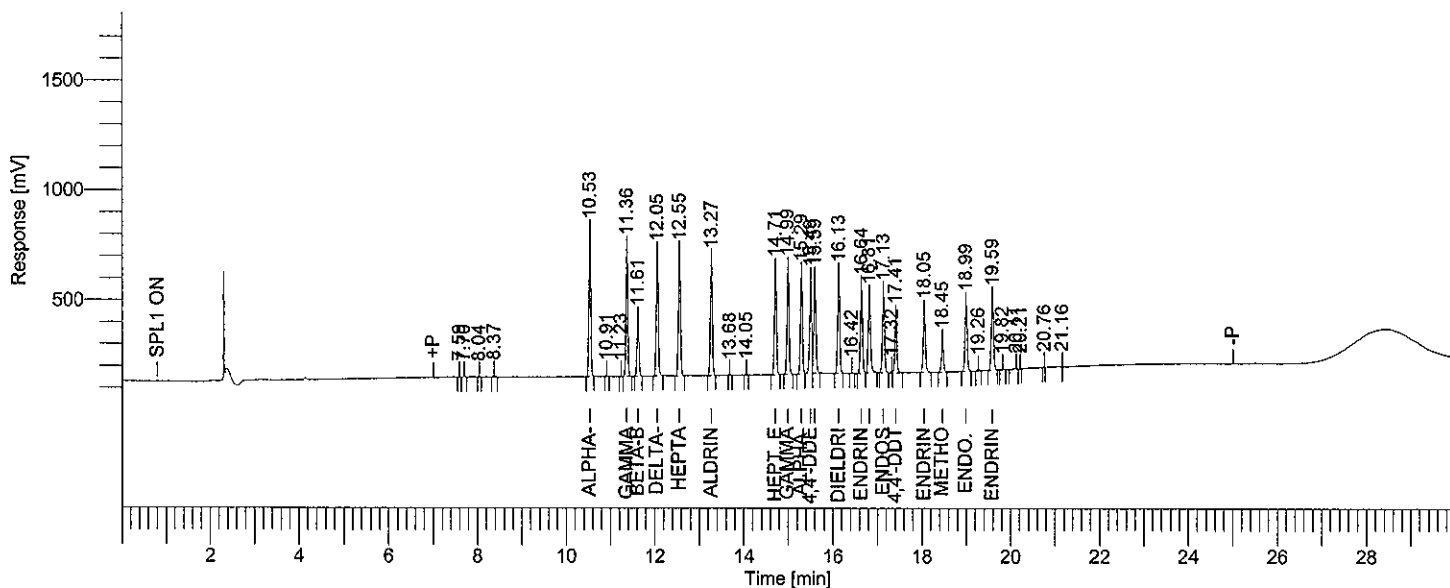
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 74597
Operator : tchrom
Sample Number : 0.01
AutoSampler : BUILT-IN
Instrument Name : HP6890-06
Instrument Serial # : CN10520010
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 06/20/2008 15:03:15

Date : 06/21/2008 07:45:42
Sample Name : ICM25WC DF10
Study : ICAL
Rack/Vial : 1/46
Channel : A
A/D mV Range : 1000
End Time : 29.99 min

Area Reject : 6000.000000
Dilution Factor : 1.00
Cycle : 4
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a13146.raw <Modified>
Result File : H:\TURBO6\6890-06\6a13146.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13146.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13146.rst
Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a13146.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



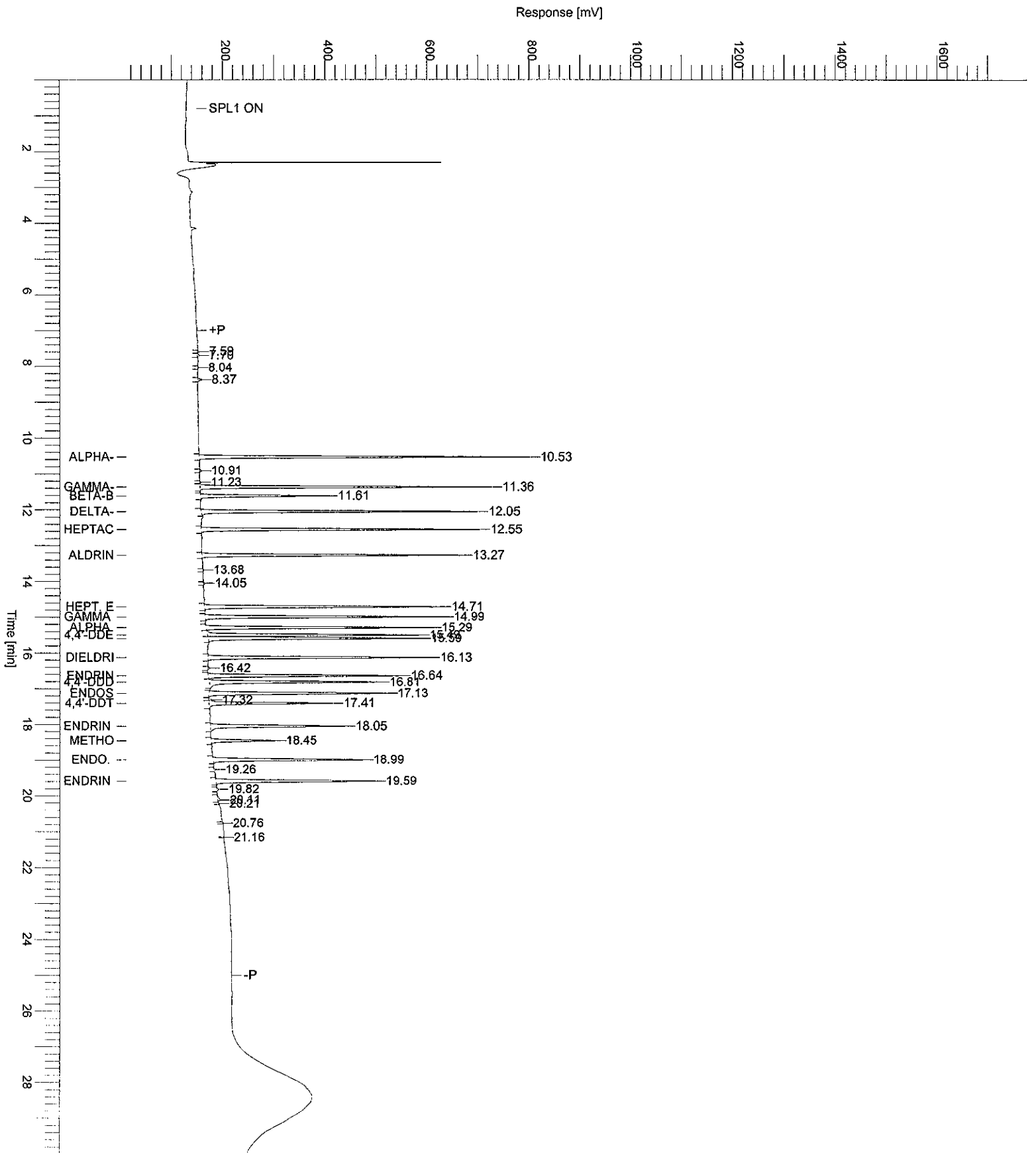
HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.59	7098		B	0.00710	3110.83
2	7.70	9840		V	0.00984	3416.91
4	8.37	23190		B	0.02319	7906.05
5	10.53	1933358	alpha-BHC	B	0.01000	649137.61
6	10.91	8908		B	0.00891	3490.23
7	11.23	6508		B	0.00651	2162.46
8	11.36	1748130	gamma-BHC	V	0.01000	572705.60
9	11.61	770132	beta-BHC	B	0.01000	248395.07
10	12.05	1700065	delta-BHC	B	0.01000	542913.42
11	12.55	1696447	Heptachlor	B	0.01000	546777.67
12	13.27	1595584	Aldrin	B	0.01000	511267.20
14	14.05	8734		B	0.00873	3082.71
15	14.71	1510149	Hept. epoxide	B	0.01000	464337.08
16	14.99	1505330	gamma chlordane	B	0.01000	467987.18
17	15.29	1430473	alpha chlordane	B	0.01000	441922.31
18	15.49	1344795	4,4'-DDE	V	0.01000	415563.21

06/21/2008 07:45:42 Result: H:\TURBO6\6890-06\6a13146.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
19	15.59	1416658	Endosulfan I	V	0.01000	417163.91
20	16.13	1447844	Dieldrin	B	0.01000	435545.22
21	16.42	11546		B	0.01155	4219.96
22	16.64	1278156	Endrin	B	0.01000	377248.97
23	16.81	1168865	4,4'-DDD	V	0.01000	333293.98
24	17.13	1223737	Endosulfan II	B	0.01000	349401.54
25	17.32	20675		B	0.02068	7007.08
26	17.41	810301	4,4'-DDT	V	0.01000	243449.16
27	18.05	953651	Endrin aldehyde	B	0.01000	264353.36
28	18.45	417928	Methoxychlor	B	0.01000	127114.78
29	18.99	1052980	Endo. Sulfate	B	0.01000	294135.04
30	19.26	10001		B	0.01000	3035.48
31	19.59	1156391	Endrin ketone	B	0.01000	314125.19
32	19.82	12296		B	0.01230	3269.14
33	20.11	25156		B	0.02516	4001.03
		26304929			0.34395	8.06e+06

Sample Name : ICM25WC DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a13146.raw
Date : 06/21/2008 07:45:43
Method : 6890-6ins Time of Injection: 06/20/2008 15:03:15
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset: 10.00 mV Plot Scale: 1700.0 mV



```

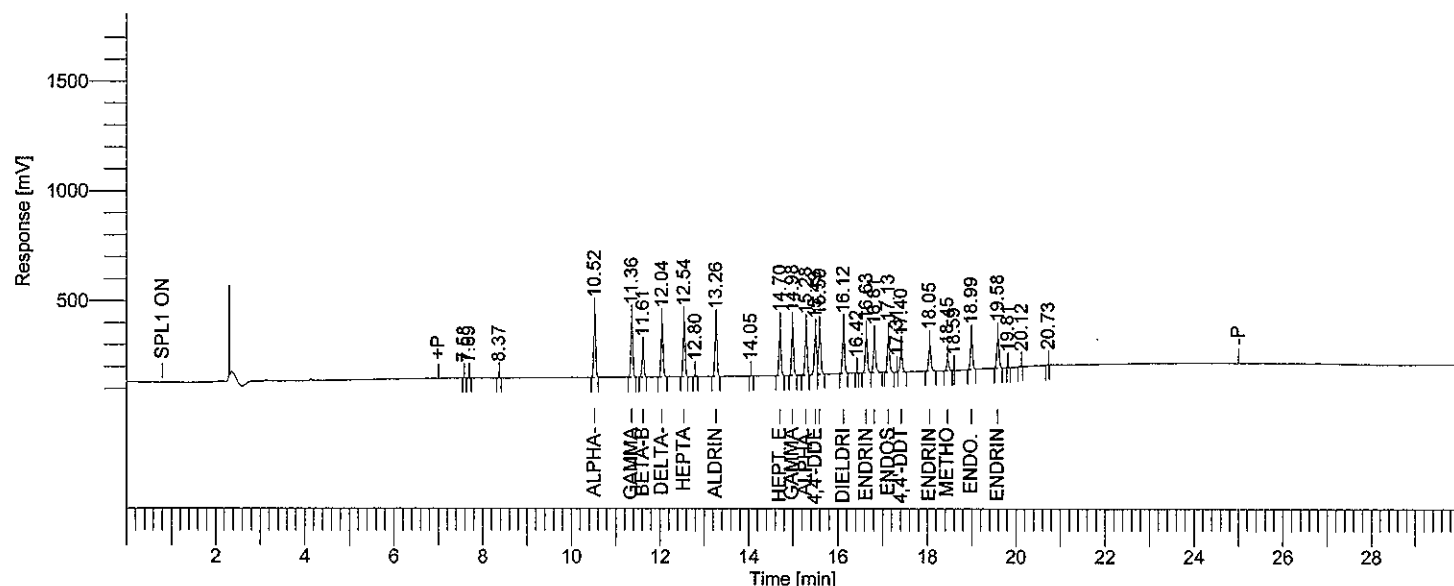
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74599
Operator          : tchrom
Sample Number     : 0.005
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 06/20/2008 15:37:00

Date              : 06/21/2008 07:45:50
Sample Name      : ICM25WR DF10
Study            : ICAL
Rack/Vial        : 1/47
Channel          : A
A/D mV Range     : 1000
End Time         : 29.94 min

Area Reject      : 6000.000000
Dilution Factor  : 1.00
Cycle            : 5
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a13147.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a13147.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13147.raw
Proc Method   : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13147.rst
Calib Method  : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a13147.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



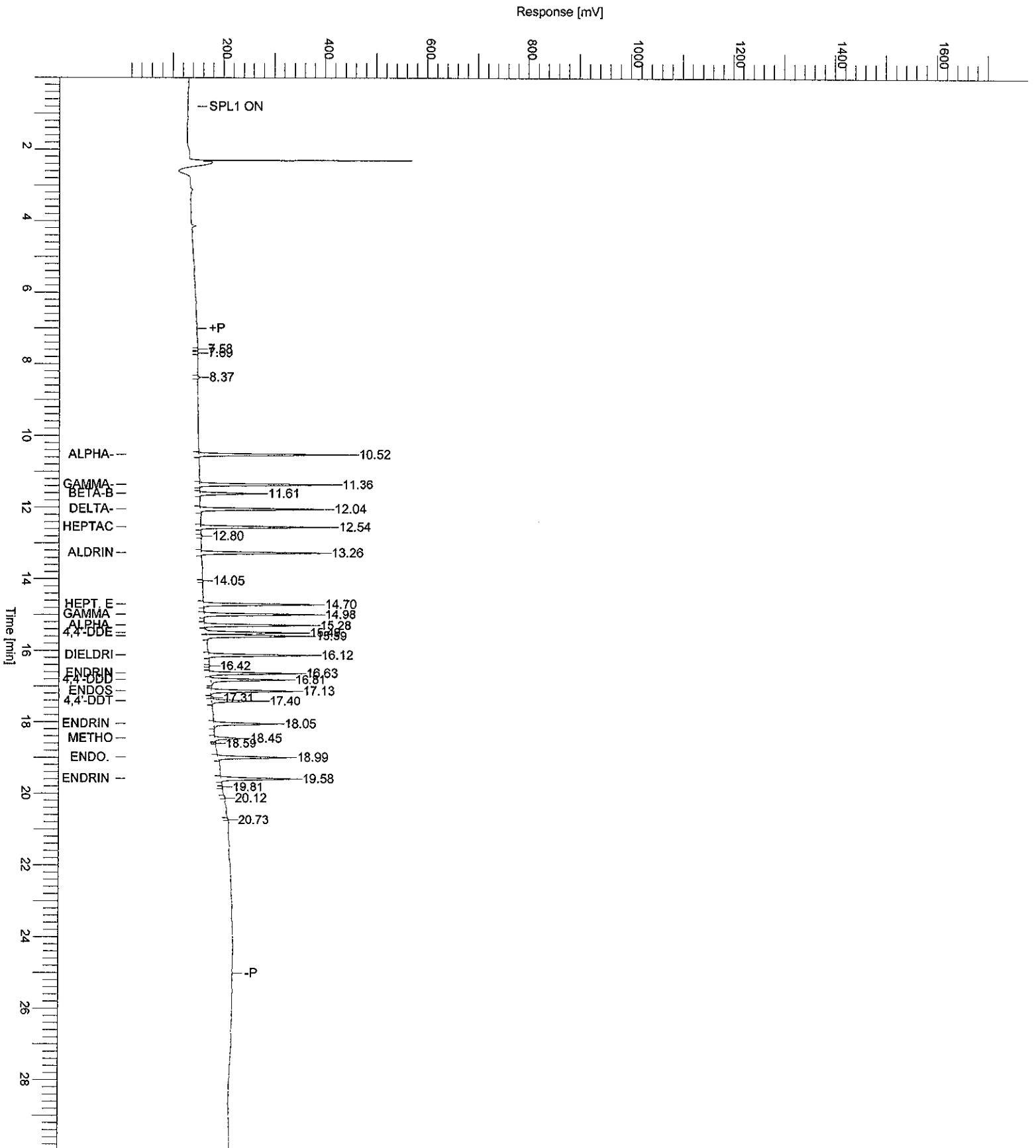
HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
3	8.37	10662		B	0.01066	3684.93
4	10.52	877683	alpha-BHC	B	0.00500	294745.45
5	11.36	797301	gamma-BHC	B	0.00500	261132.24
6	11.61	354570	beta-BHC	B	0.00500	113842.22
7	12.04	770743	delta-BHC	B	0.00500	244499.70
8	12.54	777652	Heptachlor	B	0.00500	252498.77
9	12.80	8550		B	0.00855	2476.42
10	13.26	736506	Aldrin	B	0.00500	236733.76
12	14.70	704649	Hept. epoxide	B	0.00500	219370.40
13	14.98	697990	gamma chlordane	B	0.00500	218863.27
14	15.28	666845	alpha chlordane	B	0.00500	208812.24
15	15.49	618232	4,4'-DDE	B	0.00500	185351.68
16	15.59	668476	Endosulfan I	V	0.00500	195544.08
17	16.12	662864	Dieldrin	B	0.00500	201912.30
19	16.63	570856	Endrin	B	0.00500	169821.23
20	16.81	525316	4,4'-DDD	V	0.00500	146289.35

06/21/2008 07:45:50 Result: H:\TURBO6\6890-06\6a13147.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
21	17.13	566505	Endosulfan II	B	0.00500	160893.94
22	17.31	13951		B	0.01395	4353.50
23	17.40	319331	4,4'-DDT	V	0.00500	94716.98
24	18.05	428838	Endrin aldehyde	B	0.00500	119295.25
25	18.45	165701	Methoxychlor	B	0.00500	49851.18
27	18.99	473669	Endo. Sulfate	B	0.00500	135178.15
28	19.58	515947	Endrin ketone	B	0.00500	140722.92
		11932836			0.13316	3.66e+06

Sample Name : ICM25WR DF10
File Name : H:\TURBO6\6890-06\6a13147.raw
Date : 06/21/2008 07:45:51
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample #: 0.005
Page 1 of 1
Time of Injection: 06/20/2008 15:37:00
End Time : 30.00 min
Plot Scale: 1700.0 mV
Low Point : 10.00 mV
High Point : 1710.00 mV



```

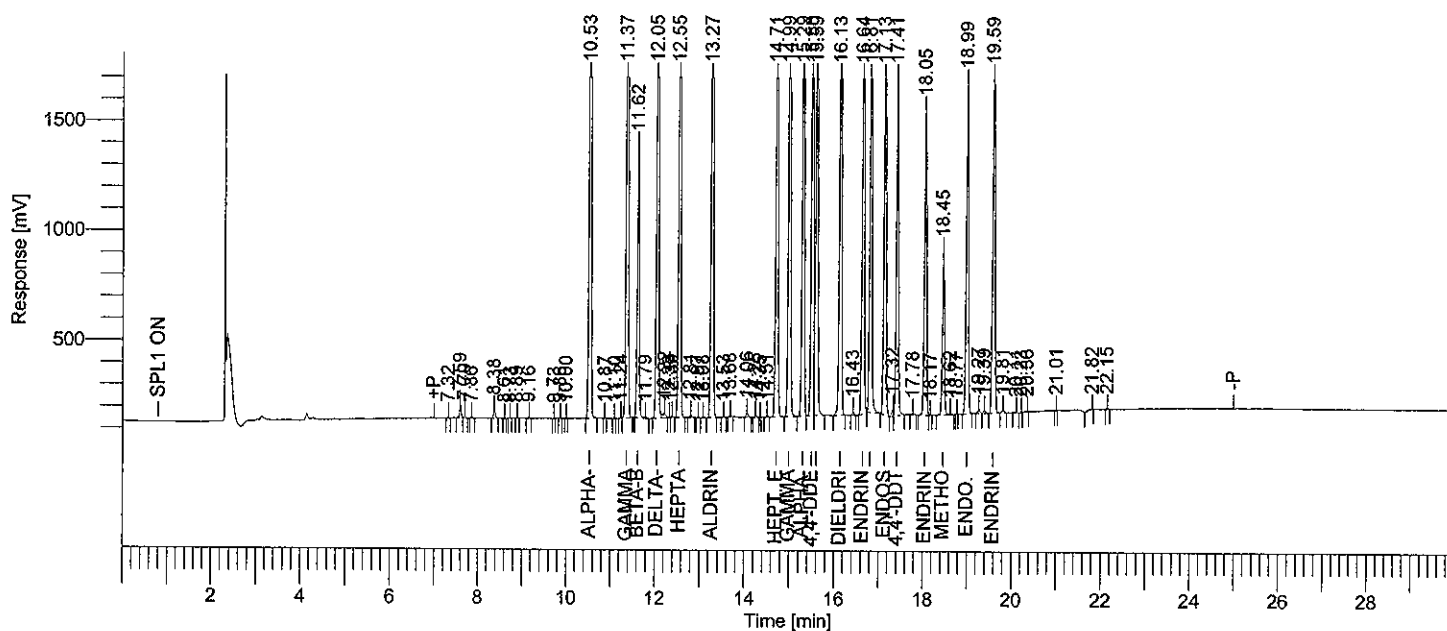
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74601
Operator          : tchrom
Sample Number     : 0.05
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : CN10520010
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 06/20/2008 16:10:50

Date              : 06/21/2008 08:00:22
Sample Name      : ACM25VA
Study            : ALT
Rack/Vial       : 1/48
Channel         : A
A/D mV Range    : 1000
End Time       : 29.97 min

Area Reject     : 3000.000000
Dilution Factor : 1.00
Cycle           : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a13148.raw <Modified>
Result File : H:\TURBO6\6890-06\6a13148.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13148.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13148.rst
Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a13148.rst
Report Format File : h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
10.53	BB	10656754	alpha-BHC	0.05368	3.65e+06	7.4	10.48 - 10.58
11.37	VB	9447949	gamma-BHC	0.05351	3.14e+06	7.0	11.32 - 11.42
11.62	BE	3813130	beta-BHC	0.05428	1.23e+06	8.6	11.57 - 11.67
12.05	BE	8922278	delta-BHC	0.05198	2.90e+06	4.0	12.00 - 12.10
12.55	VB	8975941	Heptachlor	0.05382	2.93e+06	7.6	12.50 - 12.60
13.27	BB	8583714	Aldrin	0.05401	2.78e+06	8.0	13.22 - 13.32
14.71	VB	7814973	Hept. epoxide	0.05513	2.44e+06	10.3	14.66 - 14.76
14.99	BB	7811683	gamma chlordane	0.05325	2.44e+06	6.5	14.94 - 15.04
15.29	BB	7334084	alpha chlordane	0.05406	2.34e+06	8.1	15.24 - 15.34
15.50	BV	7392538	4,4'-DDE	0.05384	2.38e+06	7.7	15.45 - 15.55
15.59	VB	7233439	Endosulfan I	0.05548	2.19e+06	11.0	15.54 - 15.64
16.13	BB	7805908	Dieldrin	0.05478	2.37e+06	9.6	16.08 - 16.18
16.64	BB	6878095	Endrin	0.05408	2.05e+06	8.2	16.59 - 16.69
16.81	BB	6285407	4,4'-DDD	0.05447	1.93e+06	8.9	16.76 - 16.86
17.13	BB	6263022	Endosulfan II	0.05450	1.84e+06	9.0	17.08 - 17.18
17.41	VB	5021186	4,4'-DDT	0.05091	1.55e+06	1.8	17.36 - 17.46

06/21/2008 08:00:22 Result: H:\TURBO6\6890-06\6a13148.rst

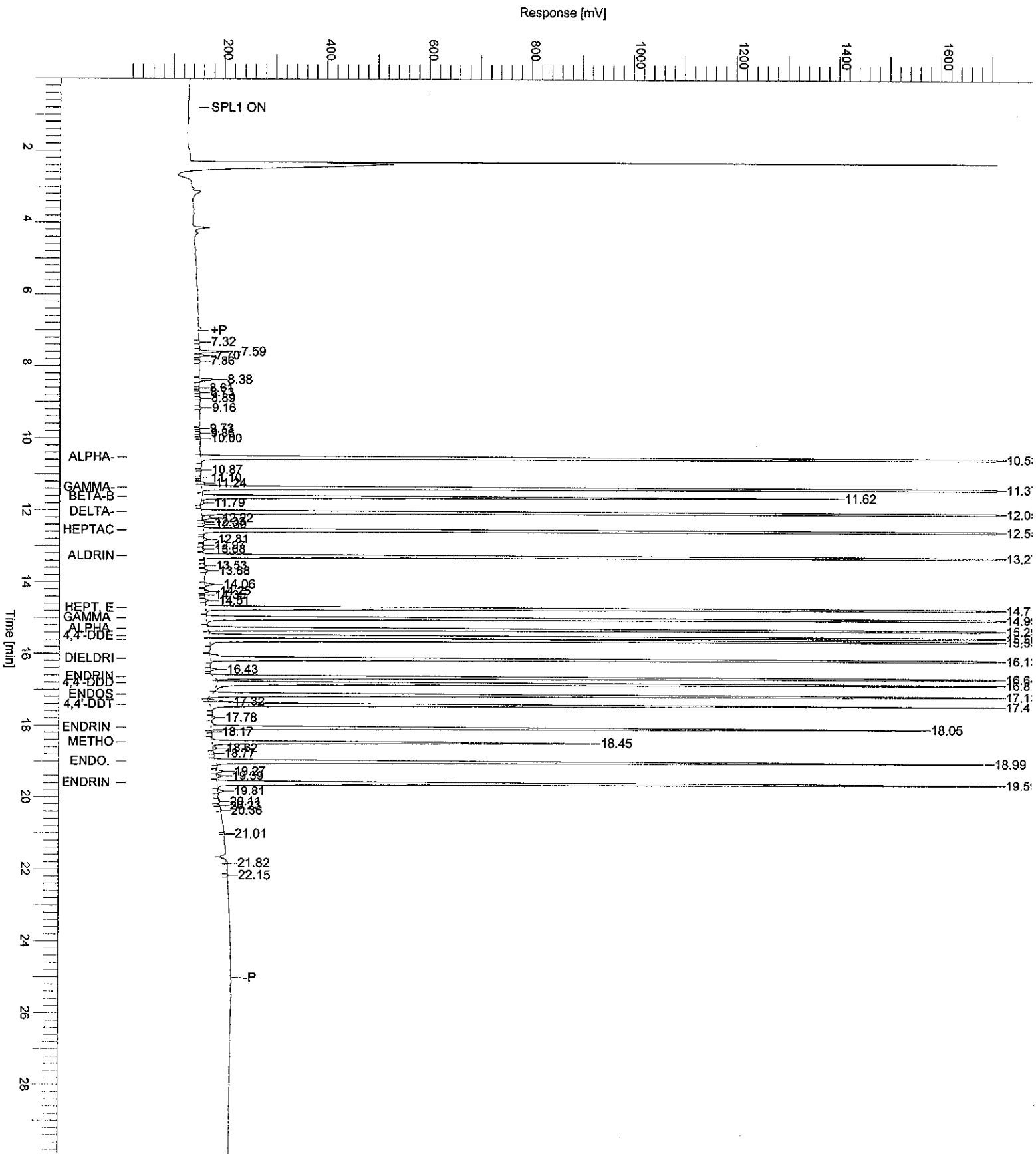
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	-	Relative
18.05	VB	4714936	Endrin aldehyde	0.05658	1.39e+06	13.2	18.00	-	18.10
18.45	BE	2448282	Methoxychlor	0.05185	739841.62	3.7	18.40	-	18.50
18.99	BB	5279150	Endo. Sulfate	0.05319	1.50e+06	6.4	18.94	-	19.04
19.59	BV	6069486	Endrin ketone	0.05437	1.66e+06	8.7	19.54	-	19.64
		1e+08		1.07777	4.34e+07				

Missing Component Report

Component	Expected Retention (Calibration File)
-----------	---------------------------------------

All components were found

Sample Name : ACM25VA
FileName : H:\TURBO6\6890-06\6a13148.raw
Date : 06/21/2008 08:00:23
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV
Sample #: 0.05
Page 1 of 1
Time of Injection: 06/20/2008 16:10:50
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1710.00 mV
Plot Scale: 1700.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6B-(06-20-08).mth
 Printed by : NearyM on: 06/21/2008 07:55:18
 Created by : NearyM on: 06/21/2008 07:42:45
 Edited by : NearyM on: 06/21/2008 07:55:11
 Number of Times Edited : 3
 Number of Times Calibrated : 2473
 Description: PEST CURVE 4-18-08

Processed by: MMW 6 21 08
 Reviewed by: RSB 6 30 08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

alpha-BHC
 Component Type : Single Peak Component
 Retention Time : 12.184 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	870020.10	278862.35	-----	-----	1
B	0.0100	1928135.70	617642.68	-----	-----	1
C	0.0500	9893205.40	3.21e+06	-----	-----	1
D	0.1000	20368253.20	6.70e+06	-----	-----	1
E	0.1500	31572854.00	0.00	-----	-----	0

Calibration Curve : $y = (-346384.547647) + (210680599.101530)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999459

gamma-BHC

Component Type : Single Peak Component
 Retention Time : 13.135 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:55:18 Method: H:\TURBO6\6890-06\6B-(06-20-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	782210.50	244251.19	-----	-----	1
B	0.0100	1718680.30	533850.62	-----	-----	1
C	0.0500	8654866.30	2.73e+06	-----	-----	1
D	0.1000	17693996.80	5.61e+06	-----	-----	1
E	0.1500	27127019.00	8.57e+06	-----	-----	1

Calibration Curve : $y = (-207963.006071) + (181005034.712506)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999742

beta-BHC

Component Type : Single Peak Component
 Retention Time : 13.351 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	368745.90	110819.91	-----	-----	1
B	0.0100	777465.40	238533.85	-----	-----	1
C	0.0500	3574830.20	1.12e+06	-----	-----	1
D	0.1000	7060769.00	2.23e+06	-----	-----	1
E	0.1500	10730864.23	3.39e+06	-----	-----	1

Calibration Curve : $y = (25873.982892) + (71058108.028706)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999883

delta-BHC

Component Type : Single Peak Component
 Retention Time : 14.097 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:55:18 Method: H:\TURBO6\6890-06\6B-(06-20-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	726976.00	224056.31	-----	-----	1
B	0.0100	1610104.40	491250.01	-----	-----	1
C	0.0500	8324397.60	2.60e+06	-----	-----	1
D	0.1000	17057764.80	5.31e+06	-----	-----	1
E	0.1500	26551066.90	8.37e+06	-----	-----	1

Calibration Curve : $y = (-300248.262913) + (177052540.390718)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999377

Heptachlor

Component Type : Single Peak Component
 Retention Time : 14.270 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	754197.40	233815.91	-----	-----	1
B	0.0100	1649416.70	502552.30	-----	-----	1
C	0.0500	8165969.20	2.53e+06	-----	-----	1
D	0.1000	16615768.70	5.21e+06	-----	-----	1
E	0.1500	26097352.00	8.23e+06	-----	-----	1

Calibration Curve : $y = (-260983.803679) + (173294035.261926)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999025

Aldrin

Component Type : Single Peak Component
 Retention Time : 15.067 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:55:18 Method: H:\TURBO6\6890-06\6B-(06-20-08).mth

User Values

Label :
 Value 1 : 0.020000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	686950.30	207874.73	-----	-----	1
B	0.0100	1511767.40	459183.51	-----	-----	1
C	0.0500	7610684.04	2.33e+06	-----	-----	1
D	0.1000	15505074.53	4.80e+06	-----	-----	1
E	0.1500	23930732.18	7.37e+06	-----	-----	1

Calibration Curve : $y = (-197791.389271) + (159473539.615665)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999612

Hept. epoxide

Component Type : Single Peak Component
 Retention Time : 16.413 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	634288.20	185095.11	-----	-----	1
B	0.0100	1364185.30	395372.01	-----	-----	1
C	0.0500	6648005.40	1.97e+06	-----	-----	1
D	0.1000	13337953.00	3.99e+06	-----	-----	1
E	0.1500	20645778.60	6.18e+06	-----	-----	1

Calibration Curve : $y = (-108307.424051) + (137053167.048429)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999552

gamma chlordan

Component Type : Single Peak Component
 Retention Time : 16.848 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:55:18 Method: H:\TURBO6\6890-06\6B-(06-20-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	615690.00	183771.98	-----	-----	1
B	0.0100	1350387.40	395973.31	-----	-----	1
C	0.0500	6639441.30	1.98e+06	-----	-----	1
D	0.1000	13410881.40	4.07e+06	-----	-----	1
E	0.1500	20912171.30	6.34e+06	-----	-----	1

Calibration Curve : $y = (-163238.483442) + (138872266.086387)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999320

alpha chlordane

Component Type : Single Peak Component
 Retention Time : 17.181 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	592725.48	171377.05	-----	-----	1
B	0.0100	1279508.62	367442.29	-----	-----	1
C	0.0500	6189730.20	1.82e+06	-----	-----	1
D	0.1000	12423825.19	3.71e+06	-----	-----	1
E	0.1500	19475216.09	5.83e+06	-----	-----	1

Calibration Curve : $y = (-135816.532590) + (129016148.598659)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999127

Endosulfan I

Component Type : Single Peak Component
 Retention Time : 17.316 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:55:18 Method: H:\TURBO6\6890-06\6B-(06-20-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	585039.32	160615.65	-----	-----	1
B	0.0100	1231606.98	347120.88	-----	-----	1
C	0.0500	5847237.70	1.70e+06	-----	-----	1
D	0.1000	11709701.81	3.45e+06	-----	-----	1
E	0.1500	18081022.01	5.37e+06	-----	-----	1

Calibration Curve : $y = (-58714.531316) + (119835493.567897)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999585

4,4'-DDE

Component Type : Single Peak Component
 Retention Time : 17.531 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	506155.10	150125.63	-----	-----	1
B	0.0100	1130630.90	343537.68	-----	-----	1
C	0.0500	5870351.40	1.83e+06	-----	-----	1
D	0.1000	11906748.00	3.72e+06	-----	-----	1
E	0.1500	18900550.80	5.97e+06	-----	-----	1

Calibration Curve : $y = (-250467.695582) + (125608808.501309)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998689

Dieldrin

Component Type : Single Peak Component
 Retention Time : 17.932 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:55:18 Method: H:\TURBO6\6890-06\6B-(06-20-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	550936.80	156638.26	-----	-----	1
B	0.0100	1230153.00	349366.44	-----	-----	1
C	0.0500	6211567.40	1.80e+06	-----	-----	1
D	0.1000	12670914.80	3.72e+06	-----	-----	1
E	0.1500	19806341.60	5.80e+06	-----	-----	1

Calibration Curve : $y = (-210113.118575) + (131811040.247724)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999233

Endrin

Component Type : Single Peak Component
 Retention Time : 18.614 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	445882.97	122017.41	-----	-----	1
B	0.0100	1011605.46	275009.35	-----	-----	1
C	0.0500	5293205.66	1.43e+06	-----	-----	1
D	0.1000	10376584.20	2.93e+06	-----	-----	1
E	0.1500	16404959.70	4.66e+06	-----	-----	1

Calibration Curve : $y = (-149655.844075) + (108827034.793107)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998961

4,4'-DDD

Component Type : Single Peak Component
 Retention Time : 18.803 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:55:18 Method: H:\TURBO6\6890-06\6B-(06-20-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	444527.83	124025.31	-----	-----	1
B	0.0100	1015449.92	283999.53	-----	-----	1
C	0.0500	5107055.09	1.46e+06	-----	-----	1
D	0.1000	9810416.40	2.95e+06	-----	-----	1
E	0.1500	15405815.60	4.74e+06	-----	-----	1

Calibration Curve : $y = (-64144.607087) + (101917418.095230)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999099

Endosulfan II

Component Type : Single Peak Component
 Retention Time : 19.070 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	466559.00	127216.87	-----	-----	1
B	0.0100	1033495.32	284244.10	-----	-----	1
C	0.0500	5087547.06	1.39e+06	-----	-----	1
D	0.1000	9816734.60	2.78e+06	-----	-----	1
E	0.1500	15266952.20	4.31e+06	-----	-----	1

Calibration Curve : $y = (-29526.715111) + (101012449.998581)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999402

4,4'-DDT

Component Type : Single Peak Component
 Retention Time : 19.494 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:55:18 Method: H:\TURBO6\6890-06\6B-(06-20-08).mth

User Values

Label :
 Value 1 : 0.040000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	241238.00	71435.98	-----	-----	1
B	0.0100	616235.60	183229.38	-----	-----	1
C	0.0500	3705683.60	1.09e+06	-----	-----	1
D	0.1000	7745312.62	2.34e+06	-----	-----	1
E	0.1500	13363979.31	4.05e+06	-----	-----	1

Calibration Curve : $y = (-449819.532792) + (88639829.654619)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.992677

Endrin aldehyde

Component Type : Single Peak Component
 Retention Time : 19.800 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	357666.00	95336.01	-----	-----	1
B	0.0100	779348.40	212439.71	-----	-----	1
C	0.0500	3742848.05	1.02e+06	-----	-----	1
D	0.1000	7295242.27	2.01e+06	-----	-----	1
E	0.1500	11285799.29	3.14e+06	-----	-----	1

Calibration Curve : $y = (-12539.566768) + (74678101.077593)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999561

Endo. Sulfate

Component Type : Single Peak Component
 Retention Time : 20.403 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:55:18 Method: H:\TURBO6\6890-06\6B-(06-20-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	417463.20	114151.12	-----	-----	1
B	0.0100	920521.20	252783.48	-----	-----	1
C	0.0500	4506226.40	1.25e+06	-----	-----	1
D	0.1000	8842091.26	2.48e+06	-----	-----	1
E	0.1500	13850111.57	3.90e+06	-----	-----	1

Calibration Curve : $y = (-67177.091377) + (91658092.341591)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999221

Methoxychlor

Component Type : Single Peak Component
 Retention Time : 20.938 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	135673.80	39009.91	-----	-----	1
B	0.0100	324658.30	94047.72	-----	-----	1
C	0.0500	1796656.60	527661.63	-----	-----	1
D	0.1000	3670875.80	1.09e+06	-----	-----	1
E	0.1500	6343829.53	1.89e+06	-----	-----	1

Calibration Curve : $y = (-181531.171598) + (41839205.991357)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.992414

Endrin ketone

Component Type : Single Peak Component
 Retention Time : 21.616 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 07:55:18 Method: H:\TURBO6\6890-06\6B-(06-20-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	410679.40	99065.58	-----	-----	1
B	0.0100	916327.80	221763.25	-----	-----	1
C	0.0500	4632845.00	1.12e+06	-----	-----	1
D	0.1000	9268819.40	2.26e+06	-----	-----	1
E	0.1500	14584576.17	3.60e+06	-----	-----	1

Calibration Curve : $y = (-136116.080350) + (96805803.707393)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.999079

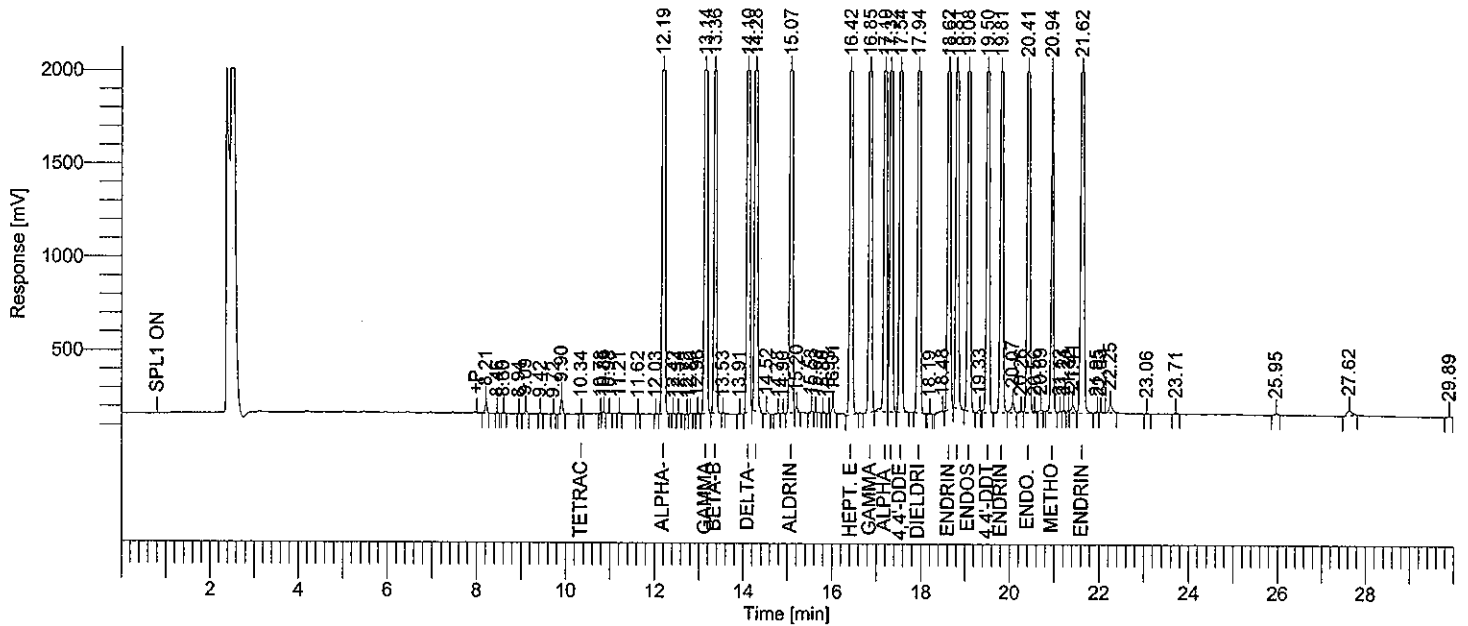
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Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74592
Operator          : tchrom
Sample Number     : 0.15
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 06/20/2008 13:21:55

Date              : 06/21/2008 07:45:20
Sample Name      : ICM25WD
Study            : ICAL
Rack/Vial        : 1/43
Channel          : B
A/D mV Range    : 1000
End Time        : 29.96 min
Area Reject     : 6000.000000
Dilution Factor : 1.00
Cycle           : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b13143.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b13143.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13143.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13143.rst
Calib Method  : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b13143.rst
Report Format  : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

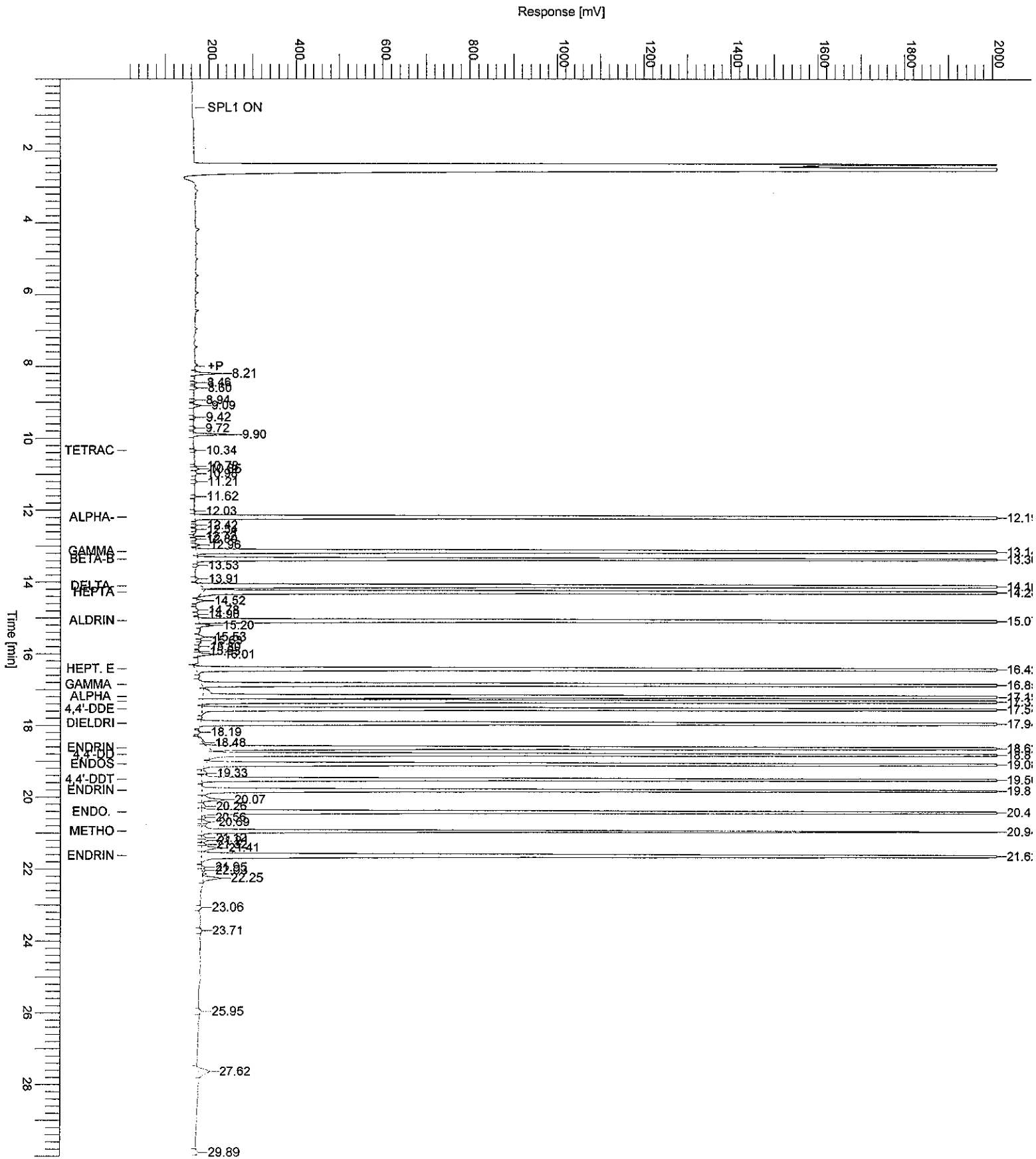
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.21	183404		B	0.18340	62067.30
2	8.46	13323		B	0.01332	6001.59
3	8.60	22626		B	0.02263	8261.71
4	8.94	12273		B	0.01227	5390.62
5	9.09	56302		B	0.05630	18116.97
6	9.42	13631		B	0.01363	5414.65
7	9.72	13083		B	0.01308	4175.91
8	9.90	264577		B	0.26458	88651.91
9	10.34	11168	Tetrachloro-m-xylene	B	0.10000	4682.48
10	10.78	11601		B	0.01160	4938.58
11	10.85	35708		V	0.03571	10199.30
12	10.98	17477		V	0.01748	2786.03
13	11.21	13014		B	0.01301	5214.52
14	11.62	11354		B	0.01135	4335.30
15	12.03	9141		B	0.00914	3509.77
16	12.19	31572854	alpha-BHC	B	-----	1.03e+07

06/21/2008 07:45:20 Result: H:\TURBO6\6890-06\6b13143.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	12.42	9675		B	0.00967	3406.48
18	12.54	9681		B	0.00968	3409.61
19	12.72	11766		B	0.01177	3762.89
20	12.80	12732		V	0.01273	3950.96
21	12.96	30959		B	0.03096	10619.51
22	13.14	27127019	gamma-BHC	B	0.15000	8.57e+06
23	13.36	10730864	beta-BHC	B	0.15000	3.39e+06
24	13.53	6223		V	0.00622	2597.27
25	13.91	25345		B	0.02534	6744.58
26	14.10	26551067	delta-BHC	B	0.15000	8.37e+06
27	14.28	26097352	Heptachlor	B	0.15000	8.23e+06
28	14.52	62979		B	0.06298	18187.06
29	14.78	18004		B	0.01800	4179.64
30	14.90	6470		V	0.00647	2288.04
31	15.07	23930732	Aldrin	V	0.15000	7.37e+06
32	15.20	98496		V	0.09850	29833.66
33	15.53	40445		B	0.04044	10620.41
35	15.80	10140		B	0.01014	3017.14
37	16.01	129881		V	0.12988	36680.40
38	16.42	20645779	Hept. epoxide	B	0.15000	6.18e+06
39	16.85	20912171	gamma chlordane	B	0.15000	6.34e+06
40	17.19	19475216	alpha chlordane	B	0.15000	5.83e+06
41	17.32	18081022	Endosulfan I	V	0.15000	5.37e+06
42	17.54	18900551	4,4'-DDE	B	0.15000	5.97e+06
43	17.94	19806342	Dieldrin	B	0.15000	5.80e+06
44	18.19	16643		B	0.01664	5155.55
45	18.48	50898		B	0.05090	4116.55
46	18.62	16404960	Endrin	B	0.15000	4.66e+06
47	18.81	15405816	4,4'-DDD	B	0.15000	4.74e+06
48	19.08	15266952	Endosulfan II	B	0.15000	4.31e+06
49	19.33	63889		B	0.06389	12014.44
50	19.50	13363979	4,4'-DDT	V	0.15000	4.05e+06
51	19.81	11285799	Endrin aldehyde	B	0.15000	3.14e+06
52	20.07	263367		V	0.26337	51254.10
53	20.26	57518		V	0.05752	9027.27
54	20.41	13850112	Endo. Sulfate	V	0.15000	3.90e+06
55	20.56	37649		E	0.03765	7715.80
56	20.69	85794		V	0.08579	15076.98
57	20.94	6343830	Methoxychlor	V	0.15000	1.89e+06
58	21.12	43335		V	0.04333	8785.41
59	21.21	55817		V	0.05582	13467.78
60	21.32	36493		V	0.03649	10674.05
61	21.41	211440		V	0.21144	38715.29
62	21.62	14584576	Endrin ketone	V	0.15000	3.60e+06
63	21.95	30811		B	0.03081	7202.83
64	22.03	35701		V	0.03570	7225.30
65	22.25	215809		V	0.21581	41283.69
66	23.06	21083		B	0.02108	4128.57
67	23.71	20228		B	0.02023	4140.89
68	25.95	30748		B	0.03075	5487.32
69	27.62	229950		B	0.22995	24779.84
70	29.89	22842		B	0.02284	3730.02
		4e+08			5.63032	1.13e+08

Warning -- Signal level out-of-range in peak

Sample Name : ICM25WD
 File Name : H:\TURBO6\6890-06\6b13143.raw
 Date : 06/21/2008 07:45:22
 Method : 6890-6ins
 Start Time : 0.00 min
 Plot Offset: 10.00 mV
 Sample #: 0.15
 Page 1 of 1
 Time of Injection: 06/20/2008 13:21:55
 End Time : 30.00 min
 Low Point : 10.00 mV
 High Point : 2010.00 mV
 Plot Scale: 2000.0 mV




```

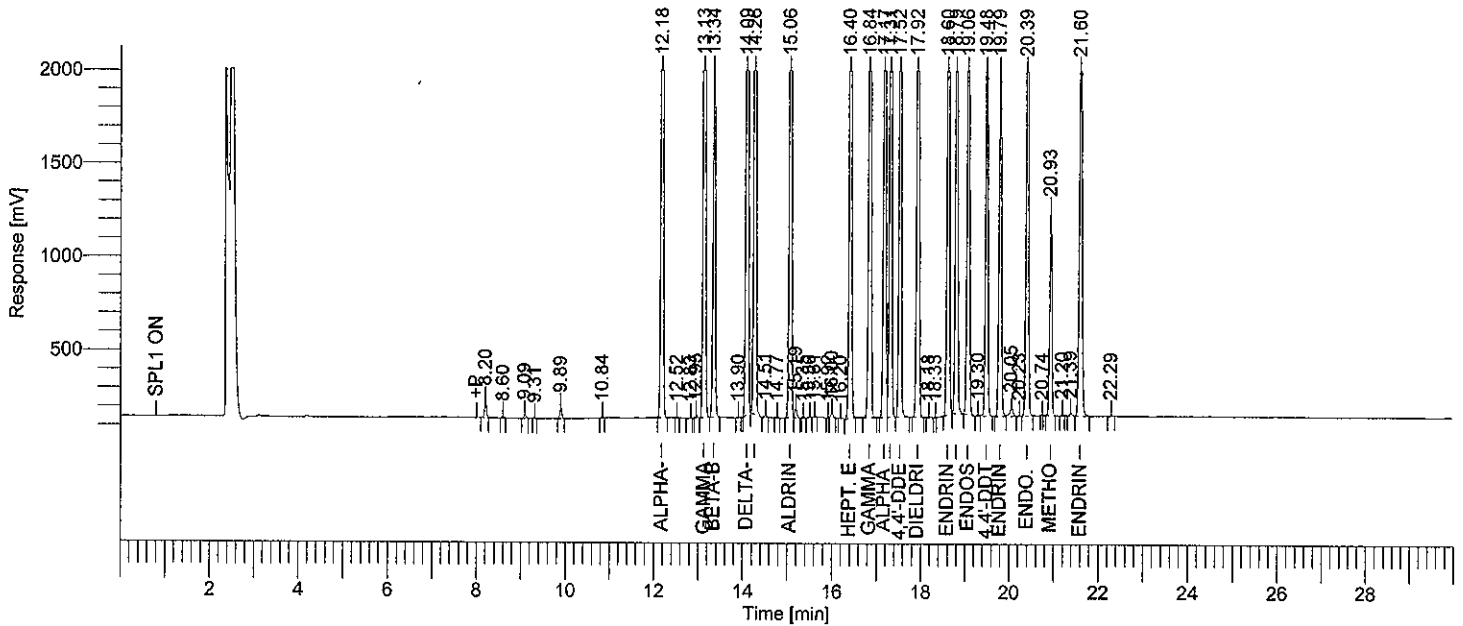
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74594
Operator          : tchrom
Sample Number     : 0.10
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 06/20/2008 13:55:42

Date              : 06/21/2008 07:45:29
Sample Name      : ICM25WC
Study           : ICAL
Rack/Vial       : 1/44
Channel         : B
A/D mV Range    : 1000
End Time        : 29.97 min

Area Reject     : 6000.000000
Dilution Factor : 1.00
Cycle           : 2
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b13144.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b13144.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13144.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13144.rst
Calib Method  : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b13144.rst
Report Format  : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



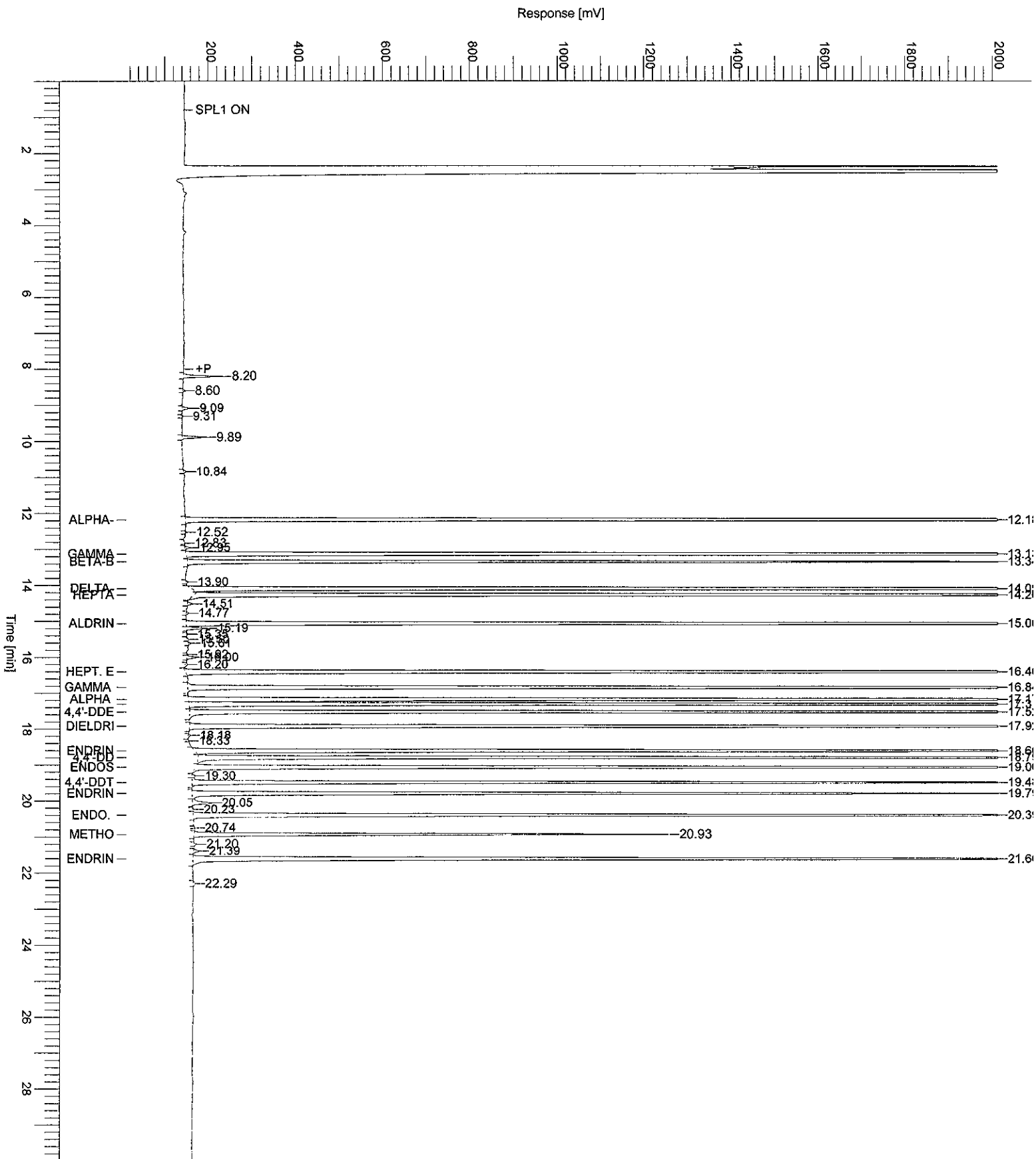
HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.20	264945		B	0.26494	88907.53
2	8.60	15551		B	0.01555	5517.78
3	9.09	56908		B	0.05691	18040.47
4	9.31	7033		B	0.00703	2514.76
5	9.89	169368		B	0.16937	56756.96
6	10.84	21060		B	0.02106	6623.63
7	12.18	20368253	alpha-BHC	B	0.10000	6.70e+06
8	12.52	6721		B	0.00672	2367.05
9	12.83	6072		B	0.00607	705.45
10	12.95	36185		B	0.03618	11651.44
11	13.13	17693997	gamma-BHC	B	0.10000	5.61e+06
12	13.34	7060769	beta-BHC	B	0.10000	2.23e+06
13	13.90	13221		B	0.01322	4290.54
14	14.09	17057765	delta-BHC	B	0.10000	5.31e+06
15	14.26	16615769	Heptachlor	B	0.10000	5.21e+06
16	14.51	43261		B	0.04326	12831.78

06/21/2008 07:45:29 Result: H:\TURBO6\6890-06\6b13144.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	14.77	15806		B	0.01581	5066.77
18	15.06	15505075	Aldrin	B	0.10000	4.80e+06
19	15.19	149521		V	0.14952	48022.46
20	15.35	7744		B	0.00774	2351.64
21	15.50	15001		B	0.01500	3273.31
22	15.61	17102		V	0.01710	5761.97
24	16.00	83105		V	0.08310	24801.62
25	16.20	29192		B	0.02919	4804.58
26	16.40	13337953	Hept. epoxide	B	0.10000	3.99e+06
27	16.84	13410881	gamma chlordane	B	0.10000	4.07e+06
28	17.17	12423825	alpha chlordane	B	0.10000	3.71e+06
29	17.31	11709702	Endosulfan I	V	0.10000	3.45e+06
30	17.52	11906748	4,4'-DDE	B	0.10000	3.72e+06
31	17.92	12670915	Dieldrin	B	0.10000	3.72e+06
32	18.18	18683		B	0.01868	4429.35
34	18.60	10376584	Endrin	B	0.10000	2.93e+06
35	18.79	9810416	4,4'-DDD	B	0.10000	2.95e+06
36	19.06	9816735	Endosulfan II	B	0.10000	2.78e+06
37	19.30	33161		B	0.03316	6434.11
38	19.48	7745313	4,4'-DDT	V	0.10000	2.34e+06
39	19.79	7295242	Endrin aldehyde	B	0.10000	2.01e+06
40	20.05	208796		V	0.20880	44505.79
41	20.23	11296		B	0.01130	2769.18
42	20.39	8842091	Endo. Sulfate	V	0.10000	2.48e+06
44	20.93	3670876	Methoxychlor	B	0.10000	1.09e+06
45	21.20	17092		B	0.01709	5527.69
46	21.39	49908		B	0.04991	12896.69
47	21.60	9268819	Endrin ketone	B	0.10000	2.26e+06
48	22.29	20646		B	0.02065	3679.27
		2e+08			3.31738	7.18e+07

Sample Name : ICM25WC
File Name : H:\TURBO6\6890-06\6b13144.raw
Date : 06/21/2008 07:45:31
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # : 0.10
Page 1 of 1
Time of Injection : 06/20/2008 13:55:42
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Scale : 2000.0 mV



```

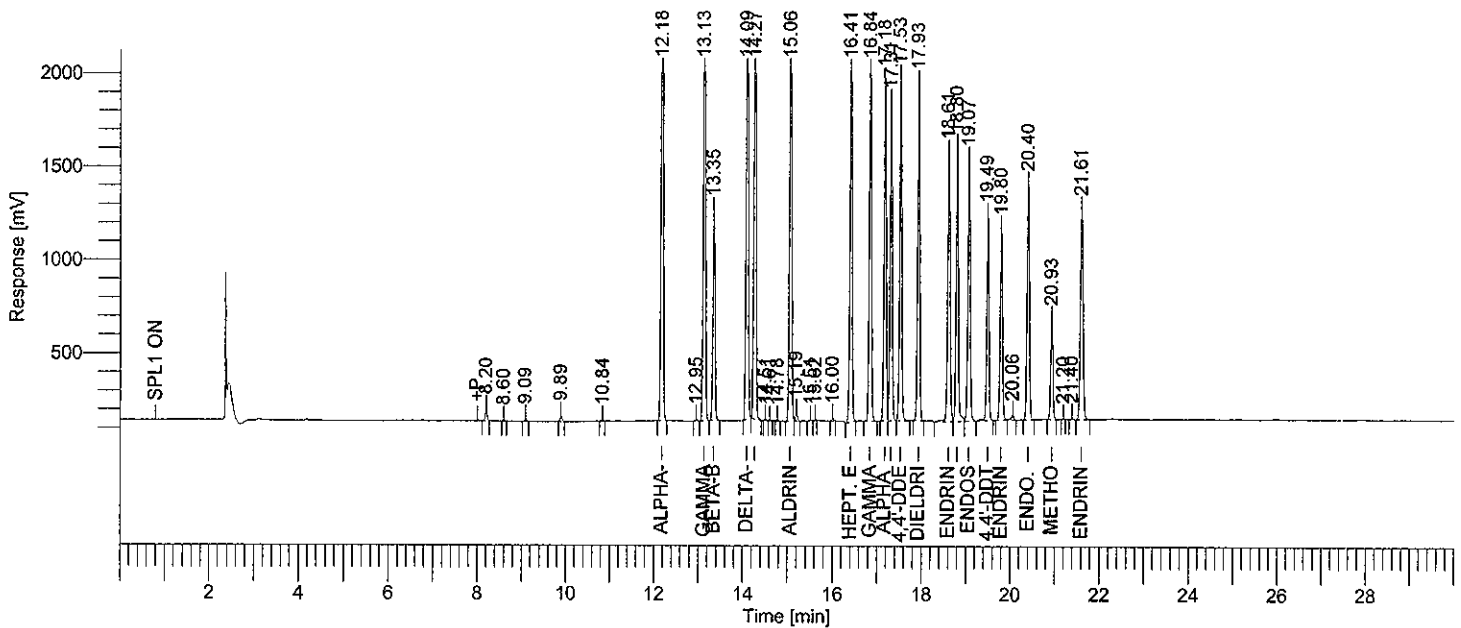
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 74596
Operator : tchrom
Sample Number : 0.05
AutoSampler : BUILT-IN
Instrument Name : HP6890-06
Instrument Serial # : CN10520010
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 06/20/2008 14:29:24

Date : 06/21/2008 07:45:38
Sample Name : ICM25WR
Study : ICAL
Rack/Vial : 1/45
Channel : B
A/D mV Range : 1000
End Time : 30.00 min

Area Reject : 6000.000000
Dilution Factor : 1.00
Cycle : 3
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b13145.raw <Modified>
Result File : H:\TURBO6\6890-06\6b13145.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13145.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13145.rst
Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b13145.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



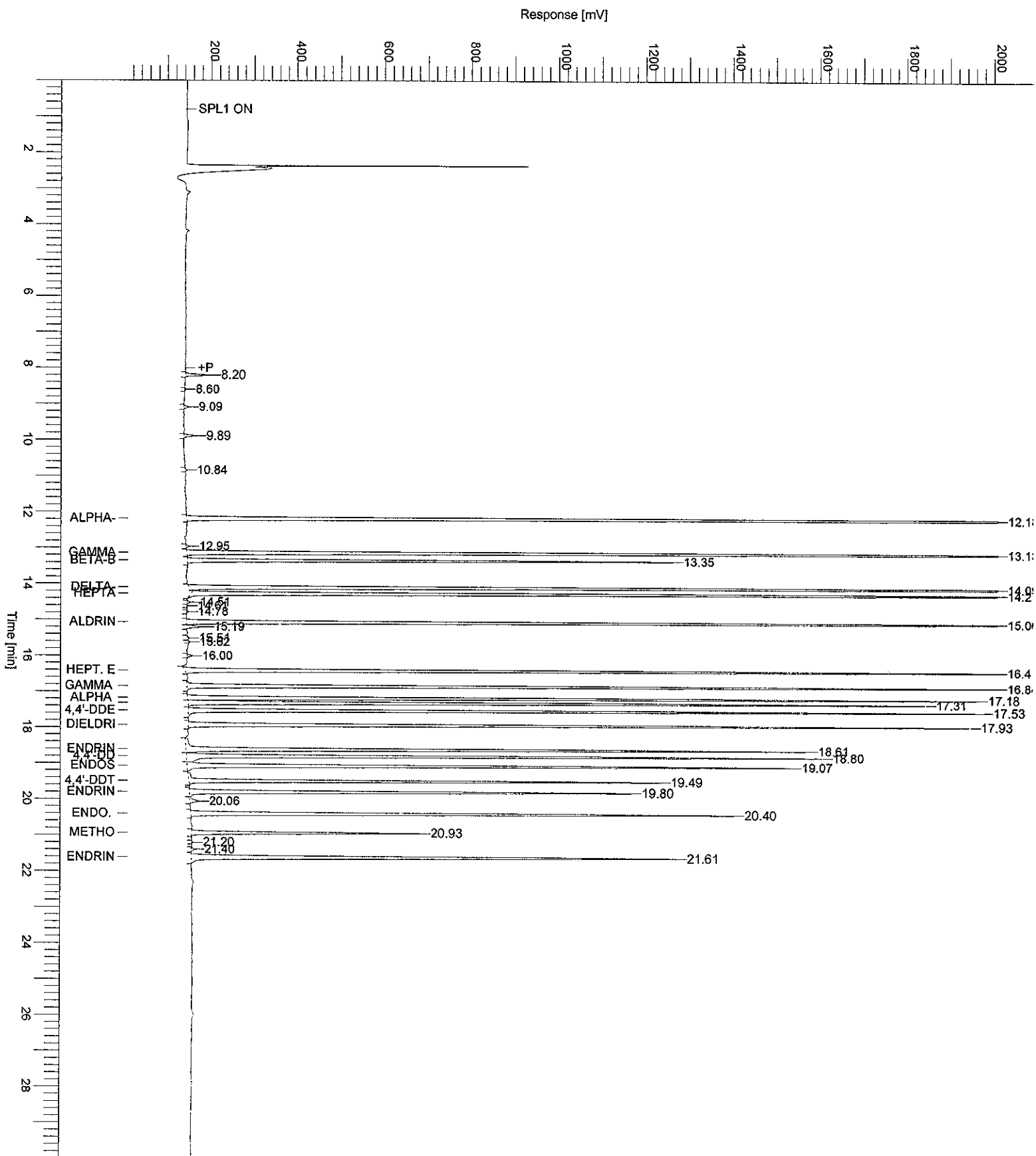
HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.20	175045		B	0.17504	59949.00
2	8.60	7730		B	0.00773	2593.20
3	9.09	35988		B	0.03599	11100.68
4	9.89	86868		B	0.08687	28917.15
5	10.84	15203		B	0.01520	4168.71
6	12.18	9893205	alpha-BHC	B	0.05000	3.21e+06
7	12.95	22022		B	0.02202	7070.74
8	13.13	8654866	gamma-BHC	B	0.05000	2.73e+06
9	13.35	3574830	beta-BHC	B	0.05000	1.12e+06
10	14.09	8324398	delta-BHC	B	0.05000	2.60e+06
11	14.27	8165969	Heptachlor	B	0.05000	2.53e+06
12	14.51	20805		B	0.02080	6488.43
14	14.78	9391		B	0.00939	3023.77
15	15.06	7610684	Aldrin	B	0.05000	2.33e+06
16	15.19	126000		V	0.12600	40640.73
17	15.51	15887		B	0.01589	3367.54

06/21/2008 07:45:38 Result: H:\TURBO6\6890-06\6b13145.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	15.62	7527		B	0.00753	2931.24
19	16.00	37441		B	0.03744	12048.30
20	16.41	6648005	Hept. epoxide	B	0.05000	1.97e+06
21	16.84	6639441	gamma chlordane	B	0.05000	1.98e+06
22	17.18	6189730	alpha chlordane	B	0.05000	1.82e+06
23	17.31	5847238	Endosulfan I	V	0.05000	1.70e+06
24	17.53	5870351	4,4'-DDE	B	0.05000	1.83e+06
25	17.93	6211567	Dieldrin	B	0.05000	1.80e+06
26	18.61	5293206	Endrin	B	0.05000	1.43e+06
27	18.80	5107055	4,4'-DDD	V	0.05000	1.46e+06
28	19.07	5087547	Endosulfan II	V	0.05000	1.39e+06
29	19.49	3705684	4,4'-DDT	B	0.05000	1.09e+06
30	19.80	3742848	Endrin aldehyde	B	0.05000	1.02e+06
31	20.06	100381		V	0.10038	21081.71
32	20.40	4506226	Endo. Sulfate	B	0.05000	1.25e+06
33	20.93	1796657	Methoxychlor	B	0.05000	527661.63
34	21.20	8025		B	0.00802	2650.21
35	21.40	26339		B	0.02634	6753.03
36	21.61	4632845	Endrin ketone	B	0.05000	1.12e+06
		1e+08			1.69465	3.51e+07

Sample Name : ICM25WR
File Name : H:\TURBO6\6890-06\6b13145.raw
Date : 06/21/2008 07:45:39
Method : 6890-6ins
Time of Injection: 06/20/2008 14:29:24
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Offset: 10.00 mV
Plot Scale: 2000.0 mV



```

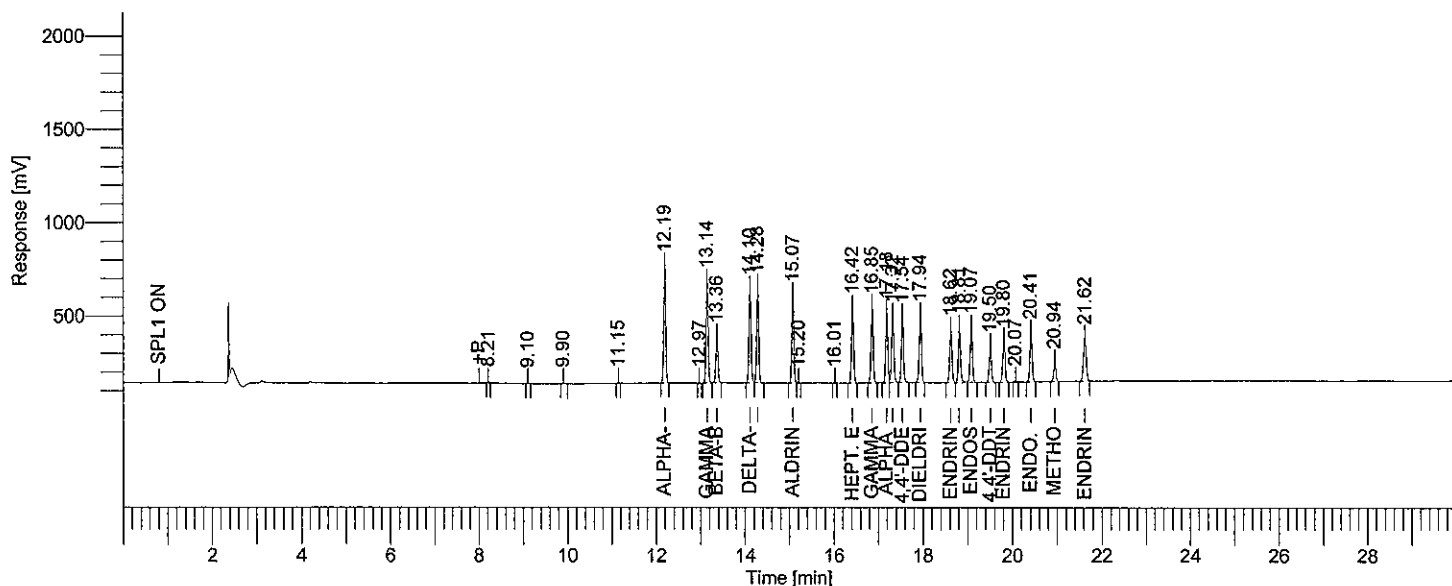
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74598
Operator          : tchrom
Sample Number     : 0.01
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 06/20/2008 15:03:15

Date              : 06/21/2008 07:45:46
Sample Name       : ICM25WC DF10
Study             : ICAL
Rack/Vial         : 1/46
Channel           : B
A/D mV Range     : 1000
End Time         : 29.99 min

Area Reject      : 6000.000000
Dilution Factor  : 1.00
Cycle            : 4
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b13146.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b13146.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13146.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13146.rst
Calib Method  : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b13146.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



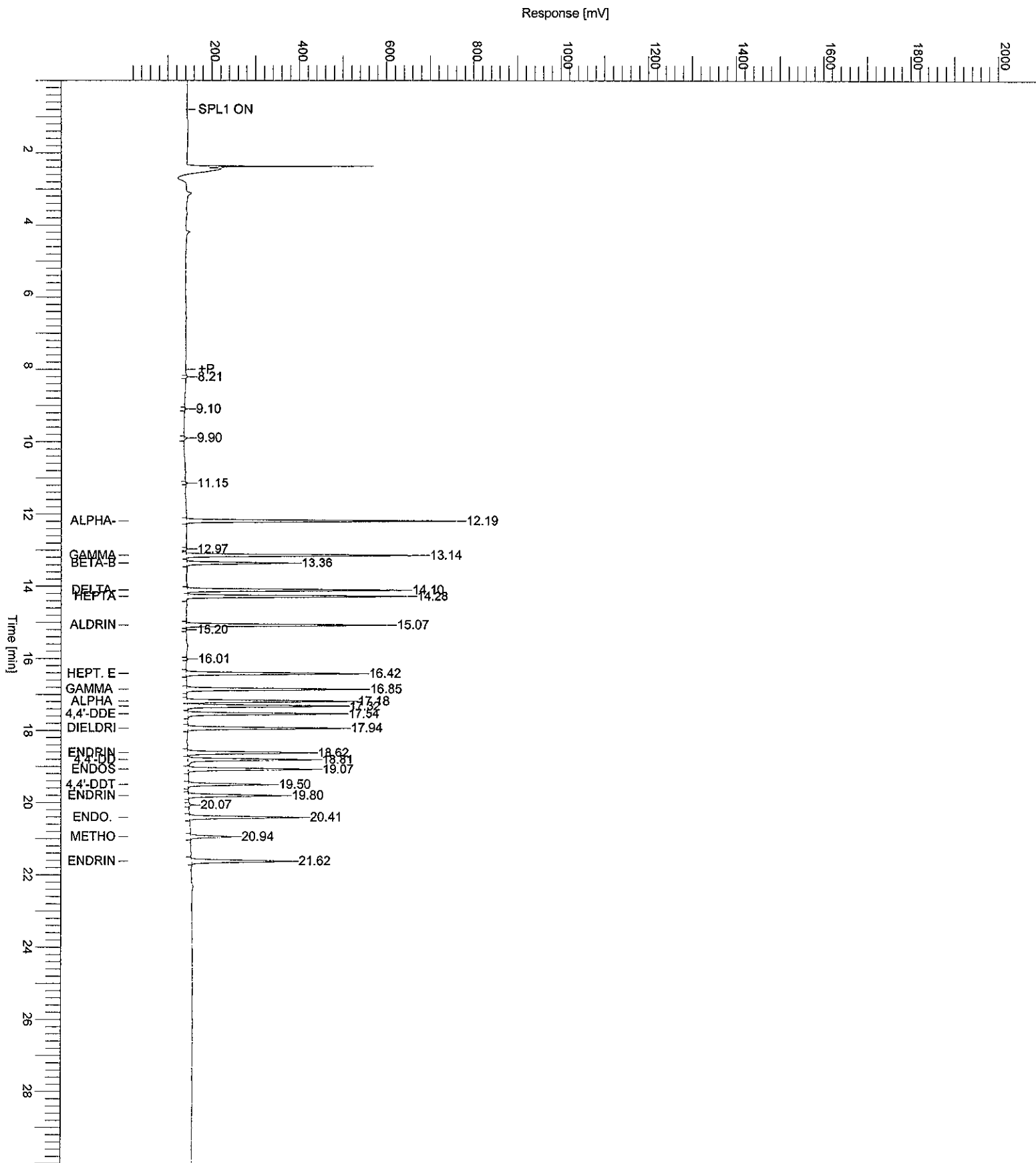
HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.21	10022		B	0.01002	3871.28
2	9.10	8729		B	0.00873	2992.05
3	9.90	24053		B	0.02405	7012.41
4	11.15	8822		B	0.00882	3521.92
5	12.19	1928136	alpha-BHC	B	0.01000	617642.68
7	13.14	1718680	gamma-BHC	B	0.01000	533850.62
8	13.36	777465	beta-BHC	B	0.01000	238533.85
9	14.10	1610104	delta-BHC	B	0.01000	491250.01
10	14.28	1649417	Heptachlor	B	0.01000	502552.30
11	15.07	1511767	Aldrin	B	0.01000	459183.51
13	16.01	7139		B	0.00714	2502.59
14	16.42	1364185	Hept. epoxide	B	0.01000	395372.01
15	16.85	1350387	gamma chlordane	B	0.01000	395973.31
16	17.18	1279509	alpha chlordane	B	0.01000	367442.29
17	17.32	1231607	Endosulfan I	V	0.01000	347120.88
18	17.54	1130631	4,4'-DDE	B	0.01000	343537.68

06/21/2008 07:45:46 Result: H:\TURBO6\6890-06\6b13146.rst

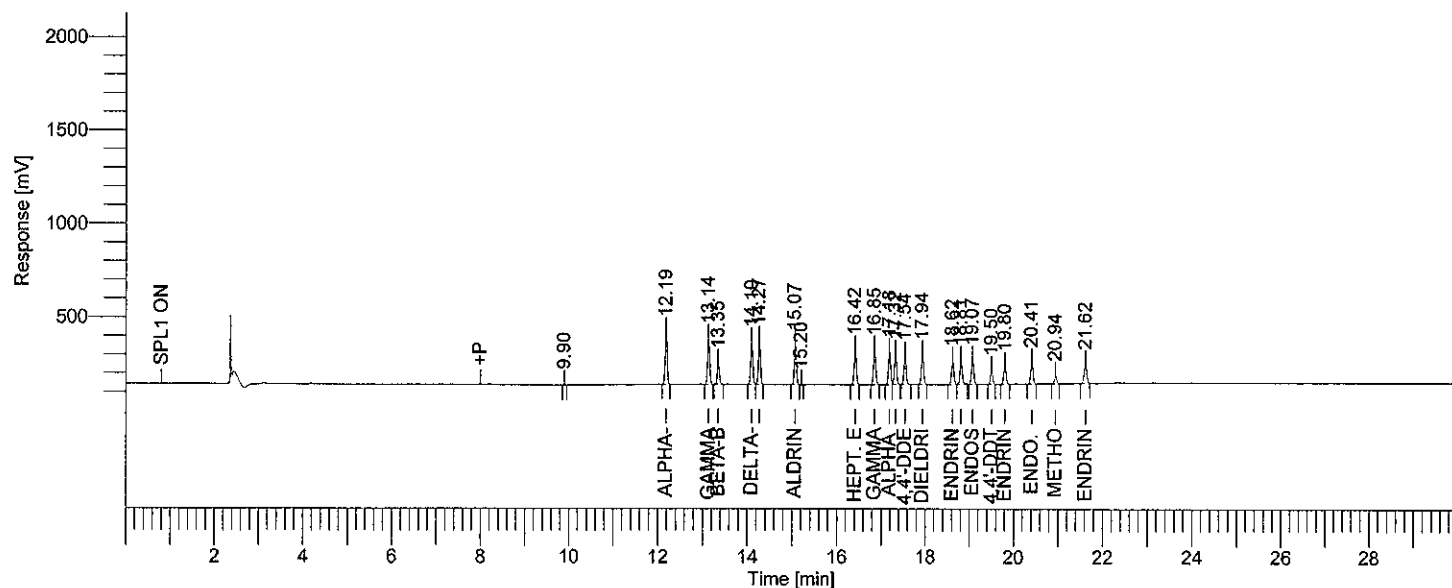
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
19	17.94	1230153	Dieldrin	B	0.01000	349366.44
20	18.62	1011605	Endrin	B	0.01000	275009.35
21	18.81	1015450	4,4'-DDD	V	0.01000	283999.53
22	19.07	1033495	Endosulfan II	V	0.01000	284244.10
23	19.50	616236	4,4'-DDT	B	0.01000	183229.38
24	19.80	779348	Endrin aldehyde	B	0.01000	212439.71
25	20.07	12509		B	0.01251	3537.80
26	20.41	920521	Endo. Sulfate	B	0.01000	252783.48
27	20.94	324658	Methoxychlor	B	0.01000	94047.72
28	21.62	916328	Endrin ketone	B	0.01000	221763.25
		23470958			0.27127	6.87e+06

Sample Name : ICM25WC DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b13146.raw
Date : 06/21/2008 07:45:47
Method : 6890-6ins Time of Injection: 06/20/2008 15:03:15
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2008 07:45:54
Reprocess Number	: buf2048: 74600	Sample Name	: ICM25WR DF10
Operator	: tchrom	Study	: ICAL
Sample Number	: 0.005	Rack/Vial	: 1/47
AutoSampler	: BUILT-IN	Channel	: B
Instrument Name	: HP6890-06	A/D mV Range	: 1000
Instrument Serial #	: CN10520010	End Time	: 29.94 min
Delay Time	: 0.00 min	Area Reject	: 6000.000000
Sampling Rate	: 5.0000 pts/s	Dilution Factor	: 1.00
Sample Volume	: 1.000000 ul	Cycle	: 5
Sample Amount	: 1.0000		
Data Acquisition Time	: 06/20/2008 15:37:00		

Raw Data File : H:\TURBO6\6890-06\6b13147.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b13147.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13147.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13147.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b13147.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-13.seq



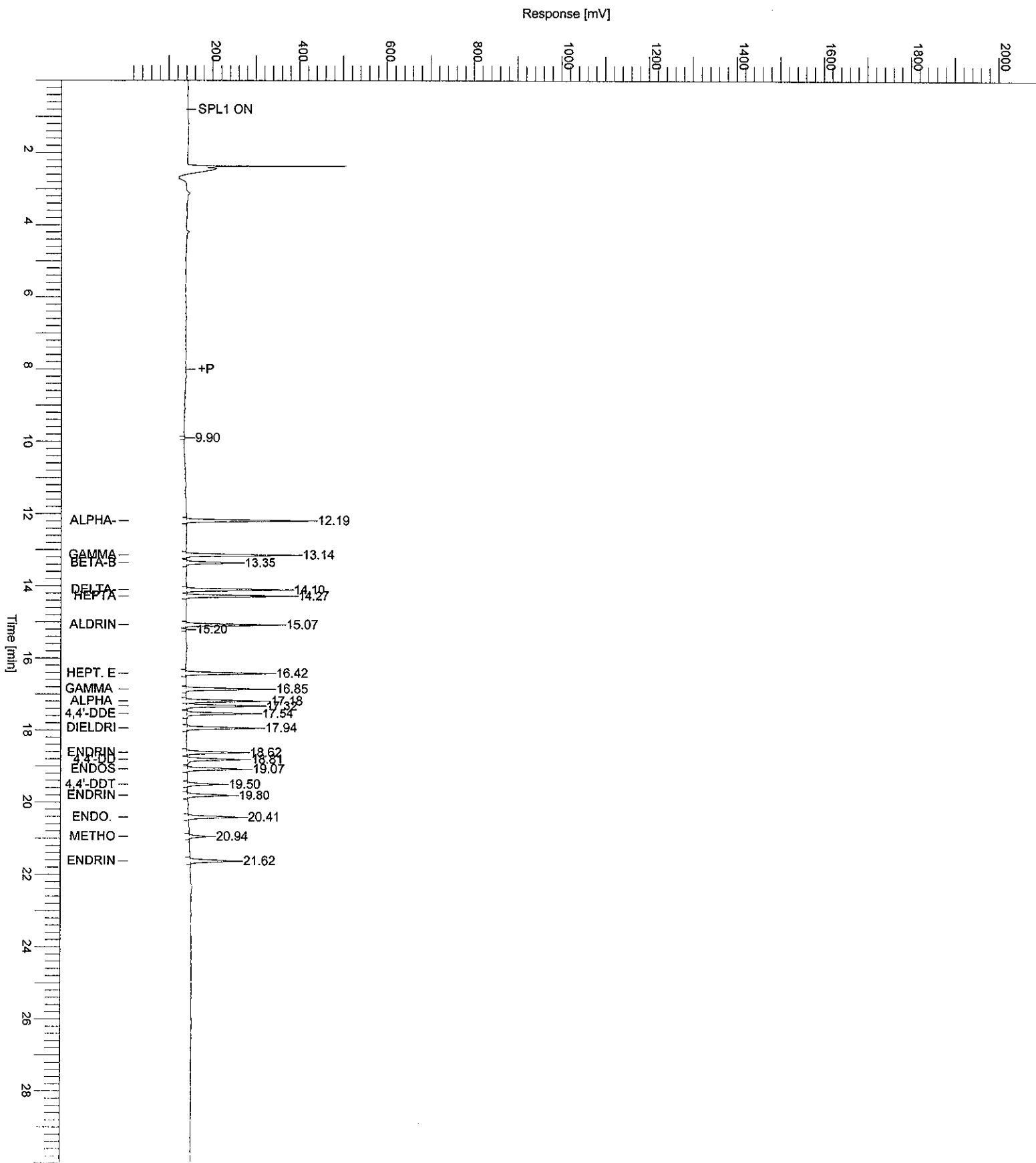
HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.90	7328		B	0.00733	2727.19
2	12.19	870020	alpha-BHC	B	0.00500	278862.35
3	13.14	782210	gamma-BHC	B	0.00500	244251.19
4	13.35	368746	beta-BHC	B	0.00500	110819.91
5	14.10	726976	delta-BHC	B	0.00500	224056.31
6	14.27	754197	Heptachlor	B	0.00500	233815.91
7	15.07	686950	Aldrin	B	0.00500	207874.73
9	16.42	634288	Hept. epoxide	B	0.00500	185095.11
10	16.85	615690	gamma chlordane	B	0.00500	183771.98
11	17.18	592725	alpha chlordane	B	0.00500	171377.05
12	17.32	585039	Endosulfan I	V	0.00500	160615.65
13	17.54	506155	4,4'-DDE	V	0.00500	150125.63
14	17.94	550937	Dieldrin	B	0.00500	156638.26
15	18.62	445883	Endrin	B	0.00500	122017.41
16	18.81	444528	4,4'-DDD	V	0.00500	124025.31
17	19.07	466559	Endosulfan II	B	0.00500	127216.87

06/21/2008 07:45:54 Result: H:\TURBO6\6890-06\6b13147.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	19.50	241238	4,4'-DDT	B	0.00500	71435.98
19	19.80	357666	Endrin aldehyde	B	0.00500	95336.01
20	20.41	417463	Endo. Sulfate	B	0.00500	114151.12
21	20.94	135674	Methoxychlor	B	0.00500	39009.91
22	21.62	410679	Endrin ketone	B	0.00500	99065.58
		10600953			0.10733	3.10e+06

Sample Name : ICM25WR DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b13147.raw
Date : 06/21/2008 07:45:55
Method : 6890-6ins Time of Injection: 06/20/2008 15:37:00
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



```

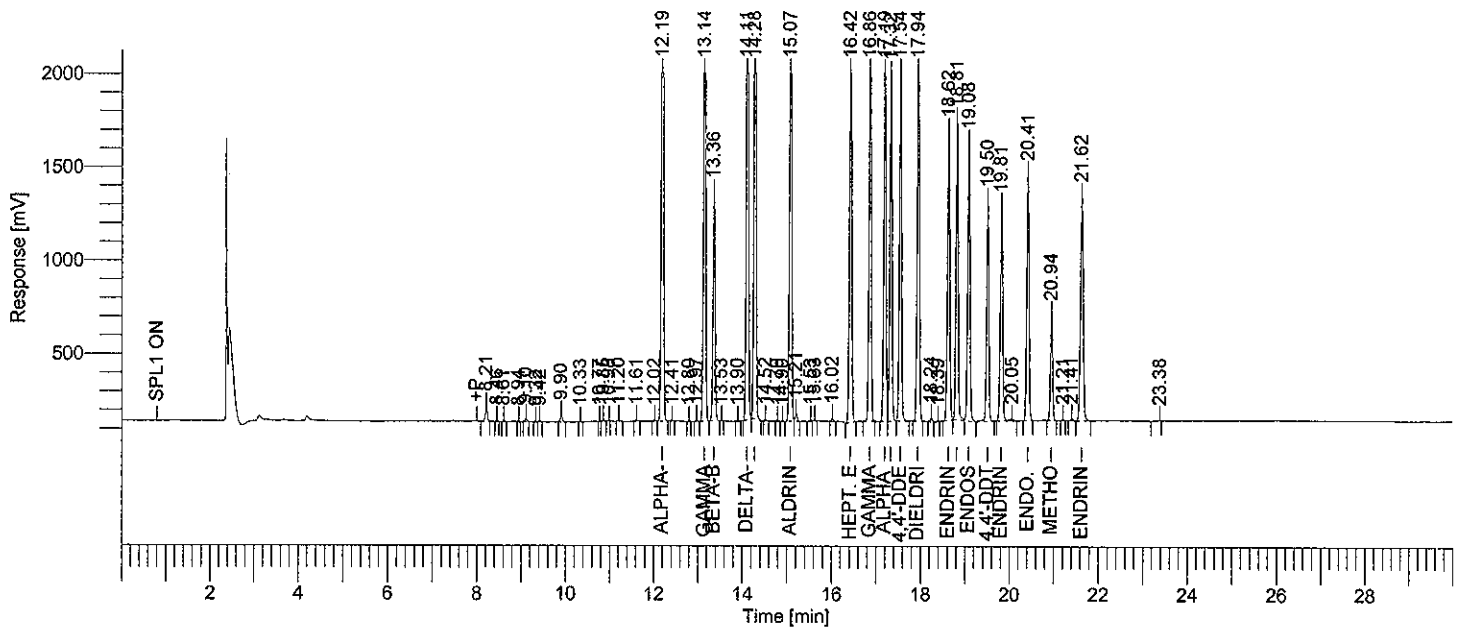
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74602
Operator          : tchrom
Sample Number     : 0.05
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 06/20/2008 16:10:50

Date              : 06/21/2008 08:00:25
Sample Name      : ACM25VA
Study           : ALT
Rack/Vial       : 1/48
Channel         : B
A/D mV Range    : 1000
End Time        : 29.97 min

Area Reject     : 3000.000000
Dilution Factor : 1.00
Cycle           : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b13148.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b13148.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13148.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13148.rst
Calib Method  : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b13148.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
12.19	VB	10895286	alpha-BHC	0.05336	3.54e+06	6.7	12.14 - 12.24
13.14	BB	9450074	gamma-BHC	0.05336	2.97e+06	6.7	13.09 - 13.19
13.36	BV	3924770	beta-BHC	0.05487	1.21e+06	9.7	13.31 - 13.41
14.11	BB	9078803	delta-BHC	0.05297	2.84e+06	5.9	14.06 - 14.16
14.28	BB	8919920	Heptachlor	0.05298	2.77e+06	6.0	14.23 - 14.33
15.07	VV	8353790	Aldrin	0.05362	2.56e+06	7.2	15.02 - 15.12
16.42	BB	7293437	Hept. epoxide	0.05401	2.16e+06	8.0	16.37 - 16.47
16.86	BB	7043247	gamma chlordane	0.05189	2.12e+06	3.8	16.81 - 16.91
17.19	BV	6755466	alpha chlordane	0.05341	2.00e+06	6.8	17.14 - 17.24
17.32	VB	6371106	Endosulfan I	0.05366	1.85e+06	7.3	17.27 - 17.37
17.54	BB	6448380	4,4'-DDE	0.05333	1.99e+06	6.7	17.49 - 17.59
17.94	BB	6757799	Dieldrin	0.05286	1.98e+06	5.7	17.89 - 17.99
18.62	BB	5477322	Endrin	0.05171	1.54e+06	3.4	18.57 - 18.67
18.81	BV	5390435	4,4'-DDD	0.05352	1.59e+06	7.0	18.76 - 18.86
19.08	VB	5413576	Endosulfan II	0.05389	1.48e+06	7.8	19.03 - 19.13
19.50	BB	4016916	4,4'-DDT	0.05039	1.17e+06	0.8	19.45 - 19.55

06/21/2008 08:00:25 Result: H:\TURBO6\6890-06\6b13148.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window -	Relative
19.81	BE	4168770	Endrin aldehyde	0.05599	1.14e+06	12.0	19.76 -	19.86
20.41	BB	4716517	Endo. Sulfate	0.05219	1.31e+06	4.4	20.36 -	20.46
20.94	BB	1902733	Methoxychlor	0.04982	558909.88	-0.4	20.89 -	20.99
21.62	BB	4957429	Endrin ketone	0.05262	1.20e+06	5.2	21.57 -	21.67
		1e+08		1.06044	3.80e+07			

Missing Component Report

Component Expected Retention (Calibration File)

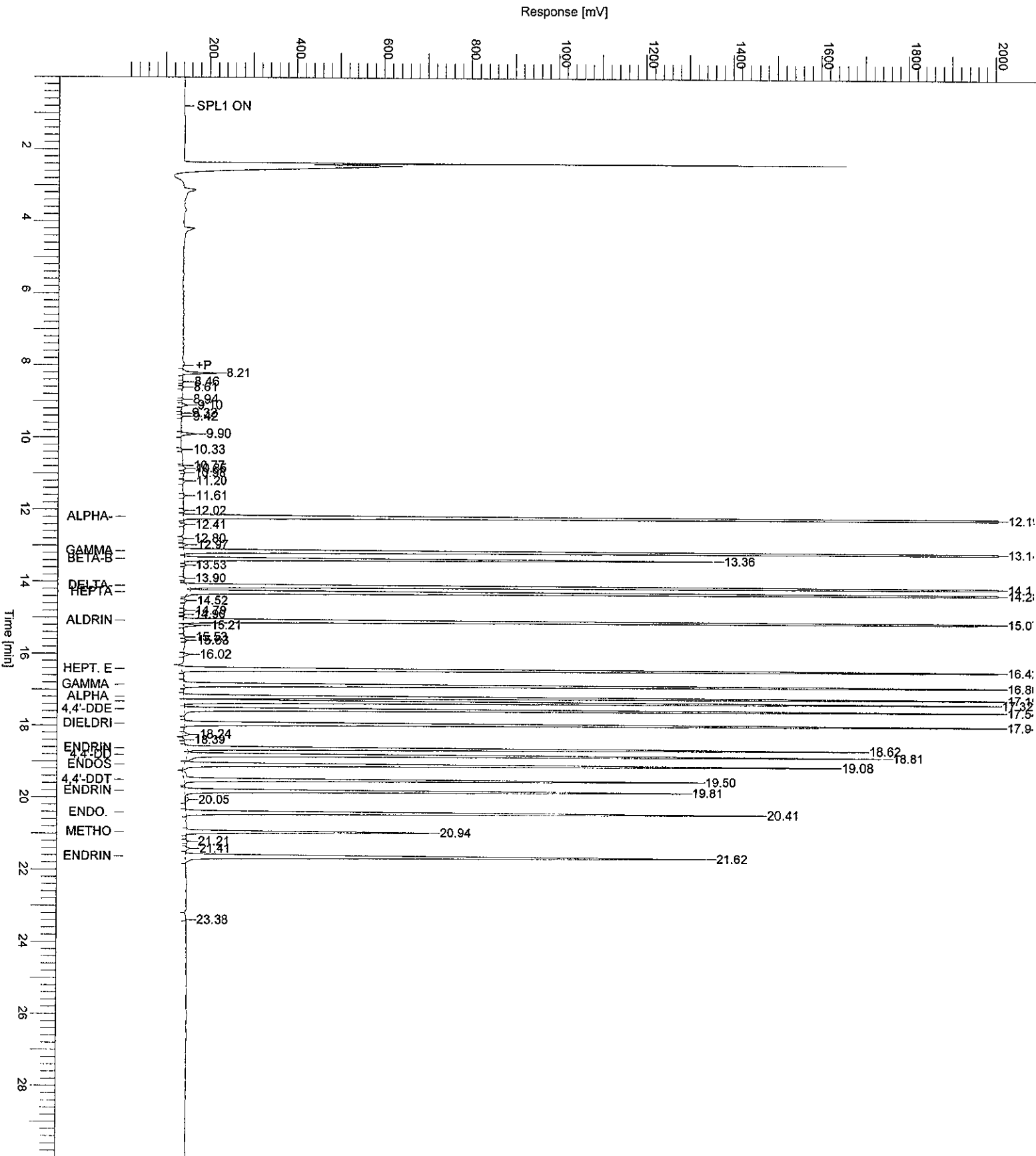
All components were found

Sample Name : ACM25VA
FileName : H:\TURBO6\6890-06\6b13148.raw
Date : 06/21/2008 08:00:26
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: 0.05

Page 1 of 1

Time of Injection: 06/20/2008 16:10:50
End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Scale: 2000.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6ASURR-(06-20-08).mth
 Printed by : NearyM on: 06/21/2008 08:26:53
 Created by : NearyM on: 06/21/2008 08:14:04
 Edited by : NearyM on: 06/21/2008 08:26:42
 Number of Times Edited : 2
 Number of Times Calibrated : 2446
 Description: PEST CURVE 4-18-08

Processed by: MM 6 21 08
 Reviewed by: DJB 6 30 08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

Tetrachloro-m-xylene
 Component Type : Single Peak Component
 Retention Time : 8.984 min
 Search Window : 7.00 s, 0.50 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level	Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A		0.0050	656170.60	219531.82	-----	-----	1
B		0.0100	1280161.50	426093.43	-----	-----	1
C		0.0500	6329496.40	2.15e+06	-----	-----	1
D		0.0750	9581625.20	3.26e+06	-----	-----	1
E		0.1000	13286138.20	4.55e+06	-----	-----	1

Calibration Curve : $y = (-88031.719019) + (131557293.729569)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998949

Decachlorobiphenyl

Component Type : Single Peak Component
 Retention Time : 21.736 min
 Search Window : 7.00 s, 0.50 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 08:26:53 Method: H:\TURBO6\6890-06\6ASURR-(06-20-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	552367.40	146300.04	-----	-----	1
B	0.0100	1086697.50	280197.35	-----	-----	1
C	0.0500	5118839.20	1.35e+06	-----	-----	1
D	0.0750	7736200.30	2.05e+06	-----	-----	1
E	0.1000	10552230.40	2.82e+06	-----	-----	1

Calibration Curve : $y = (-3165.235661) + (104425670.742941)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.999532

```

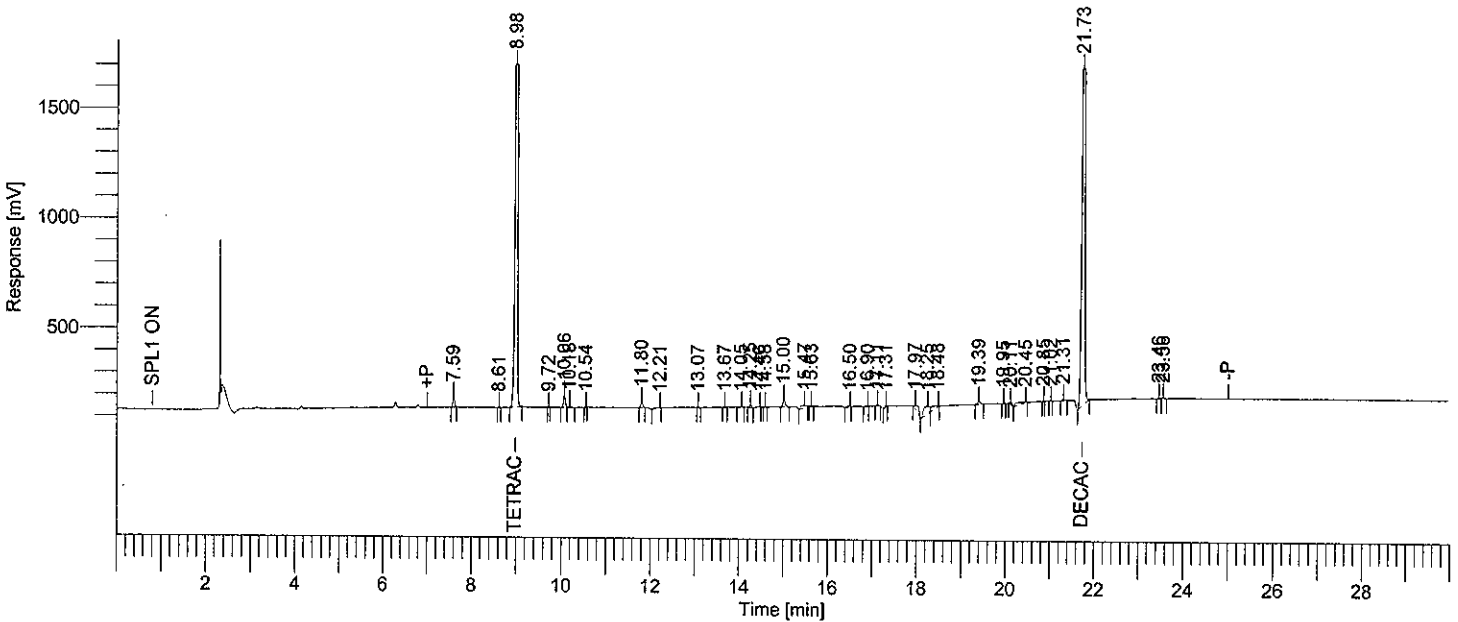
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74603
Operator          : tchrom
Sample Number     : 0.10
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 06/20/2008 16:44:36

Date              : 06/21/2008 08:23:22
Sample Name      : ICM3PJ
Study            : ICAL
Rack/Vial        : 1/49
Channel          : A
A/D mV Range     : 1000
End Time         : 29.94 min

Area Reject      : 6000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a13149.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a13149.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13149.raw
Proc Method   : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13149.rst
Calib Method  : h:\turbo6\6890-06\6asurr-(06-20-08).mth from H:\TURBO6\6890-06\6a13149.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



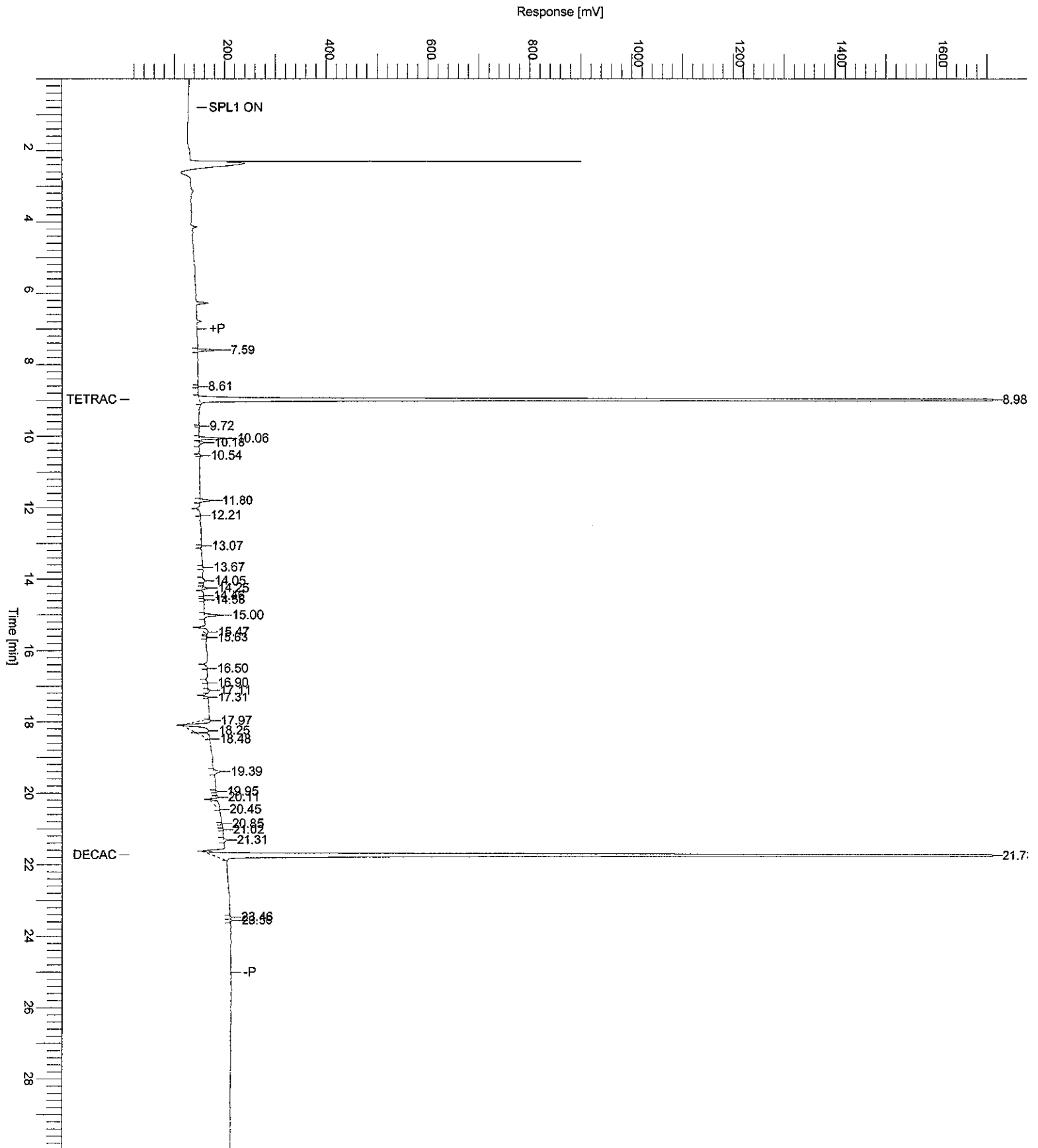
HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.59	124280		B	0.12428	47112.86
3	8.98	13286138	Tetrachloro-m-xylene	B	0.10000	4.55e+06
5	10.06	171324		B	0.17132	56187.40
6	10.18	38586		V	0.03859	10834.11
8	11.80	79318		B	0.07932	25326.55
9	12.21	22506		B	0.02251	1026.40
12	14.05	15948		B	0.01595	3146.90
13	14.25	36345		B	0.03634	11682.52
14	14.46	14525		B	0.01452	762.18
16	15.00	120508		B	0.12051	35825.45
17	15.47	90780		B	0.09078	8519.65
18	15.63	6320		B	0.00632	2184.50
19	16.50	17269		B	0.01727	1512.23
20	16.90	7151		B	0.00715	726.00
21	17.11	14122		B	0.01412	4017.90
22	17.31	17620		B	0.01762	4005.82

06/21/2008 08:23:22 Result: H:\TURBO6\6890-06\6a13149.rst

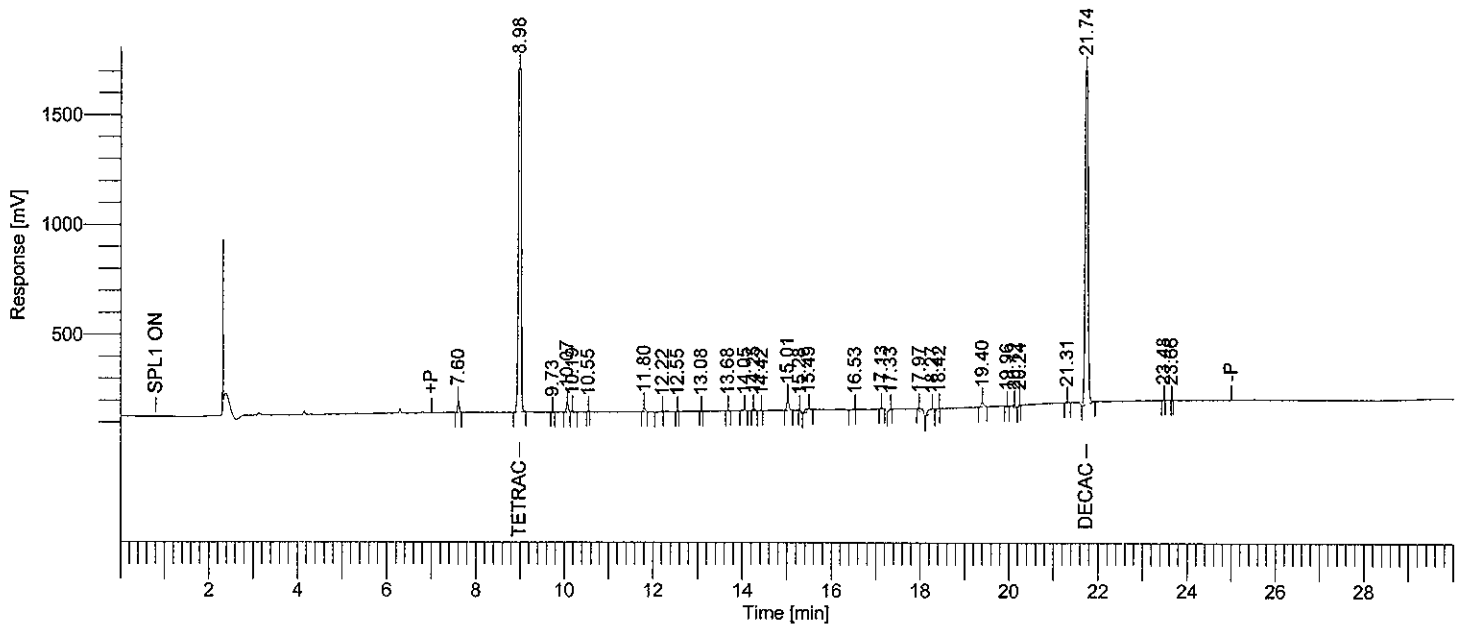
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
23	17.97	185970		B	0.18597	19727.59
24	18.25	351740		B	0.35174	32375.42
25	18.48	141504		V	0.14150	2921.56
26	19.39	58626		B	0.05863	13897.40
27	19.95	7682		B	0.00768	3209.08
28	20.11	36545		B	0.03654	9872.55
29	20.45	139215		B	0.13921	2665.47
32	21.31	26994		B	0.02699	6874.01
33	21.73	10552230	Decachlorobiphenyl	B	0.10000	2.82e+06
34	23.46	11188		B	0.01119	2954.04
35	23.56	14273		V	0.01427	3536.67
		25588705			1.95034	7.68e+06

Sample Name : ICM3PJ Sample #: 0.10 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a13149.raw
Date : 06/21/2008 08:23:24
Method : 6890-6ins Time of Injection: 06/20/2008 16:44:36
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset: 10.00 mV Plot Scale: 1700.0 mV



Software Version : 6.2.1.0.104:0104 Date : 06/21/2008 08:23:30
 Reprocess Number : buf2048: 74605
 Operator : tchrom Sample Name : ICM3PI
 Sample Number : 0.075 Study : ICAL
 Auto Sampler : BUILT-IN Rack/Vial : 1/50
 Instrument Name : HP6890-06 Channel : A
 Instrument Serial # : CN10520010 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 30.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 6000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 06/20/2008 17:18:25 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6a13150.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a13150.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13150.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13150.rst
 Calib Method : h:\turbo6\6890-06\6asurr-(06-20-08).mth from H:\TURBO6\6890-06\6a13150.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-13.seq



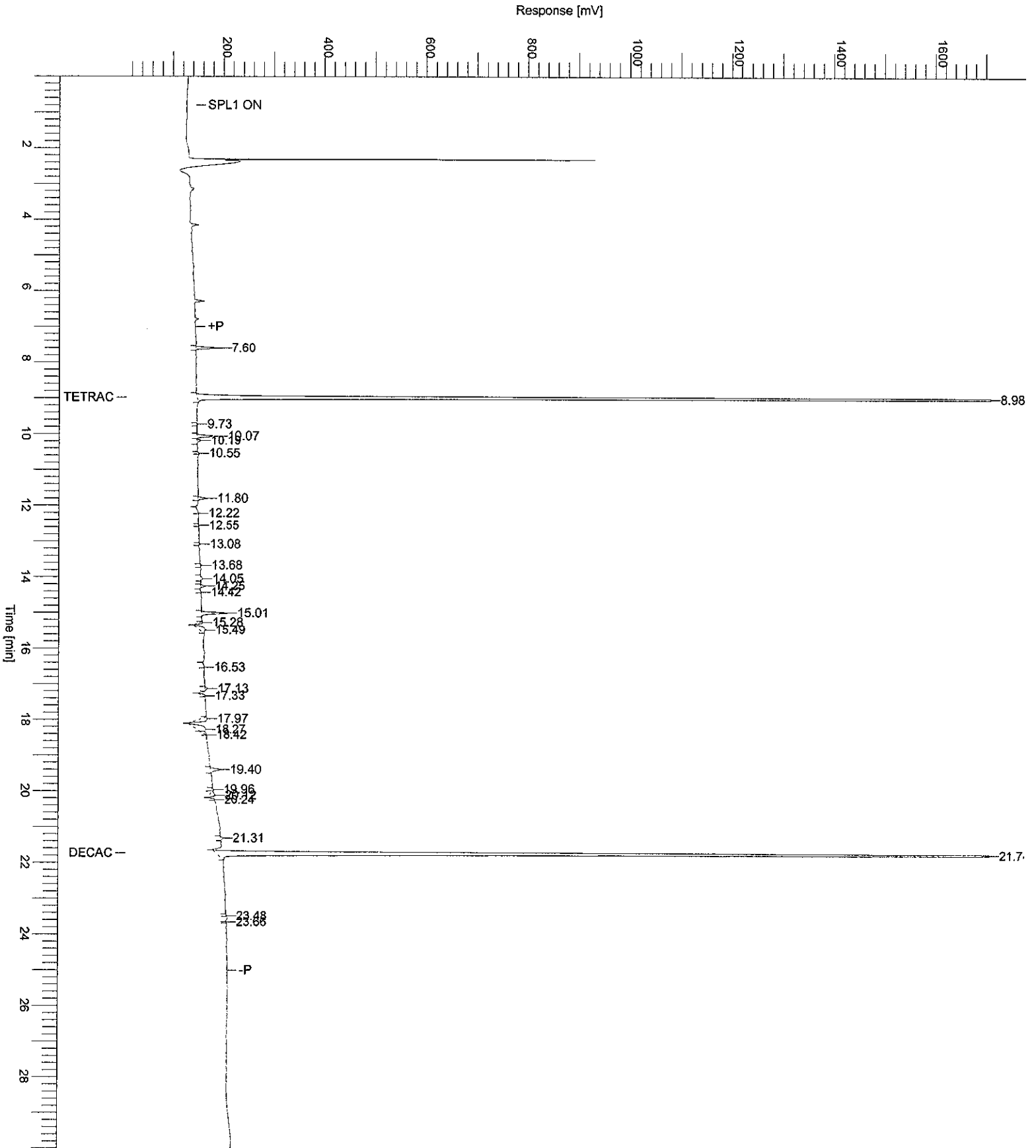
HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.60	137994		B	0.13799	52303.66
2	8.98	9581625	Tetrachloro-m-xylene	B	0.07500	3.26e+06
4	10.07	126391		B	0.12639	41730.17
5	10.19	28386		V	0.02839	7854.63
7	11.80	56611		B	0.05661	18417.21
8	12.22	6787		B	0.00679	514.74
11	13.68	7638		B	0.00764	2505.01
12	14.05	18794		B	0.01879	3820.37
13	14.25	31023		B	0.03102	9709.52
15	15.01	170107		B	0.17011	51502.41
16	15.28	30757		B	0.03076	6689.43
17	15.49	113130		B	0.11313	10492.35
18	16.53	7427		B	0.00743	559.63
19	17.13	18997		B	0.01900	5082.84
20	17.33	25270		B	0.02527	4190.88
21	17.97	136228		B	0.13623	12308.32

06/21/2008 08:23:30 Result: H:\TURBO6\6890-06\6a13150.rst

Peak #	Time [min]	Area [μ V-sec]	Component Name	BL	NG CONCENTRATION	Height [μ V]
22	18.27	199456		B	0.19946	16407.94
23	18.42	29693		V	0.02969	1651.90
24	19.40	81135		B	0.08114	19474.11
25	19.96	16521		B	0.01652	4092.13
26	20.12	67550		V	0.06755	10748.93
27	20.24	14044		B	0.01404	2647.57
28	21.31	19721		B	0.01972	5062.20
29	21.74	7736200	Decachlorobiphenyl	B	0.07500	2.05e+06
		18661486			1.49366	5.60e+06

Sample Name : ICM3PI Sample #: 0.075 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a13150.raw
Date : 06/21/2008 08:23:32 Time of Injection: 06/20/2008 17:18:25
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset: 10.00 mV Plot Scale: 1700.0 mV



```

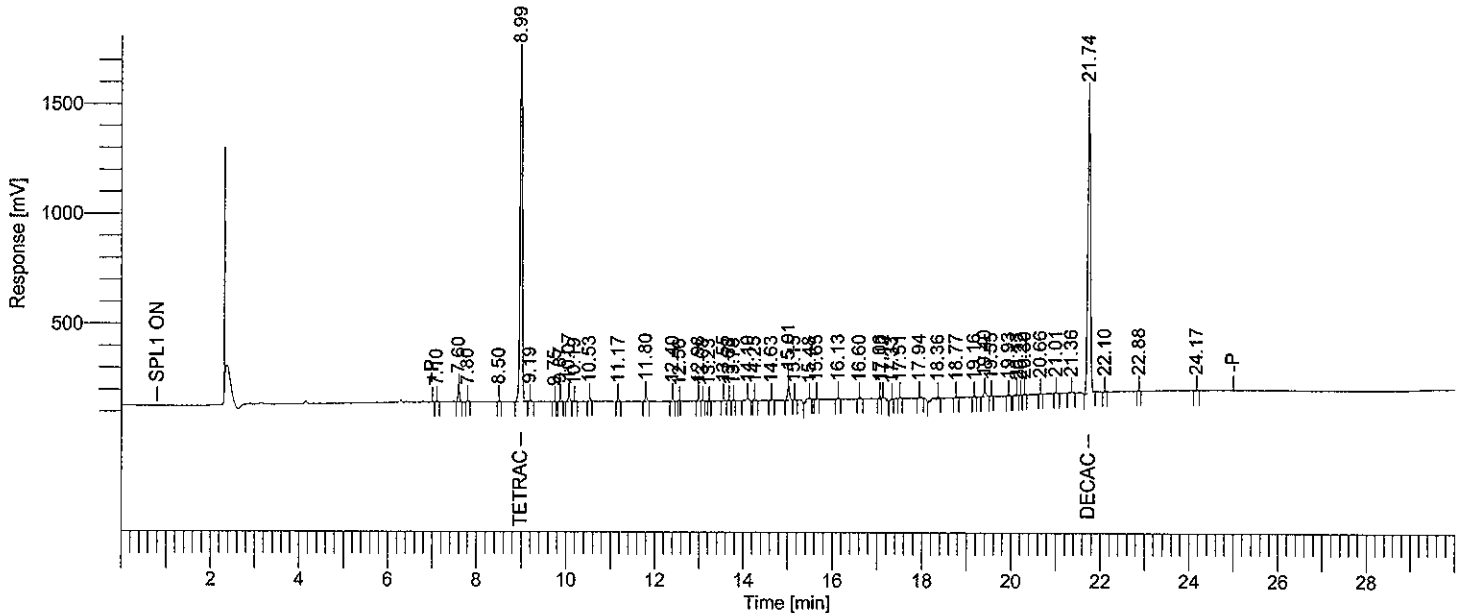
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74607
Operator          : tchrom
Sample Number     : 0.05
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 06/20/2008 17:52:13

Date              : 06/21/2008 08:23:38
Sample Name      : ICM3PK
Study            : ICAL
Rack/Vial        : 1/51
Channel          : A
A/D mV Range    : 1000
End Time        : 30.00 min

Area Reject     : 6000.000000
Dilution Factor : 1.00
Cycle           : 3
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a13151.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a13151.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13151.raw
Proc Method   : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13151.rst
Calib Method  : h:\turbo6\6890-06\6asurr-(06-20-08).mth from H:\TURBO6\6890-06\6a13151.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



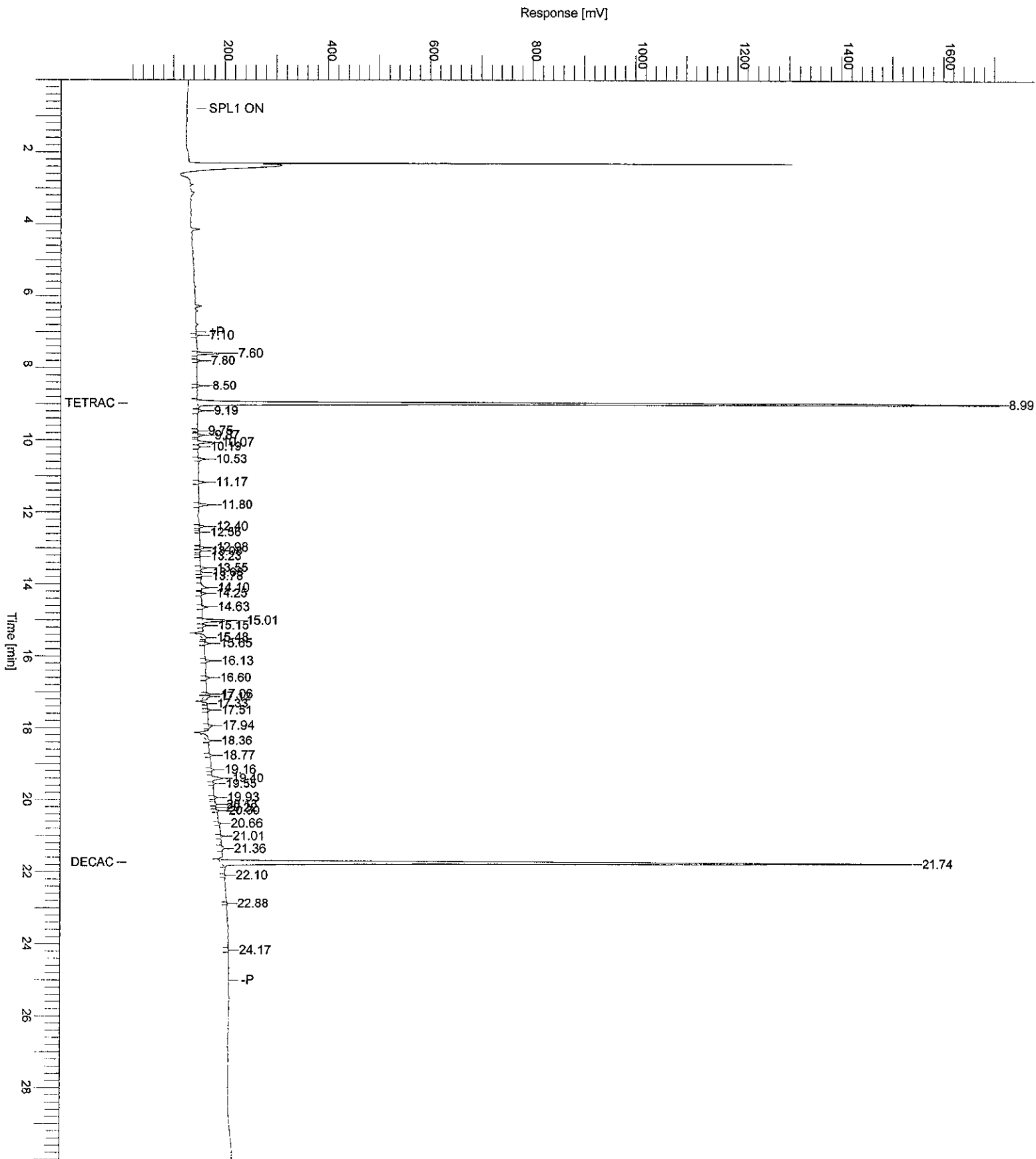
HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.10	13870		B	0.01387	5966.94
2	7.60	159023		B	0.15902	60258.85
3	7.80	16225		B	0.01622	7548.34
4	8.50	22168		B	0.02217	9990.20
5	8.99	6329496	Tetrachloro-m-xylene	B	0.05000	2.15e+06
6	9.19	28225		B	0.02823	11601.73
8	9.87	33371		B	0.03337	13285.82
9	10.07	82814		B	0.08281	27027.99
10	10.19	13737		V	0.01374	4475.83
11	10.53	34389		B	0.03439	14034.52
12	11.17	33574		B	0.03357	13756.26
13	11.80	70264		B	0.07026	24539.73
14	12.40	32605		B	0.03260	13251.89
16	12.98	32296		B	0.03230	12551.89
17	13.08	7092		V	0.00709	2557.15
19	13.55	33168		B	0.03317	12544.76

06/21/2008 08:23:38 Result: H:\TURBO6\6890-06\6a13151.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
20	13.68	10162		V	0.01016	2969.05
22	14.10	45867		B	0.04587	11994.54
23	14.25	30175		B	0.03018	9837.73
24	14.63	26018		B	0.02602	10409.40
25	15.01	220448		B	0.22045	66070.72
26	15.15	27855		V	0.02786	10453.03
27	15.48	83912		B	0.08391	8608.67
28	15.65	28467		B	0.02847	10540.11
29	16.13	30490		B	0.03049	11511.37
30	16.60	22895		B	0.02290	8675.71
31	17.06	33249		B	0.03325	10928.33
32	17.12	81981		V	0.08198	11787.57
33	17.33	19940		B	0.01994	4041.10
34	17.51	19285		B	0.01929	7776.91
35	17.94	29134		B	0.02913	8038.86
36	18.36	105973		B	0.10597	8946.70
37	18.77	18333		B	0.01833	6779.25
38	19.16	15256		B	0.01526	5922.17
39	19.40	84139		B	0.08414	19809.04
40	19.55	11959		B	0.01196	5222.28
41	19.93	17948		B	0.01795	6007.65
42	20.13	11452		B	0.01145	2662.68
44	20.30	12220		B	0.01222	4485.42
45	20.66	9753		B	0.00975	3857.92
46	21.01	13247		B	0.01325	4353.17
47	21.36	23282		B	0.02328	4252.11
48	21.74	5118839	Decachlorobiphenyl	B	0.05000	1.35e+06
49	22.10	6278		B	0.00628	2001.76
		13100880			1.75254	4.00e+06

Sample Name : ICM3PK
File Name : H:\TURBO6\6890-06\6a13151.raw
Date : 06/21/2008 08:23:40
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample #: 0.05
Page 1 of 1
Time of Injection: 06/20/2008 17:52:13
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1710.00 mV
Plot Scale: 1700.0 mV



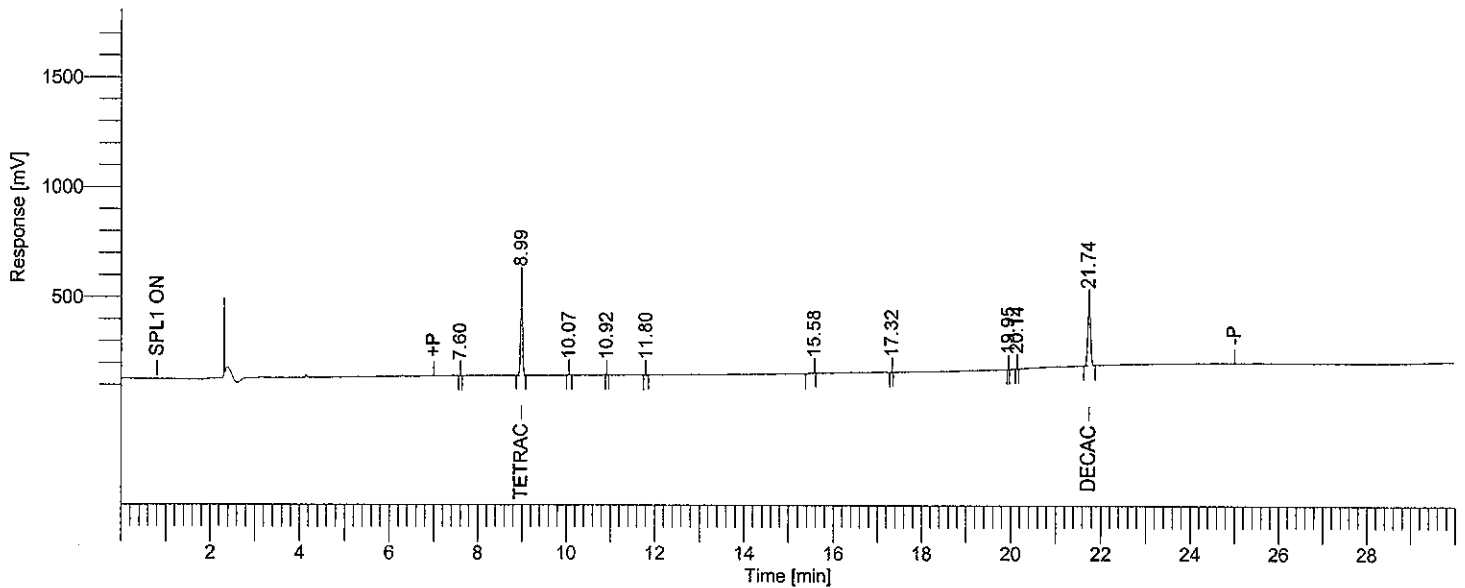
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74609
Operator          : tchrom
Sample Number     : 0.01
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : CN10520010
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 06/20/2008 18:26:03

Date              : 06/21/2008 08:23:46
Sample Name      : ICM3PJ DF10
Study            : ICAL
Rack/Vial       : 1/52
Channel         : A
A/D mV Range    : 1000
End Time       : 29.96 min
Area Reject     : 6000.000000
Dilution Factor : 1.00
Cycle           : 4
    
```

```

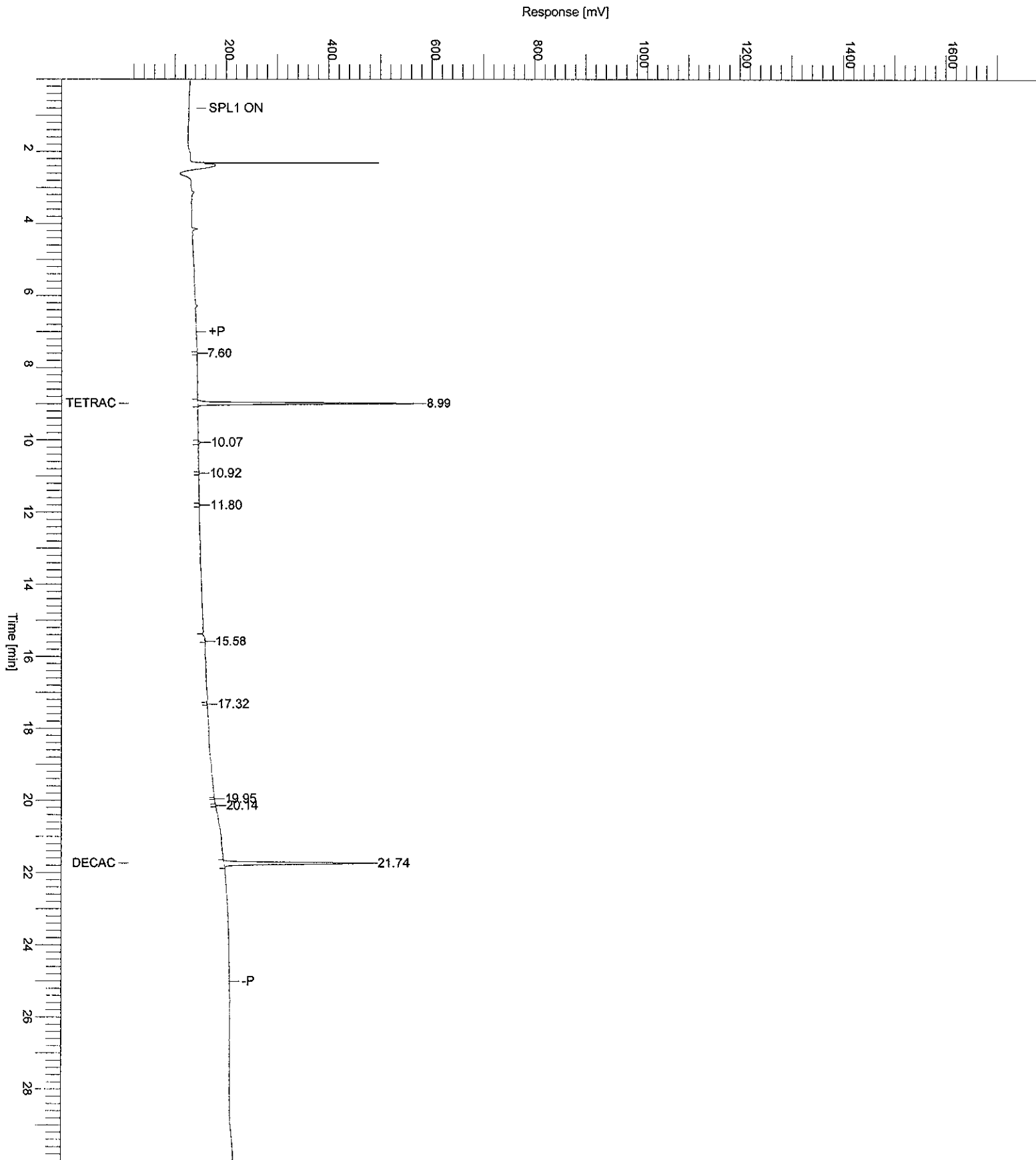
Raw Data File : H:\TURBO6\6890-06\6a13152.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a13152.rst
Inst Method  : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13152.raw
Proc Method  : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13152.rst
Calib Method : h:\turbo6\6890-06\6asurr-(06-20-08).mth from H:\TURBO6\6890-06\6a13152.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	8.99	1280161	Tetrachloro-m-xylene	B	0.01000	426093.43
3	10.07	15191		B	0.01519	5409.66
5	11.80	6903		B	0.00690	2271.87
6	15.58	19894		B	0.01989	1003.14
10	21.74	1086697	Decachlorobiphenyl	B	0.01000	280197.35
		2408847			0.06199	714975.44

Sample Name : ICM3PJ DF10
File Name : H:\TURBO6\6890-06\6a13152.raw
Date : 06/21/2008 08:23:47
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample #: 0.01
Page 1 of 1
Time of Injection: 06/20/2008 18:26:03
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1710.00 mV
Plot Scale: 1700.0 mV



```

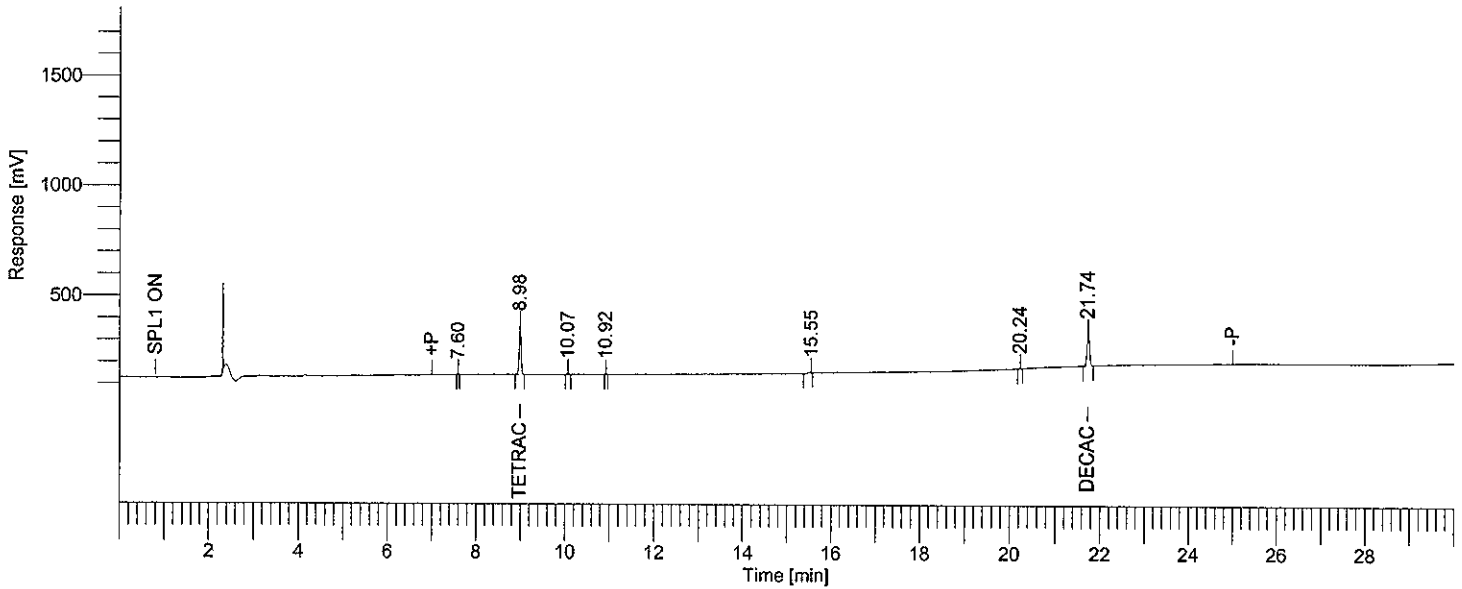
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74611
Operator          : tchrom
Sample Number     : 0.005
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 06/20/2008 18:59:49

Date              : 06/21/2008 08:23:53
Sample Name      : ICM3PK DF10
Study           : ICAL
Rack/Vial       : 1/53
Channel         : A
A/D mV Range    : 1000
End Time        : 30.00 min

Area Reject     : 6000.000000
Dilution Factor : 1.00
Cycle           : 5
    
```

```

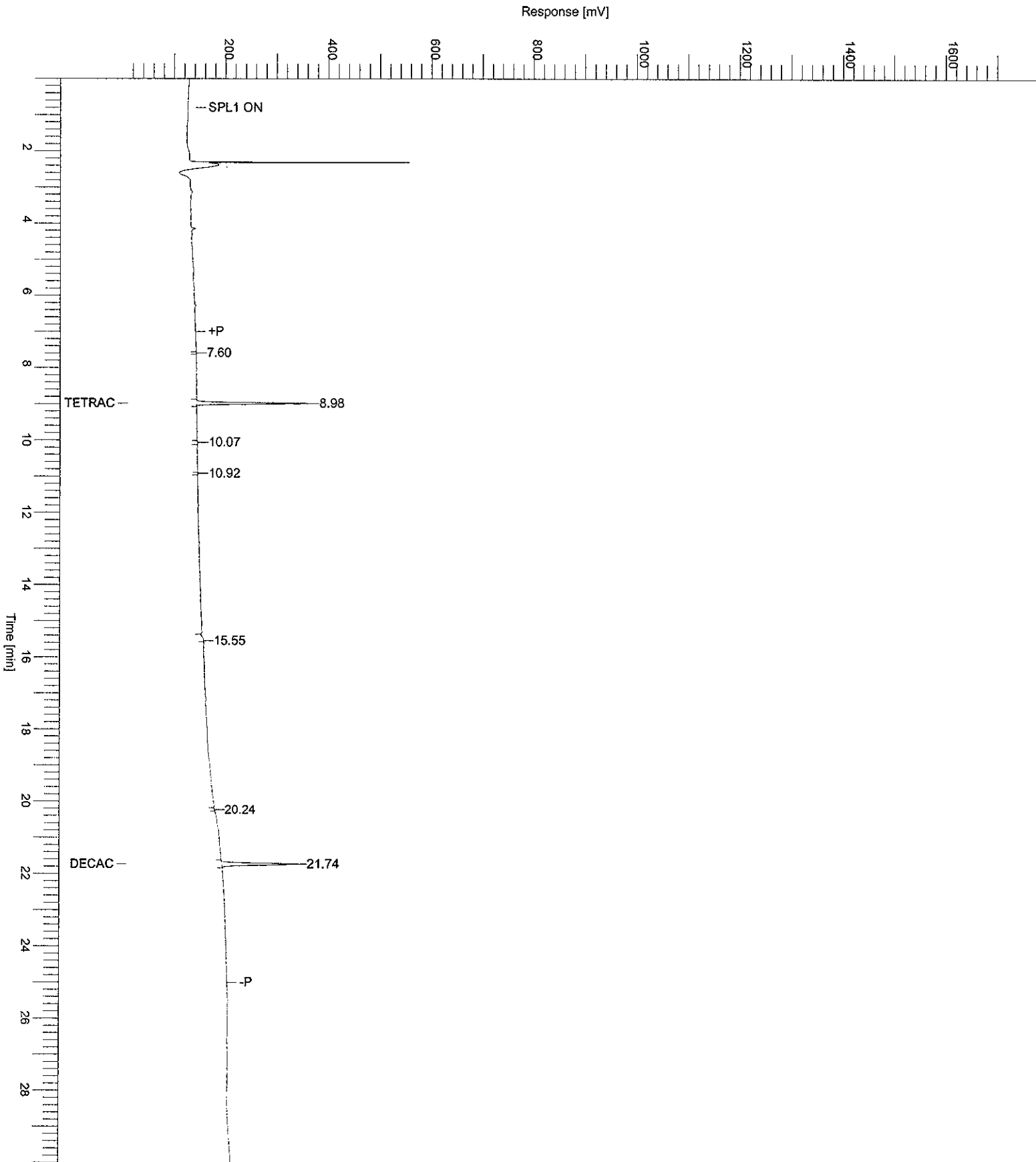
Raw Data File : H:\TURBO6\6890-06\6a13153.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a13153.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a13153.raw
Proc Method   : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a13153.rst
Calib Method  : h:\turbo6\6890-06\6asurr-(06-20-08).mth from H:\TURBO6\6890-06\6a13153.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	8.98	656171	Tetrachloro-m-xylene	B	0.00500	219531.82
3	10.07	7956		B	0.00796	2713.64
5	15.55	13068		B	0.01307	750.84
7	21.74	552367	Decachlorobiphenyl	B	0.00500	146300.04
		1229562			0.03102	369296.35

Sample Name : ICM3PK DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a13153.raw
Date : 06/21/2008 08:23:54 Time of Injection: 06/20/2008 18:59:49
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset: 10.00 mV Plot Scale: 1700.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6BSURR-(06-20-08).mth
 Printed by : NearyM on: 06/21/2008 08:27:42
 Created by : NearyM on: 06/21/2008 08:15:44
 Edited by : NearyM on: 06/21/2008 08:27:38
 Number of Times Edited : 2
 Number of Times Calibrated : 2473
 Description: PEST CURVE 4-18-08

Processed by: MM 6 21 10
 Reviewed by: LSB 6 13 08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

Tetrachloro-m-xylene
 Component Type : Single Peak Component
 Retention Time : 10.443 min
 Search Window : 7.00 s, 0.50 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	640223.50	204636.10	-----	-----	1
B	0.0100	1250636.60	395828.56	-----	-----	1
C	0.0500	6219588.13	2.02e+06	-----	-----	1
D	0.0750	9438033.00	3.09e+06	-----	-----	1
E	0.1000	13085711.30	4.30e+06	-----	-----	1

Calibration Curve : $y = (-97251.267469) + (129668536.932050)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998931

Decachlorobiphenyl

Component Type : Single Peak Component
 Retention Time : 25.000 min
 Search Window : 7.00 s, 0.50 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

06/21/2008 08:27:42 Method: H:\TURBO6\6890-06\6BSURR-(06-20-08).mth

User Values

Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	532985.20	96900.00	-----	-----	1
B	0.0100	1042280.00	187759.19	-----	-----	1
C	0.0500	4851649.90	874927.88	-----	-----	1
D	0.0750	7191650.60	1.31e+06	-----	-----	1
E	0.1000	9869810.00	1.82e+06	-----	-----	1

Calibration Curve : $y = (29029.797474) + (97263444.635958)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.999464


```

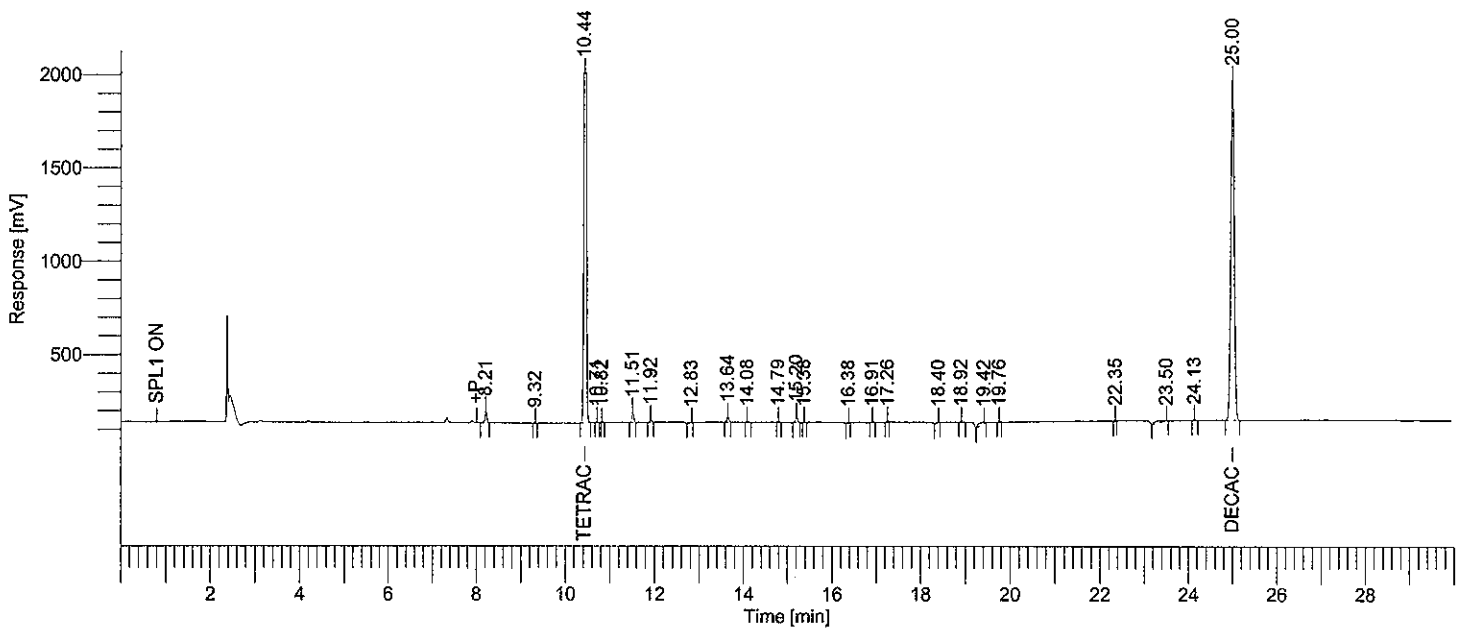
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 74604
Operator : tchrom
Sample Number : 0.10
AutoSampler : BUILT-IN
Instrument Name : HP6890-06
Instrument Serial # : CN10520010
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 06/20/2008 16:44:36

Date : 06/21/2008 08:23:27
Sample Name : ICM3PJ
Study : ICAL
Rack/Vial : 1/49
Channel : B
A/D mV Range : 1000
End Time : 29.94 min

Area Reject : 6000.000000
Dilution Factor : 1.00
Cycle : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b13149.raw <Modified>
Result File : H:\TURBO6\6890-06\6b13149.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13149.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13149.rst
Calib Method : h:\turbo6\6890-06\6bsurr-(06-20-08).mth from H:\TURBO6\6890-06\6b13149.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



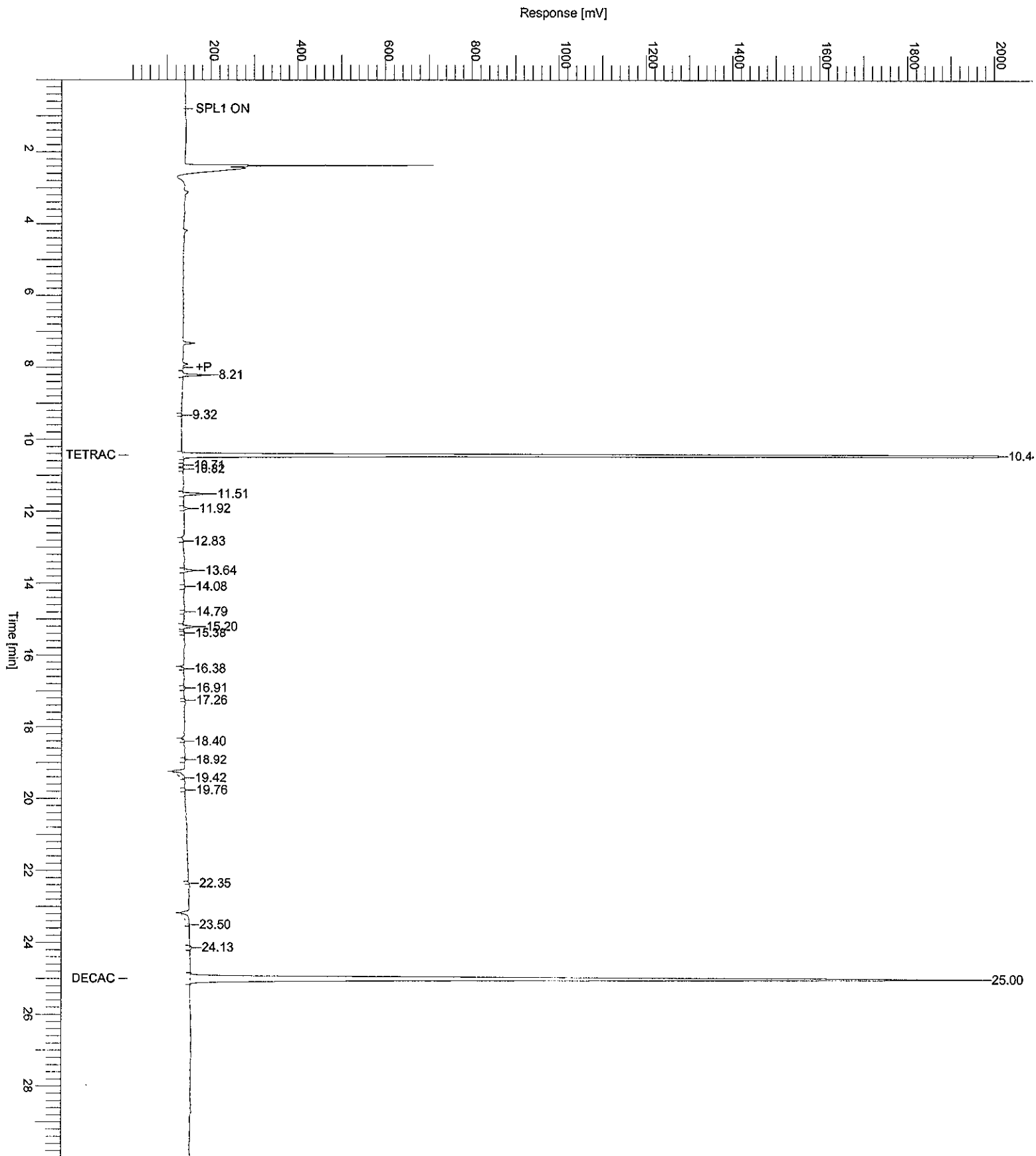
HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.21	164911		B	0.16491	59321.94
3	10.44	13085711	Tetrachloro-m-xylene	B	0.10000	4.30e+06
6	11.51	171144		B	0.17114	54173.76
7	11.92	36769		B	0.03677	11555.99
8	12.83	7510		B	0.00751	870.08
9	13.64	81066		B	0.08107	25122.42
10	14.08	10844		B	0.01084	2724.24
11	14.79	10642		B	0.01064	3897.87
12	15.20	95183		B	0.09518	29674.46
13	15.38	8632		B	0.00863	2902.57
14	16.38	16238		B	0.01624	3153.41
15	16.91	15043		B	0.01504	4113.04
16	17.26	6579		B	0.00658	2254.75
17	18.40	16761		B	0.01676	2139.73
18	18.92	12807		B	0.01281	3248.47
19	19.42	123405		B	0.12341	5778.45

06/21/2008 08:23:27 Result: H:\TURBO6\6890-06\6b13149.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [μ V]
20	19.76	7676		B	0.00768	2409.91
22	23.50	152046		B	0.15205	2218.42
23	24.13	18005		B	0.01801	4232.93
24	25.00	9869810	Decachlorobiphenyl	B	0.10000	1.82e+06
		23910782			1.15526	6.34e+06

Sample Name : ICM3PJ Sample #: 0.10 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b13149.raw
Date : 06/21/2008 08:23:28 Time of Injection: 06/20/2008 16:44:36
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



```

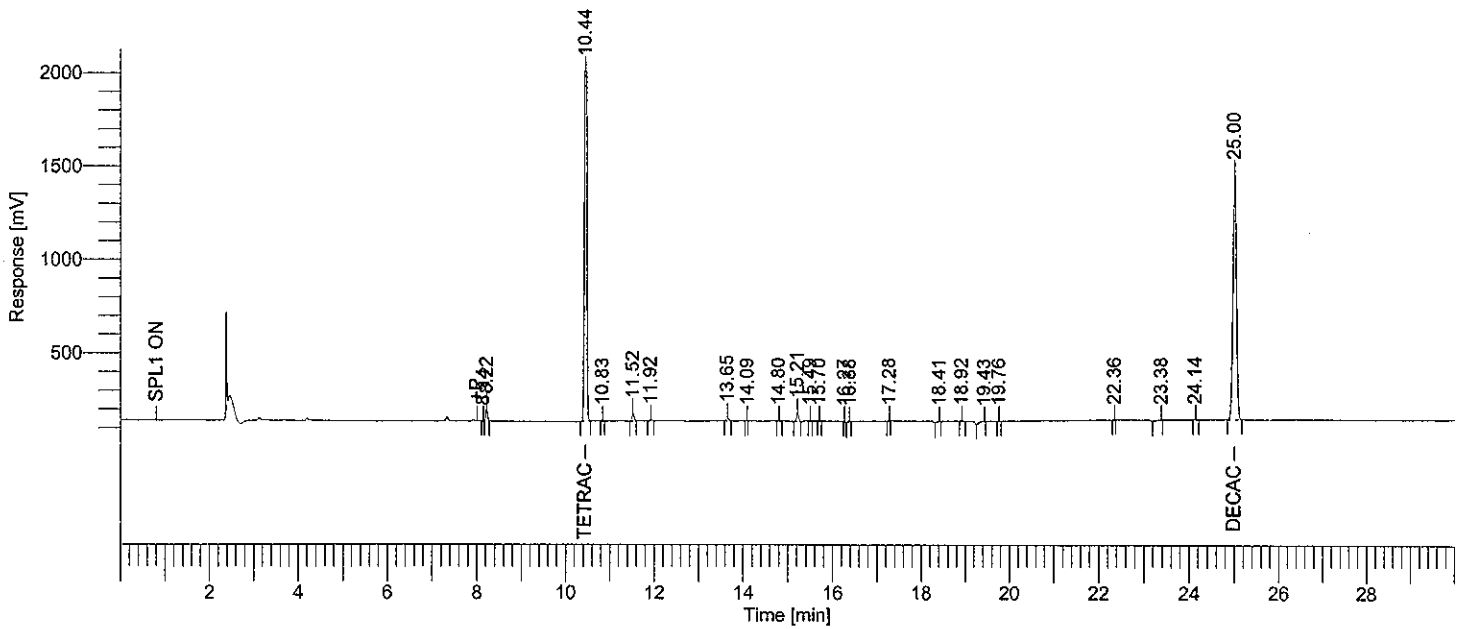
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74606
Operator          : tchrom
Sample Number     : 0.075
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 06/20/2008 17:18:25

Date              : 06/21/2008 08:23:34
Sample Name       : ICM3PI
Study            : ICAL
Rack/Vial        : 1/50
Channel          : B
A/D mV Range     : 1000
End Time         : 30.00 min

Area Reject      : 6000.000000
Dilution Factor  : 1.00
Cycle            : 2
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b13150.raw <Modified>
Result File : H:\TURBO6\6890-06\6b13150.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13150.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13150.rst
Calib Method : h:\turbo6\6890-06\6bsurr-(06-20-08).mth from H:\TURBO6\6890-06\6b13150.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



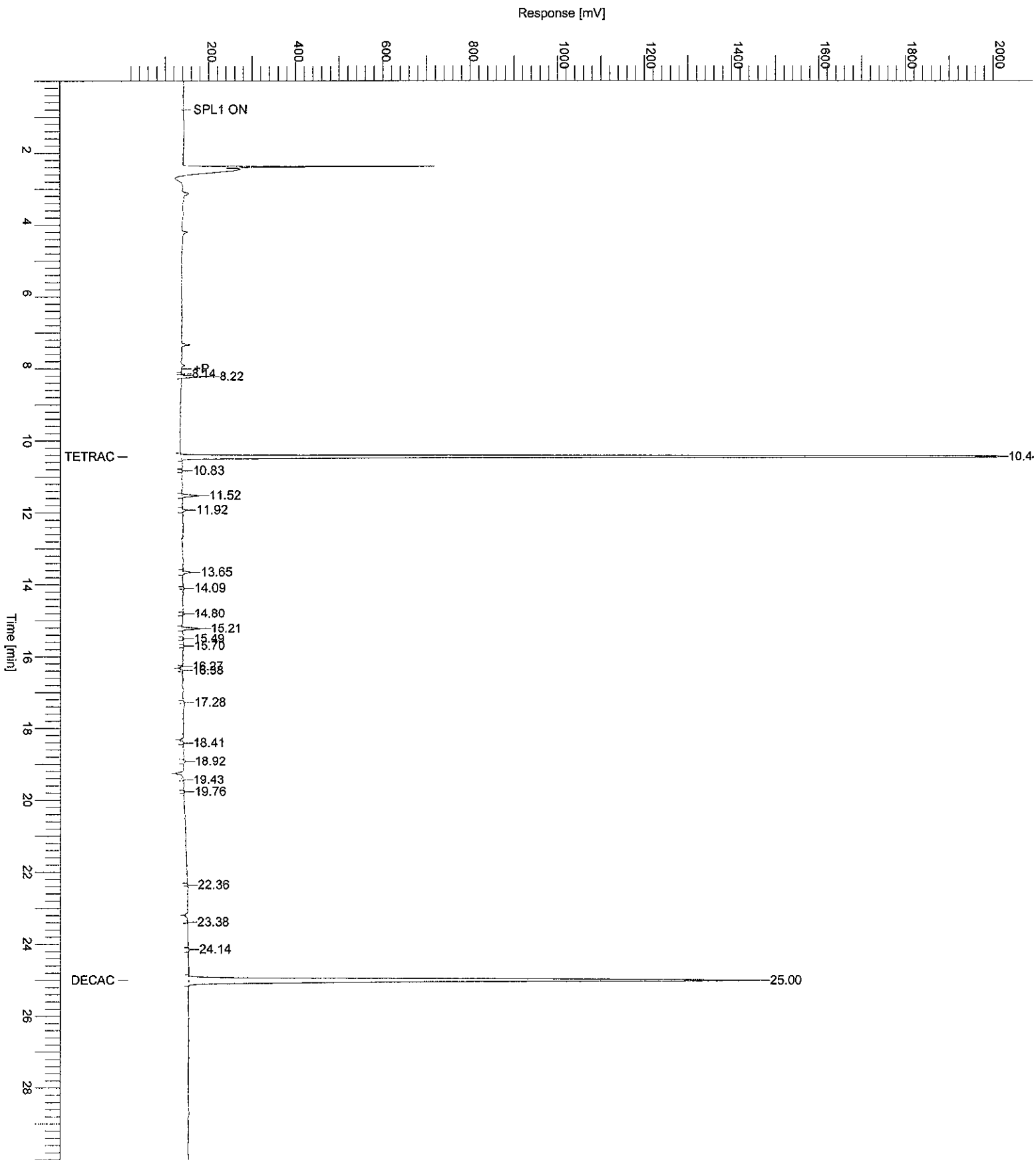
HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	8.22	178820		V	0.17882	65460.86
3	10.44	9438033	Tetrachloro-m-xylene	B	0.07500	3.09e+06
4	10.83	6425		B	0.00642	2385.62
5	11.52	126390		B	0.12639	40012.65
6	11.92	28562		B	0.02856	8782.56
7	13.65	60428		B	0.06043	18361.38
9	14.80	10314		B	0.01031	3631.53
10	15.21	136231		B	0.13623	43592.70
11	15.49	6843		B	0.00684	2628.63
12	15.70	6046		B	0.00605	2154.10
13	16.27	11114		B	0.01111	4474.53
14	16.38	15770		B	0.01577	2896.97
16	18.41	20581		B	0.02058	2588.26
17	18.92	14629		B	0.01463	3920.66

06/21/2008 08:23:34 Result: H:\TURBO6\6890-06\6b13150.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	19.43	63296		B	0.06330	2258.47
21	23.38	23945		B	0.02394	853.40
22	24.14	12014		B	0.01201	2901.53
23	25.00	7191651	Decachlorobiphenyl	B	0.07500	1.31e+06
		17351092			0.87141	4.61e+06

Sample Name : ICM3PI
Sample # : 0.075
Page 1 of 1
FileName : H:\TURBO6\6890-06\6b13150.raw
Date : 06/21/2008 08:23:36
Method : 6890-6ins
Time of Injection: 06/20/2008 17:18:25
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Offset: 10.00 mV
Plot Scale: 2000.0 mV



```

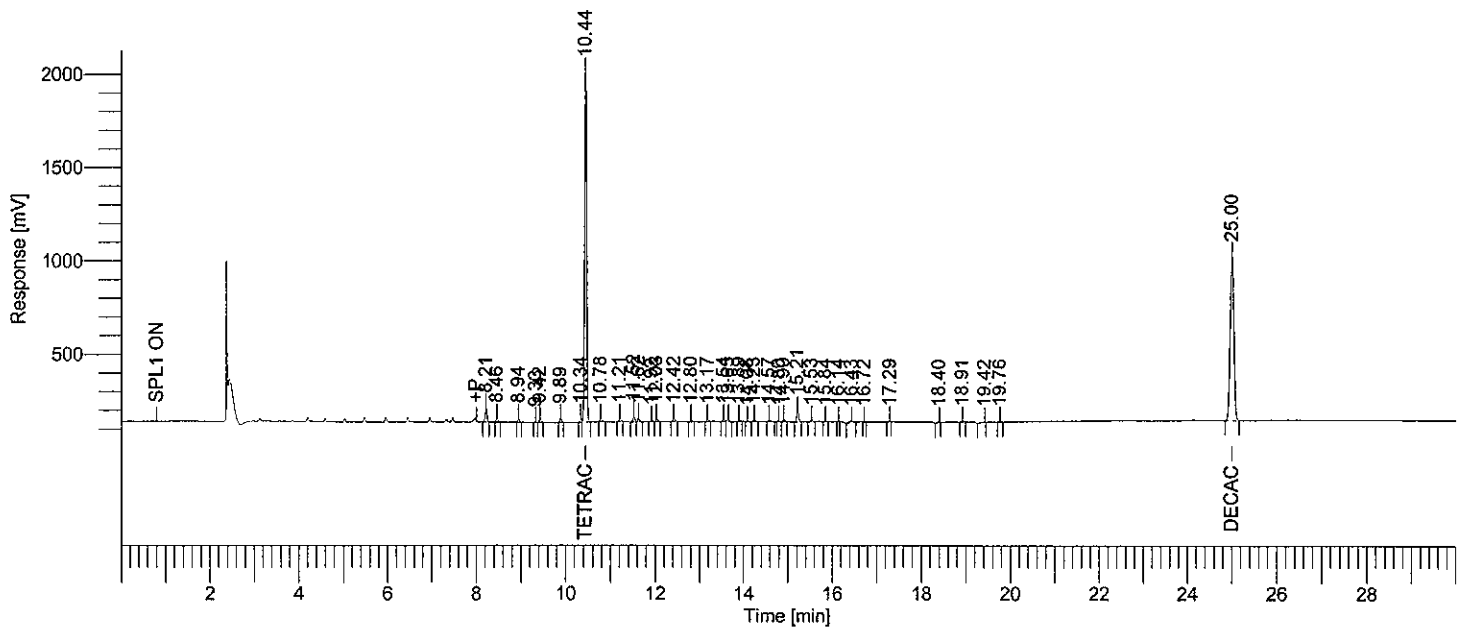
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 74608
Operator          : tchrom
Sample Number     : 0.05
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 06/20/2008 17:52:13

Date              : 06/21/2008 08:23:42
Sample Name      : ICM3PK
Study            : ICAL
Rack/Vial       : 1/51
Channel         : B
A/D mV Range    : 1000
End Time        : 30.00 min

Area Reject     : 6000.000000
Dilution Factor : 1.00
Cycle           : 3
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b13151.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b13151.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13151.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13151.rst
Calib Method  : h:\turbo6\6890-06\6bsurr-(06-20-08).mth from H:\TURBO6\6890-06\6b13151.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-13.seq
    
```



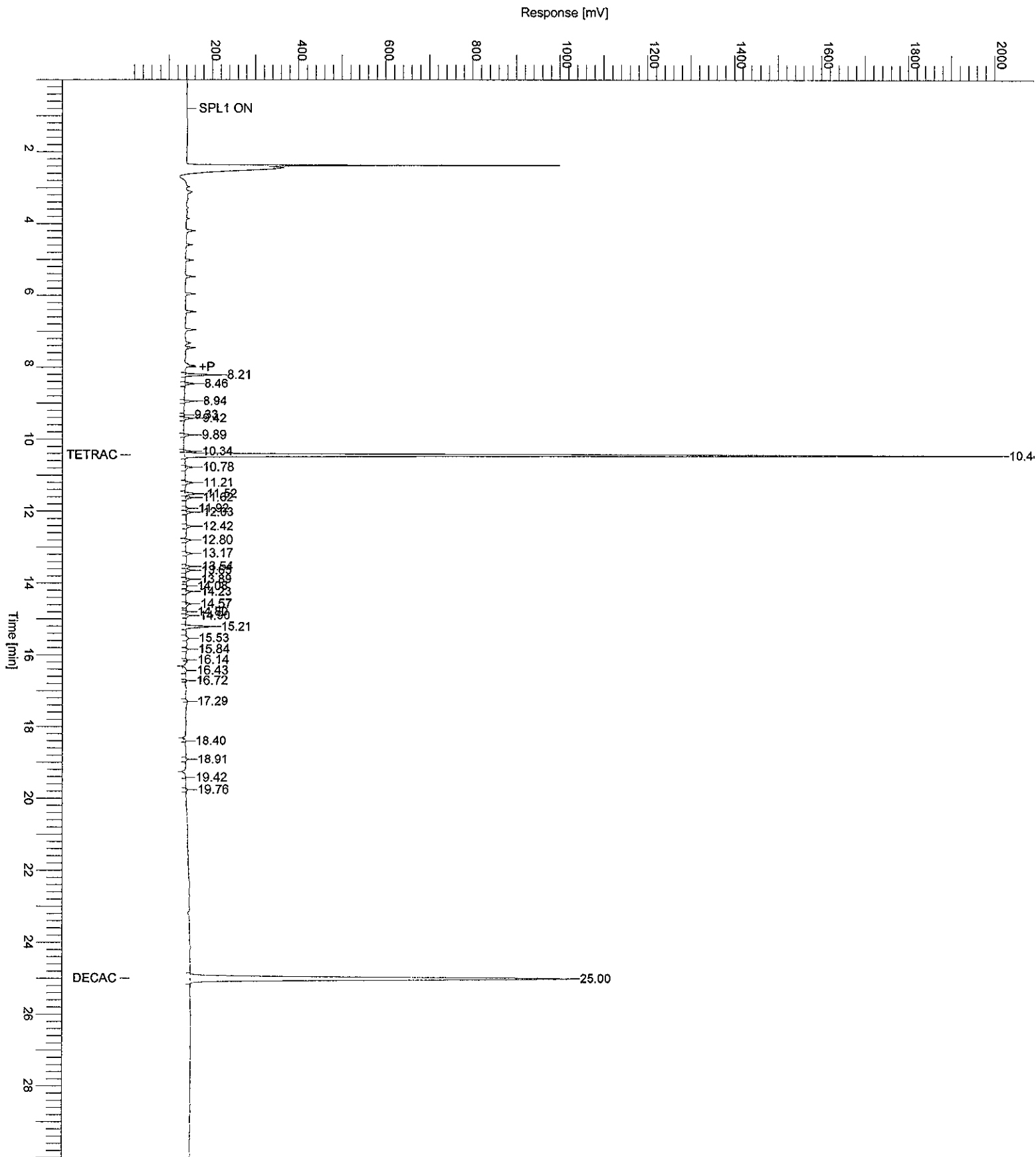
HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.21	201155		B	0.20115	74301.36
2	8.46	56493		B	0.05649	22717.77
3	8.94	50234		B	0.05023	21066.86
5	9.42	50120		B	0.05012	20496.63
6	9.89	44733		B	0.04473	18773.52
7	10.34	45414		B	0.04541	19426.49
8	10.44	6219588	Tetrachloro-m-xylene	V	0.05000	2.02e+06
9	10.78	49952		B	0.04995	17399.63
10	11.21	48479		B	0.04848	18499.91
11	11.52	87382		B	0.08738	27444.16
12	11.62	50440		V	0.05044	17477.25
13	11.92	18625		B	0.01863	5831.06
14	12.03	45081		B	0.04508	16544.11
15	12.42	42364		B	0.04236	15289.78
16	12.80	41928		B	0.04193	14800.79
17	13.17	37746		B	0.03775	13579.51

06/21/2008 08:23:42 Result: H:\TURBO6\6890-06\6b13151.rst

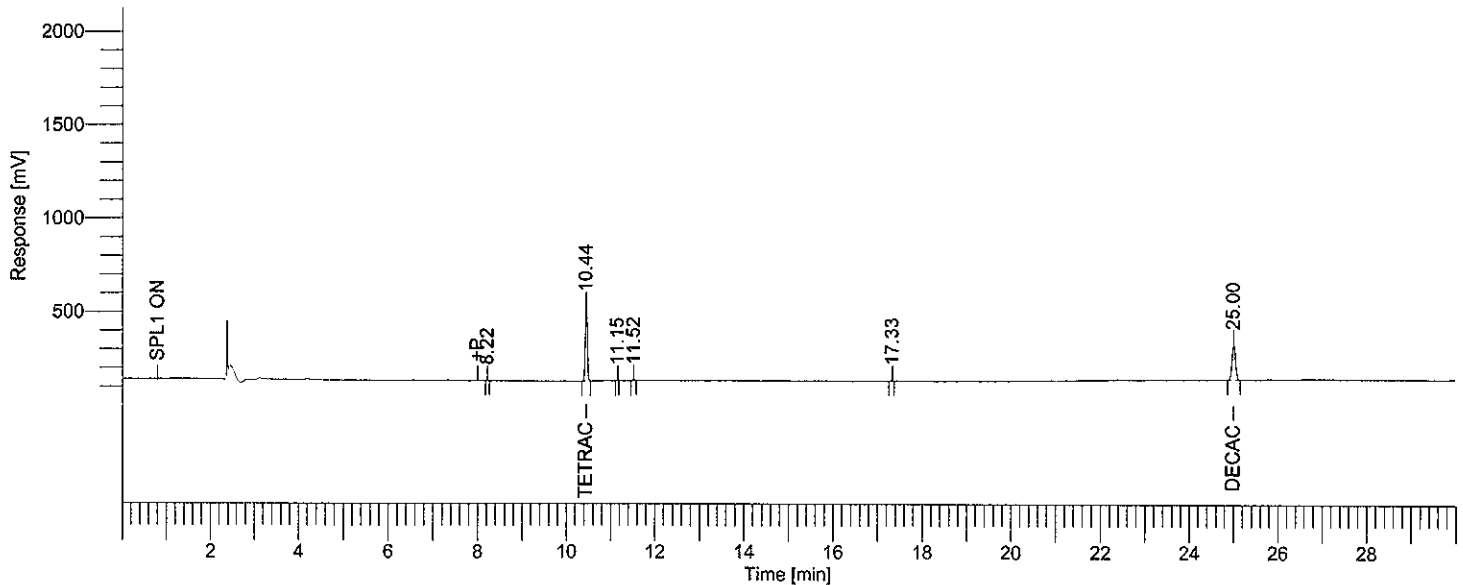
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	13.54	43342		B	0.04334	13909.60
19	13.65	47126		V	0.04713	13394.86
20	13.89	34517		B	0.03452	12151.20
21	14.08	10756		B	0.01076	2833.33
22	14.23	37353		B	0.03735	12128.99
23	14.57	37836		B	0.03784	10652.10
24	14.80	11533		B	0.01153	4008.56
25	14.90	28979		B	0.02898	9409.32
26	15.21	192315		B	0.19232	59606.27
27	15.53	25961		B	0.02596	5943.29
28	15.84	15024		B	0.01502	5110.68
30	16.43	55987		B	0.05599	6756.48
33	18.40	14790		B	0.01479	1906.91
34	18.91	15985		B	0.01598	4467.21
35	19.42	23714		B	0.02371	1006.01
36	19.76	12916		B	0.01292	3856.23
37	25.00	4851650	Decachlorobiphenyl	B	0.05000	874927.88
		12549518			1.57828	3.39e+06

Sample Name : ICM3PK Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b13151.raw
Date : 06/21/2008 08:23:43 Time of Injection: 06/20/2008 17:52:13
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2008 08:23:49
Reprocess Number	: buf2048: 74610	Sample Name	: ICM3PJ DF10
Operator	: tchrom	Study	: ICAL
Sample Number	: 0.01	Rack/Vial	: 1/52
AutoSampler	: BUILT-IN	Channel	: B
Instrument Name	: HP6890-06	A/D mV Range	: 1000
Instrument Serial #	: CN10520010	End Time	: 29.96 min
Delay Time	: 0.00 min	Area Reject	: 6000.000000
Sampling Rate	: 5.0000 pts/s	Dilution Factor	: 1.00
Sample Volume	: 1.000000 ul	Cycle	: 4
Sample Amount	: 1.0000		
Data Acquisition Time	: 06/20/2008 18:26:03		

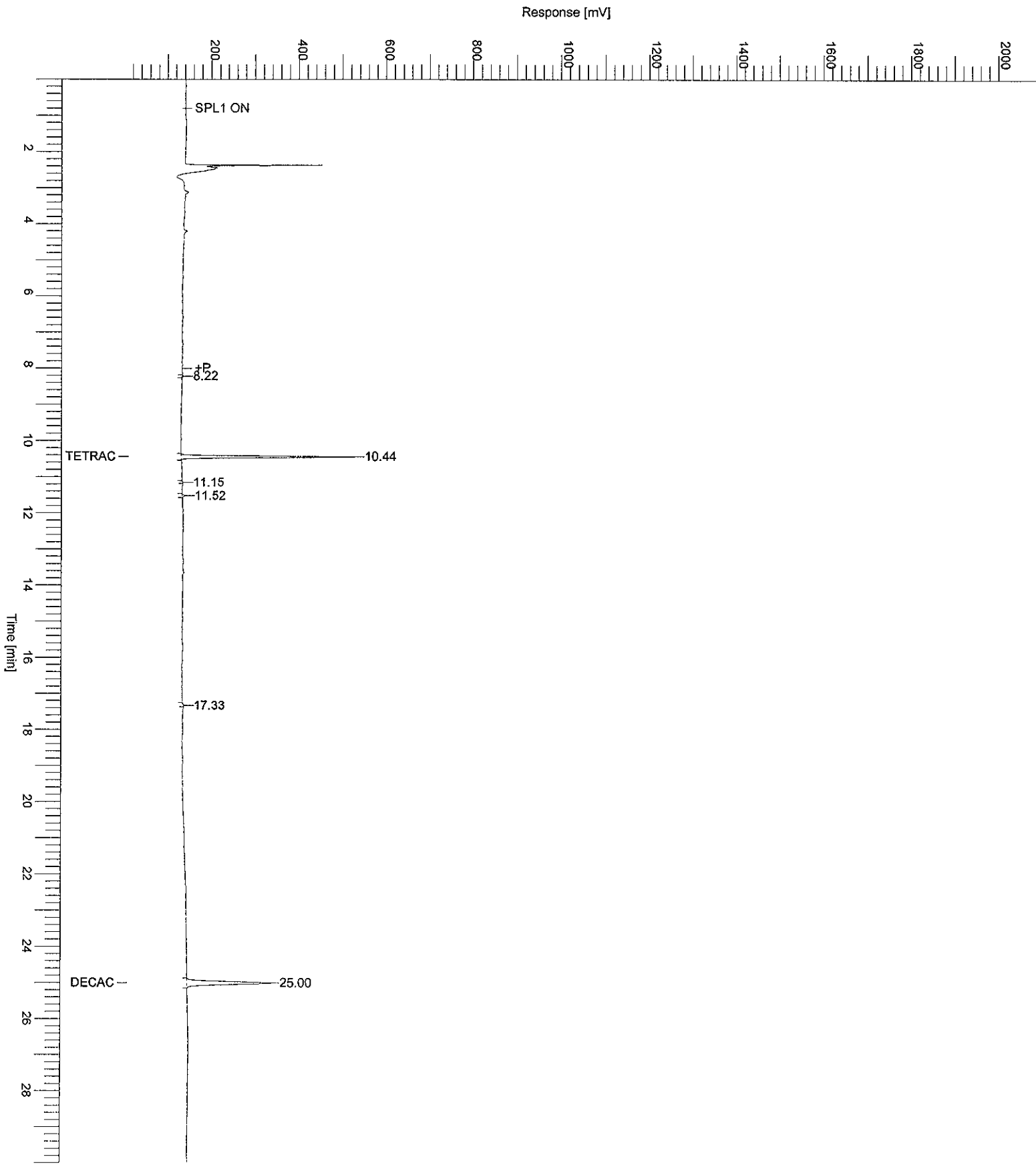
Raw Data File : H:\TURBO6\6890-06\6b13152.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b13152.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13152.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13152.rst
 Calib Method : h:\turbo6\6890-06\6bsurr-(06-20-08).mth from H:\TURBO6\6890-06\6b13152.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-13.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

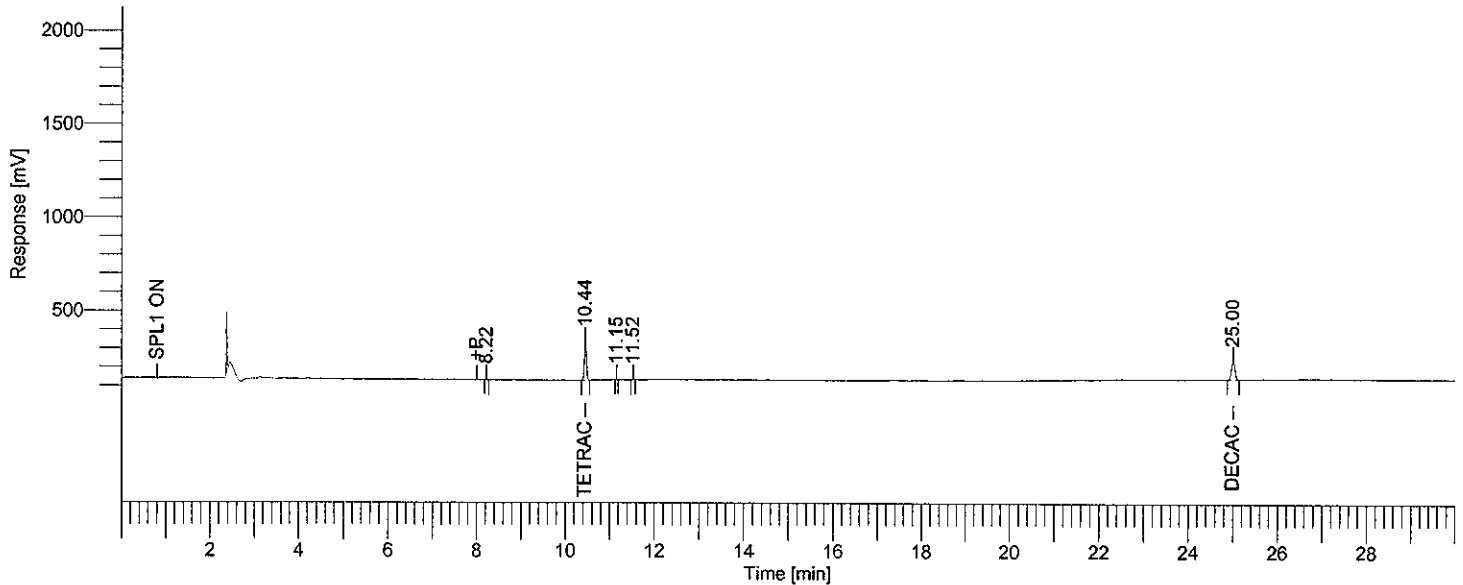
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	10.44	1250637	Tetrachloro-m-xylene	B	0.01000	395828.56
4	11.52	16860		B	0.01686	5642.95
5	17.33	6009		B	0.00601	1096.89
6	25.00	1042280	Decachlorobiphenyl	B	0.01000	187759.19
		2315786			0.04287	590327.59

Sample Name : ICM3PJ DF10 Sample # : 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b13152.raw
Date : 06/21/2008 08:23:51 Time of Injection: 06/20/2008 18:26:03
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 06/21/2008 08:23:56
Reprocess Number	: buf2048: 74612	Sample Name	: ICM3PK DF10
Operator	: tchrom	Study	: ICAL
Sample Number	: 0.005	Rack/Vial	: 1/53
AutoSampler	: BUILT-IN	Channel	: B
Instrument Name	: HP6890-06	A/D mV Range	: 1000
Instrument Serial #	: CN10520010	End Time	: 30.00 min
Delay Time	: 0.00 min	Area Reject	: 6000.000000
Sampling Rate	: 5.0000 pts/s	Dilution Factor	: 1.00
Sample Volume	: 1.000000 ul	Cycle	: 5
Sample Amount	: 1.0000		
Data Acquisition Time	: 06/20/2008 18:59:49		

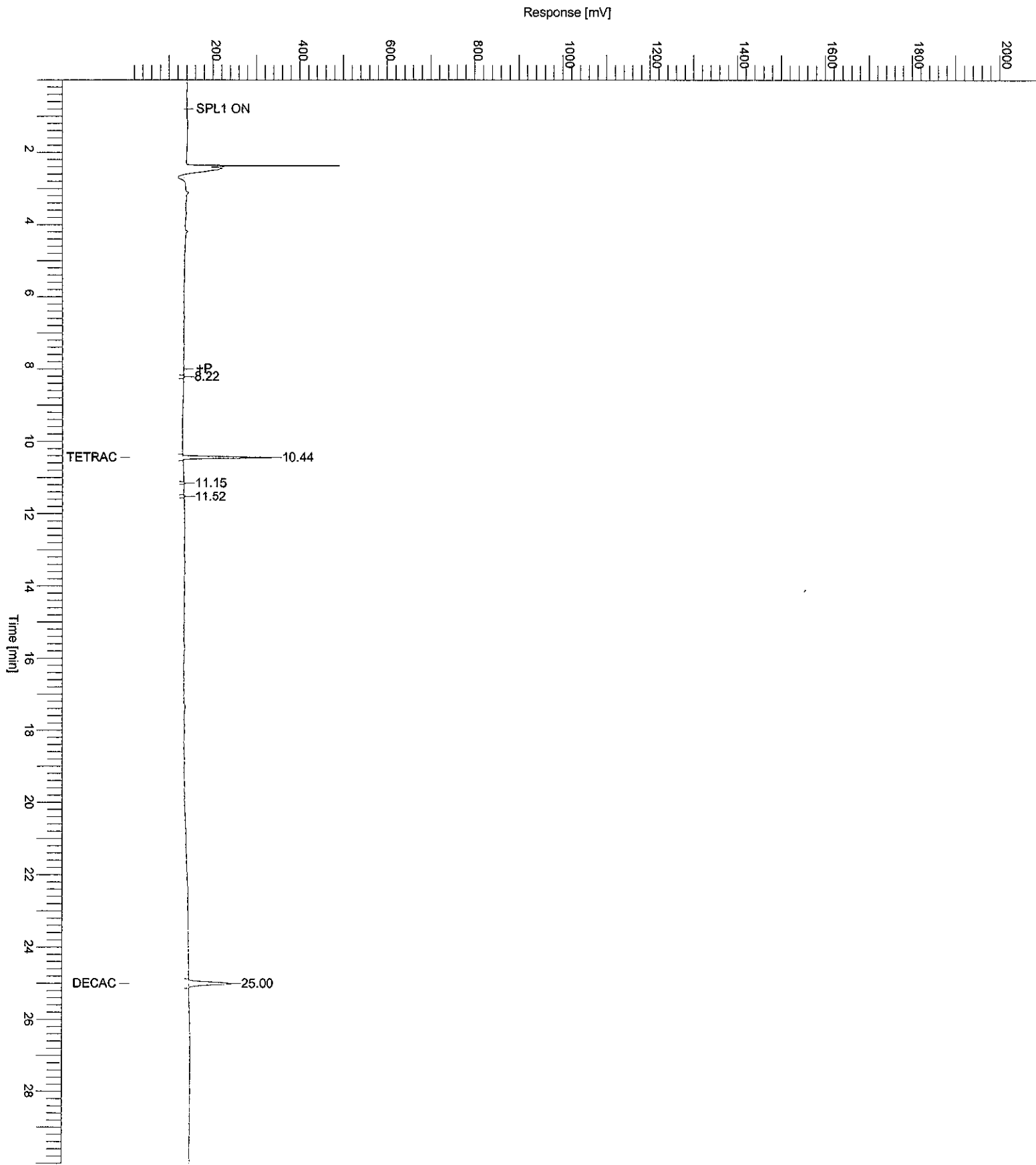
Raw Data File : H:\TURBO6\6890-06\6b13153.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b13153.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b13153.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b13153.rst
 Calib Method : h:\turbo6\6890-06\6bsurr-(06-20-08).mth from H:\TURBO6\6890-06\6b13153.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-13.seq



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	10.44	640223	Tetrachloro-m-xylene	B	0.00500	204636.10
4	11.52	7413		B	0.00741	2691.83
5	25.00	532985	Decachlorobiphenyl	B	0.00500	96900.00
		1180622			0.01741	304227.93

Sample Name : ICM3PK DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b13153.raw
Date : 06/21/2008 08:23:57
Method : 6890-6ins Time of Injection: 06/20/2008 18:59:49
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6a-Chlordane(07-07-08).mth

Printed by : BescoD on: 07/08/2008 07:23:53
 Created by : BescoD on: 07/07/2008 14:03:29
 Edited by : BescoD on: 07/08/2008 07:23:43
 Number of Times Edited : 7
 Number of Times Calibrated : 1823
 Description: CURVE 07-07-08

Processed by: NYB 7/8/08
 Reviewed by: AKY 8/4/08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

chlordane: A

Component Type : Single Peak Component
 Retention Time : 14.568 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :

Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	118092.17	37087.84	-----	-----	1
b	0.1000	203798.80	68009.64	-----	-----	1
c	0.5000	1253576.94	379252.91	-----	-----	1
d	1.0000	2434794.48	742058.37	-----	-----	1
e	1.5000	3699070.05	1.11e+06	-----	-----	1

Calibration Curve : $y = (-16473.587730) + (2473555.677321)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999734

chlordane: B

Component Type : Single Peak Component
 Retention Time : 14.992 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :

Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

07/08/2008 07:23:53 Method: H:\TURBO6\6890-06\6a-Chlordane(07-07-08).mth

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	801138.84	214679.94	-----	-----	1
b	0.1000	1551054.55	412840.65	-----	-----	1
c	0.5000	8517709.63	2.27e+06	-----	-----	1
d	1.0000	16967746.19	4.59e+06	-----	-----	1
e	1.5000	25381310.15	6.79e+06	-----	-----	1

Calibration Curve : $y = (-61996.128786) + (16993314.287651)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999959

chlordan: C

Component Type : Single Peak Component
 Retention Time : 15.270 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	1477546.16	311192.05	-----	-----	1
b	0.1000	2858774.45	608589.41	-----	-----	1
C	0.5000	15795905.62	3.39e+06	-----	-----	1
D	1.0000	31753344.04	6.83e+06	-----	-----	1
E	1.5000	47193545.00	0.00	-----	-----	0

Calibration Curve : $y = (-132057.627588) + (31663302.669835)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999922

CHLORDANE

Component Type : Named Group
 Group Members
 chlordan: A
 chlordan: B
 chlordan: C
 chlordan:D
 chlordan:E
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	2871302.93	688544.29	-----	-----	1
B	0.1000	5617348.83	1.35e+06	-----	-----	1
C	0.5000	31196113.65	7.49e+06	-----	-----	1
D	1.0000	62256480.41	1.51e+07	-----	-----	1
E	1.5000	94530906.11	2.25e+07	-----	-----	1

07/08/2008 07:23:53 Method: H:\TURBO\616890-06\6a-Chlordane(07-07-08).mth

Calibration Curve : $y = (-525338.364577) + (63205982.144560)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999944

chlordane:D

Component Type : Single Peak Component
 Retention Time : 16.716 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	233999.05	60504.30	-----	-----	1
B	0.1000	496581.07	123252.56	-----	-----	1
C	0.5000	2662175.49	661456.31	-----	-----	1
D	1.0000	5191212.68	1.31e+06	-----	-----	1
E	1.5000	8456499.95	2.00e+06	-----	-----	1

Calibration Curve : $y = (-110057.826306) + (5584367.417736)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997422

chlordane:E

Component Type : Single Peak Component
 Retention Time : 16.974 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	240526.70	65080.15	-----	-----	1
B	0.1000	507139.97	136800.13	-----	-----	1
C	0.5000	2966745.96	791368.00	-----	-----	1
D	1.0000	5909383.03	1.63e+06	-----	-----	1
E	1.5000	9800481.12	2.53e+06	-----	-----	1

Calibration Curve : $y = (-204753.218406) + (6491442.178975)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.996314


```

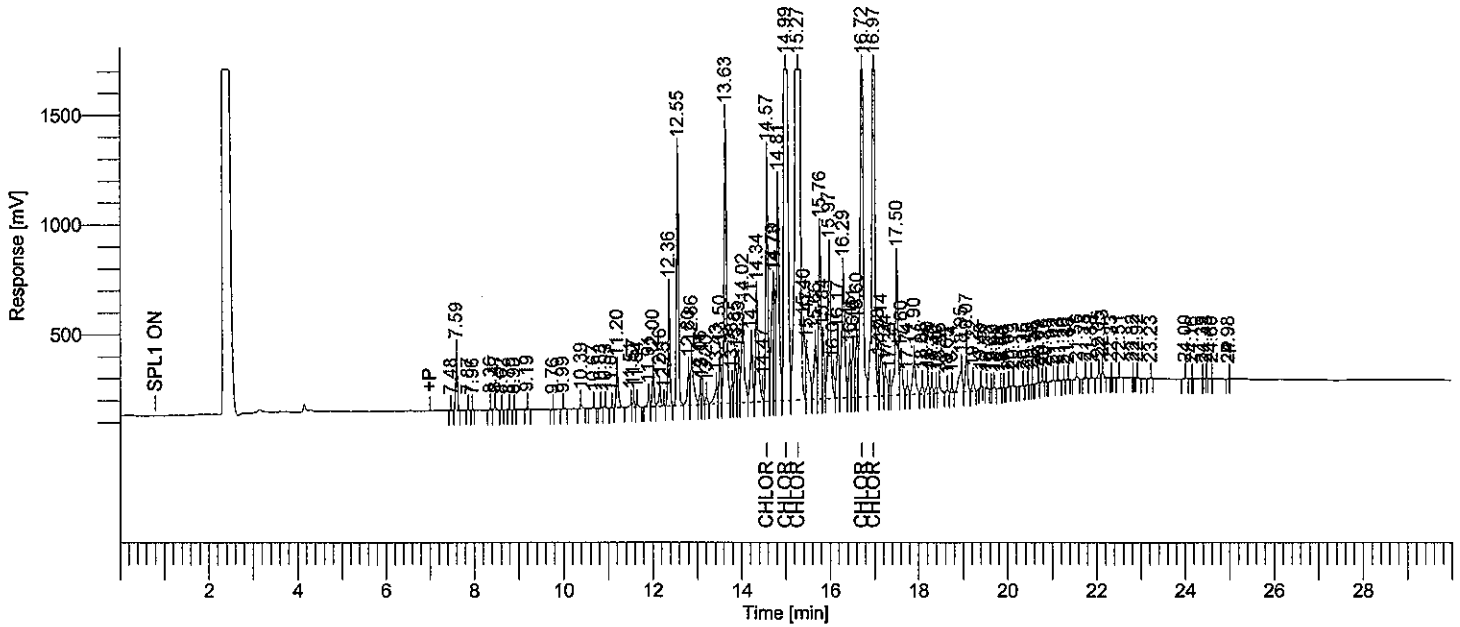
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 76445
Operator          : tchrom
Sample Number     :
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : None
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/07/2008 12:53:13

Date              : 07/08/2008 07:19:59
Sample Name      : ICM11QE
Study            : ICAL 1.5
Rack/Vial        : 1/63
Channel          : A
A/D mV Range     : 1000
End Time         : 29.97 min

Area Reject      : 500.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a14163.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a14163.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a14163.raw
Proc Method   : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a14163.rst
Calib Method  : h:\turbo6\6890-06\6a-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6a14163.rst
Report Format  : h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-14.seq
    
```



HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	15.27	94530906	CHLORDANE	-----	-----
		94530906		0.00000	0.00000

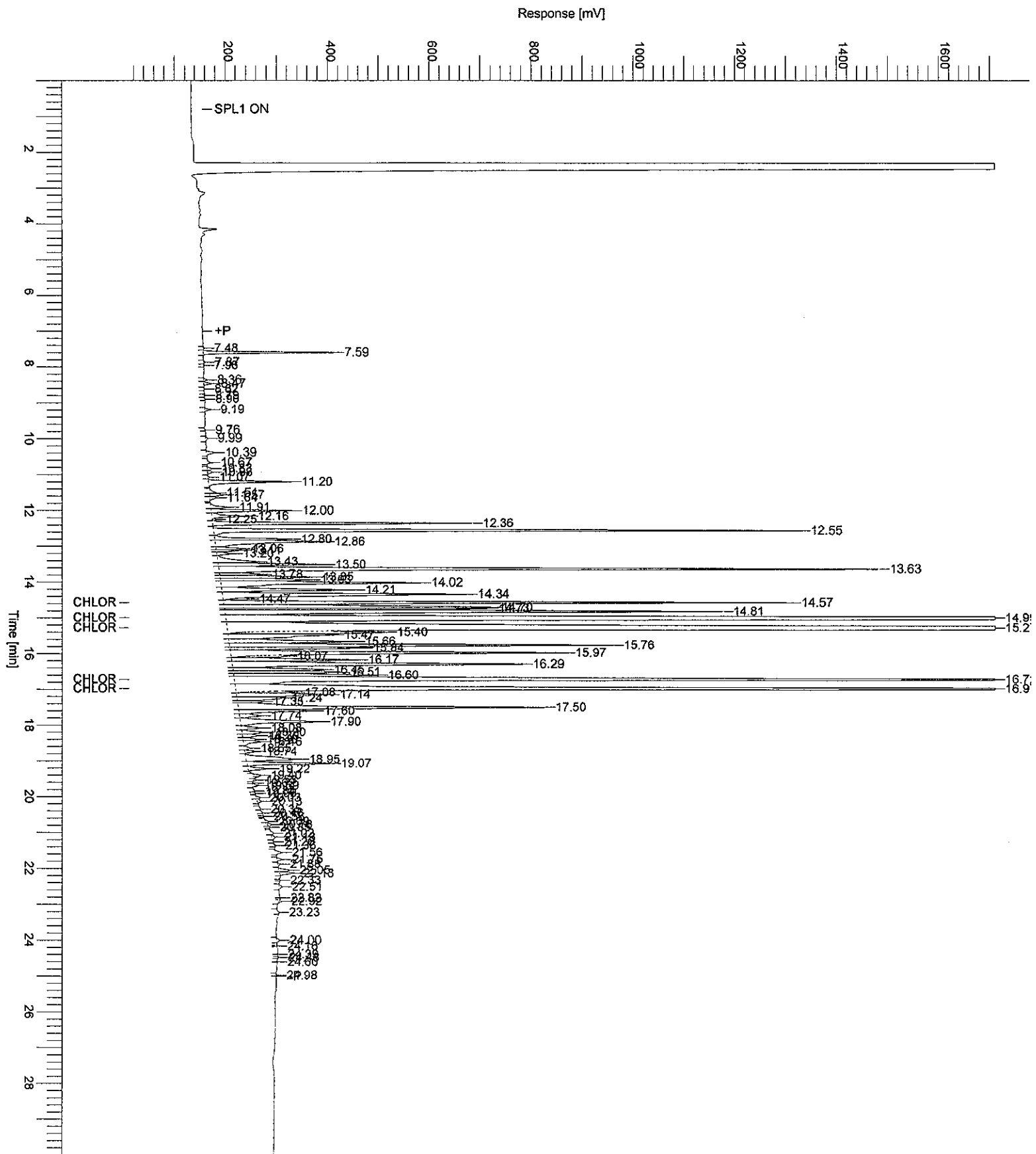
Warning -- Signal level out-of-range in peak

Group Report For : CHLORDANE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	14.57	3699070	chlordane: A	1.50000	-----
	14.99	25381310	chlordane: B	1.50000	-----
	15.27	47193545	chlordane: C	-----	-----
	16.72	8456500	chlordane: D	1.50000	-----
	16.97	9800481	chlordane: E	1.50000	-----
		94530906		6.00000	0.00000

Chromatogram

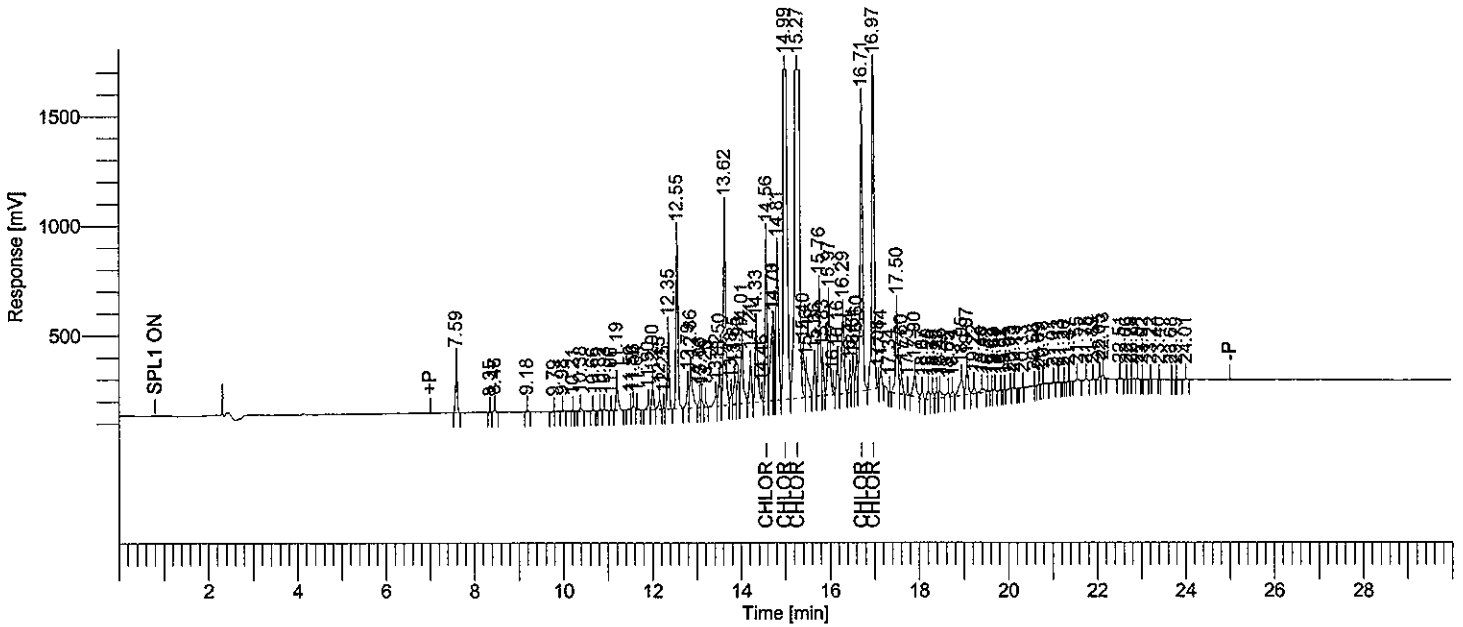
Sample Name : ICM11QE Sample # : Page 1 of 1
File Name : H:\TURBO6\6890-06\6a14163.raw
Date : 07/08/2008 07:20:00 Time of Injection: 07/07/2008 12:53:13
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset: 10.00 mV Plot Scale: 1700.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76446
 Operator : tchrom
 Sample Number :
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/07/2008 13:27:03

Date : 07/08/2008 07:20:02
 Sample Name : ICM11QF
 Study : ICAL 1.0
 Rack/Vial : 1/64
 Channel : A
 A/D mV Range : 1000
 End Time : 29.96 min
 Area Reject : 500.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6a14164.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a14164.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a14164.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a14164.rst
 Calib Method : h:\turbo6\6890-06\6a-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6a14164.rst
 Report Format File : h:\turbo6\6890-06\06pcb.rpt
 Sequence File : H:\TURBO6\6890-06\6D-14.seq



HP6890-06 "A"RTXCLP I/"B"RTXCLPII

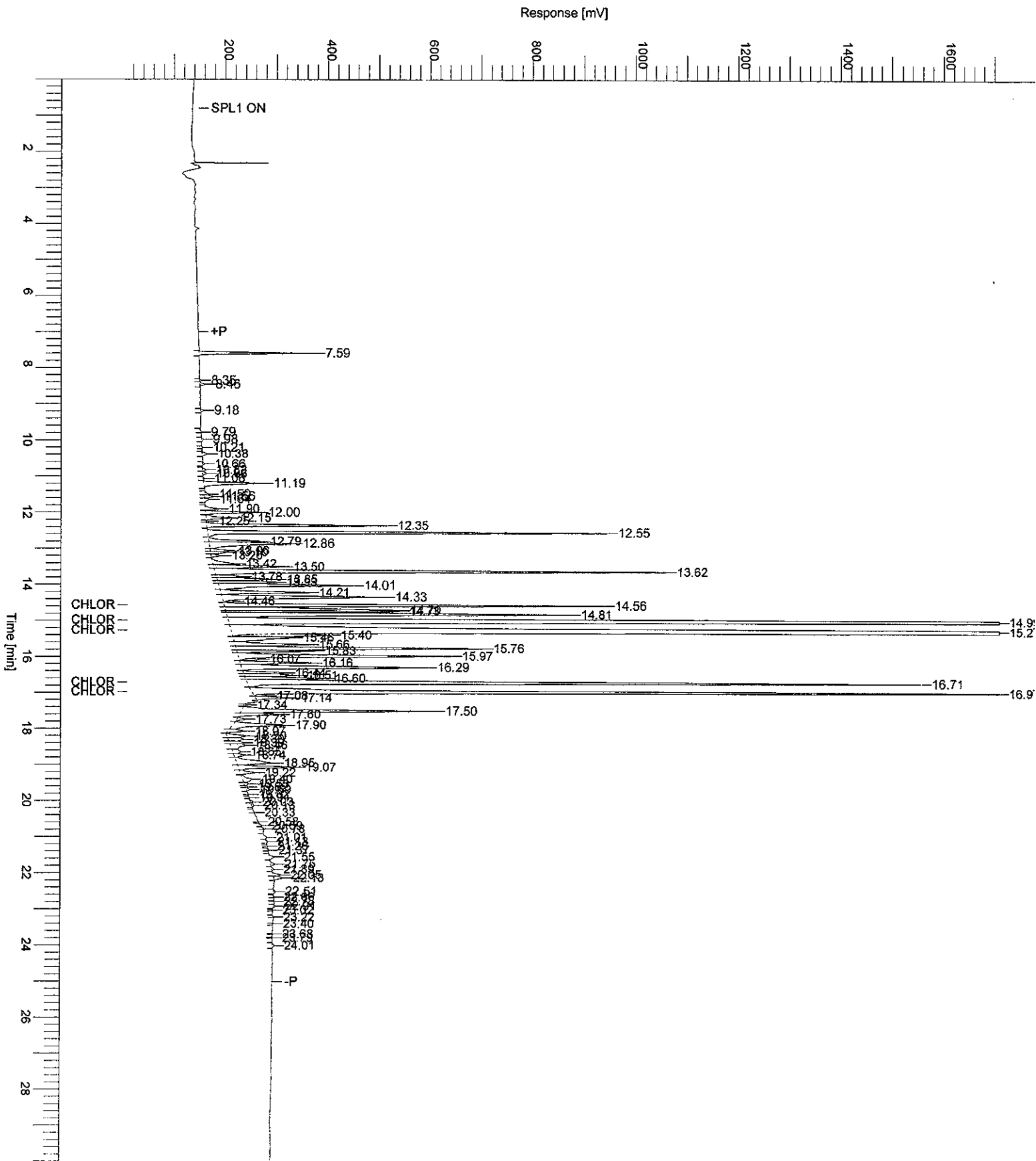
PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	15.27	62256480	CHLORDANE	1.00000	0.20000
		62256480		1.00000	0.20000

Group Report For : CHLORDANE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	14.56	2434794	chlordane: A	1.00000	-----
	14.99	16967746	chlordane: B	1.00000	-----
	15.27	31753344	chlordane: C	1.00000	-----
	16.71	5191213	chlordane: D	1.00000	-----
	16.97	5909383	chlordane: E	1.00000	-----
		62256480		5.00000	0.00000

Chromatogram

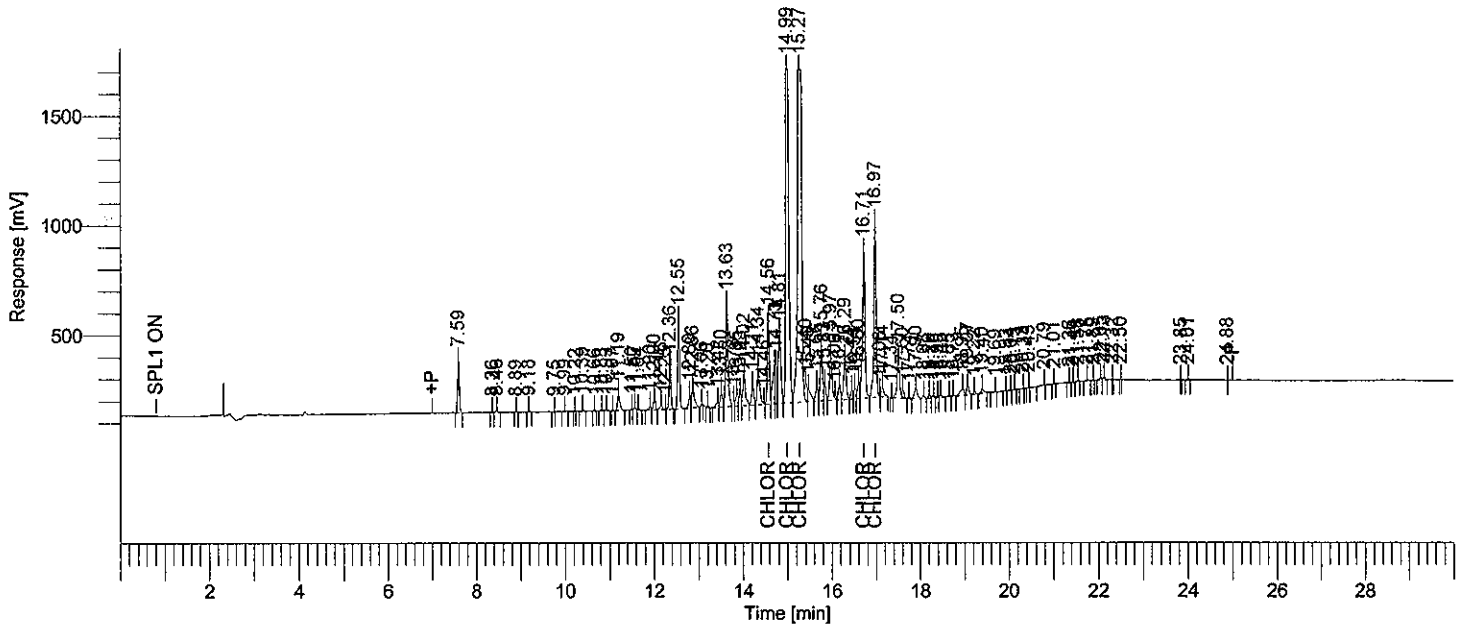
Sample Name : ICM11QF Sample #: Page 1 of 1
File Name : H:\TURBO6\6890-06\6a14164.raw
Date : 07/08/2008 07:20:03 Time of Injection: 07/07/2008 13:27:03
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset : 10.00 mV Plot Scale: 1700.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76447
 Operator : tchrom
 Sample Number :
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/07/2008 14:00:47

Date : 07/08/2008 07:20:05
 Sample Name : ICM11QG
 Study : ICAL 0.5
 Rack/Vial : 1/65
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 500.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-06\6a14165.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a14165.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a14165.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a14165.rst
 Calib Method : h:\turbo6\6890-06\6a-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6a14165.rst
 Report Format File : h:\turbo6\6890-06\06pcb.rpt
 Sequence File : H:\TURBO6\6890-06\6D-14.seq



HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	15.27	31196114	CHLORDANE	0.50000	0.10000
		31196114		0.50000	0.10000

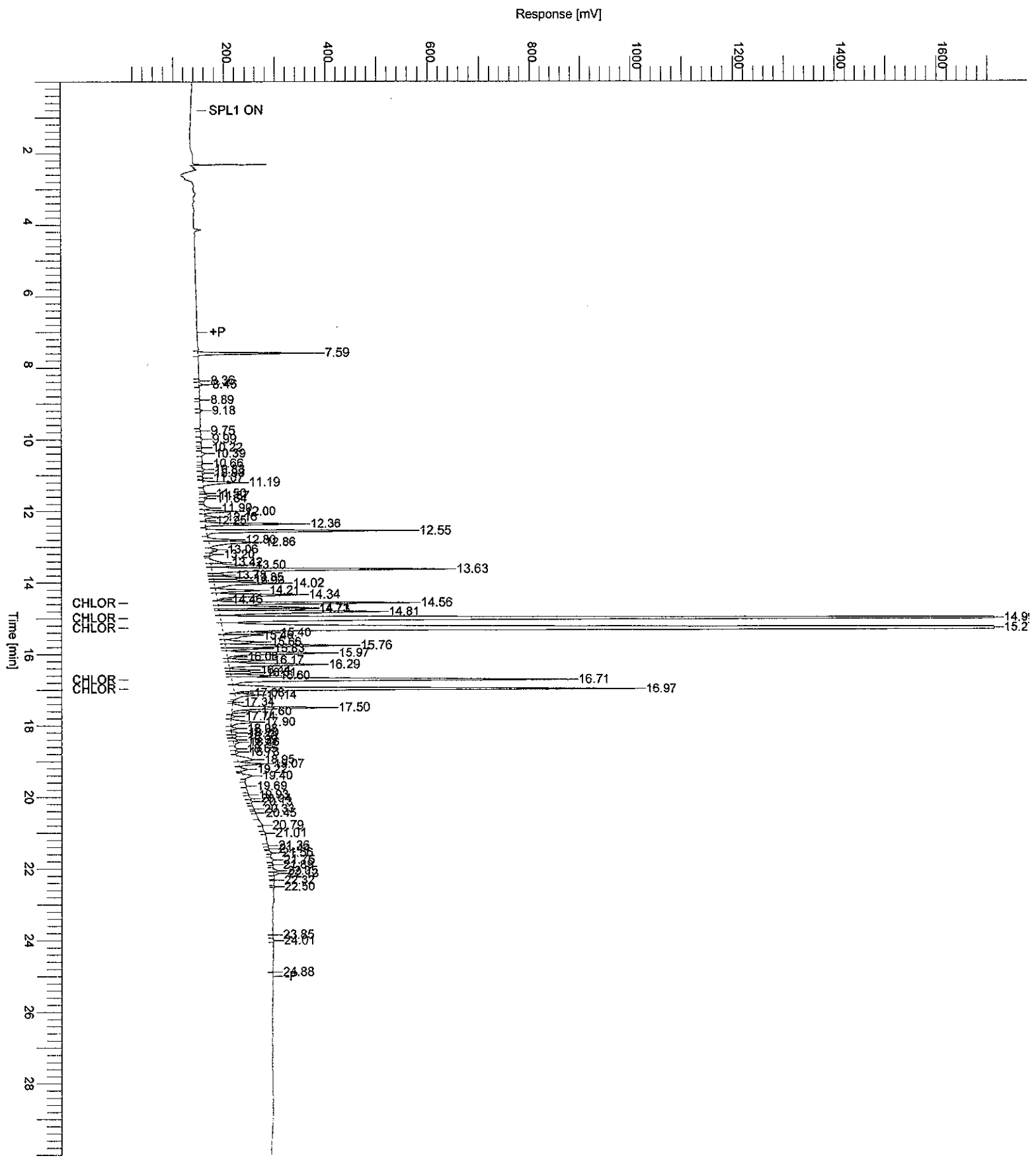
Group Report For : CHLORDANE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	14.56	1253577	chlordane: A	0.50000	-----
	14.99	8517710	chlordane: B	0.50000	-----
	15.27	15795906	chlordane: C	0.50000	-----
	16.71	2662175	chlordane: D	0.50000	-----
	16.97	2966746	chlordane: E	0.50000	-----
		31196114		2.50000	0.00000

Chromatogram

2014/4151

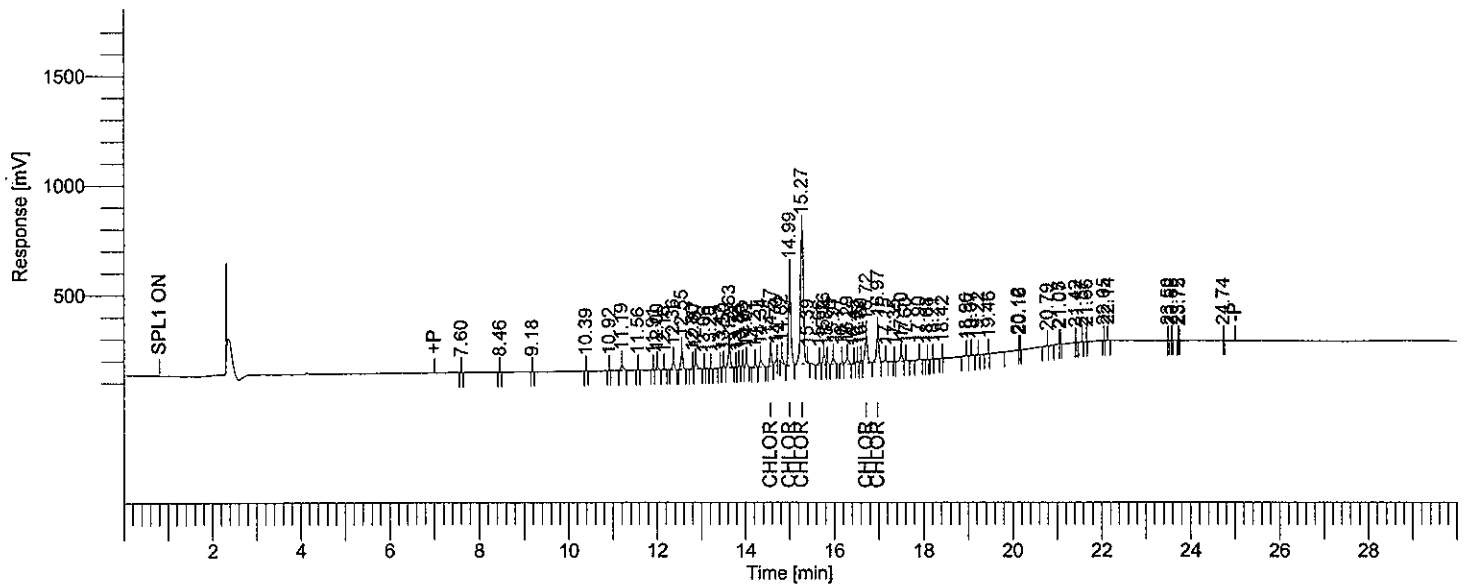
Sample Name : ICM11QG Sample #: Page 1 of 1
FileName : H:\TURBO6\6890-06\6a14165.raw
Date : 07/08/2008 07:20:05 Time of Injection: 07/07/2008 14:00:47
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset: 10.00 mV Plot Scale: 1700.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76448
 Operator : tchrom
 Sample Number :
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/07/2008 14:34:35

Date : 07/08/2008 07:20:07
 Sample Name : ICM11QF 10X
 Study : ICAL 0.1
 Rack/Vial : 1/66
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 500.000000
 Dilution Factor : 1.00
 Cycle : 4

Raw Data File : H:\TURBO6\6890-06\6a14166.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a14166.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a14166.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a14166.rst
 Calib Method : h:\turbo6\6890-06\6a-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6a14166.rst
 Report Format File: h:\turbo6\6890-06\06pcb.rpt
 Sequence File : H:\TURBO6\6890-06\6D-14.seq



HP6890-06 "A"RTXCLP I/"B"RTXCLPII

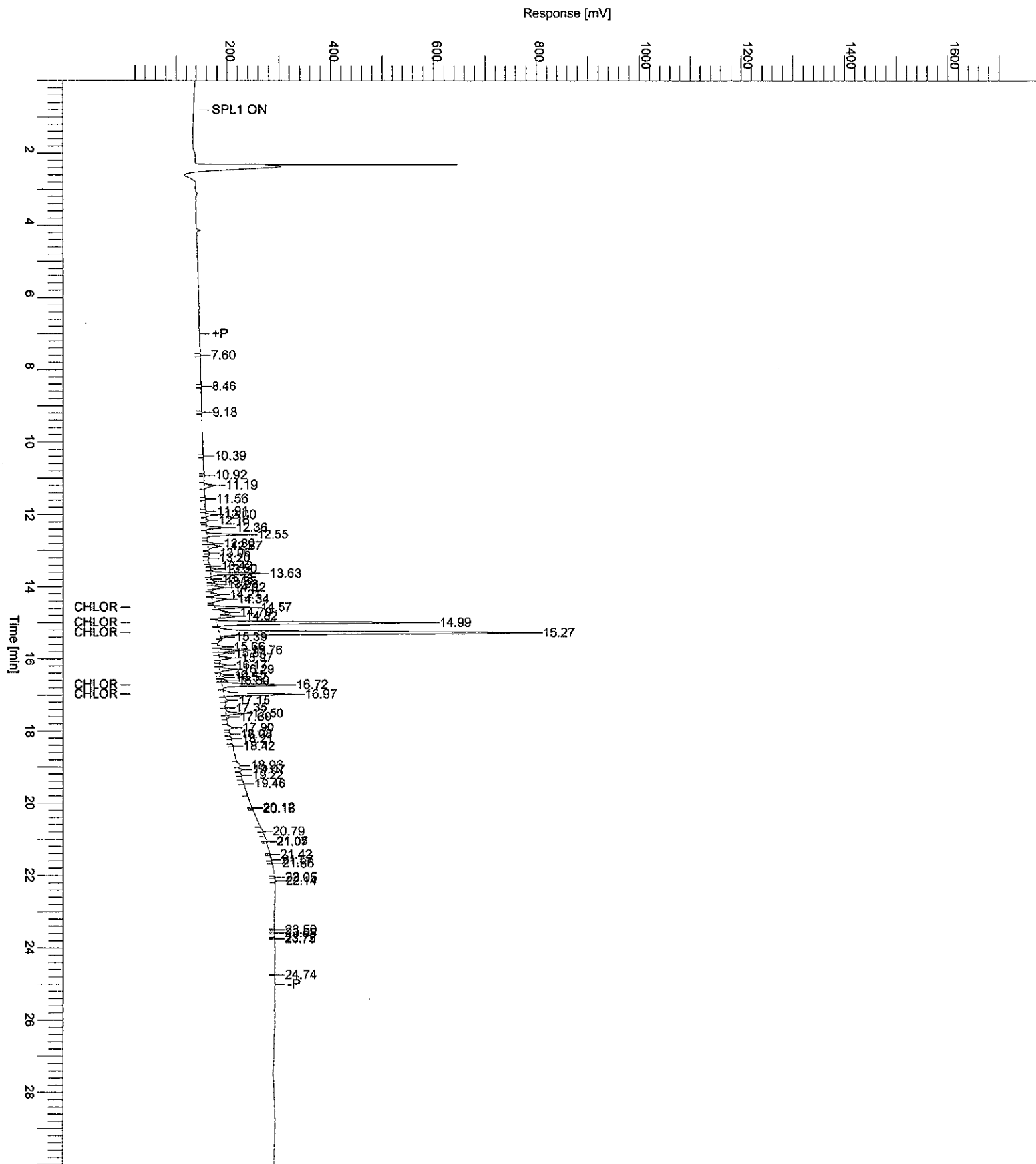
PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	15.27	5617349	CHLORDANE	0.10000	0.02000
		5617349		0.10000	0.02000

Group Report For : CHLORDANE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	14.57	203799	chlordane: A	0.10000	-----
	14.99	1551055	chlordane: B	0.10000	-----
	15.27	2858774	chlordane: C	0.10000	-----
	16.72	496581	chlordane: D	0.10000	-----
	16.97	507140	chlordane: E	0.10000	-----
		5617349		0.50000	0.00000

Chromatogram

Sample Name : ICM11QF 10X Sample #: Page 1 of 1
FileName : H:\TURBO6\6890-06\6a14166.raw
Date : 07/08/2008 07:20:08 Time of Injection: 07/07/2008 14:34:35
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset : 10.00 mV Plot Scale: 1700.0 mV




```

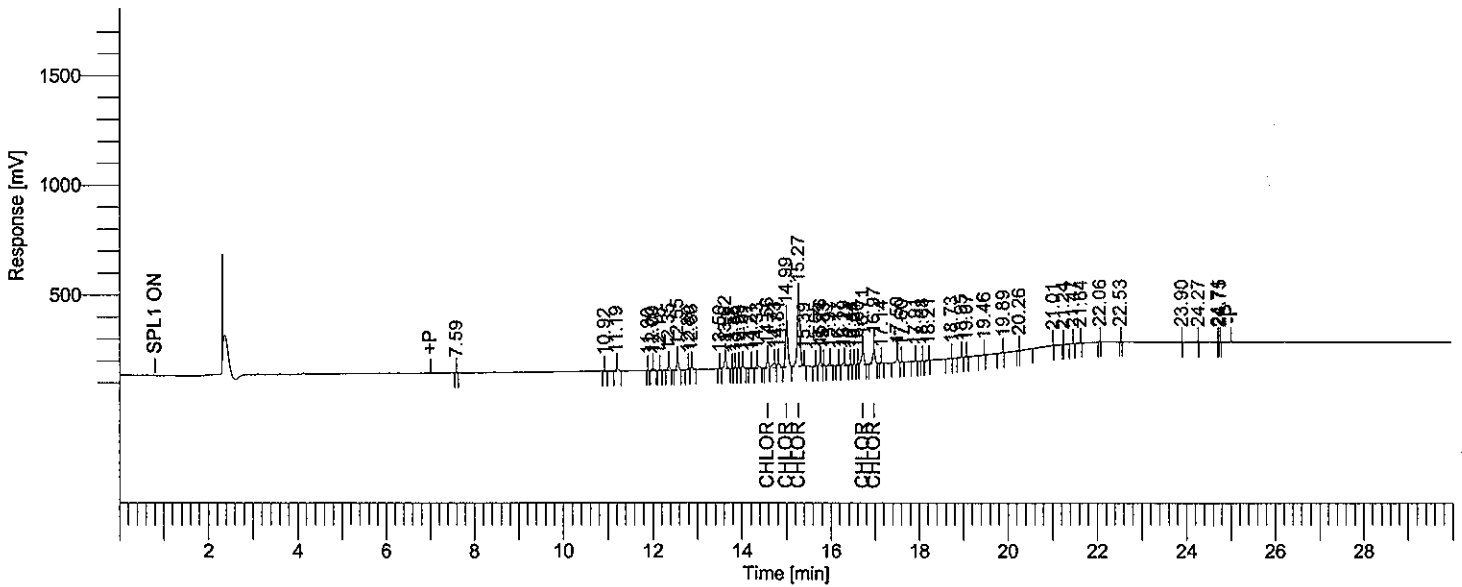
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 76449
Operator          : tchrom
Sample Number     :
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : None
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/07/2008 15:08:22

Date              : 07/08/2008 07:20:10
Sample Name       : ICM11QG 10X
Study             : ICAL 0.05
Rack/Vial         : 1/67
Channel           : A
A/D mV Range     : 1000
End Time         : 29.94 min

Area Reject      : 500.000000
Dilution Factor  : 1.00
Cycle            : 5
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a14167.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a14167.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a14167.raw
Proc Method   : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a14167.rst
Calib Method  : h:\turbo6\6890-06\6a-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6a14167.rst
Report Format File: h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-14.seq
    
```



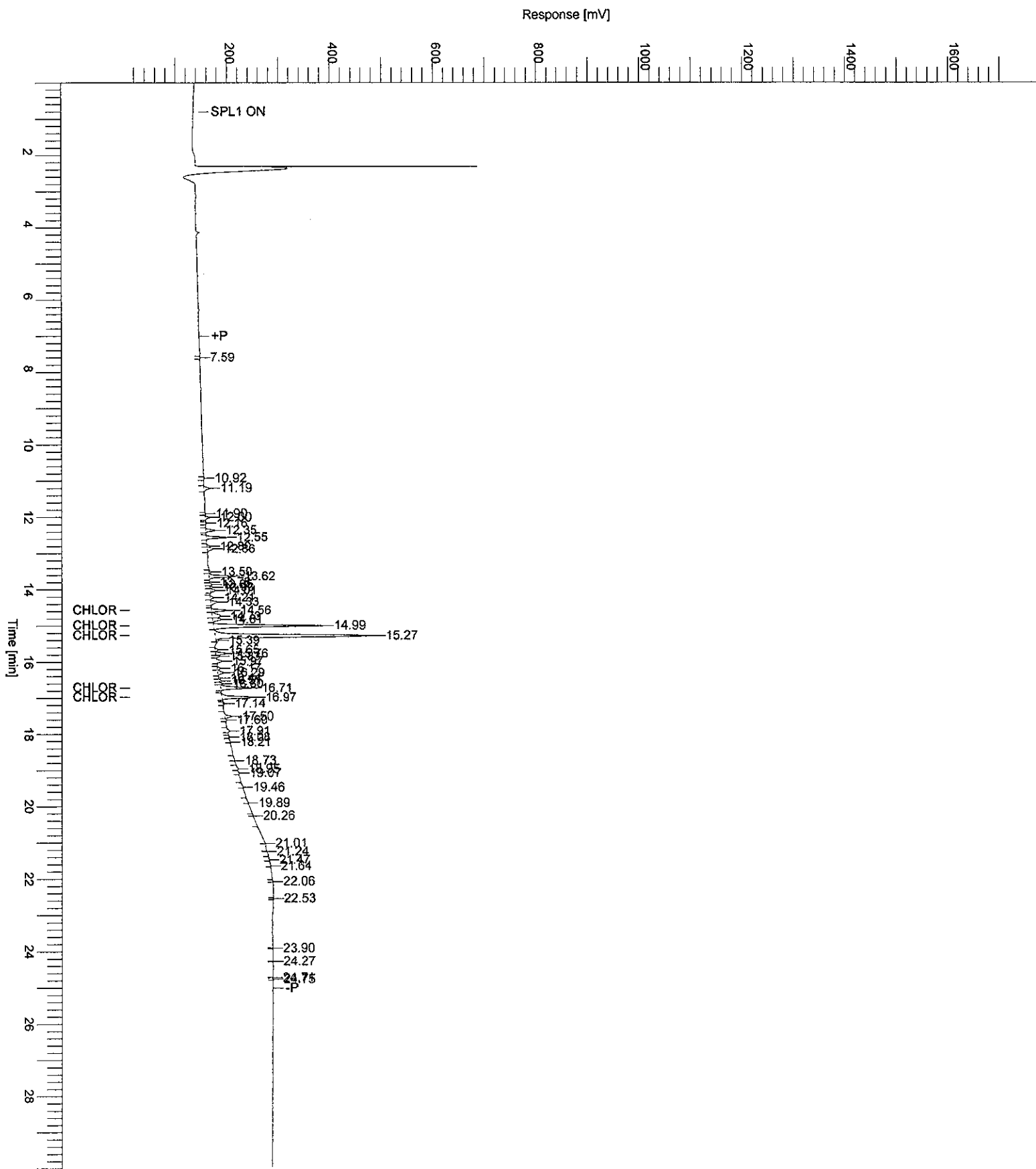
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	15.27	2871303	CHLORDANE	0.05000	0.01000
		2871303		0.05000	0.01000

Group Report For : CHLORDANE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	14.56	118092	chlordane: A	0.05000	-----
	14.99	801139	chlordane: B	0.05000	-----
	15.27	1477546	chlordane: C	0.05000	-----
	16.71	233999	chlordane: D	0.05000	-----
	16.97	240527	chlordane: E	0.05000	-----
		2871303		0.25000	0.00000

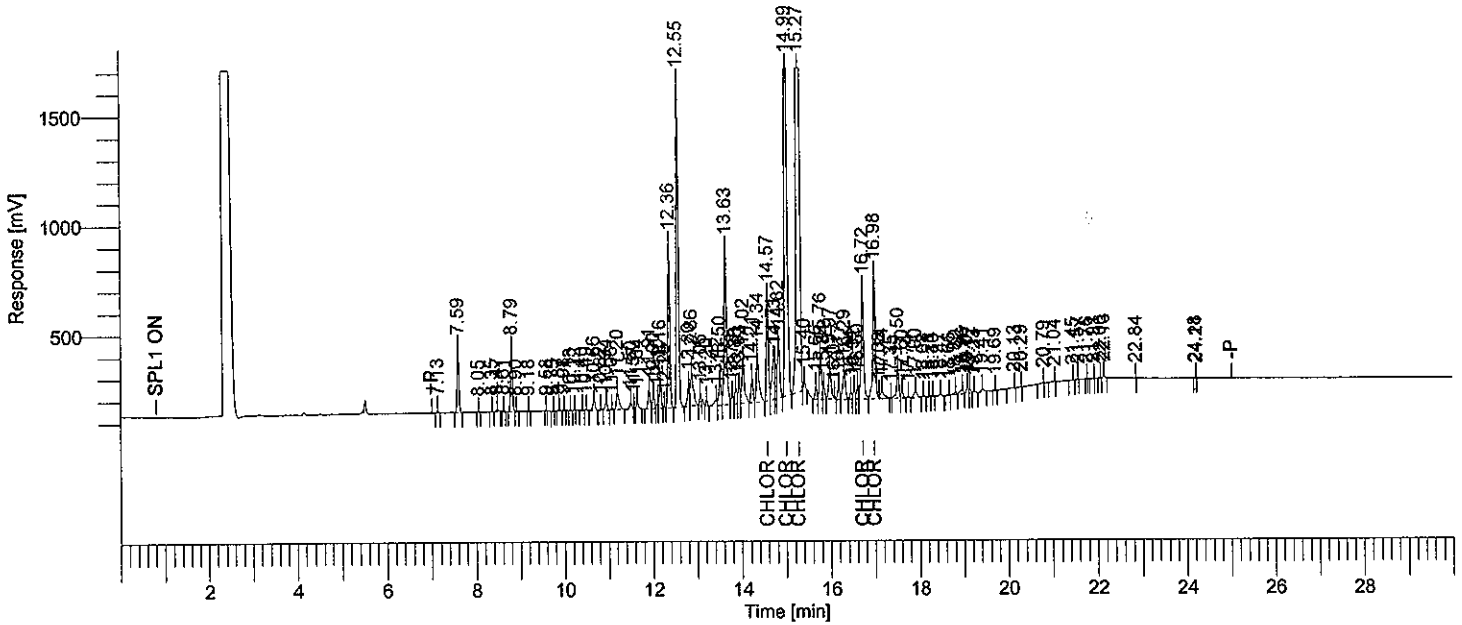
Sample Name : ICM11QG 1OX Sample #: Page 1 of 1
FileName : H:\TURBO6\6890-06\6a14167.raw
Date : 07/08/2008 07:20:10 Time of Injection: 07/07/2008 15:08:22
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset: 10.00 mV Plot Scale: 1700.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76450
 Operator : tchrom
 Sample Number :
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/07/2008 15:42:15

Date : 07/08/2008 07:27:14
 Sample Name : ACM11KB
 Study : 2nd Source
 Rack/Vial : 1/68
 Channel : A
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6a14168.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a14168.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a14168.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a14168.rst
 Calib Method : h:\turbo6\6890-06\6a-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6a14168.rst
 Report Format File: h:\turbo6\6890-06\06pcb%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-14.seq



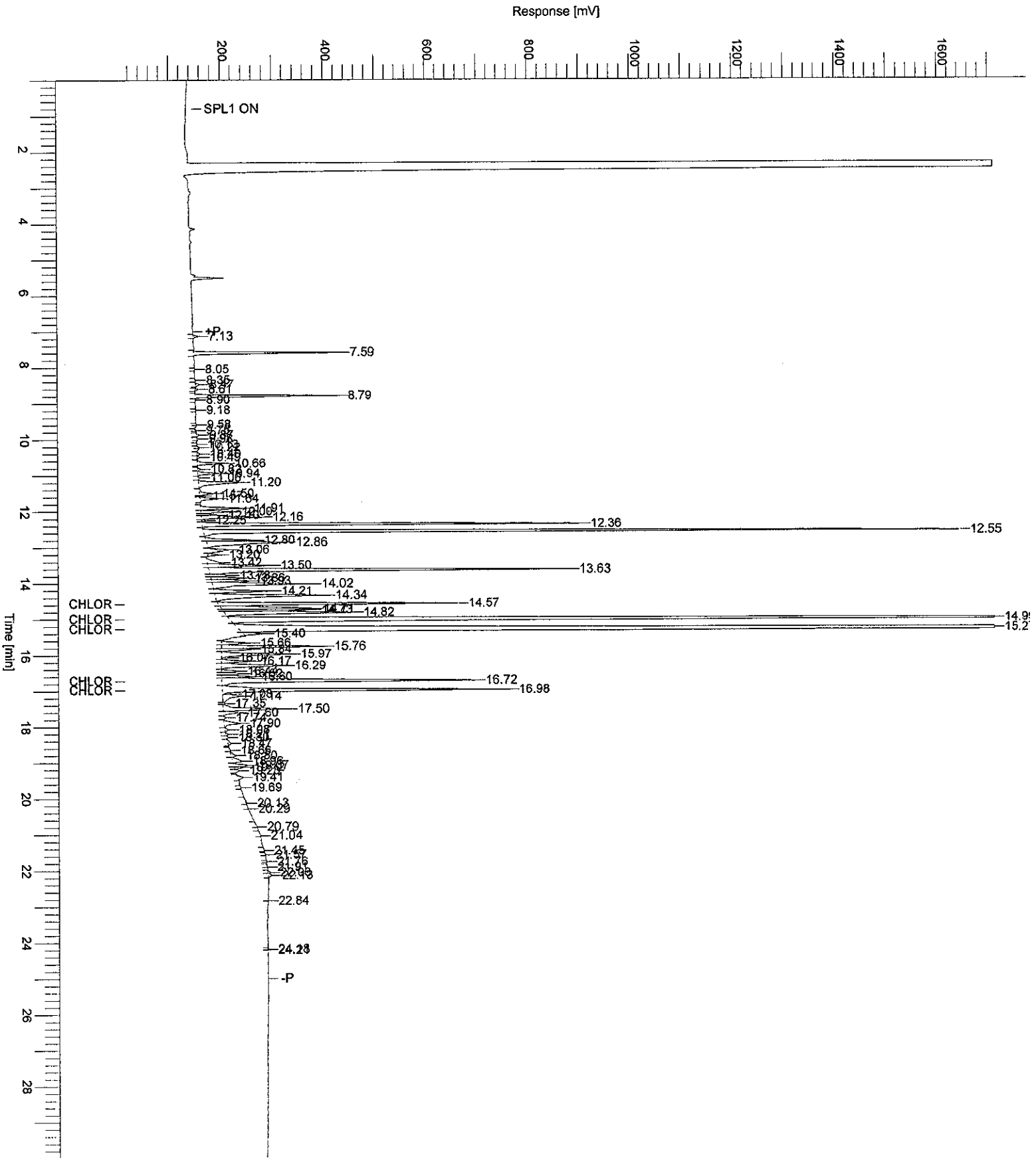
HP6890-06 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
15.27	30153605	CHLORDANE	0.48538	-2.9	5
	30153605		0.48538	-2.9	

Group Report For : CHLORDANE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
14.57	1507681	chlordane: A	0.61618	23.2	0
14.99	9291758	chlordane: B	0.55044	10.1	0
15.27	15148006	chlordane: C	0.48258	-3.5	0
16.72	2056204	chlordane: D	0.38792	-22.4	0
16.98	2149955	chlordane: E	0.36274	-27.5	0
	30153605		2.39985	-20.0	

Sample Name : ACM11KB Sample # : Page 1 of 1
FileName : H:\TURBO6\6890-06\6a14168.raw
Date : 07/08/2008 07:27:15
Method : 6890-6ins Time of Injection: 07/07/2008 15:42:15
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1710.00 mV
Plot Offset: 10.00 mV Plot Scale: 1700.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6b-Chlordane(07-07-08).mth
 Printed by : BescoD on: 07/08/2008 08:17:49
 Created by : BescoD on: 07/07/2008 14:02:38
 Edited by : BescoD on: 07/08/2008 08:17:43
 Number of Times Edited : 8
 Number of Times Calibrated : 1823
 Description: CURVE 07-07-08

Processed by: JEB 7/8/08
 Reviewed by: AKY 8/4/08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

chlordane: A

Component Type : Single Peak Component
 Retention Time : 15.402 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	197970.90	56061.76	-----	-----	1
b	0.1000	390590.52	103615.37	-----	-----	1
c	0.5000	1808931.07	478503.41	-----	-----	1
d	1.0000	3551997.22	914972.11	-----	-----	1
e	1.5000	4765520.14	1.29e+06	-----	-----	1

Calibration Curve : $y = (121376.352067) + (3208929.550721)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.994036

chlordane: B

Component Type : Single Peak Component
 Retention Time : 17.043 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

07/08/2008 08:17:49 Method: H:\TURBO6\6890-06\6b-Chlordane(07-07-08).mth

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	1007487.89	266576.84	-----	-----	1
b	0.1000	1947690.24	509211.40	-----	-----	1
c	0.5000	10260546.49	2.73e+06	-----	-----	1
d	1.0000	20820456.20	5.54e+06	-----	-----	1
e	1.5000	29599426.97	8.01e+06	-----	-----	1

Calibration Curve : $y = (149971.258102) + (19963730.635187)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998653

chlordane: C

Component Type : Single Peak Component
 Retention Time : 17.161 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	716730.78	206715.39	-----	-----	1
b	0.1000	1372660.94	390861.93	-----	-----	1
C	0.5000	7155518.71	2.08e+06	-----	-----	1
D	1.0000	14614501.66	4.21e+06	-----	-----	1
E	1.5000	20153702.75	6.04e+06	-----	-----	1

Calibration Curve : $y = (198812.156327) + (13656842.556589)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.996721

CHLORDANE

Component Type : Named Group

Group Members

chlordane: A
 chlordane: B
 chlordane: C
 chlordane: D
 chlordane: E

Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 5.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	2435348.65	667855.11	-----	-----	1
B	0.1000	4732082.65	1.28e+06	-----	-----	1
C	0.5000	24759567.05	6.75e+06	-----	-----	1
D	1.0000	50434806.69	1.37e+07	-----	-----	1
E	1.5000	70530413.61	1.97e+07	-----	-----	1

07/08/2008 08:17:49 Method: H:\TURBO6\6890-06\6b-Chlordane(07-07-08).mth

Calibration Curve : $y = (528479.198044) + (47698356.397544)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997716

chlordane:D

Component Type : Single Peak Component
 Retention Time : 18.763 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	276381.18	77182.78	-----	-----	1
B	0.1000	532029.28	148022.04	-----	-----	1
C	0.5000	2740924.09	753302.84	-----	-----	1
D	1.0000	5638302.00	1.54e+06	-----	-----	1
E	1.5000	7695741.49	2.18e+06	-----	-----	1

Calibration Curve : $y = (85309.011513) + (5224391.426159)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.995901

chlordane:E

Component Type : Single Peak Component
 Retention Time : 19.165 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	236777.90	61318.34	-----	-----	1
B	0.1000	489111.67	124043.63	-----	-----	1
C	0.5000	2793646.68	702181.74	-----	-----	1
D	1.0000	5809549.61	1.47e+06	-----	-----	1
E	1.5000	8316022.26	2.14e+06	-----	-----	1

Calibration Curve : $y = (-26989.579965) + (5644462.228889)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998874

```

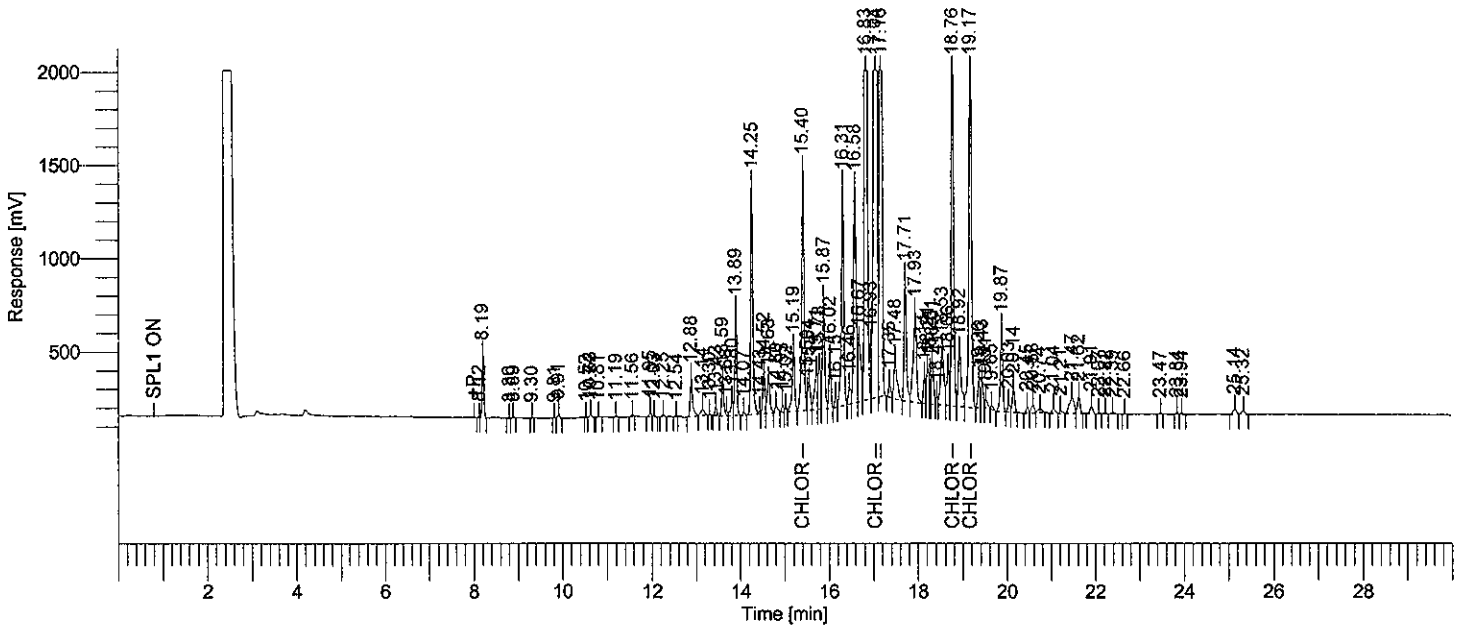
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 76456
Operator          : tchrom
Sample Number     :
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : None
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 07/07/2008 12:53:13

Date              : 07/08/2008 08:16:58
Sample Name      : ICM11QE
Study            : ICAL 1.5
Rack/Vial       : 1/63
Channel         : B
A/D mV Range    : 1000
End Time        : 29.97 min

Area Reject     : 500.000000
Dilution Factor : 1.00
Cycle           : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b14163.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b14163.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b14163.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b14163.rst
Calib Method  : h:\turbo6\6890-06\6b-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6b14163.rst
Report Format  : h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-14.seq
    
```



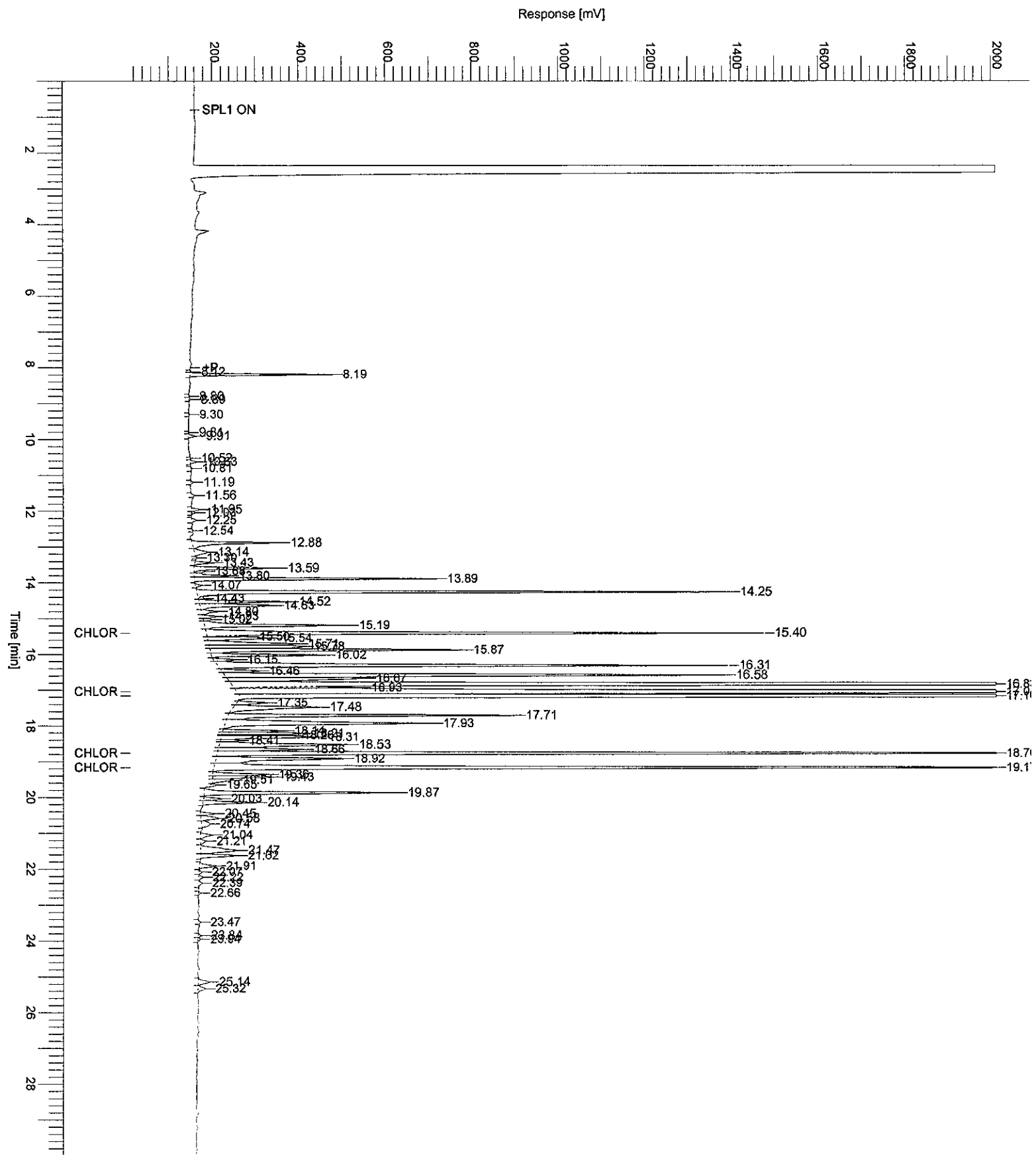
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	17.04	70530414	CHLORDANE	1.50000	0.30000
		70530414		1.50000	0.30000

Group Report For : CHLORDANE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	15.40	4765520	chlordane: A	1.50000	-----
	17.04	29599427	chlordane: B	1.50000	-----
	17.16	20153703	chlordane: C	1.50000	-----
	18.76	7695741	chlordane: D	1.50000	-----
	19.17	8316022	chlordane: E	1.50000	-----
		70530414		7.50000	0.00000

Sample Name : ICM11QE Sample # : Page 1 of 1
FileName : H:\TURBO6\6890-06\6b14163.raw
Date : 07/08/2008 08:16:59
Method : 6890-6ins Time of Injection: 07/07/2008 12:53:13
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



```

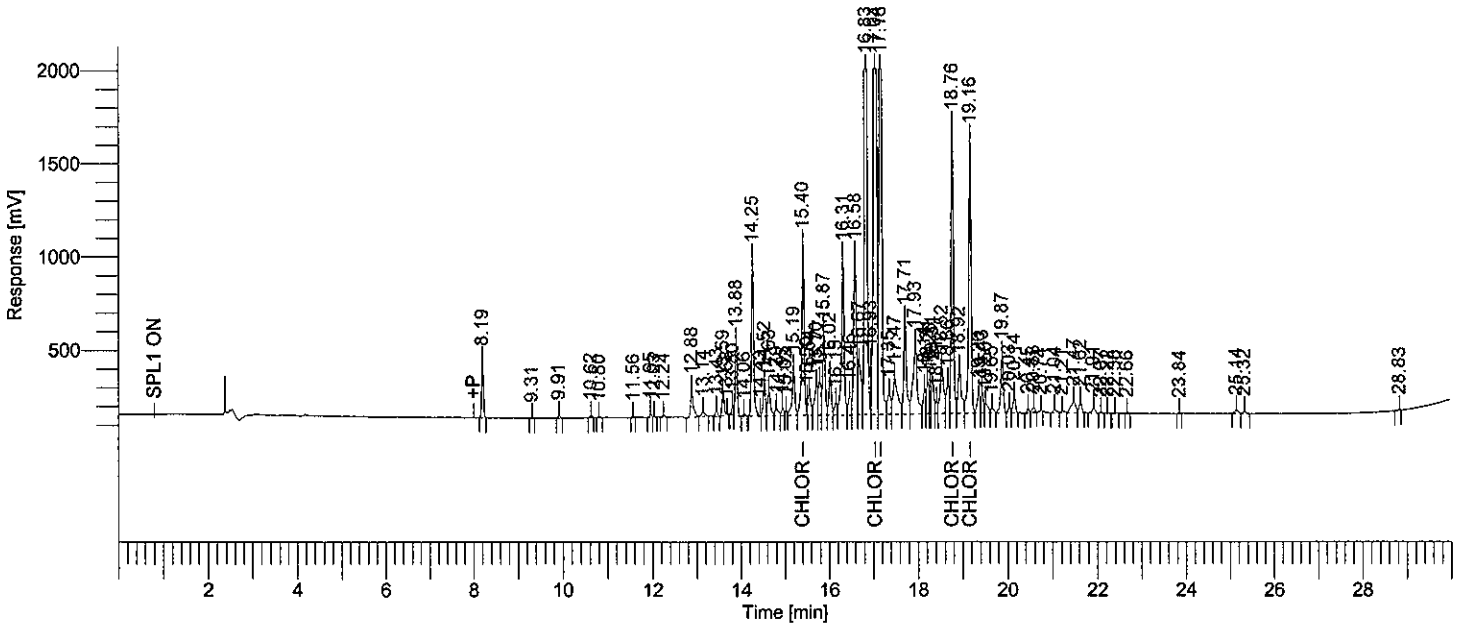
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 76457
Operator          : tchrom
Sample Number     :
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : None
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/07/2008 13:27:03

Date              : 07/08/2008 08:17:01
Sample Name       : ICM11QF
Study            : ICAL 1.0
Rack/Vial        : 1/64
Channel          : B
A/D mV Range     : 1000
End Time         : 29.96 min

Area Reject      : 500.000000
Dilution Factor  : 1.00
Cycle            : 2
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b14164.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b14164.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b14164.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b14164.rst
Calib Method  : h:\turbo6\6890-06\6b-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6b14164.rst
Report Format  : h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-14.seq
    
```



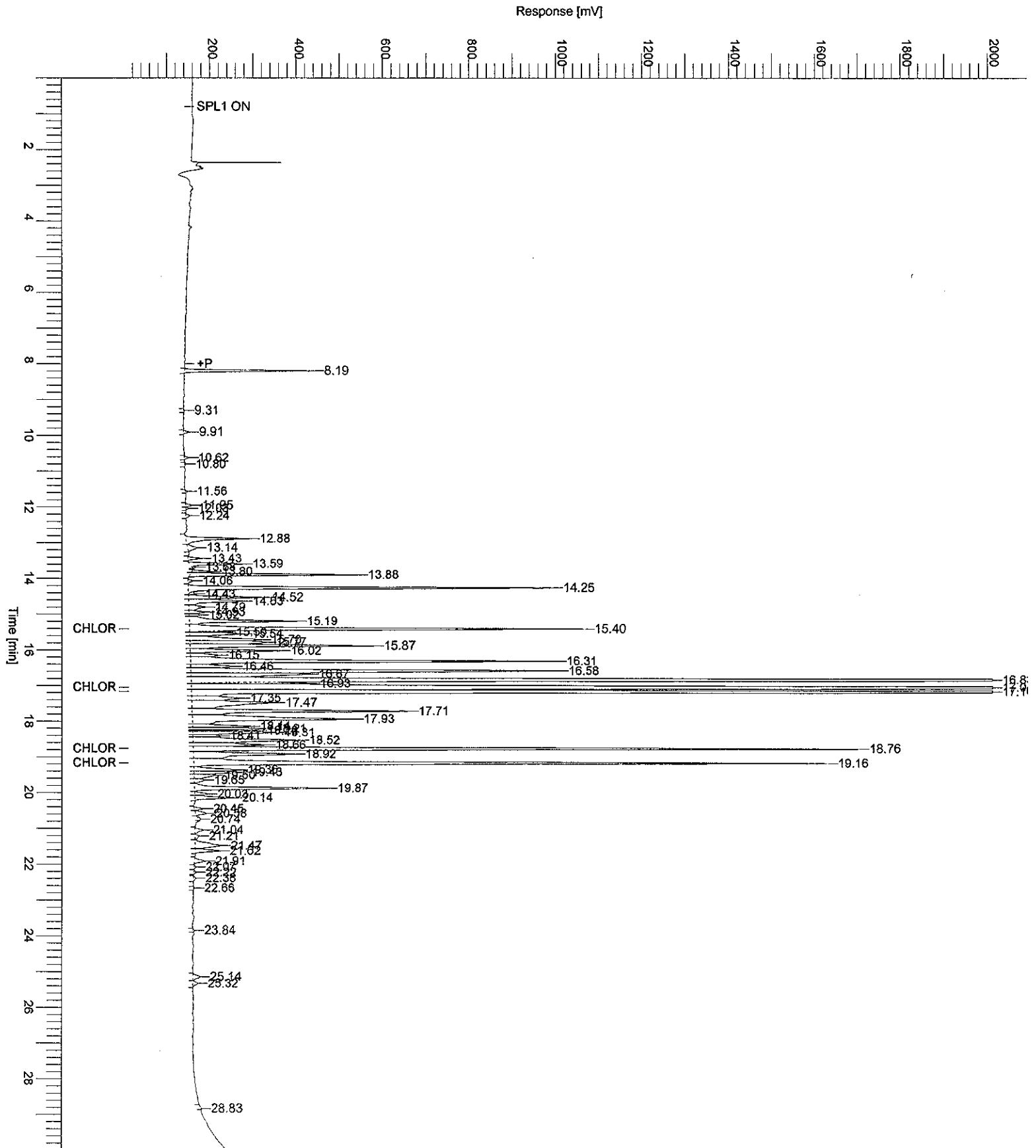
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	17.04	50434807	CHLORDANE	1.00000	0.20000
		50434807		1.00000	0.20000

Group Report For : CHLORDANE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	15.40	3551997	chlordane: A	1.00000	-----
	17.04	20820456	chlordane: B	1.00000	-----
	17.16	14614502	chlordane: C	1.00000	-----
	18.76	5638302	chlordane: D	1.00000	-----
	19.16	5809550	chlordane: E	1.00000	-----
		50434807		5.00000	0.00000

Sample Name : ICM11QF Sample # : Page 1 of 1
File Name : H:\TURBO6\6890-06\6b14164.raw
Date : 07/08/2008 08:17:01
Method : 6890-6ins Time of Injection: 07/07/2008 13:27:03
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



```

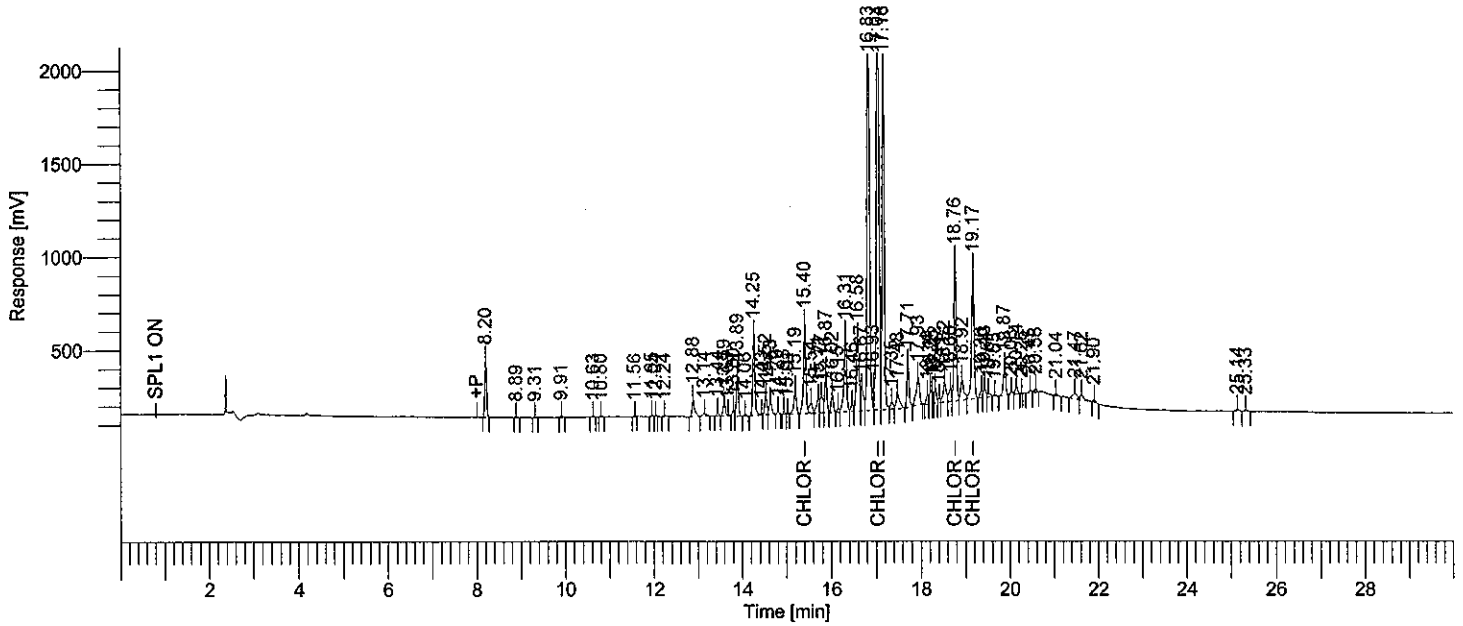
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 76458
Operator          : tchrom
Sample Number     :
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : None
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 07/07/2008 14:00:47

Date              : 07/08/2008 08:17:03
Sample Name      : ICM11QG
Study           : ICAL 0.5
Rack/Vial       : 1/65
Channel         : B
A/D mV Range    : 1000
End Time        : 29.99 min

Area Reject     : 500.000000
Dilution Factor : 1.00
Cycle           : 3
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b14165.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b14165.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b14165.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b14165.rst
Calib Method  : h:\turbo6\6890-06\6b-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6b14165.rst
Report Format File: h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-14.seq
    
```



HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	17.04	24759567	CHLORDANE	0.50000	0.10000
		24759567		0.50000	0.10000

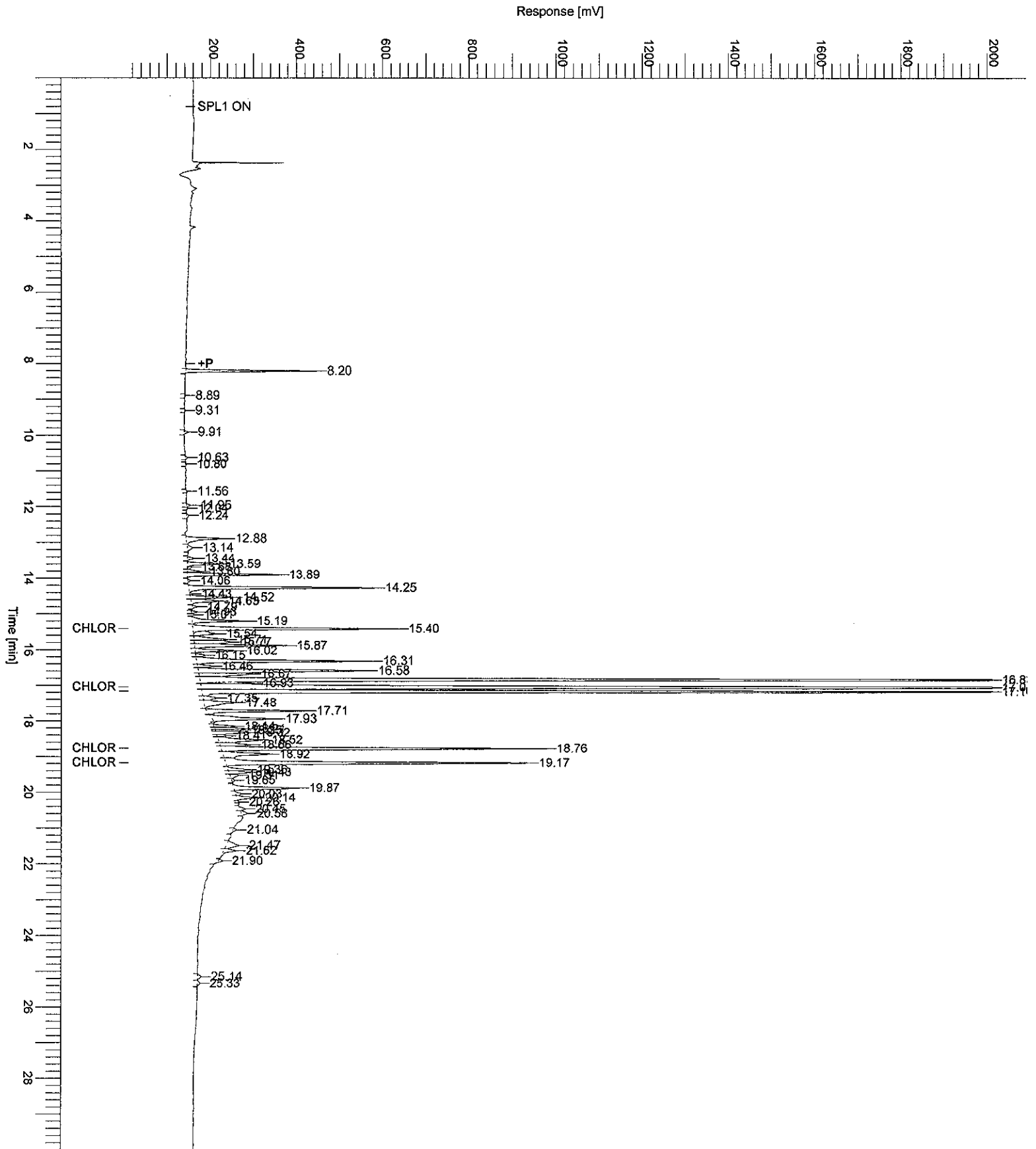
Group Report For : CHLORDANE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	15.40	1808931	chlordane: A	0.50000	-----
	17.04	10260546	chlordane: B	0.50000	-----
	17.16	7155519	chlordane: C	0.50000	-----
	18.76	2740924	chlordane: D	0.50000	-----
	19.17	2793647	chlordane: E	0.50000	-----
		24759567		2.50000	0.00000

Chromatogram

2029/4151

Sample Name : ICM11QG Sample # : Page 1 of 1
File Name : H:\TURBO6\6890-06\6b14165.raw
Date : 07/08/2008 08:17:04
Method : 6890-6ins Time of Injection: 07/07/2008 14:00:47
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



```

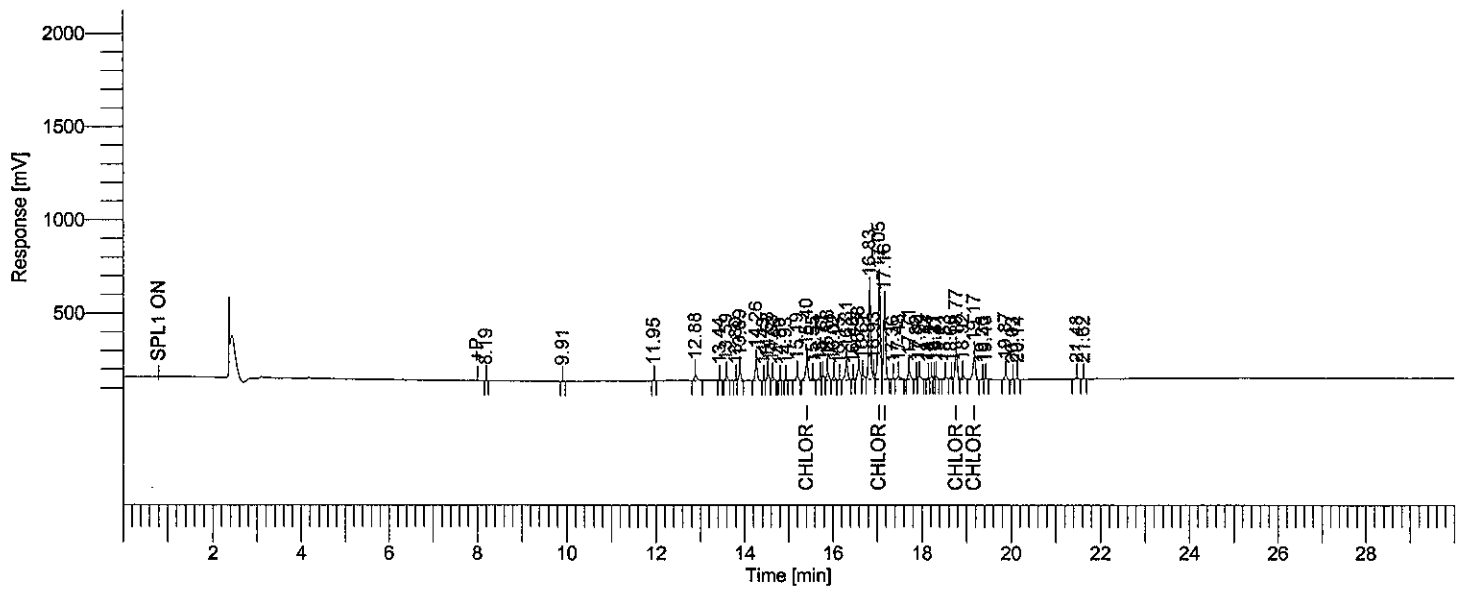
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 76459
Operator          : tchrom
Sample Number     :
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : None
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 07/07/2008 14:34:35

Date              : 07/08/2008 08:17:06
Sample Name      : ICM11QF 10X
Study            : ICAL 0.1
Rack/Vial       : 1/66
Channel         : B
A/D mV Range    : 1000
End Time        : 29.99 min

Area Reject     : 500.000000
Dilution Factor : 1.00
Cycle           : 4
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b14166.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b14166.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b14166.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b14166.rst
Calib Method  : h:\turbo6\6890-06\6b-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6b14166.rst
Report Format  : h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-14.seq
    
```



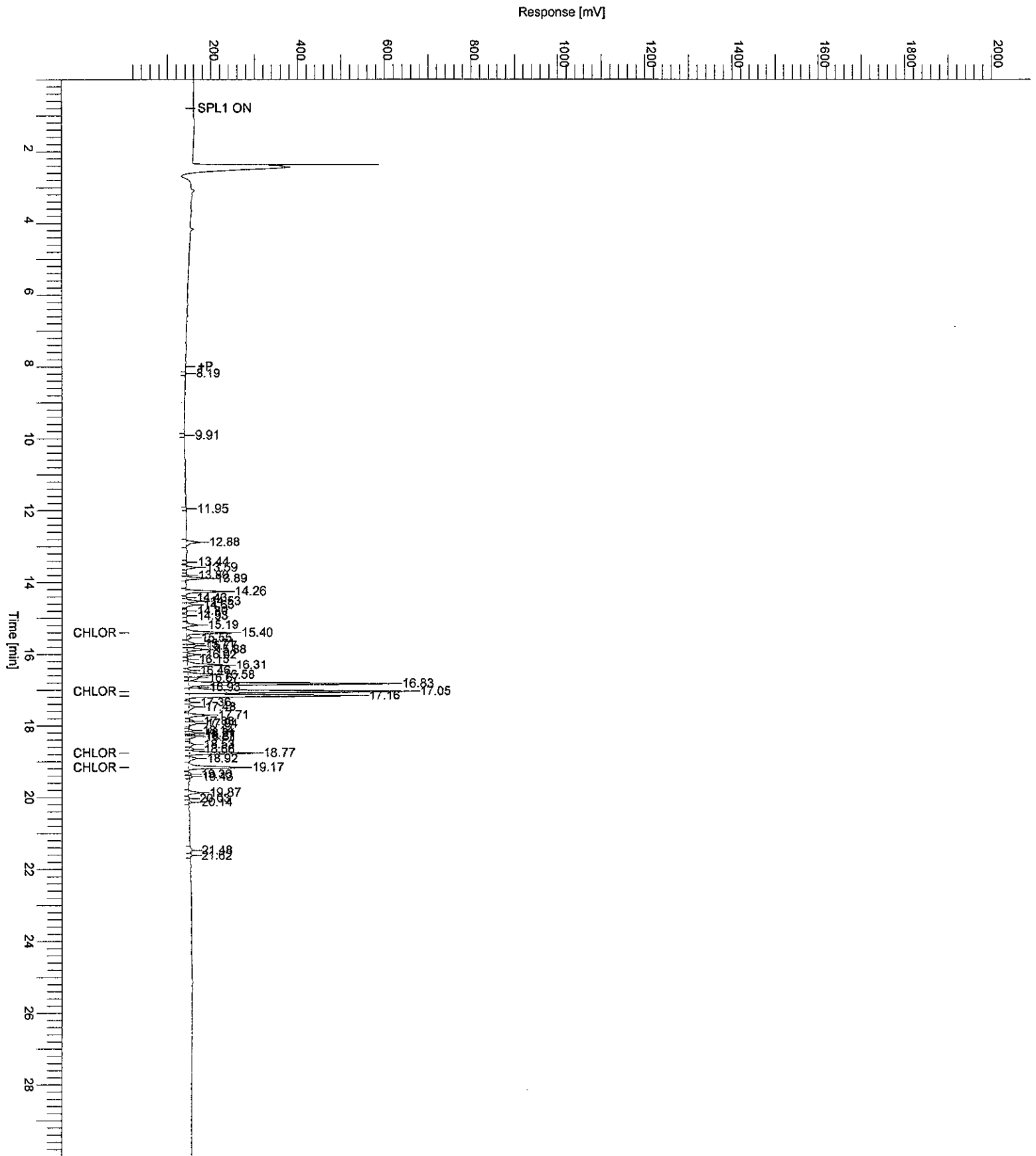
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	17.05	4732083	CHLORDANE	0.10000	0.02000
		4732083		0.10000	0.02000

Group Report For : CHLORDANE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	15.40	390591	chlordane: A	0.10000	-----
	17.05	1947690	chlordane: B	0.10000	-----
	17.16	1372661	chlordane: C	0.10000	-----
	18.77	532029	chlordane: D	0.10000	-----
	19.17	489112	chlordane: E	0.10000	-----
		4732083		0.50000	0.00000

Sample Name : ICM11QF 10X Sample # : Page 1 of 1
FileName : H:\TURBO6\6890-06\6b14166.raw
Date : 07/08/2008 08:17:06
Method : 6890-6ins Time of Injection: 07/07/2008 14:34:35
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



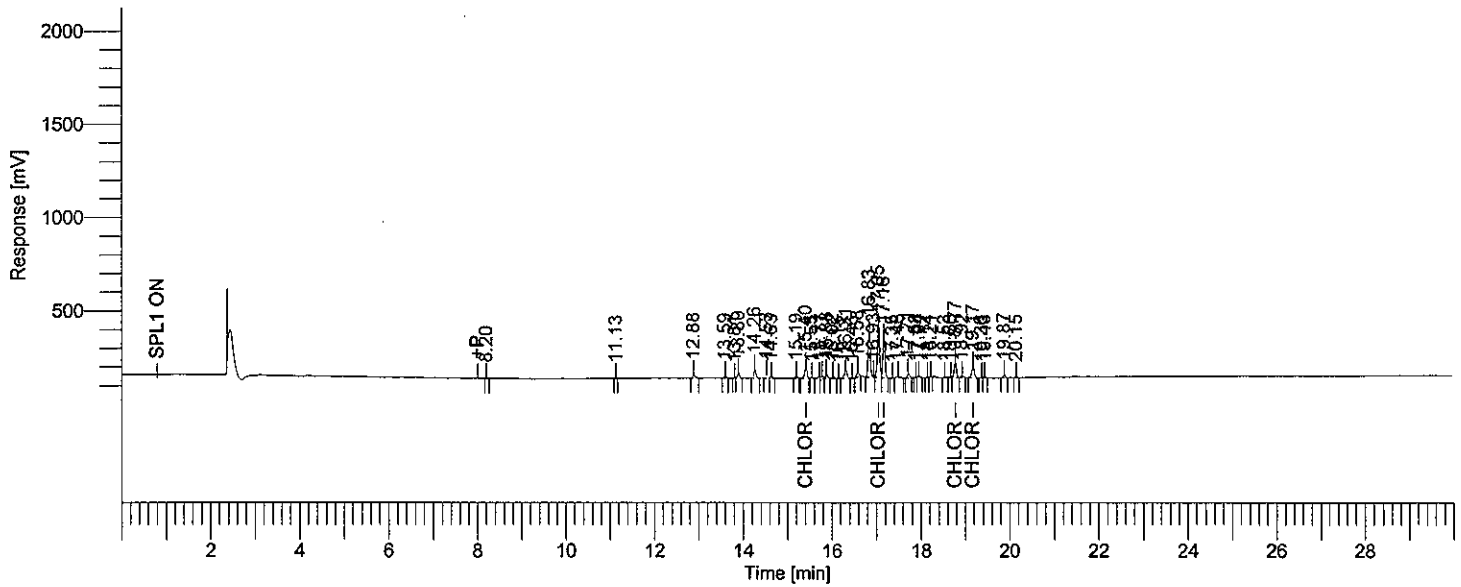
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 76460
Operator          : tchrom
Sample Number     :
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : None
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/07/2008 15:08:22

Date              : 07/08/2008 08:17:08
Sample Name       : ICM11QG 10X
Study             : ICAL 0.05
Rack/Vial        : 1/67
Channel          : B
A/D mV Range     : 1000
End Time         : 29.94 min
Area Reject      : 500.000000
Dilution Factor  : 1.00
Cycle            : 5
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b14167.raw <Modified>
Result File : H:\TURBO6\6890-06\6b14167.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b14167.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b14167.rst
Calib Method : h:\turbo6\6890-06\6b-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6b14167.rst
Report Format File: h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-14.seq
    
```



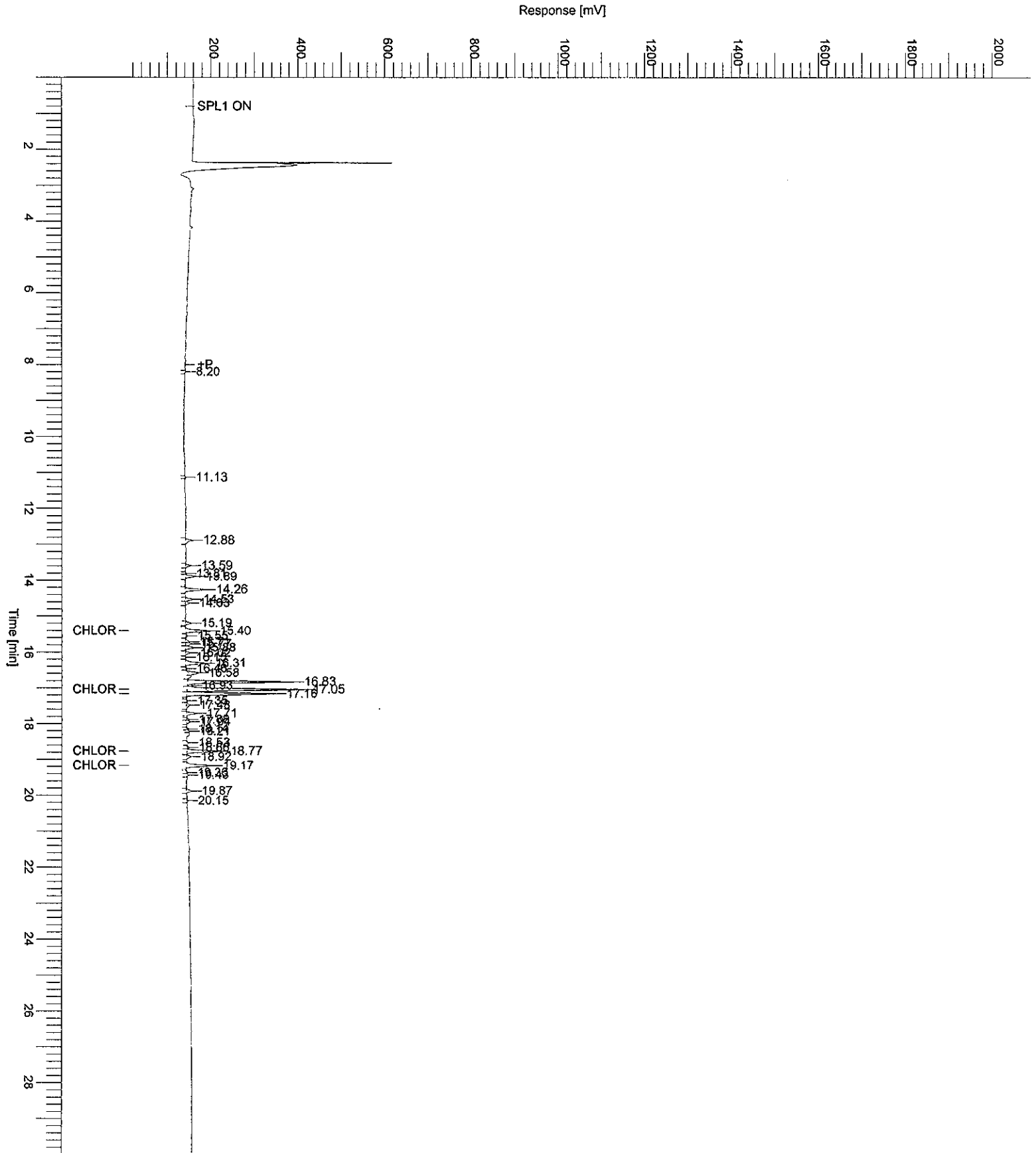
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	17.05	2435349	CHLORDANE	0.05000	0.01000
		2435349		0.05000	0.01000

Group Report For : CHLORDANE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	15.40	197971	chlordane: A	0.05000	-----
	17.05	1007488	chlordane: B	0.05000	-----
	17.16	716731	chlordane: C	0.05000	-----
	18.77	276381	chlordane: D	0.05000	-----
	19.17	236778	chlordane: E	0.05000	-----
		2435349		0.25000	0.00000

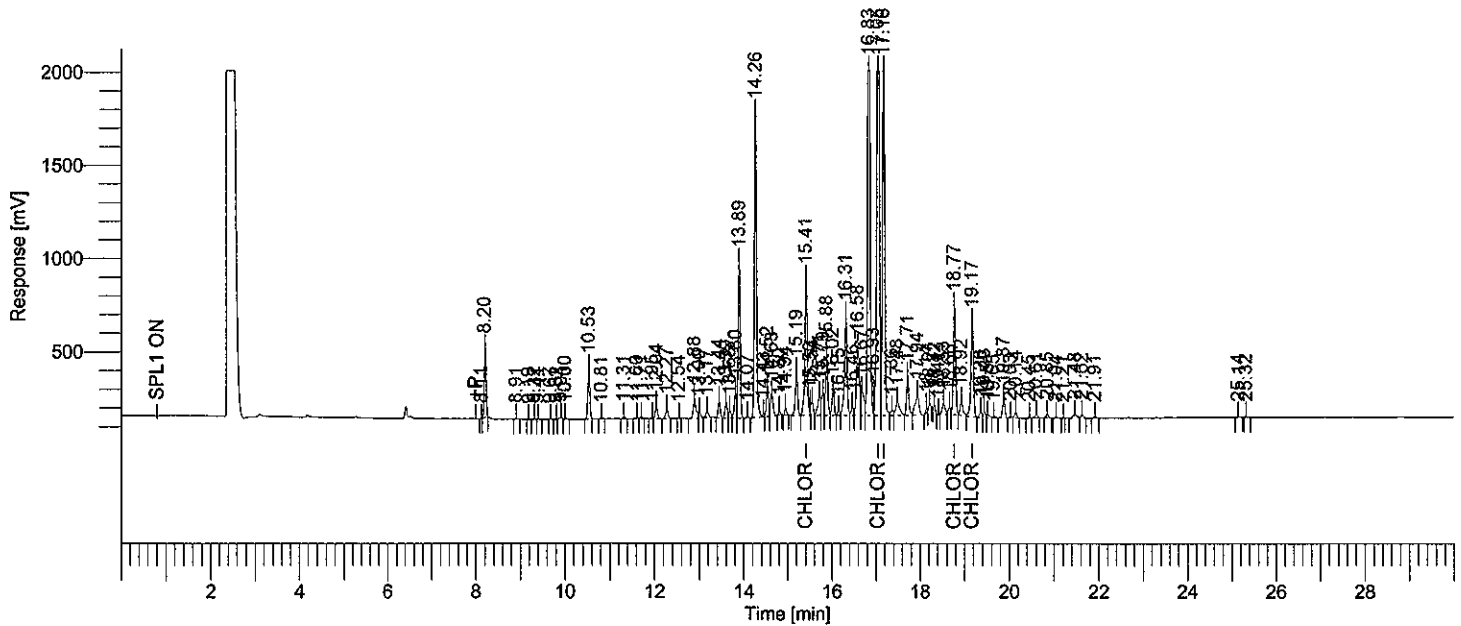
Sample Name : ICM11QG 1OX Sample #: Page 1 of 1
FileName : H:\TURBO6\6890-06\6b14167.raw
Date : 07/08/2008 08:17:09
Method : 6890-6ins Time of Injection: 07/07/2008 15:08:22
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76461
 Operator : tchrom
 Sample Number :
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/07/2008 15:42:15

Date : 07/08/2008 08:21:20
 Sample Name : ACM11KB
 Study : 2nd Source
 Rack/Vial : 1/68
 Channel : B
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6b14168.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b14168.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b14168.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b14168.rst
 Calib Method : h:\turbo6\6890-06\6b-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6b14168.rst
 Report Format File : h:\turbo6\6890-06\06pcb%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-14.seq



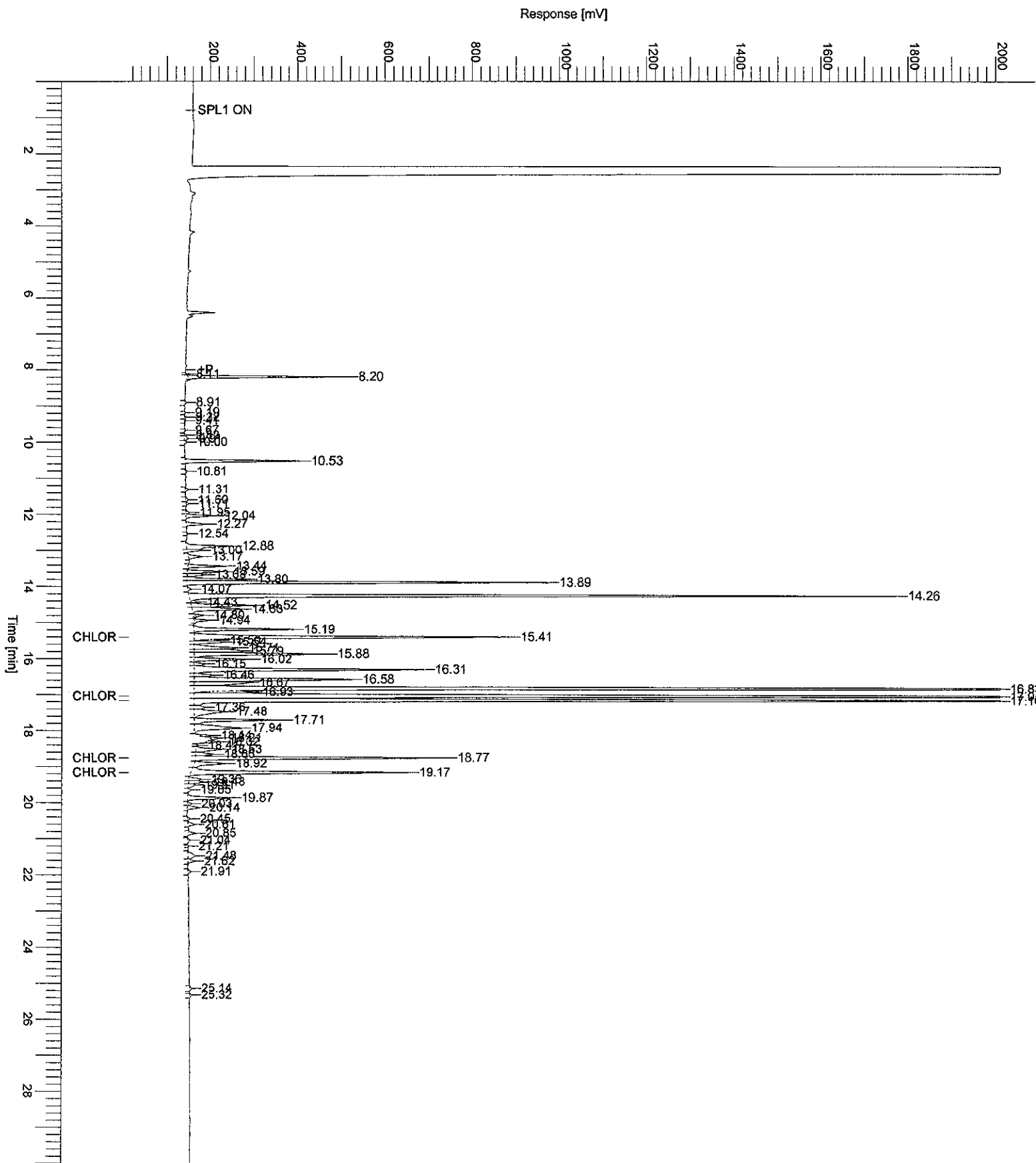
HP6890-06 "A" RTXCLP I/"B"RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
17.05	24488313	CHLORDANE	0.50232	0.5	5
	24488313		0.50232	0.5	

Group Report For : CHLORDANE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
15.41	2725377	chlordane: A	0.81149	62.3	0
17.05	10447204	chlordane: B	0.51580	3.2	0
17.16	7269409	chlordane: C	0.51773	3.5	0
18.77	2058795	chlordane: D	0.37774	-24.5	0
19.17	1987528	chlordane: E	0.35690	-28.6	0
	24488313		2.57966	15.9	

Sample Name : ACM11KB
File Name : H:\TURBO6\6890-06\6b14168.raw
Date : 07/08/2008 08:21:21
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # :
Page 1 of 1
Time of Injection : 07/07/2008 15:42:15
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Scale : 2000.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6A-Toxaphene(03-24-08).mth

Printed by : BescoD on: 03/25/2008 08:10:55
 Created by : BescoD on: 03/24/2008 14:09:40
 Edited by : BescoD on: 03/25/2008 08:10:51
 Number of Times Edited : 10
 Number of Times Calibrated : 688
 Description: TOXAPHENE CURVE 03-24-08

Processed by: JLB 3 12 5 08Reviewed by: Mhr 3 28 108**Global Sample Information**

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

Toxaphene-a

Component Type : Single Peak Component
 Retention Time : 17.150 min
 Search Window : 10.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	34777.07	8351.67	-----	-----	1
b	0.1000	80247.86	15720.99	-----	-----	1
c	0.5000	500089.43	93906.27	-----	-----	1
d	1.0000	1110124.17	206717.10	-----	-----	1
e	1.5000	1789059.85	321104.58	-----	-----	1

Calibration Curve : $y = (-55578.817735) + (1203870.624066)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997184

Toxaphene-b

Component Type : Single Peak Component
 Retention Time : 17.518 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

03/25/2008 08:10:55 Method: H:\TURBO6\6890-06\6A-Toxaphene(03-24-08).mth

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	47822.88	8873.88	-----	-----	1
b	0.1000	69869.51	14459.57	-----	-----	1
c	0.5000	719240.76	111856.09	-----	-----	1
d	1.0000	1448910.46	225229.45	-----	-----	1
e	1.5000	2244158.73	339143.33	-----	-----	1

Calibration Curve : $y = (-54768.314786) + (1525029.815721)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.999385

TOXAPHENE

Component Type : Named Group

Group Members

Toxaphene-a

Toxaphene-b

Toxaphene-c

Calibrating Area versus Amount using a 1st Order Fit

Curve will ignore the origin

Amounts will not be scaled prior to the regression

Weighting factor for the regression: 1

Component standard purity percentage : 100.0000%

User Values

Label :

Value 1 : 0.500000

Value 2 : 3.000000

Value 3 : 0.000000

Value 4 : 0.000000

Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	137060.39	29266.99	-----	-----	1
B	0.1000	267683.26	55642.20	-----	-----	1
C	0.5000	2541097.13	431688.19	-----	-----	1
D	1.0000	5370397.92	898836.12	-----	-----	1
E	1.5000	8299572.52	1.37e+06	-----	-----	1

Calibration Curve : $y = (-245724.074622) + (5664898.913788)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.999603

Toxaphene-c

Component Type : Single Peak Component

Retention Time : 19.608 min

Search Window : 5.00 s, 0.00 %

Reference Component :

Find peak closest to expected RT in window

Calibrating Area versus Amount using a 1st Order Fit

Curve will ignore the origin

Amounts will not be scaled prior to the regression

Weighting factor for the regression: 1

Component standard purity percentage : 100.0000%

User Values

Label :

Value 1 : 0.500000

Value 2 : 0.000000

Value 3 : 0.000000

Value 4 : 0.000000

Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	54460.43	12041.45	-----	-----	1
b	0.1000	117565.89	25461.64	-----	-----	1
C	0.5000	1321766.94	225925.83	-----	-----	1
D	1.0000	2811363.29	466889.57	-----	-----	1
E	1.5000	4266353.93	708537.89	-----	-----	1

Calibration Curve : $y = (-135376.942101) + (2935998.474001)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.999716

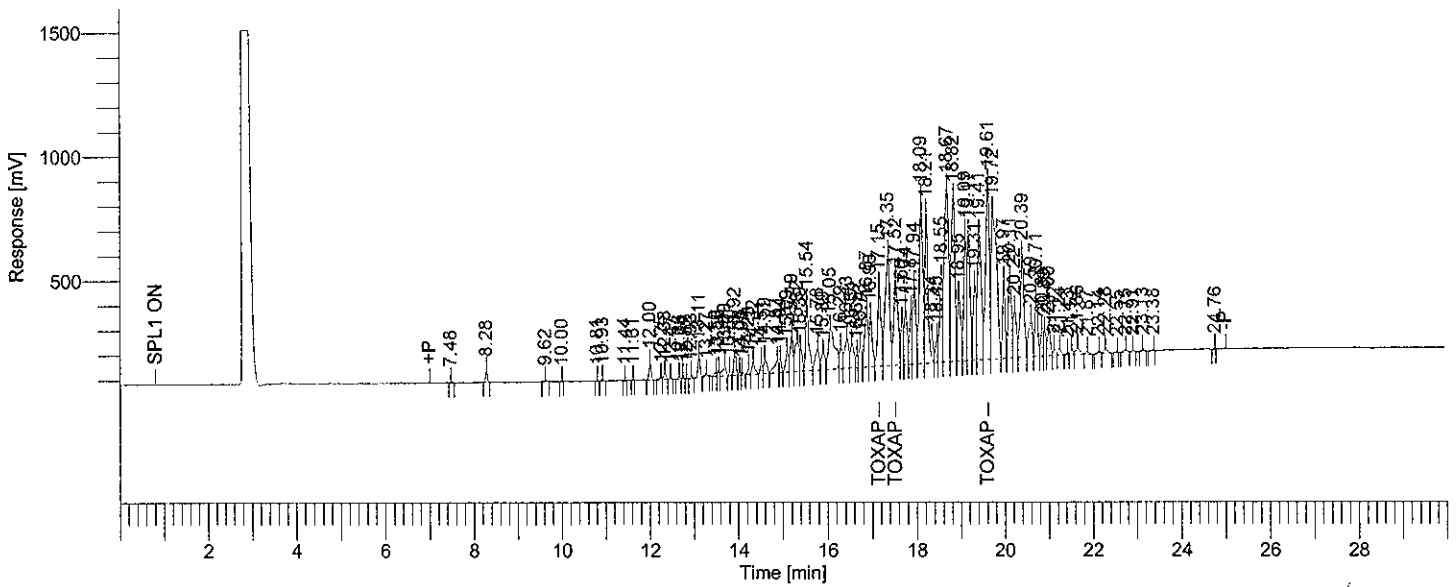
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 68021
Operator          : tchrom
Sample Number     :
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : CN10520010
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 03/25/2008 01:35:40

Date              : 03/25/2008 08:09:42
Sample Name      : ICM14QE
Study           : ICAL 1.5
Rack/Vial       : 1/63
Channel        : A
A/D mV Range    : 1000
End Time       : 29.96 min
Area Reject    : 500.000000
Dilution Factor : 1.00
Cycle          : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a06163.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a06163.rst
Inst Method  : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a06163.raw
Proc Method  : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a06163.rst
Calib Method : h:\turbo6\6890-06\6a-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6a06163.rst
Report Format File: h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



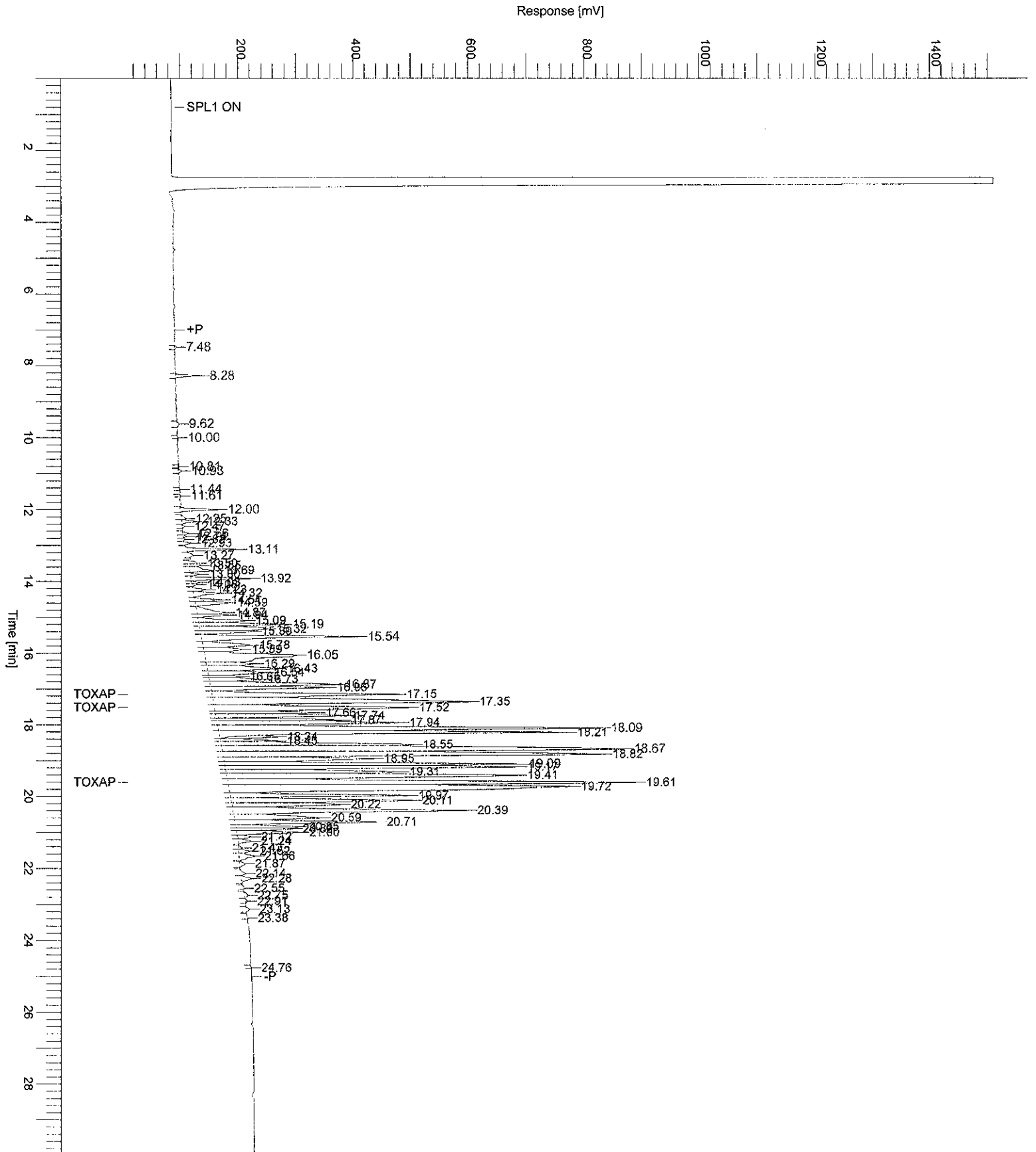
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	19.61	8299573	TOXAPHENE	1.50000	0.50000
		8299573		1.50000	0.50000

Group Report For : TOXAPHENE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	17.15	1789060	Toxaphene-a	1.50000	-----
	17.52	2244159	Toxaphene-b	1.50000	-----
	19.61	4266354	Toxaphene-c	1.50000	-----
		8299573		4.50000	0.00000

Sample Name : ICM14QE
File Name : H:\TURBO6\6890-06\6a06163.raw
Date : 03/25/2008 08:09:42
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # :
Page 1 of 1
Time of Injection : 03/25/2008 01:35:40
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1510.00 mV
Plot Scale : 1500.0 mV



```

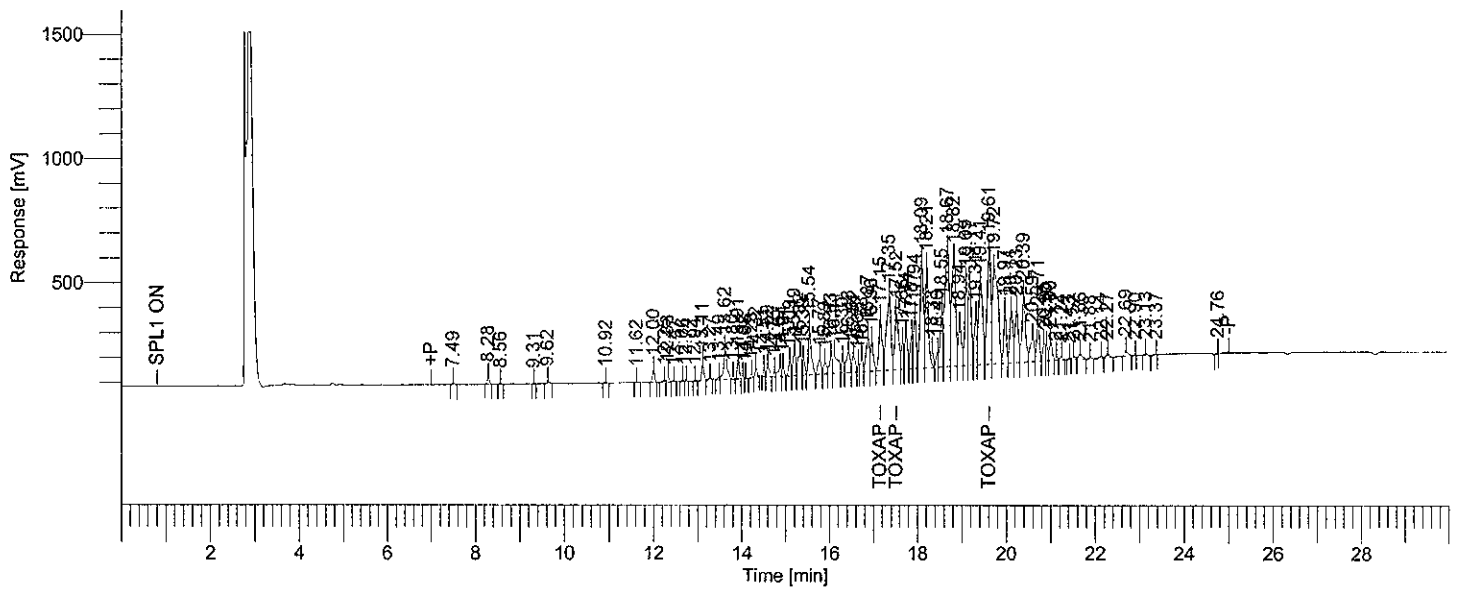
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 68022
Operator          : tchrom
Sample Number     :
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : CN10520010
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 03/25/2008 02:09:32

Date              : 03/25/2008 08:09:44
Sample Name      : ICM14QB
Study           : ICAL 1.0
Rack/Vial       : 1/64
Channel         : A
A/D mV Range    : 1000
End Time        : 29.95 min

Area Reject     : 500.000000
Dilution Factor : 1.00
Cycle           : 2
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a06164.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a06164.rst
Inst Method  : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a06164.raw
Proc Method  : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a06164.rst
Calib Method : h:\turbo6\6890-06\6a-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6a06164.rst
Report Format File: h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



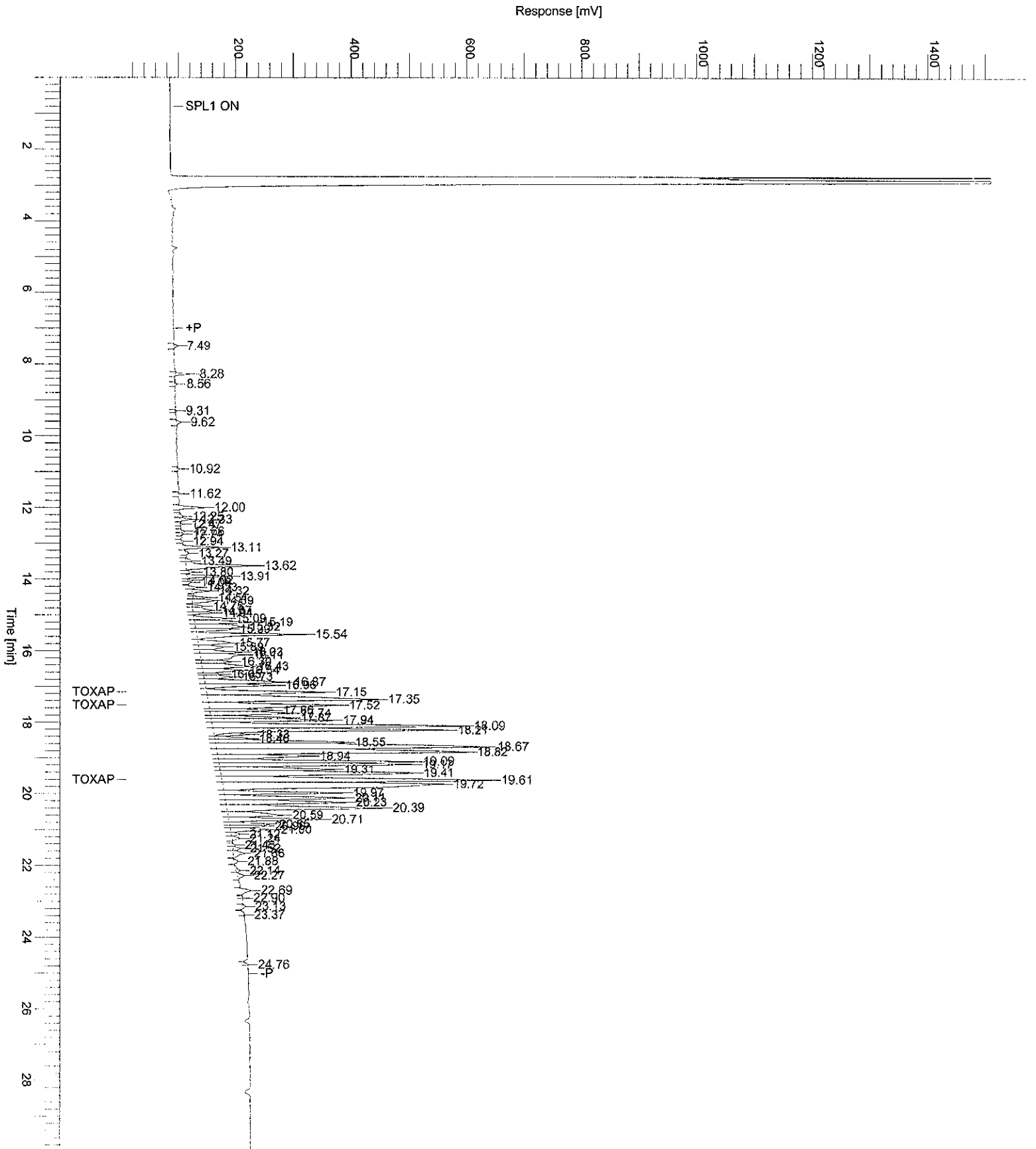
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	19.61	5370398	TOXAPHENE	1.00000	0.33333
		5370398		1.00000	0.33333

Group Report For : TOXAPHENE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	17.15	1110124	Toxaphene-a	1.00000	-----
	17.52	1448910	Toxaphene-b	1.00000	-----
	19.61	2811363	Toxaphene-c	1.00000	-----
		5370398		3.00000	0.00000

Sample Name : ICM14QB
File Name : H:\TURBO\0616890-0616a06164.raw
Date : 03/25/2008 08:09:44
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # :
Page 1 of 1
Time of Injection : 03/25/2008 02:09:32
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1510.00 mV
Plot Scale : 1500.0 mV



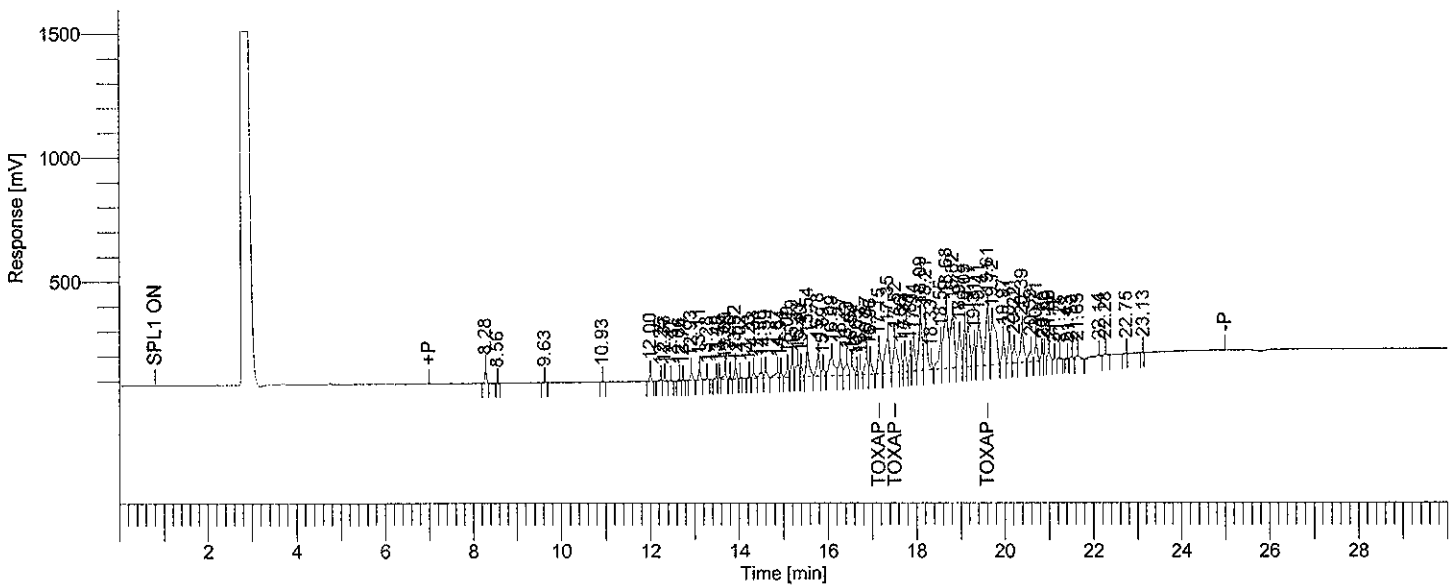
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 68023
Operator          : tchrom
Sample Number     :
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : CN10520010
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 03/25/2008 02:43:18

Date              : 03/25/2008 08:09:46
Sample Name      : ICM14QD
Study           : ICAL 0.5
Rack/Vial       : 1/65
Channel         : A
A/D mV Range    : 1000
End Time        : 29.99 min
Area Reject     : 500.000000
Dilution Factor : 1.00
Cycle           : 3
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a06165.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a06165.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a06165.raw
Proc Method   : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a06165.rst
Calib Method  : h:\turbo6\6890-06\6a-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6a06165.rst
Report Format  : h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



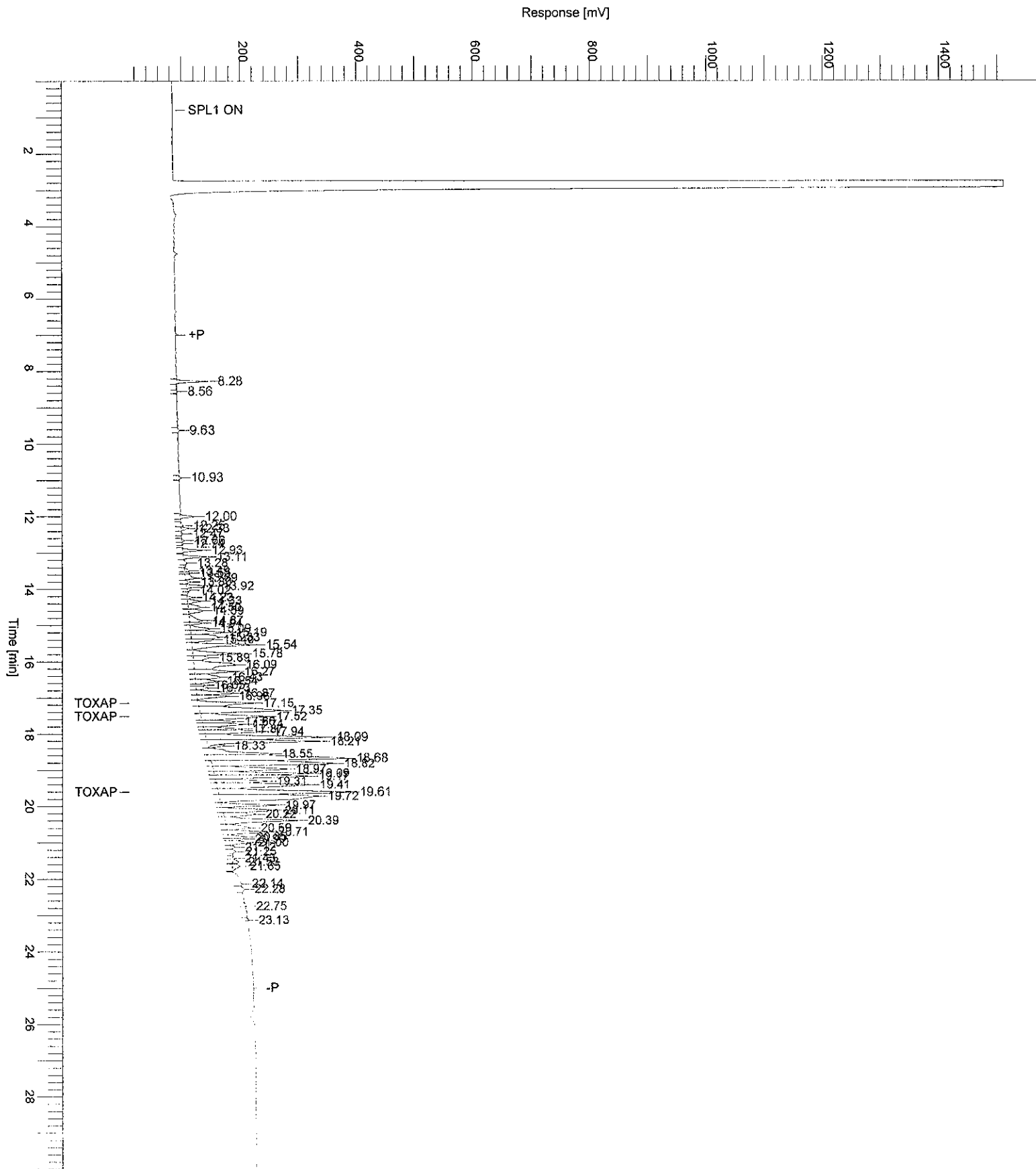
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	19.61	2541097	TOXAPHENE	0.50000	0.16667
		2541097		0.50000	0.16667

Group Report For : TOXAPHENE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	17.15	500089	Toxaphene-a	0.50000	-----
	17.52	719241	Toxaphene-b	0.50000	-----
	19.61	1321767	Toxaphene-c	0.50000	-----
		2541097		1.50000	0.00000

Sample Name : ICM14QD
File Name : HATURBO6\6890-06\6a06165.raw
Date : 03/25/2008 08:09:46
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # :
Page 1 of 1
Time of Injection : 03/25/2008 02:43:18
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1510.00 mV
Plot Scale : 1500.0 mV



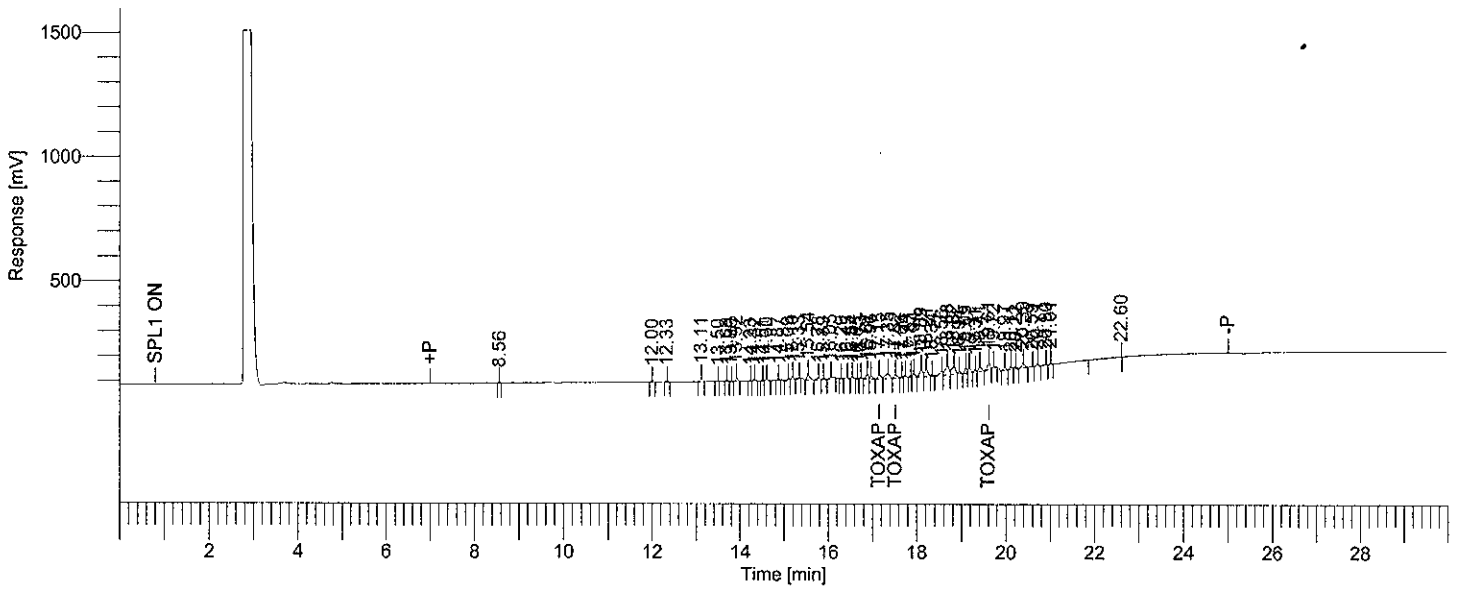
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 68024
Operator          : tchrom
Sample Number     :
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : CN10520010
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 03/25/2008 03:17:08

Date              : 03/25/2008 08:09:48
Sample Name      : ICM14QB
Study           : ICAL 0.1
Rack/Vial       : 1/66
Channel         : A
A/D mV Range    : 1000
End Time        : 29.95 min
Area Reject     : 500.000000
Dilution Factor : 1.00
Cycle           : 4
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a06166.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a06166.rst
Inst Method  : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a06166.raw
Proc Method  : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a06166.rst
Calib Method : h:\turbo6\6890-06\6a-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6a06166.rst
Report Format File: h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



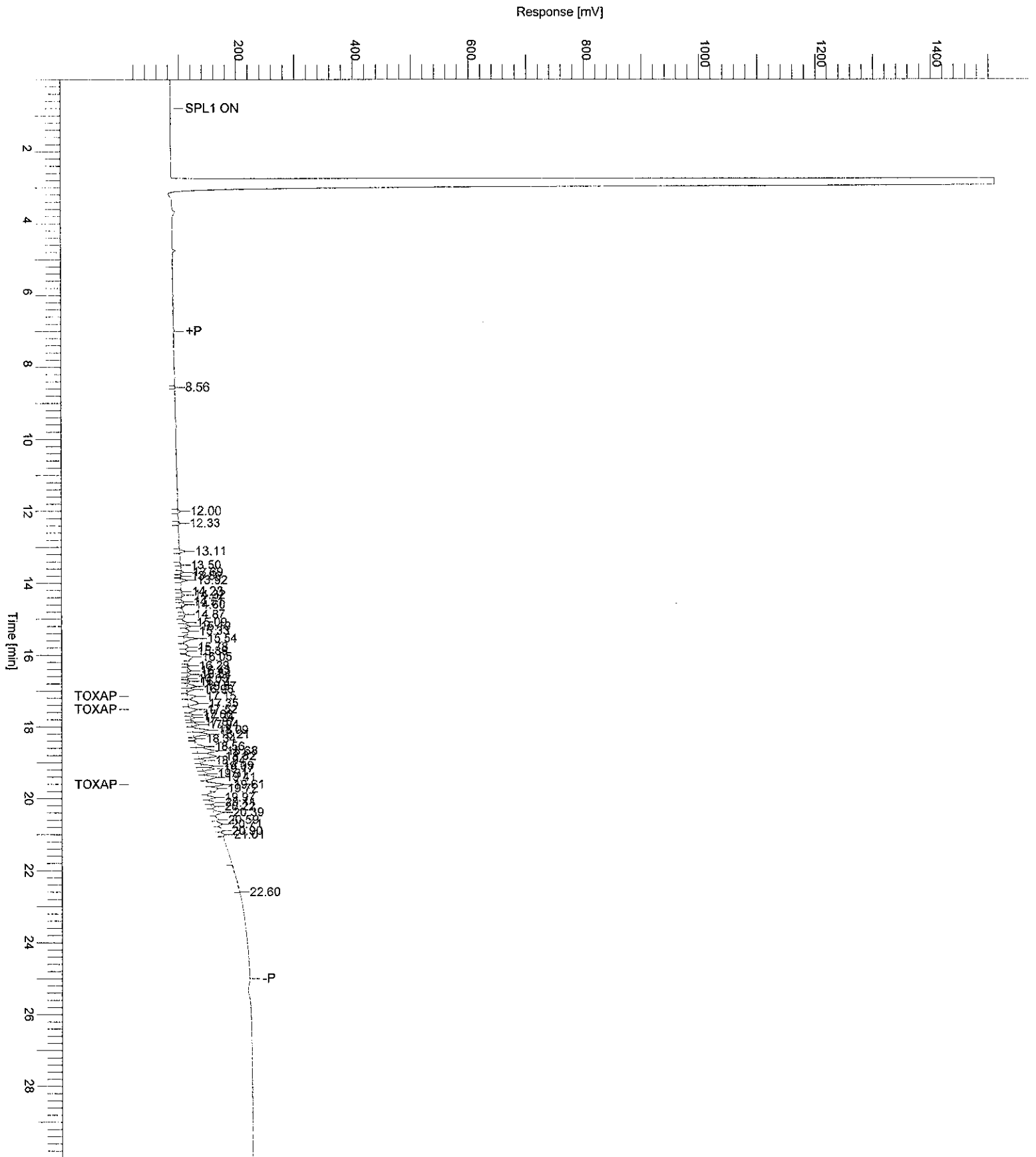
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	19.61	267683	TOXAPHENE	0.10000	0.03333
		267683		0.10000	0.03333

Group Report For : TOXAPHENE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	17.15	80248	Toxaphene-a	0.10000	-----
	17.52	69870	Toxaphene-b	0.10000	-----
	19.61	117566	Toxaphene-c	0.10000	-----
		267683		0.30000	0.00000

Sample Name : ICM14QB
File Name : H:\TURBO\616890-06\6a06166.raw
Date : 03/25/2008 08:09:48
Method : 6890-6ins
Time of Injection: 03/25/2008 03:17:08
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1510.00 mV
Plot Offset: 10.00 mV
Plot Scale: 1500.0 mV



```

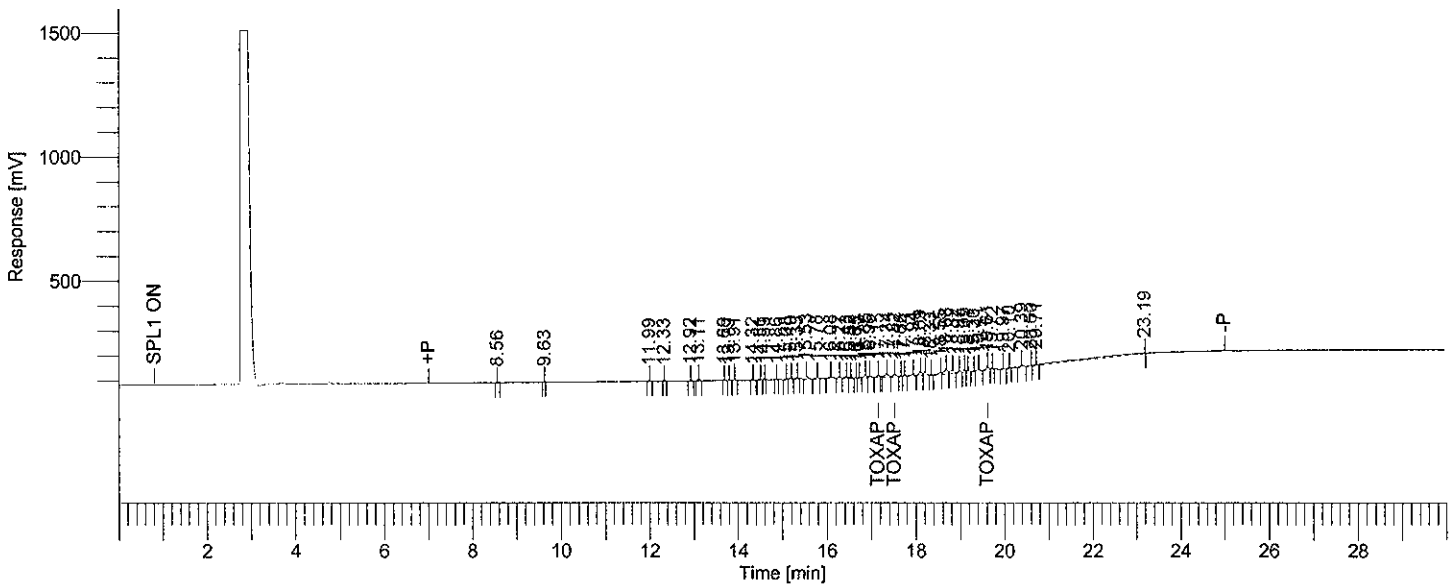
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf1938: 68025
Operator : tchrom
Sample Number :
AutoSampler : BUILT-IN
Instrument Name : HP6890-06
Instrument Serial # : CN10520010
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 03/25/2008 03:50:53

Date : 03/25/2008 08:09:50
Sample Name : ICM14QD 10A
Study : ICAL 0.05
Rack/Vial : 1/67
Channel : A
A/D mV Range : 1000
End Time : 29.95 min

Area Reject : 500.000000
Dilution Factor : 1.00
Cycle : 5
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a06167.raw <Modified>
Result File : H:\TURBO6\6890-06\6a06167.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a06167.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a06167.rst
Calib Method : h:\turbo6\6890-06\6a-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6a06167.rst
Report Format File: h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



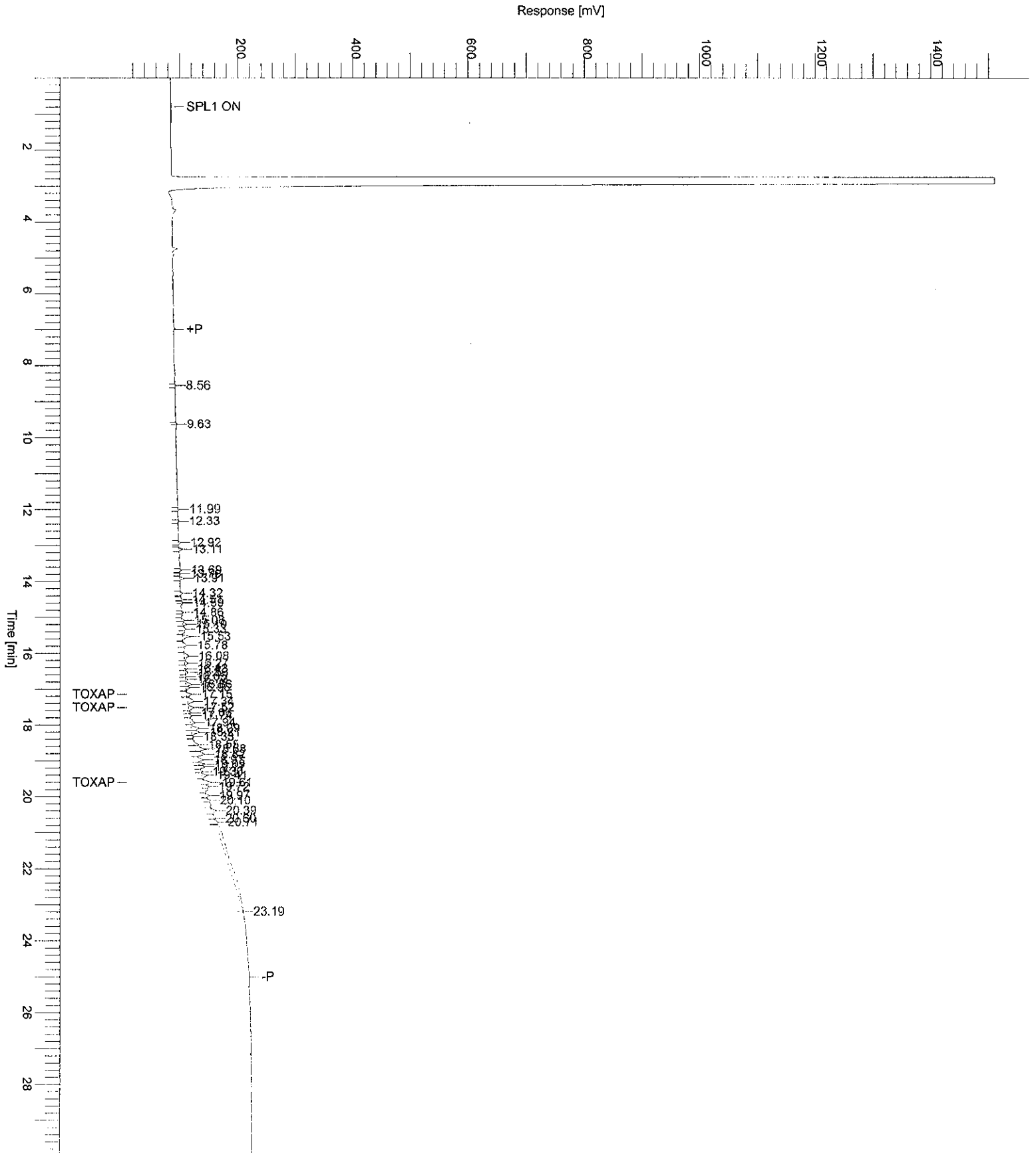
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	19.61	137060	TOXAPHENE	0.05000	0.01667
		137060		0.05000	0.01667

Group Report For : TOXAPHENE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	17.15	34777	Toxaphene-a	0.05000	-----
	17.52	47823	Toxaphene-b	0.05000	-----
	19.61	54460	Toxaphene-c	0.05000	-----
		137060		0.15000	0.00000

Sample Name : ICM14QD
File Name : H:\TUR808\6890-06\6a06167.raw
Date : 03/25/2008 08:09:50
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # :
Page 1 of 1
Time of Injection: 03/25/2008 03:50:53
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1510.00 mV
Plot Scale : 1500.0 mV

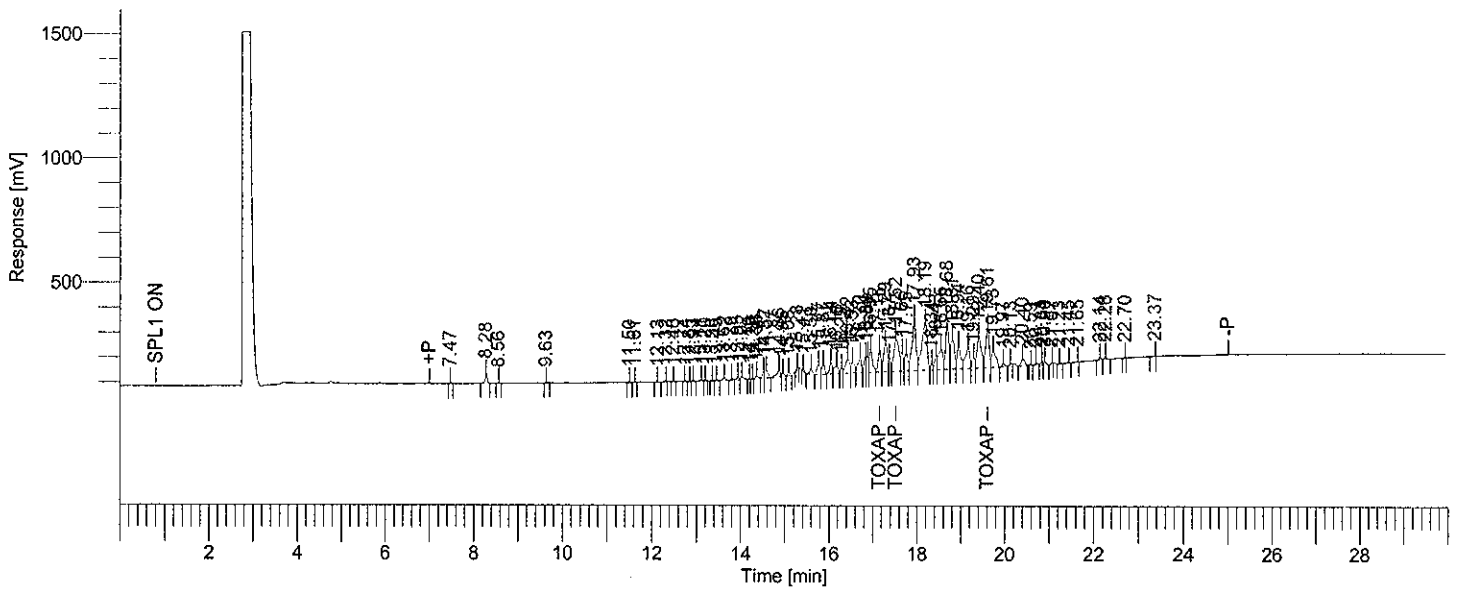


```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 68026
Operator          : tchrom
Sample Name       : ACM14LA
Study            : 2nd SOURCE
Rack/Vial        : 1/68
Channel          : A
A/D mV Range     : 1000
End Time         : 29.94 min
Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a06168.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a06168.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a06168.raw
Proc Method   : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a06168.rst
Calib Method  : h:\turbo6\6890-06\6a-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6a06168.rst
Report Format  : h:\turbo6\6890-06\06pcb%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



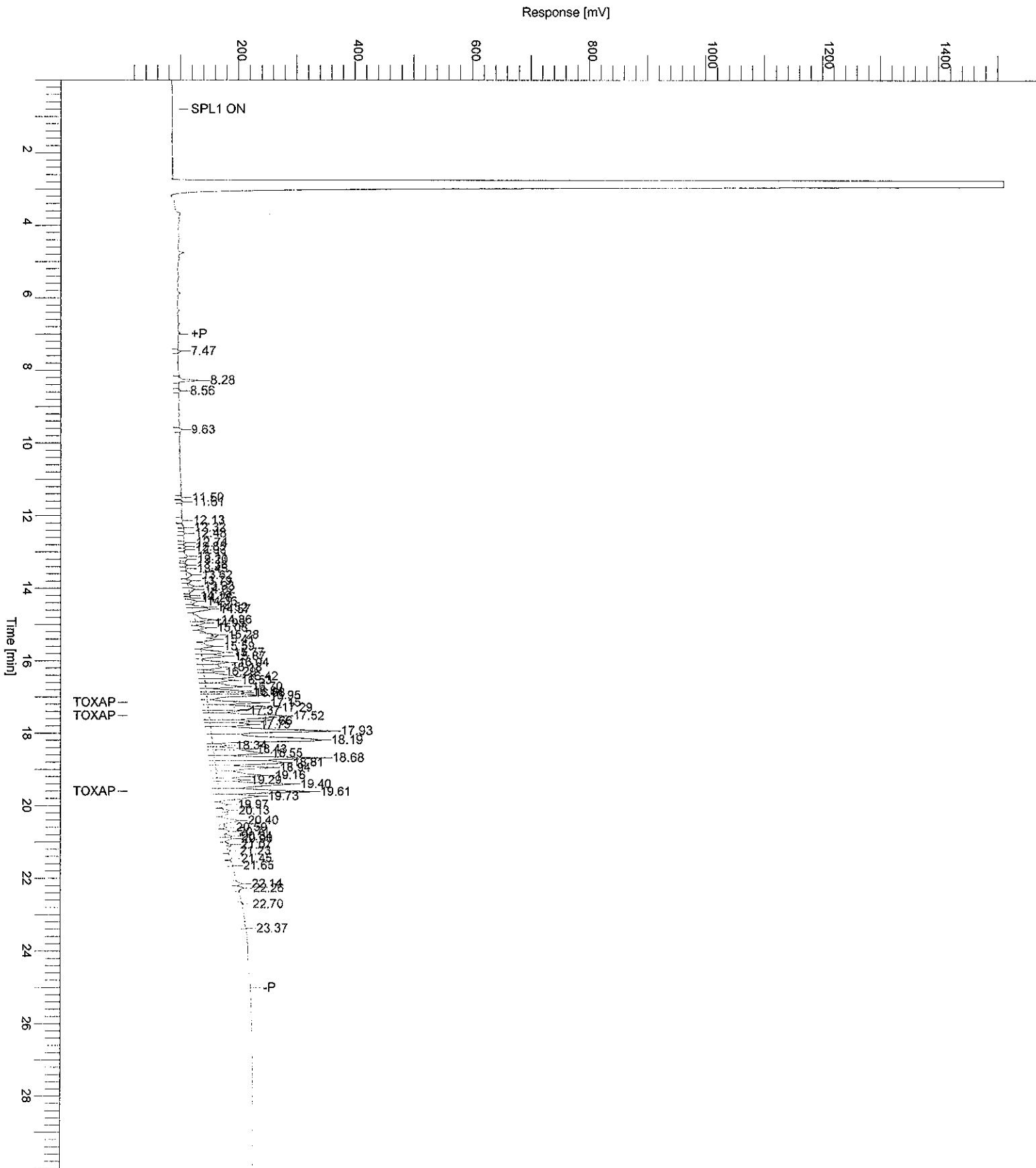
HP6890-06 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
19.61	2342597	TOXAPHENE	0.45691	-8.6	3
	2342597		0.45691	-8.6	

Group Report For : TOXAPHENE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
17.15	416754	Toxaphene-a	0.39235	-21.5	0
17.52	1011726	Toxaphene-b	0.69933	39.9	0
19.61	914117	Toxaphene-c	0.35746	-28.5	0
	2342597		1.44913	-10.2	

Sample Name : ACM14LA
File Name : H:\TURBO6\6890-06\6a06168.raw
Date : 03/25/2008 08:14:30
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # :
Time of Injection : 03/25/2008 04:24:44
End Time : 30.00 min
Plot Scale : 1500.0 mV
Low Point : 10.00 mV
High Point : 1510.00 mV



TotalChrom Method File H:\TURBO6\6890-06\6B-Toxaphene(03-24-08).mth

Printed by : BescoD on: 03/25/2008 07:34:27
 Created by : BescoD on: 03/24/2008 14:10:38
 Edited by : BescoD on: 03/25/2008 07:34:20
 Number of Times Edited : 4
 Number of Times Calibrated : 668
 Description: TOXAPHENE CURVE 03-24-08

Processed by: QJB 3 125 08
 Reviewed by: MAN 3 25 08

Global Sample Information

Default Sample Volume : 1.000 ul
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

Toxaphene-a
 Component Type : Single Peak Component
 Retention Time : 18.799 min
 Search Window : 10.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	69060.00	12025.47	-----	-----	1
b	0.1000	130674.80	22154.26	-----	-----	1
c	0.5000	626452.42	107674.66	-----	-----	1
d	1.0000	1191277.84	205878.98	-----	-----	1
e	1.5000	1683378.77	292278.63	-----	-----	1

Calibration Curve : $y = (33248.952927) + (1122094.940740)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997902

TOXAPHENE

Component Type : Named Group
 Group Members
 Toxaphene-a
 Toxaphene-b
 Toxaphene-c
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 3.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

03/25/2008 07:34:27 Method: H:\TURBO6\6890-06\6B-Toxaphene(03-24-08).mth

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	227407.22	46353.12	-----	-----	1
B	0.1000	491603.65	95302.44	-----	-----	1
C	0.5000	3161151.38	587116.01	-----	-----	1
D	1.0000	7128160.73	1.24e+06	-----	-----	1
E	1.5000	10536860.61	1.85e+06	-----	-----	1

Calibration Curve : $y = (-226753.999490) + (7199667.804858)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999001

Toxaphene-b

Component Type : Single Peak Component
 Retention Time : 20.200 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	104764.10	22948.99	-----	-----	1
b	0.1000	246267.31	49280.46	-----	-----	1
c	0.5000	1590567.48	305885.75	-----	-----	1
d	1.0000	3368434.75	617803.05	-----	-----	1
e	1.5000	5037049.48	932857.29	-----	-----	1

Calibration Curve : $y = (-87135.748448) + (3423099.007496)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999843

Toxaphene-c

Component Type : Single Peak Component
 Retention Time : 21.985 min
 Search Window : 5.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will ignore the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0500	53583.12	11378.66	-----	-----	1
b	0.1000	114661.53	23867.71	-----	-----	1
C	0.5000	944131.48	173555.61	-----	-----	1
D	1.0000	2568448.14	418772.81	-----	-----	1
E	1.5000	3816432.36	626064.28	-----	-----	1

Calibration Curve : $y = (-172867.203968) + (2654473.856622)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.994360

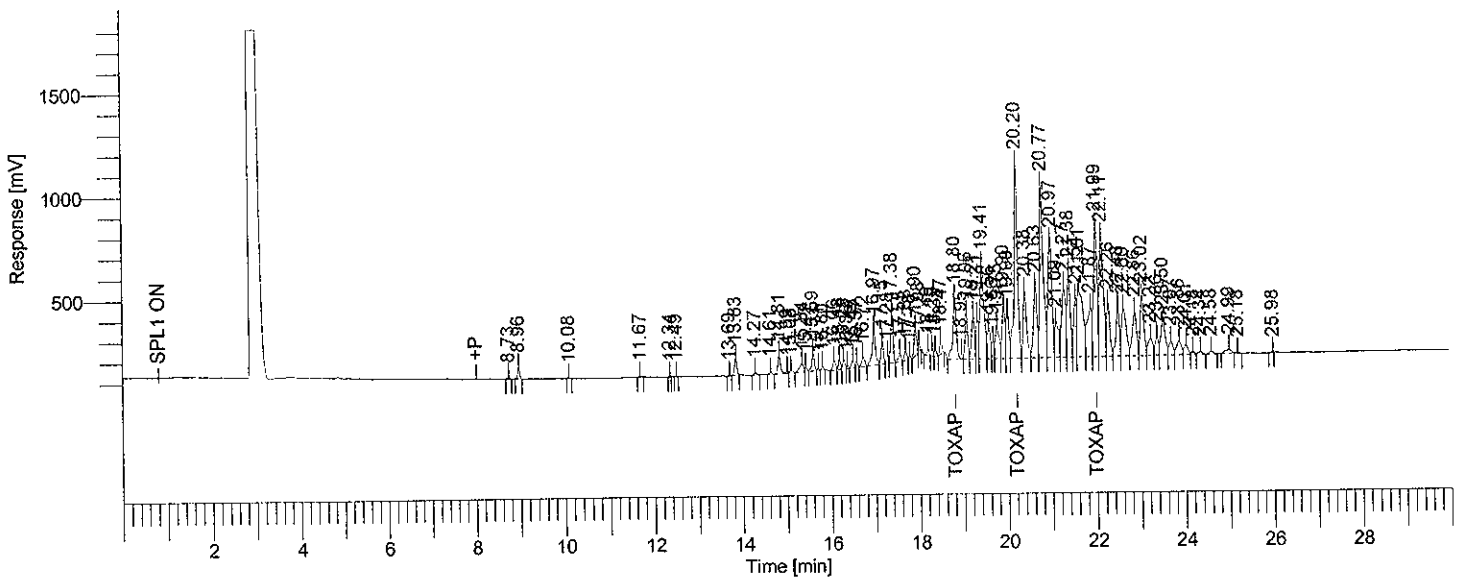
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 67993
Operator          : tchrom
Sample Number     :
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : CN10520010
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 03/25/2008 01:35:40

Date              : 03/25/2008 07:29:40
Sample Name      : ICM14QE
Study           : ICAL 1.5
Rack/Vial       : 1/63
Channel         : B
A/D mV Range    : 1000
End Time        : 29.96 min
Area Reject     : 500.000000
Dilution Factor : 1.00
Cycle           : 1
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b06163.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b06163.rst
Inst Method  : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b06163.raw
Proc Method  : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b06163.rst
Calib Method : h:\turbo6\6890-06\6b-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6b06163.rst
Report Format File: h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



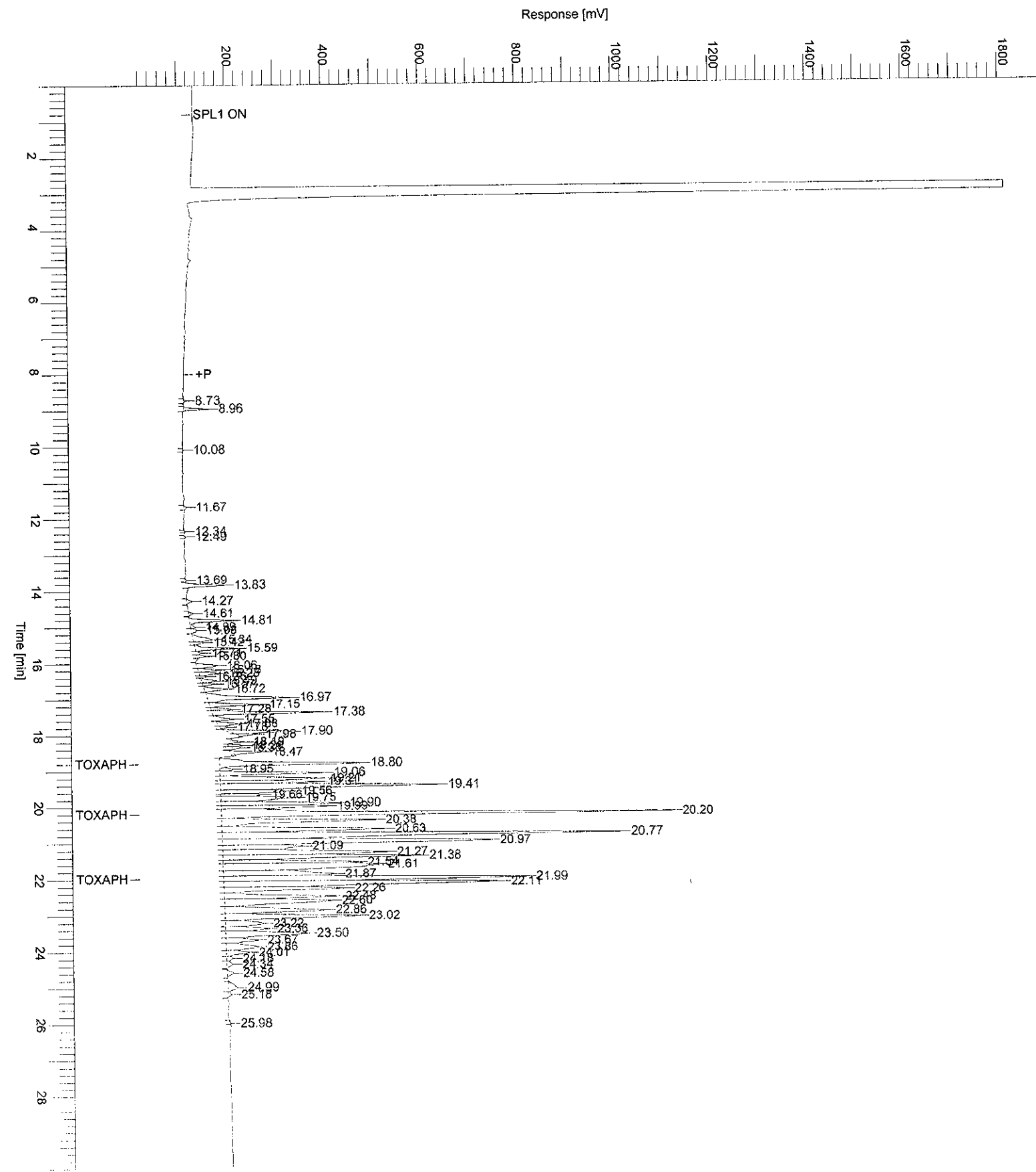
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	20.20	10536861	TOXAPHENE	1.50000	0.50000
		10536861		1.50000	0.50000

Group Report For : TOXAPHENE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	18.80	1683379	Toxaphene-a	1.50000	-----
	20.20	5037049	Toxaphene-b	1.50000	-----
	21.99	3816432	Toxaphene-c	1.50000	-----
		10536861		4.50000	0.00000

Sample Name : ICM14QE Sample # : Page 1 of 1
FileName : H:\TURBO6\6890-06\6b06163.raw
Date : 03/25/2008 07:29:41 Time of Injection: 03/25/2008 01:35:40
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1810.00 mV
Plot Offset: 10.00 mV Plot Scale: 1800.0 mV



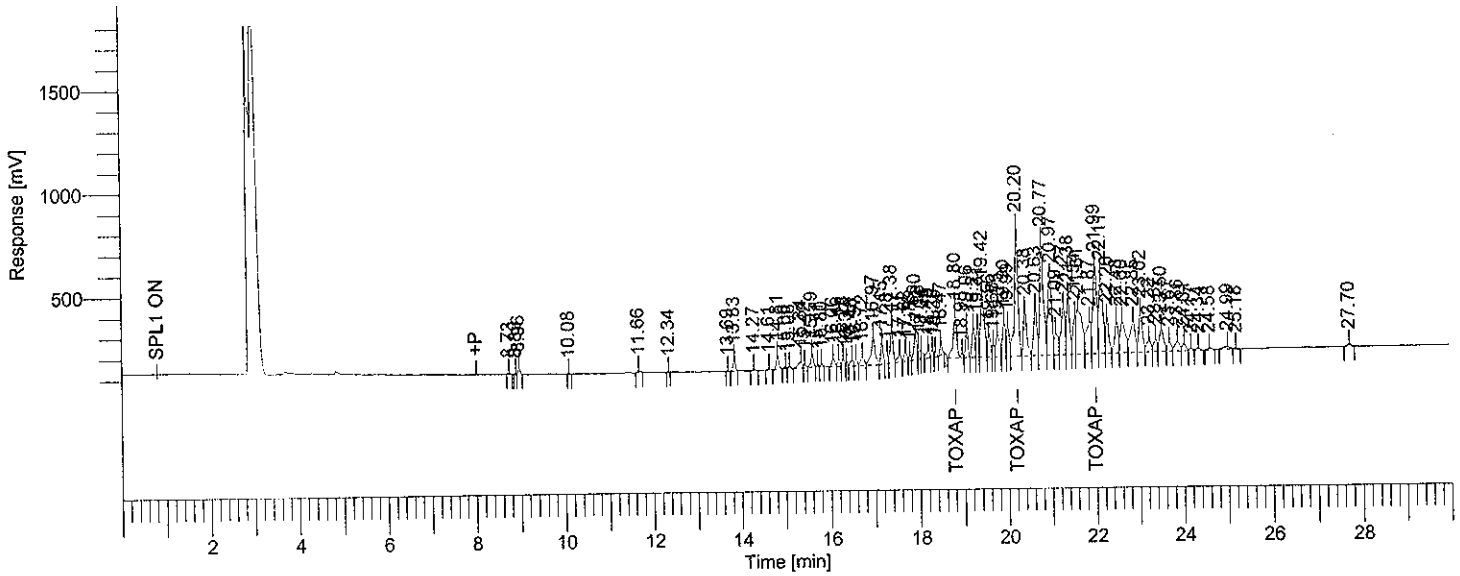
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 67995
Operator          : tchrom
Sample Number     :
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 03/25/2008 02:09:32

Date              : 03/25/2008 07:29:45
Sample Name       : ICM14QB
Study             : ICAL 1.0
Rack/Vial        : 1/64
Channel          : B
A/D mV Range     : 1000
End Time         : 29.95 min
Area Reject      : 500.000000
Dilution Factor  : 1.00
Cycle            : 2
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b06164.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b06164.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b06164.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b06164.rst
Calib Method  : h:\turbo6\6890-06\6b-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6b06164.rst
Report Format File: h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



HP6890-06 "A"RTXCLP I/"B"RTXCLPII

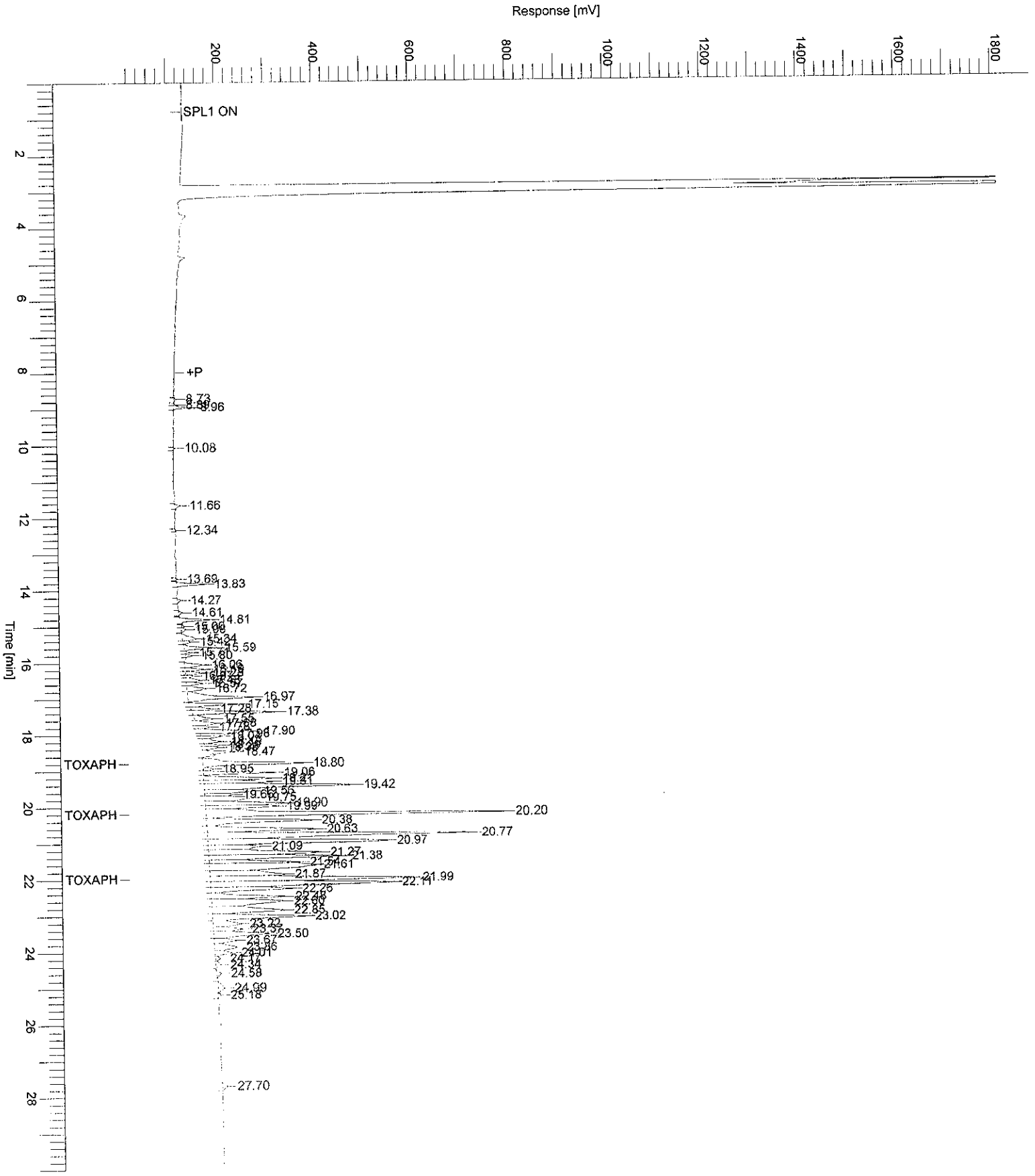
PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	20.20	7128161	TOXAPHENE	1.00000	0.33333
		7128161		1.00000	0.33333

Group Report For : TOXAPHENE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	18.80	1191278	Toxaphene-a	1.00000	-----
	20.20	3368435	Toxaphene-b	1.00000	-----
	21.99	2568448	Toxaphene-c	1.00000	-----
		7128161		3.00000	0.00000

Chromatogram

Sample Name : ICM14QB
File Name : H:\TURBO6\6890-06\6b06164.raw
Date : 03/25/2008 07:29:45
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # :
Page 1 of 1
Time of Injection : 03/25/2008 02:09:32
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1810.00 mV
Plot Scale : 1800.0 mV



```

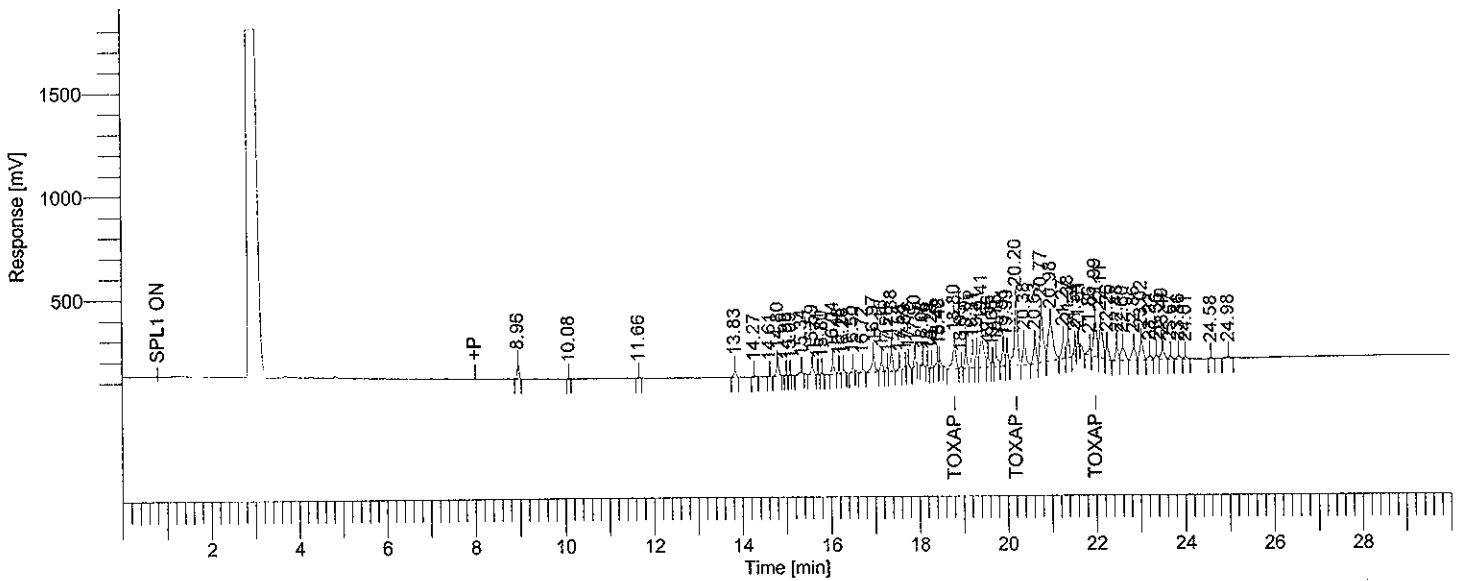
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf1938: 67997
Operator : tchrom
Sample Number :
AutoSampler : BUILT-IN
Instrument Name : HP6890-06
Instrument Serial # : CN10520010
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 03/25/2008 02:43:18

Date : 03/25/2008 07:29:49
Sample Name : ICM14QD
Study : ICAL 0.5
Rack/Vial : 1/65
Channel : B
A/D mV Range : 1000
End Time : 29.99 min

Area Reject : 500.000000
Dilution Factor : 1.00
Cycle : 3
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b06165.raw <Modified>
Result File : H:\TURBO6\6890-06\6b06165.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b06165.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b06165.rst
Calib Method : h:\turbo6\6890-06\6b-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6b06165.rst
Report Format File : h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



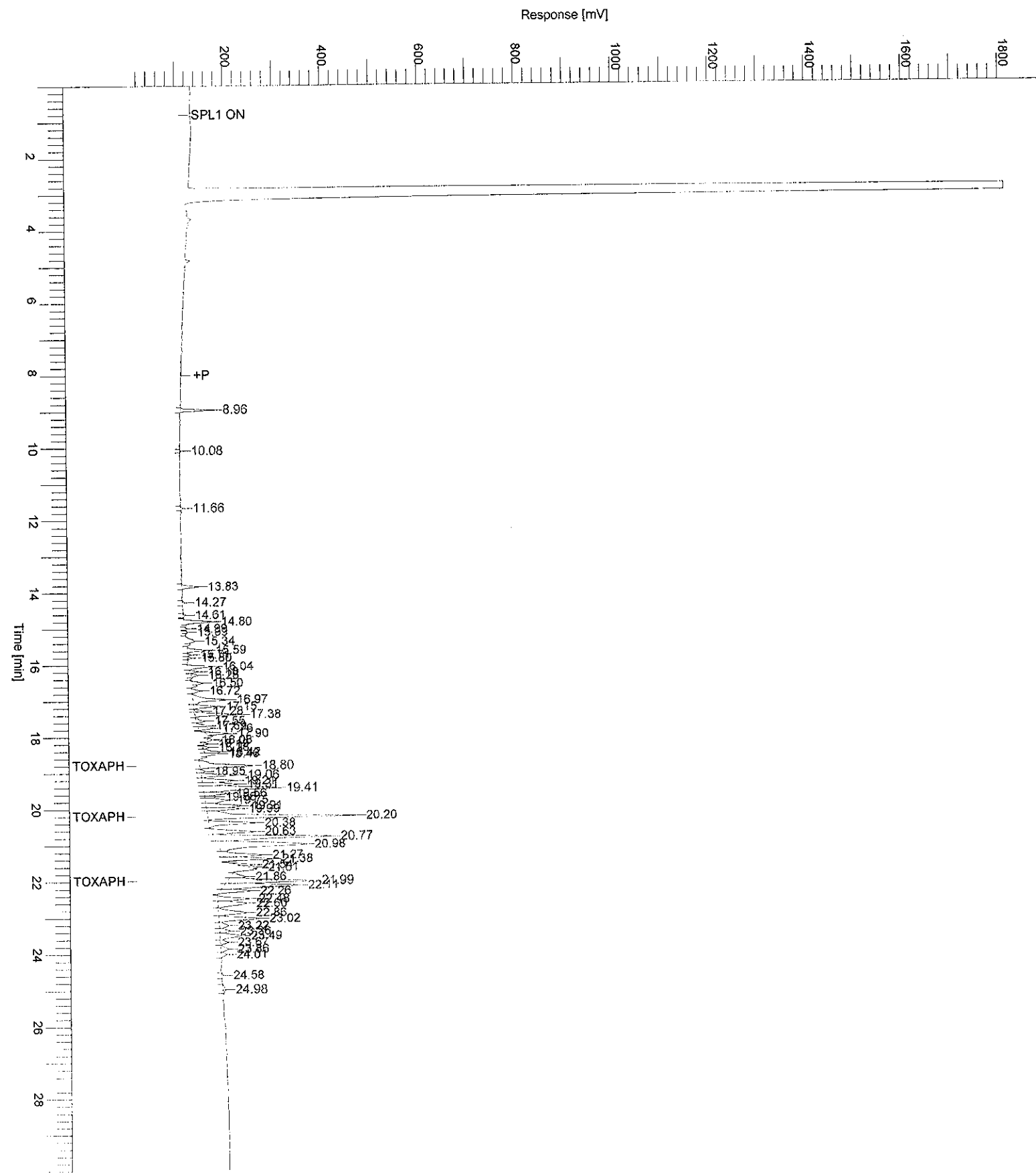
HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	20.20	3161151	TOXAPHENE	0.50000	0.16667
		3161151		0.50000	0.16667

Group Report For : TOXAPHENE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	18.80	626452	Toxaphene-a	0.50000	-----
	20.20	1590567	Toxaphene-b	0.50000	-----
	21.99	944131	Toxaphene-c	0.50000	-----
		3161151		1.50000	0.00000

Sample Name : ICM14QD
File Name : H:\TURBO6\6890-06\6b06165.raw
Date : 03/25/2008 07:29:50
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # :
Page 1 of 1
Time of Injection : 03/25/2008 02:43:18
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1810.00 mV
Plot Scale : 1800.0 mV



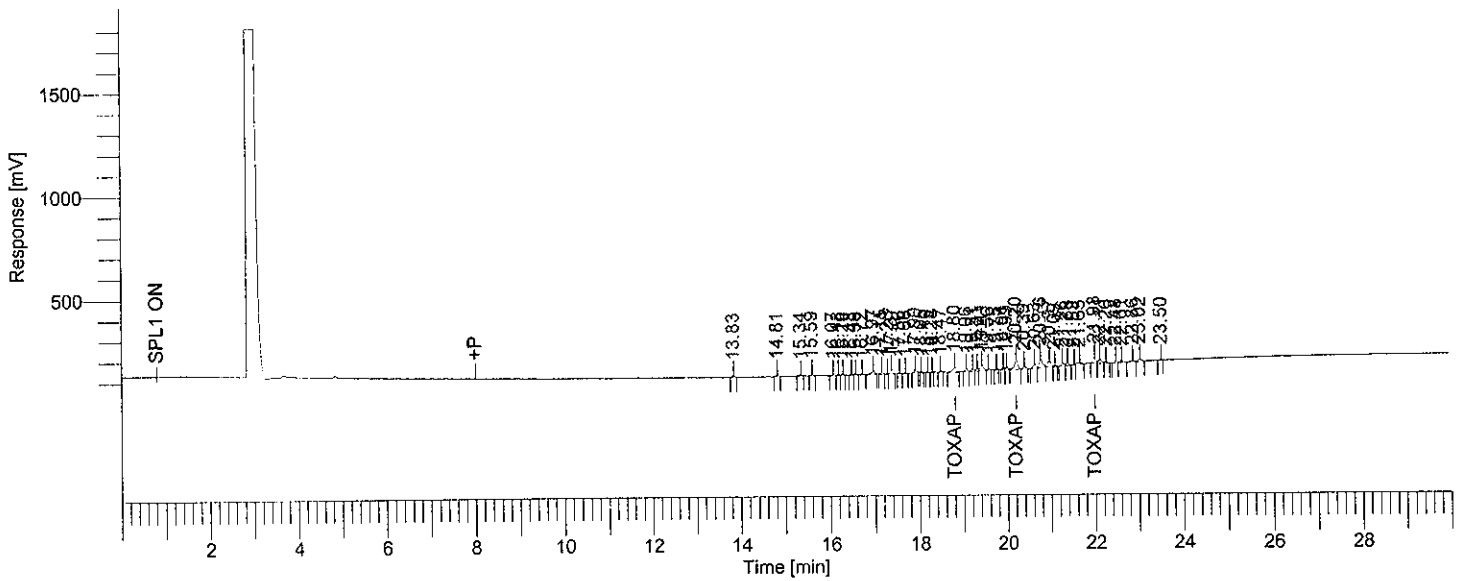
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 67999
Operator          : tchrom
Sample Number     :
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 03/25/2008 03:17:08

Date              : 03/25/2008 07:29:54
Sample Name       : ICM14QB
Study             : ICAL 0.1
Rack/Vial         : 1/66
Channel           : B
A/D mV Range     : 1000
End Time          : 29.95 min
Area Reject      : 500.000000
Dilution Factor  : 1.00
Cycle             : 4
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b06166.raw <Modified>
Result File : H:\TURBO6\6890-06\6b06166.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b06166.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b06166.rst
Calib Method : h:\turbo6\6890-06\6b-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6b06166.rst
Report Format File : h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	20.20	491604	TOXAPHENE	0.10000	0.03333
		491604		0.10000	0.03333

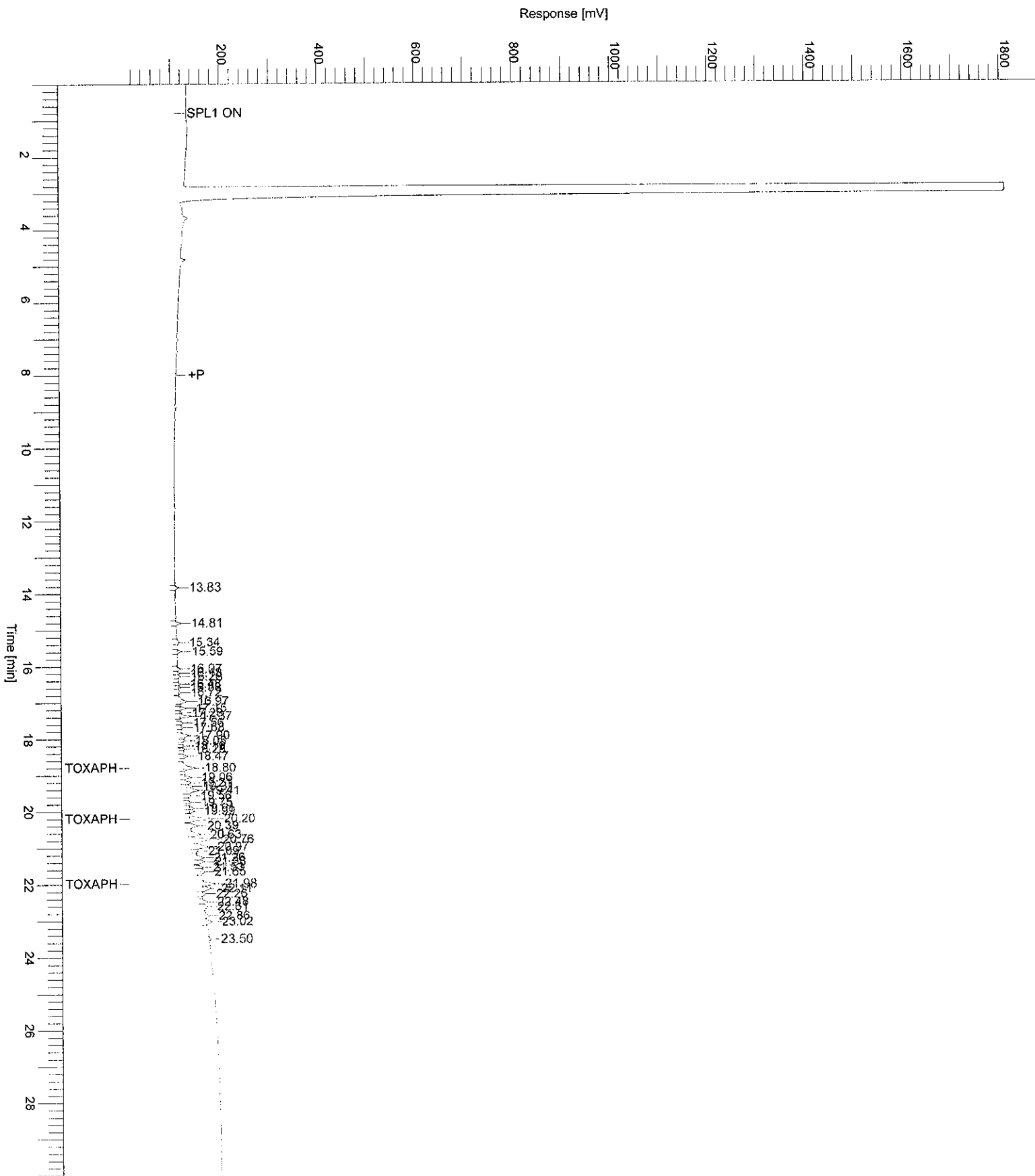
Group Report For : TOXAPHENE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	18.80	130675	Toxaphene-a	0.10000	-----
	20.20	246267	Toxaphene-b	0.10000	-----
	21.98	114662	Toxaphene-c	0.10000	-----
		491604		0.30000	0.00000

Chromatogram

2059/4151

Sample Name : ICM14QB
File Name : H:\TURBO6\6890-06\6b06166.raw
Date : 03/25/2008 07:29:54
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # :
Page 1 of 1
Time of Injection : 03/25/2008 03:17:08
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1810.00 mV
Plot Scale : 1800.0 mV



```

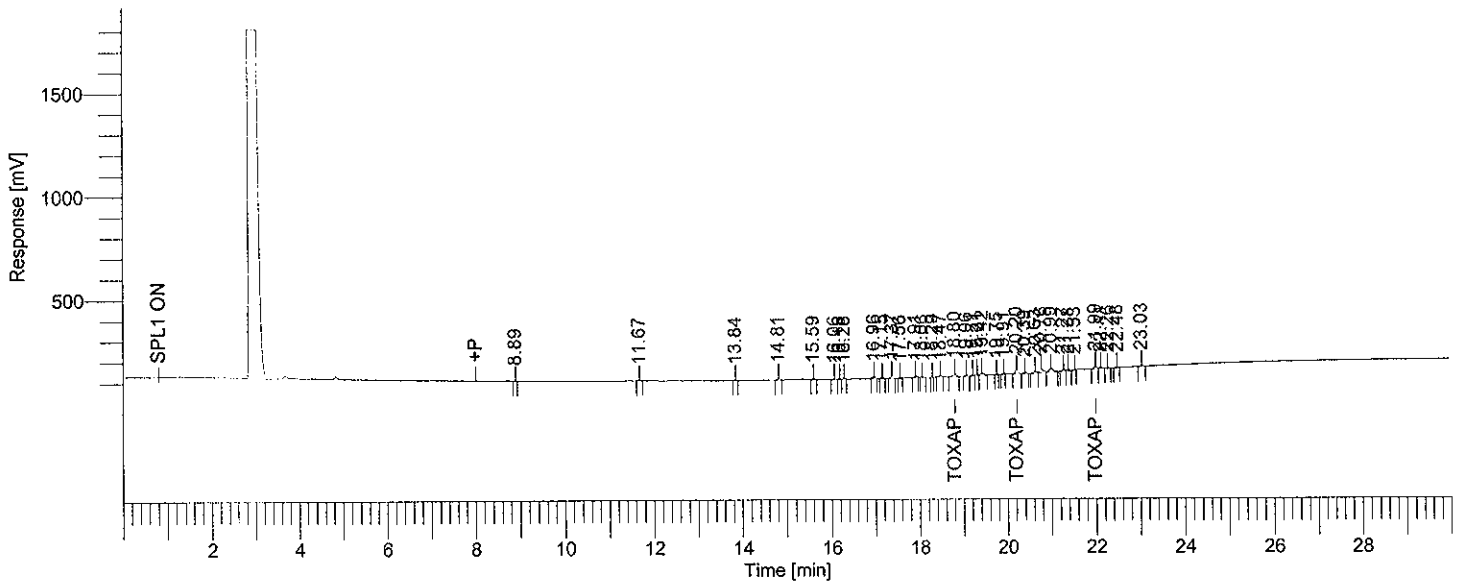
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 68001
Operator          : tchrom
Sample Number     :
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial #: CN10520010
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 03/25/2008 03:50:53

Date              : 03/25/2008 07:29:58
Sample Name      : ICM14QD
Study            : ICAL 0.05
Rack/Vial       : 1/67
Channel         : B
A/D mV Range    : 1000
End Time        : 29.95 min

Area Reject     : 500.000000
Dilution Factor : 1.00
Cycle           : 5
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b06167.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b06167.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b06167.raw
Proc Method   : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b06167.rst
Calib Method  : h:\turbo6\6890-06\6b-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6b06167.rst
Report Format  : h:\turbo6\6890-06\06pcb.rpt
Sequence File : H:\TURBO6\6890-06\6D-06.seq
    
```



HP6890-06 "A"RTXCLP I/"B"RTXCLPII

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	20.20	227407	TOXAPHENE	0.05000	0.01667
		227407		0.05000	0.01667

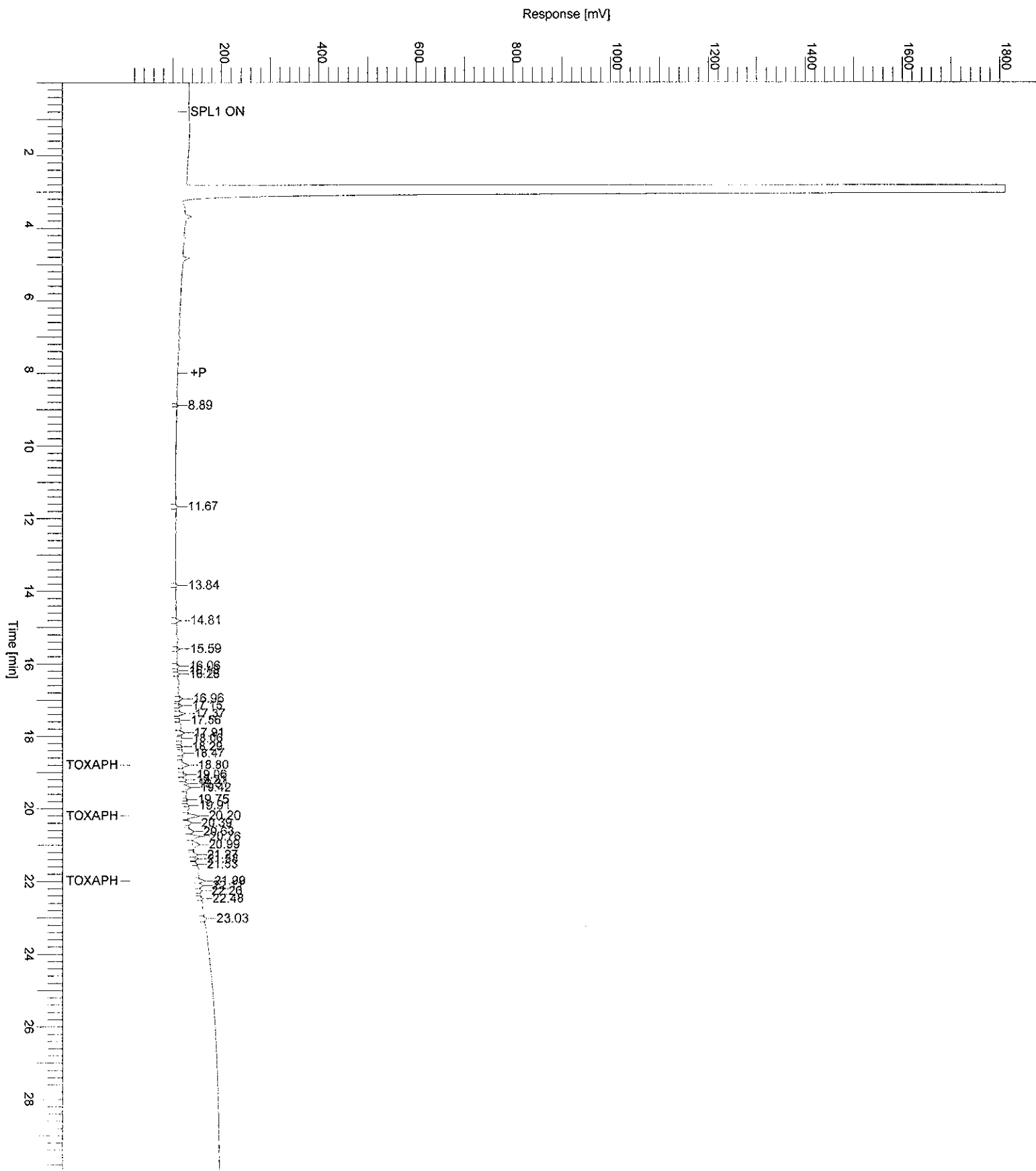
Group Report For : TOXAPHENE

PEAK #	Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	PCB Peak Conc.
	18.80	69060	Toxaphene-a	0.05000	-----
	20.20	104764	Toxaphene-b	0.05000	-----
	21.99	53583	Toxaphene-c	0.05000	-----
		227407		0.15000	0.00000

Chromatogram

2061/4151

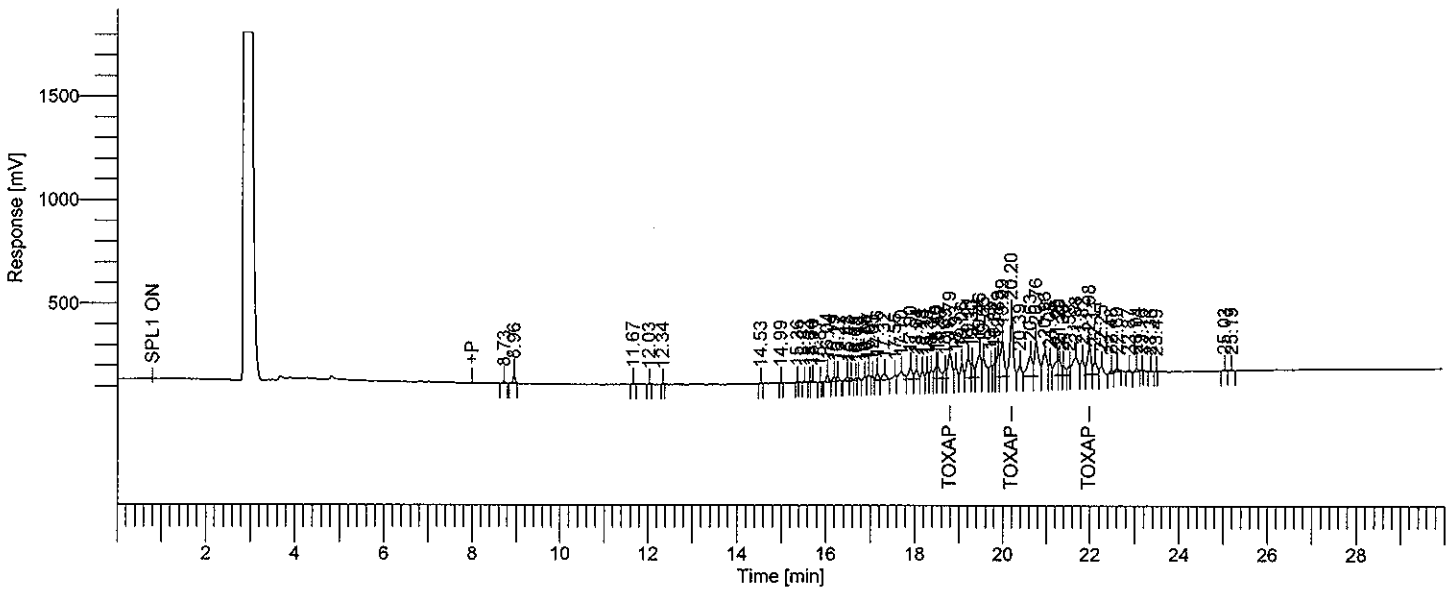
Sample Name : ICM14QD
File Name : HATURBO6\6890-06\6b06167.raw
Date : 03/25/2008 07:29:58
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # :
Page 1 of 1
Time of Injection : 03/25/2008 03:50:53
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1810.00 mV
Plot Scale : 1800.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 68003
 Operator : tchrom
 Sample Number :
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 03/25/2008 04:24:44

Date : 03/25/2008 07:36:48
 Sample Name : ACM14LA
 Study : 2nd SOURCE
 Rack/Vial : 1/68
 Channel : B
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6b06168.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b06168.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b06168.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b06168.rst
 Calib Method : h:\turbo6\6890-06\6b-toxaphene(03-24-08).mth from H:\TURBO6\6890-06\6b06168.rst
 Report Format File: h:\turbo6\6890-06\06pcb%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-06.seq



HP6890-06 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
20.20	3188884	TOXAPHENE	0.47442	-5.1	3
	3188884		0.47442	-5.1	

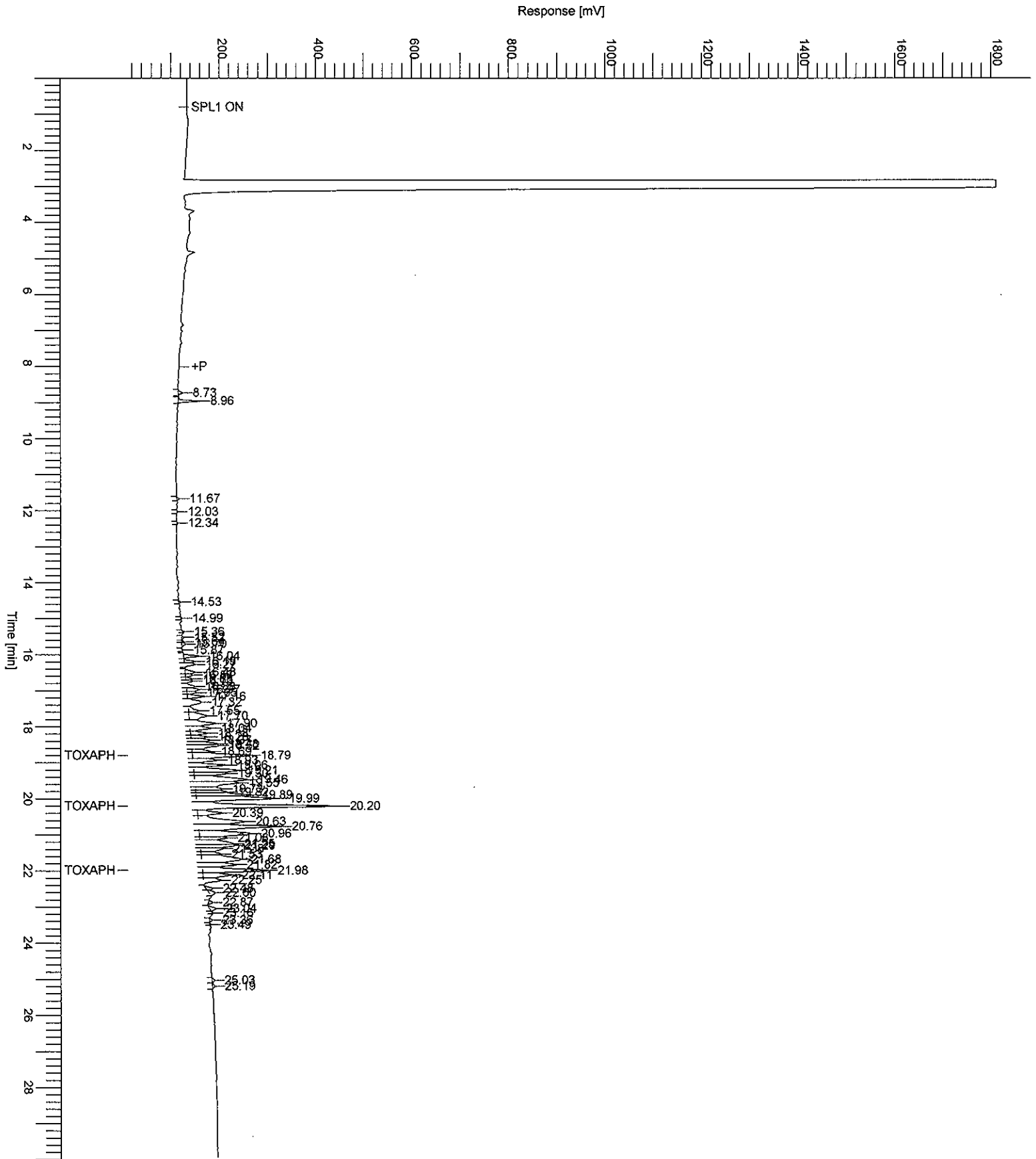
Group Report For : TOXAPHENE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
18.79	762737	Toxaphene-a	0.65011	30.0	0
20.20	1641384	Toxaphene-b	0.50496	1.0	0
21.98	784763	Toxaphene-c	0.36076	-27.8	0
	3188884		1.51583	3.2	

Sample Name : ACM14LA
FileName : H:\TURBO6\6890-06\6b06168.raw
Date : 03/25/2008 07:36:49
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: Page 1 of 1

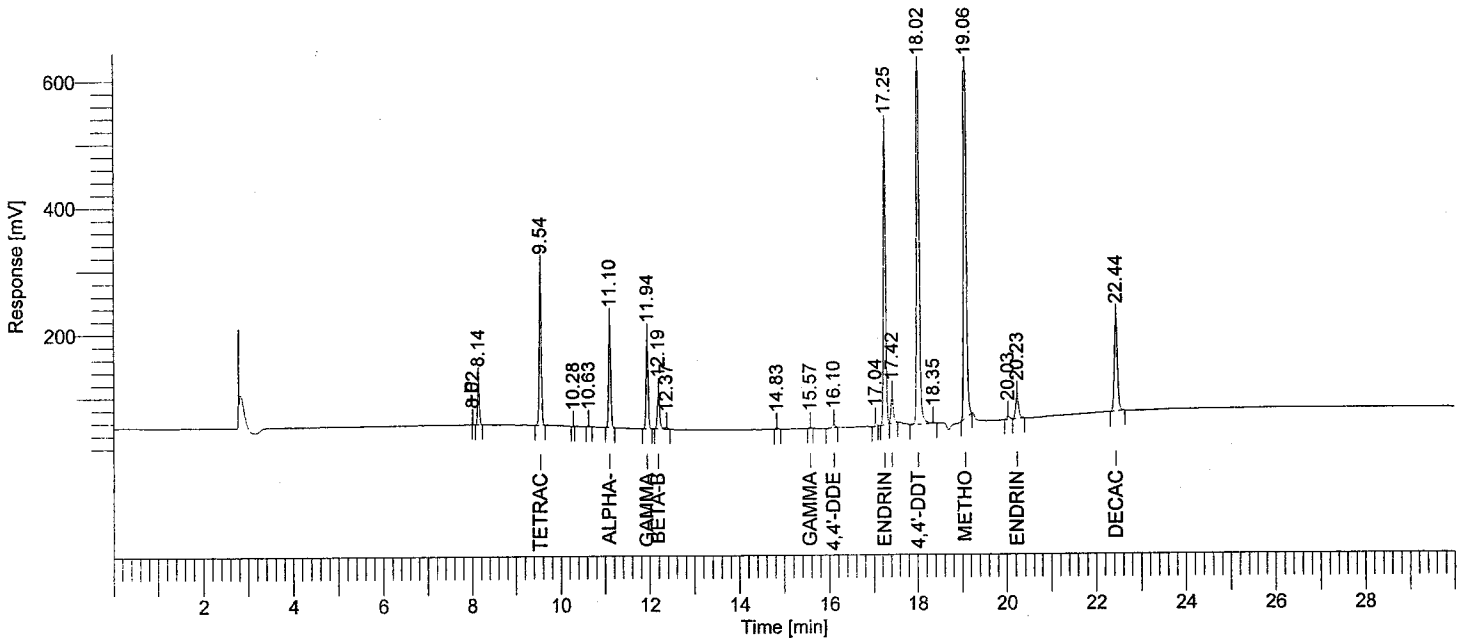
Time of Injection: 03/25/2008 04:24:44
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1810.00 mV
Plot Scale: 1800.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75017
 Operator : tchrom
 Sample Number : PEM
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 09:06:33

Date : 07/02/2008 10:59:57
 Sample Name : ICM1BC
 Study : CCV
 Rack/Vial : 1/40
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5a10140.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a10140.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10140.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10140.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10140.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.02	1014		B	0.00101	472.26
2	8.14	192745		B	0.19275	66240.09
3	9.54	787333	Tetrachloro-m-xylene	B	0.02601	243891.61
4	10.28	1238		B	0.00124	408.41
5	10.63	8394		B	0.00839	2498.95
6	11.10	525518	alpha-BHC	B	0.01307	164188.14
7	11.94	476420	gamma-BHC	B	0.01275	142530.08
8	12.19	205434	beta-BHC	B	0.01246	56287.60
9	12.37	12449		E	0.01245	2696.82
10	14.83	8637		B	0.00864	2178.66
11	15.57	7200	gamma chlordane	B	9.04e-04	2264.30
12	16.10	21377	4,4'-DDE	B	0.00275	4835.25
13	17.04	19428		B	0.01943	5650.04
14	17.25	1719942	Endrin	B	0.05035	463318.71
15	17.42	174150	4,4'-DDD	V	0.00691	42801.30
16	18.02	2741269	4,4'-DDT	B	0.10084	722103.36

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mm
 Endrin 9.79%
 DDT 6.79%

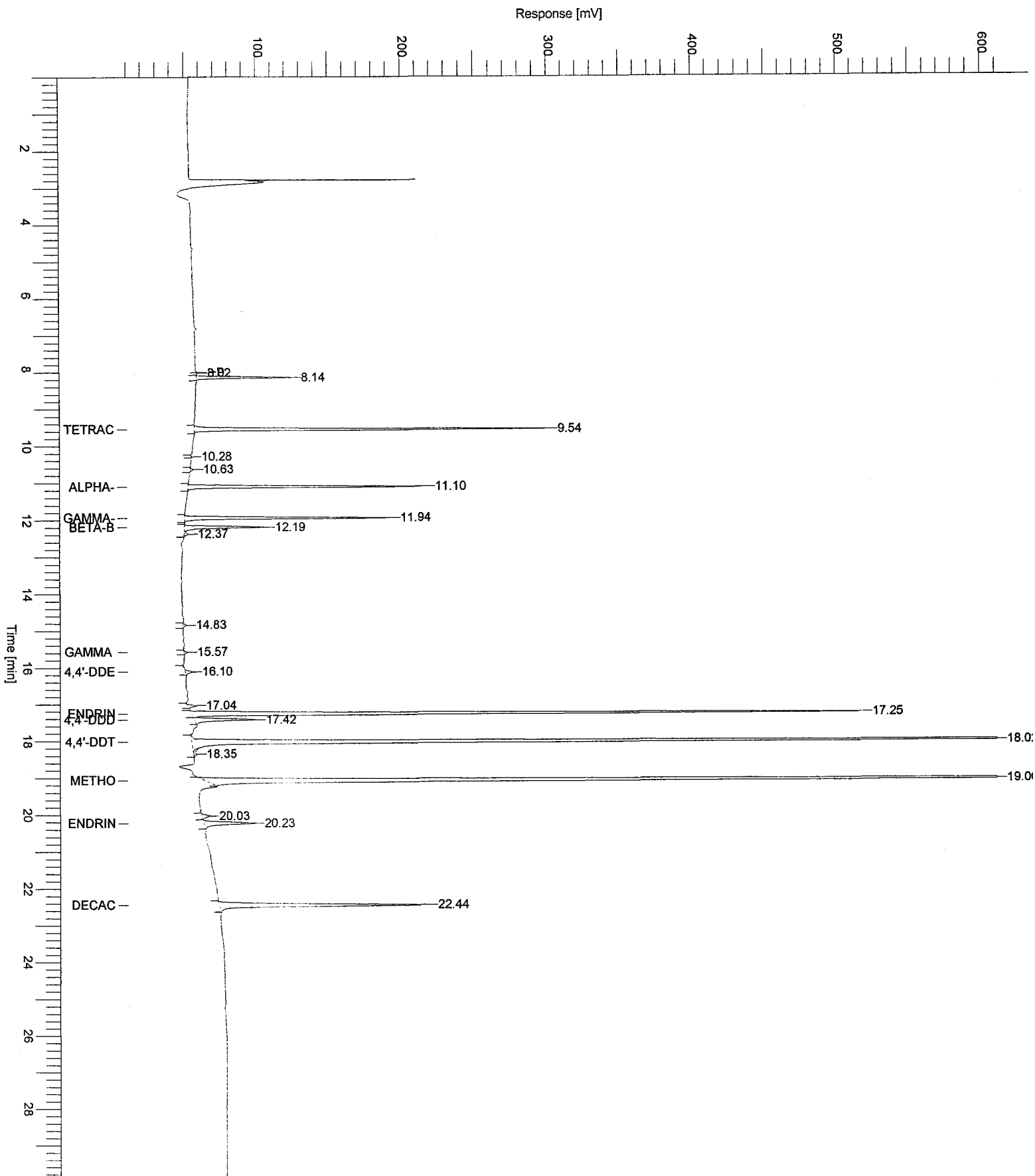
07/02/2008 10:59:57 Result: H:\TURBO6\6890-05\5a10140.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	18.35	17928		E	0.01793	1972.46
18	19.06	3327430	Methoxychlor	B	0.24203	874806.75
19	20.03	24936		B	0.02494	5177.87
20	20.23	164361	Endrin ketone	V	0.00455	35099.95
21	22.44	682434	Decachlorobiphenyl	B	0.02054	144243.66
		11119638			0.77992	2.98e+06

Chromatogram

2066/4151

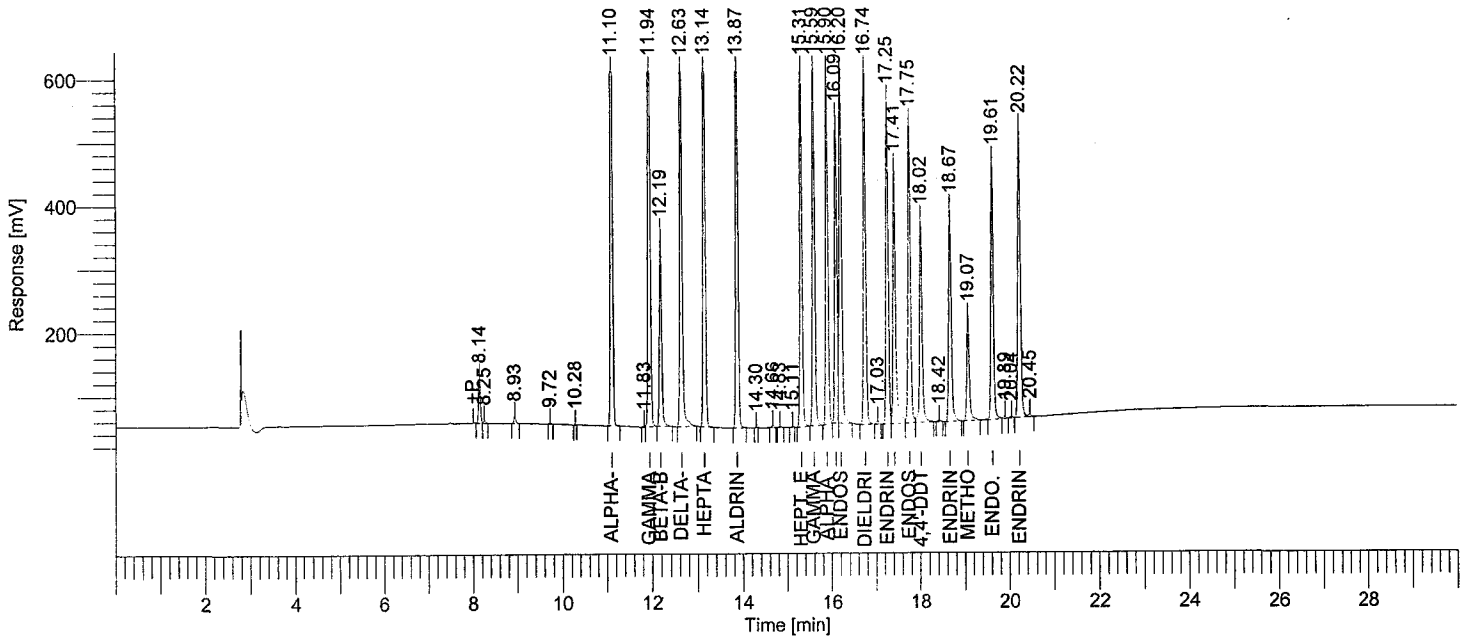
Sample Name : ICM1BC Sample # : PEM Page 1 of 1
FileName : H:\TURBO6\6890-05\5a10140.raw
Date : 07/02/2008 10:59:59 Time of Injection : 07/02/2008 09:06:33
Method : 6890-5ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset : 10.00 mV Plot Scale : 600.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75019
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 09:42:53

Date : 07/02/2008 11:00:04
 Sample Name : ICM25WS
 Study : CCV
 Rack/Vial : 1/41
 Channel : A
 A/D mV Range : 1000
 End Time : 29.97 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5a10141.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a10141.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10141.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10141.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10141.rst
 Report Format File : h:\turbo6\6890-05\05%d.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
11.10	BB	3096011	alpha-BHC	0.06591	962595.27	31.8	11.05 - 11.15
11.94	VB	2691301	gamma-BHC	0.06196	811270.47	23.9	11.89 - 11.99
12.19	BB	1078686	beta-BHC	0.06148	303442.99	23.0	12.14 - 12.24
12.63	BB	2425445	delta-BHC	0.05837	664332.66	16.7	12.58 - 12.68
13.14	BB	2509182	Heptachlor	0.05554	752319.45	11.1	13.09 - 13.19
13.87	BB	2366433	Aldrin	0.05396	697358.92	7.9	13.82 - 13.92
15.31	BB	2177388	Hept. epoxide	0.05160	611651.12	3.2	15.26 - 15.36
15.59	BB	2174808	gamma chlordane	0.05114	612991.83	2.3	15.54 - 15.64
15.90	BB	2036576	alpha chlordane	0.05237	577624.52	4.7	15.85 - 15.95
16.09	BV	1703019	4,4'-DDE	0.04604	480945.59	-7.9	16.04 - 16.14
16.20	VB	2178850	Endosulfan I	0.05586	560157.34	11.7	16.15 - 16.25
16.74	BV	2196146	Dieldrin	0.05640	598471.91	12.8	16.69 - 16.79
17.25	BV	1888892	Endrin	0.05508	510025.58	10.2	17.20 - 17.30
17.41	VV	1734334	4,4'-DDD	0.05494	402088.85	9.9	17.36 - 17.46
17.75	VV	1861336	Endosulfan II	0.05822	471382.62	16.4	17.70 - 17.80
18.02	VB	1264746	4,4'-DDT	0.04929	317125.77	-1.4	17.97 - 18.07

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[Signature]

07/02/2008 11:00:04 Result: H:\TURBO6\6890-05\5a10141.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	-	Relative
18.67	BB	1339897	Endrin aldehyde	0.06115	333525.82	22.3	18.62	-	18.72
19.07	BB	678114	Methoxychlor	0.05162	161660.11	3.2	19.02	-	19.12
19.61	BV	1649752	Endo. Sulfate	0.05656	405880.85	13.1	19.56	-	19.66
20.22	VE	1923829	Endrin ketone	0.05252	454023.14	5.0	20.17	-	20.27
		38974747		1.11002	1.07e+07				

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	9.550
Decachlorobiphenyl	22.460

Sample Name : ICM25WS

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-05\5a10141.raw

Date : 07/02/2008 11:00:05

Time of Injection: 07/02/2008 09:42:53

Method : 6890-5ins

Start Time : 0.00 min

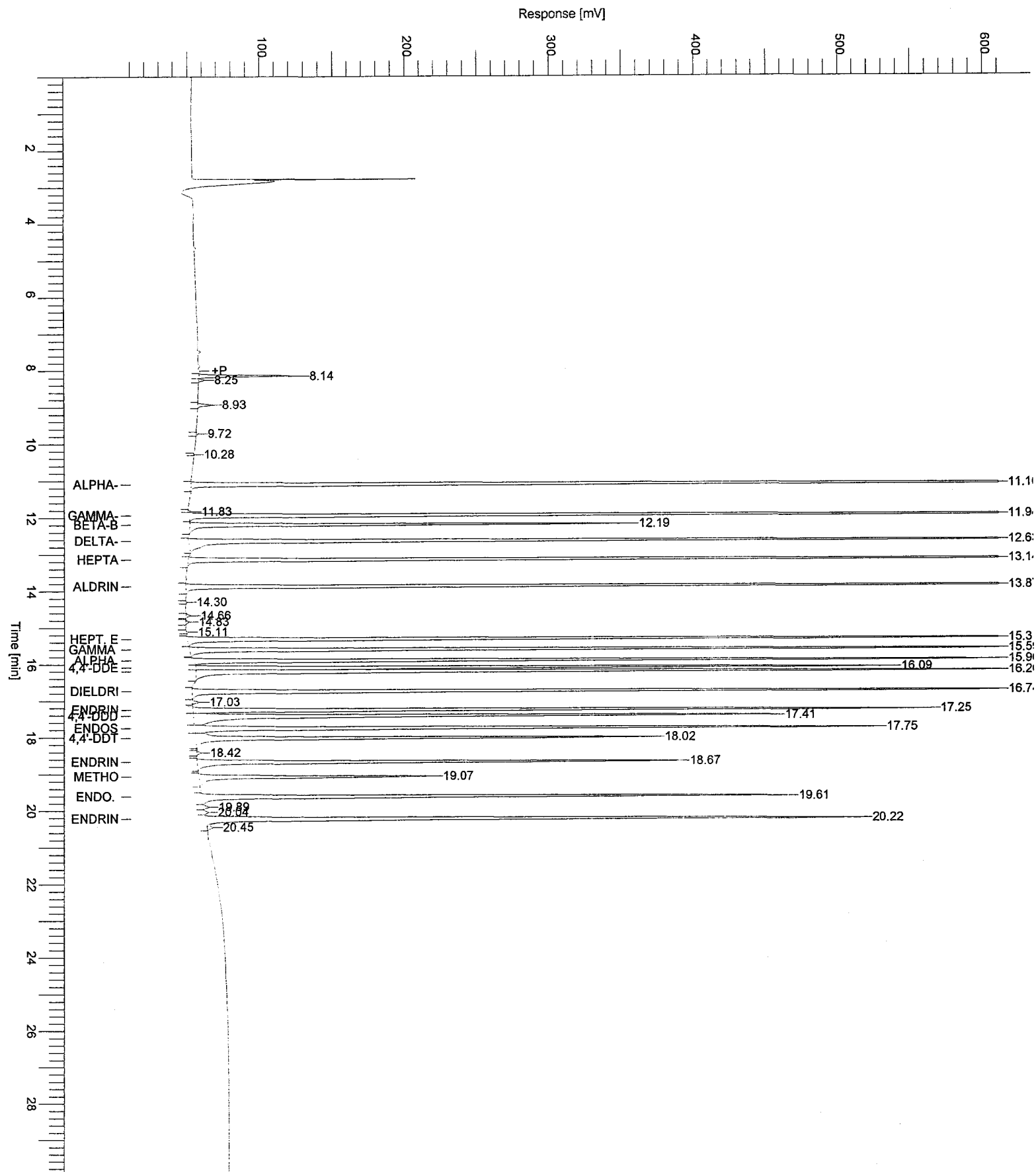
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 610.00 mV

Plot Offset: 10.00 mV

Plot Scale: 600.0 mV



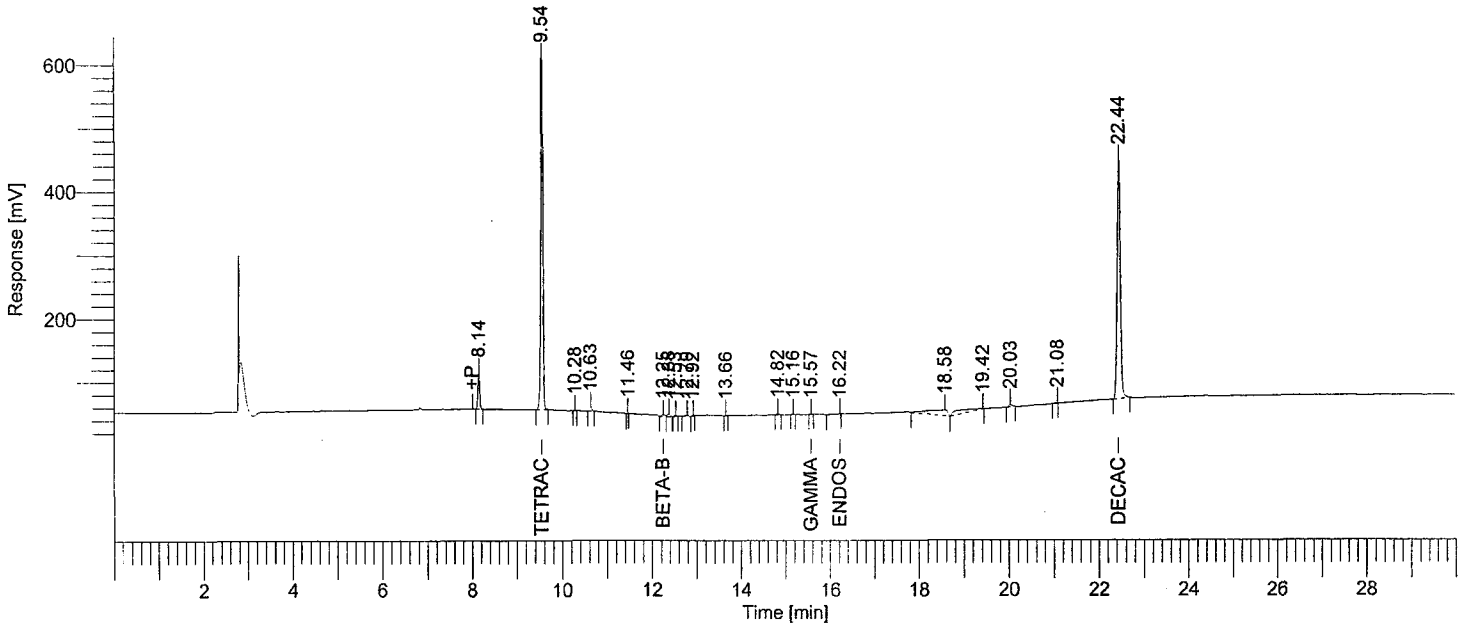
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75021
Operator          : tchrom
Sample Number     : 0.05
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 07/02/2008 10:19:05

Date              : 07/02/2008 11:00:10
Sample Name      : ICM3PN
Study            : CCV
Rack/Vial       : 1/42
Channel         : A
A/D mV Range    : 1000
End Time        : 29.98 min
Area Reject     : 3000.000000
Dilution Factor : 1.00
Cycle           : 3
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a10142.raw <Modified>
Result File   : H:\TURBO6\6890-05\5a10142.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10142.raw
Proc Method  : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10142.rst
Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10142.rst
Report Format File: h:\turbo6\6890-05\05%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



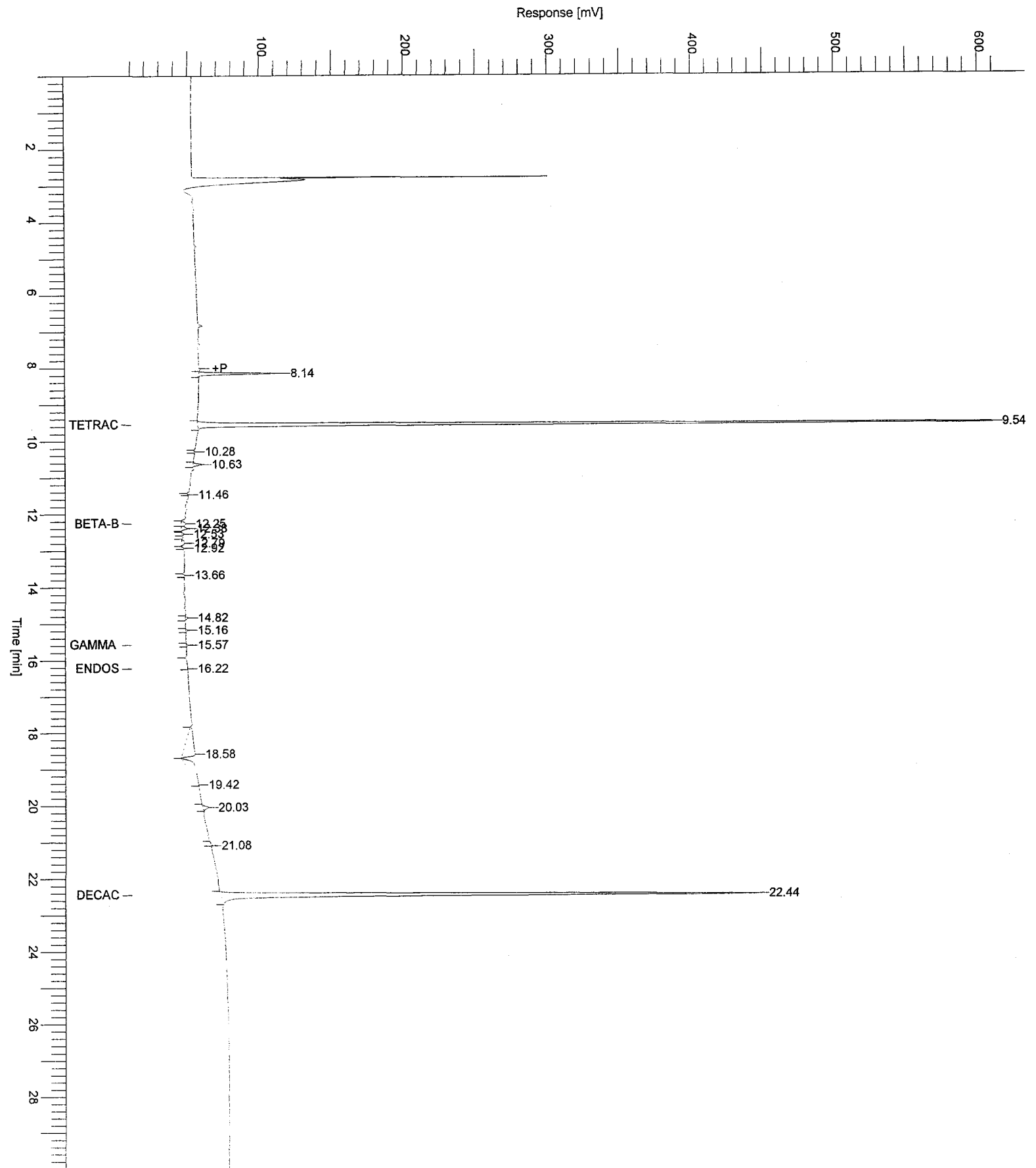
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
9.54	BB	2067199	Tetrachloro-m-xy	0.06677	640832.39	33.5	9.49 - 9.59	
12.25	BV	20295	beta-BHC	0.00207	2983.29	-95.9	12.20 - 12.30	
15.57	BB	3573	gamma chlordane	8.20e-04	1144.81	-88.4	15.52 - 15.62	
16.22	BB	10701	Endosulfan I	-7.2e-04	197.52	-107.4	16.17 - 16.27	
22.44	BB	1749632	Decachlorobiphen	0.05475	374940.87	9.5	22.39 - 22.49	
		3851400		0.12369	1.02e+06			

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Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	11.107
gamma-BHC	11.948
delta-BHC	12.638
Heptachlor	13.151
Aldrin	13.879
Hept. epoxide	15.319
alpha chlordane	15.906
4,4'-DDE	16.099
Dieldrin	16.751

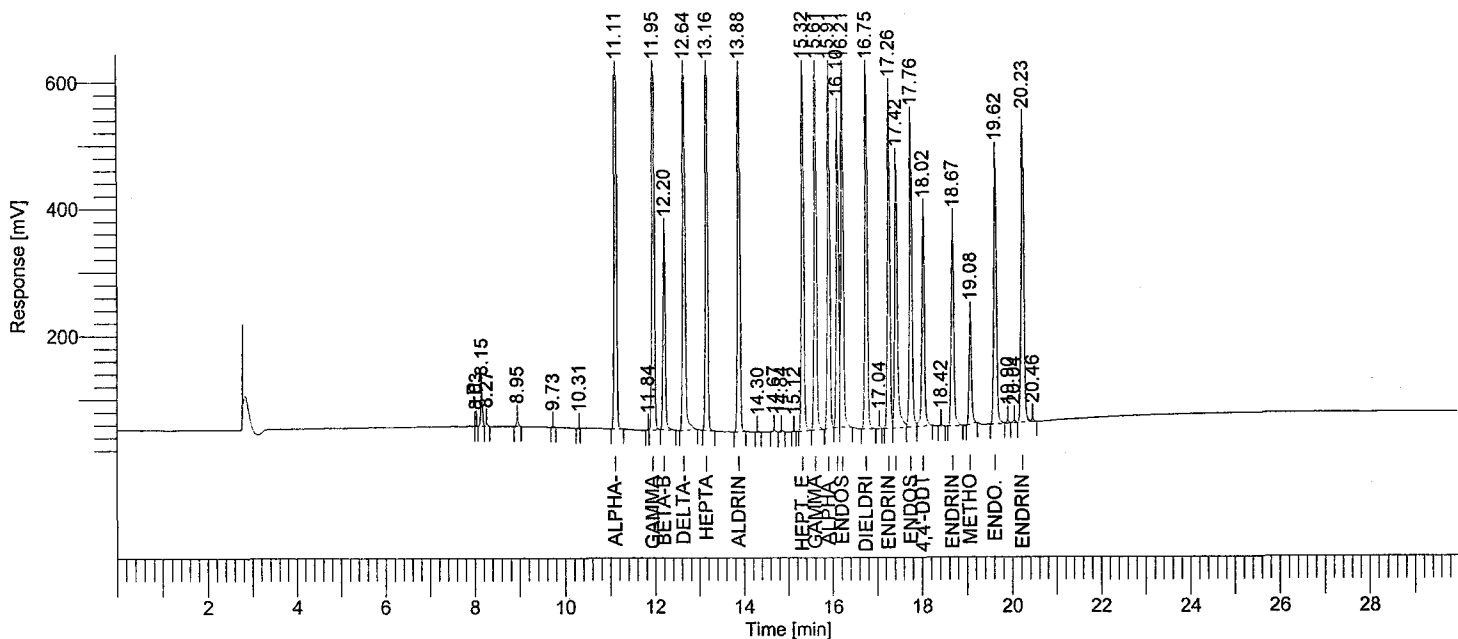
Sample Name : ICM3PN
File Name : H:\TURBO6\6890-05\5a10142.raw
Date : 07/02/2008 11:00:12
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 10.00 mV
Sample #: 0.05
Page 1 of 1
Time of Injection: 07/02/2008 10:19:05
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Scale: 600.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75061
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 15:01:15

Date : 07/02/2008 15:41:08
 Sample Name : ICM25WT
 Study : CCV
 Rack/Vial : 1/49
 Channel : A
 A/D mV Range : 1000
 End Time : 29.95 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5a10149.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a10149.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10149.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10149.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10149.rst
 Report Format File: h:\turbo6\6890-05\05%d.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
11.11	BB	3166718	alpha-BHC	0.06737	986101.69	34.7	11.06 - 11.16	
11.95	VB	2740034	gamma-BHC	0.06304	825356.60	26.1	11.90 - 12.00	
12.20	BB	1099452	beta-BHC	0.06265	309067.71	25.3	12.15 - 12.25	
12.64	BB	2505445	delta-BHC	0.06023	693561.11	20.5	12.59 - 12.69	
13.16	BB	2551687	Heptachlor	0.05646	766961.98	12.9	13.11 - 13.21	
13.88	BB	2389189	Aldrin	0.05446	705241.94	8.9	13.83 - 13.93	
15.32	BB	2207560	Hept. epoxide	0.05231	617659.78	4.6	15.27 - 15.37	
15.61	BB	2209006	gamma chlordane	0.05193	625002.88	3.9	15.56 - 15.66	
15.91	BB	2067716	alpha chlordane	0.05316	588684.50	6.3	15.86 - 15.96	
16.10	BV	1759836	4,4'-DDE	0.04750	494682.22	-5.0	16.05 - 16.15	
16.21	VB	2204711	Endosulfan I	0.05653	572136.98	13.1	16.16 - 16.26	
16.75	BB	2238007	Dieldrin	0.05746	615611.22	14.9	16.70 - 16.80	
17.26	BV	1936971	Endrin	0.05643	527394.27	12.9	17.21 - 17.31	
17.42	VV	1774931	4,4'-DDD	0.05619	416731.09	12.4	17.37 - 17.47	
17.76	VV	1887179	Endosulfan II	0.05902	480342.53	18.0	17.71 - 17.81	
18.02	VB	1290753	4,4'-DDT	0.05020	332730.15	0.4	17.97 - 18.07	

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07/02/2008 15:41:08 Result: H:\TURBO6\6890-05\5a10149.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	-	Relative
18.67	BB	1282834	Endrin aldehyde	0.05845	317523.67	16.9	18.62 -		18.72
19.08	BB	665569	Methoxychlor	0.05072	169120.55	1.4	19.03 -		19.13
19.62	BV	1701956	Endo. Sulfate	0.05840	419584.75	16.8	19.57 -		19.67
20.23	VE	1985942	Endrin ketone	0.05422	469187.70	8.4	20.18 -		20.28
		39665495		1.12671	1.09e+07				

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	9.550
Decachlorobiphenyl	22.460

Sample Name : ICM25WT

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-05\5a10149.raw

Date : 07/02/2008 15:41:09

Time of Injection: 07/02/2008 15:01:15

Method : 6890-5ins

Start Time : 0.00 min

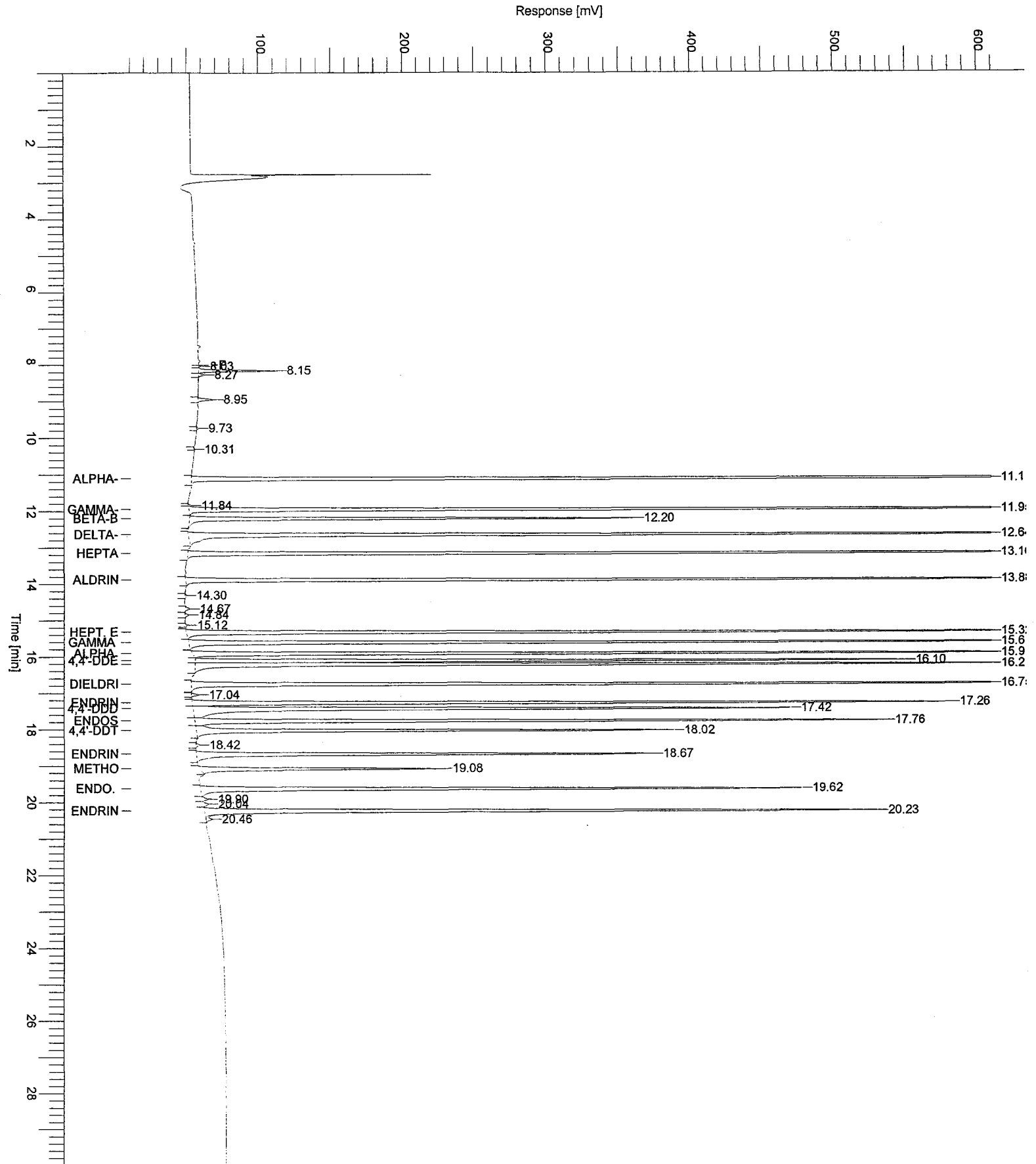
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 610.00 mV

Plot Offset: 10.00 mV

Plot Scale: 600.0 mV



```

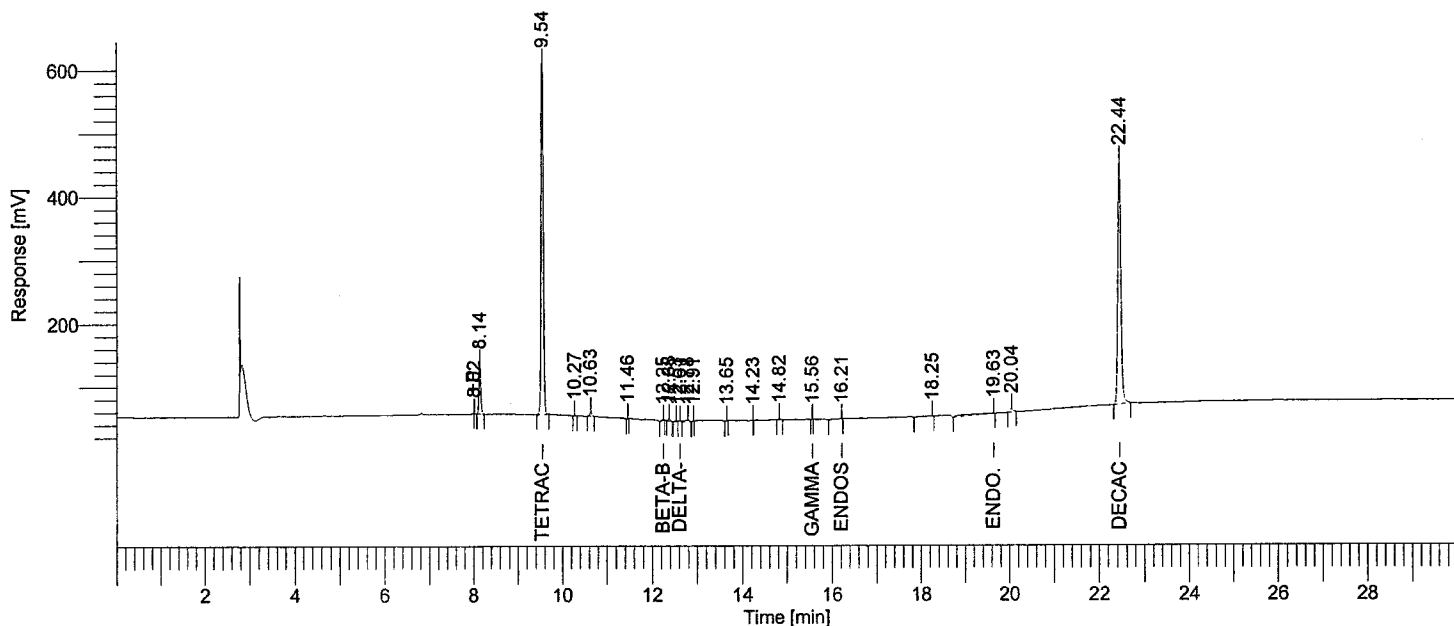
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75068
Operator          : tchrom
Sample Number     : 0.05
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/02/2008 15:37:28

Date              : 07/03/2008 07:33:40
Sample Name       : ICM3PN
Study             : CCV
Rack/Vial         : 1/50
Channel           : A
A/D mV Range     : 1000
End Time         : 29.98 min

Area Reject      : 3000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a10150.raw <Modified>
Result File   : H:\TURBO6\6890-05\5a10150.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10150.raw
Proc Method  : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10150.rst
Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10150.rst
Report Format File: h:\turbo6\6890-05\05%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



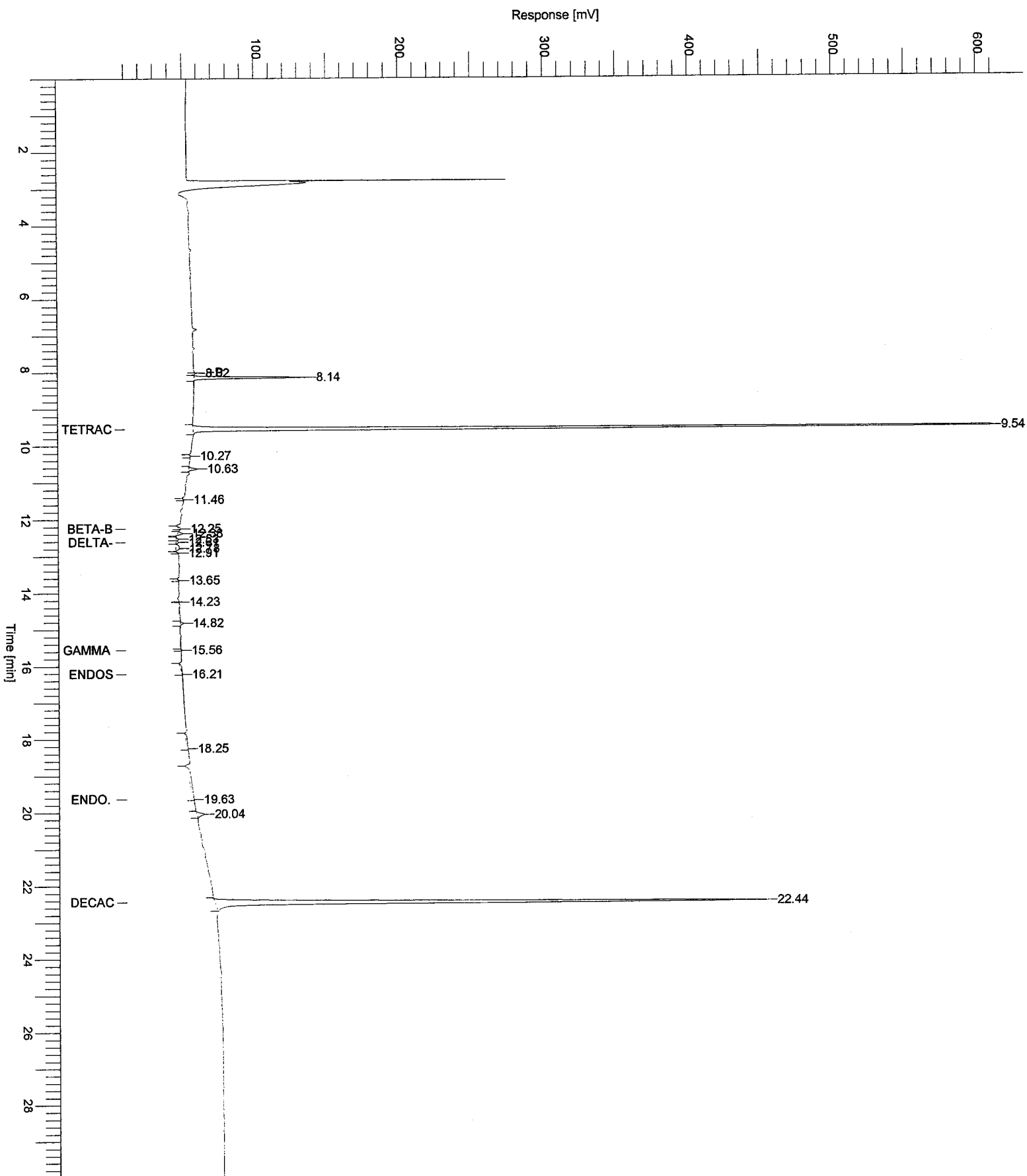
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
9.54	BB	2094785	Tetrachloro-m-xy	0.06765	649672.62	35.3	9.49 - 9.59
12.25	BB	4130	beta-BHC	0.00116	575.43	-97.7	12.20 - 12.30
12.61	VV	6297	delta-BHC	0.00232	1617.22	-96.4	12.56 - 12.66
16.21	BB	11449	Endosulfan I	-7.0e-04	240.12	-101.4	16.16 - 16.26
19.63	BB	70578	Endo. Sulfate	9.40e-04	227.02	-98.1	19.58 - 19.68
22.44	BB	1792243	Decachlorobiphen	0.05612	382860.89	12.2	22.39 - 22.49
		3979483		0.12748	1.04e+06		

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MM

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	11.107
gamma-BHC	11.948
Heptachlor	13.151
Aldrin	13.879
Hept. epoxide	15.319
alpha chlordane	15.906
4,4'-DDE	16.099
Dieldrin	16.751

Sample Name : ICM3PN
Sample # : 0.05
Page 1 of 1
FileName : H:\TURBO6\6890-05\5a10150.raw
Date : 07/03/2008 07:33:41
Method : 6890-5ins
Time of Injection : 07/02/2008 15:37:28
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Offset : 10.00 mV
Plot Scale : 600.0 mV



```

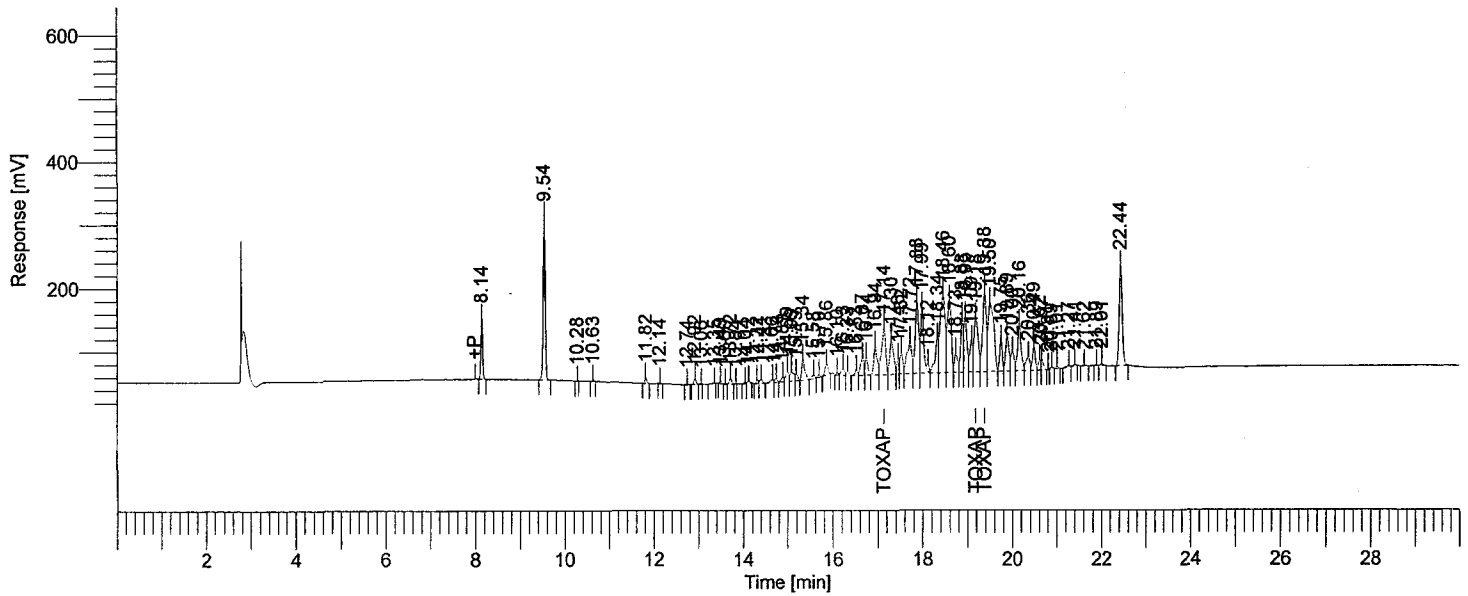
Software Version   : 6.2.1.0:104:0104
Operator          : tchrom
Sample Number     : 0.5
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 07/02/2008 16:13:53

Date             : 07/03/2008 07:56:13
Sample Name     : ICM14QG
Study           : CCV
Rack/Vial      : 1/51
Channel        : A
A/D mV Range   : 1000
End Time       : 29.99 min

Area Reject    : 8000.000000
Dilution Factor : 1.00
Cycle          : 2
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a10151.raw <Modified>
Result File : H:\TURBO6\6890-05\5a10151.rst [Editing in Progress]
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10151.raw
Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10151.rst [Editing in Progress]
Calib Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08)2.mth from H:\TURBO6\6890-05\5a10151.rst [Editing in Progress]
Report Format File: h:\turbo6\6890-05\05pcb%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



HP6890-05 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
19.38	1792676	TOXAPHENE	0.71258	42.5	3
	1792676		0.71258	42.5	

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Wtr

Group Report For : TOXAPHENE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
17.14	484241	Toxaphene-a	0.96799	93.6	0
19.18	573963	Toxaphene-b	0.40440	-19.1	0
19.38	734472	Toxaphene-c	1.27766	155.5	0
	1792676		2.65005	230.0	

Sample Name : ICM14QG

Sample #: 0.5

Page 1 of 1

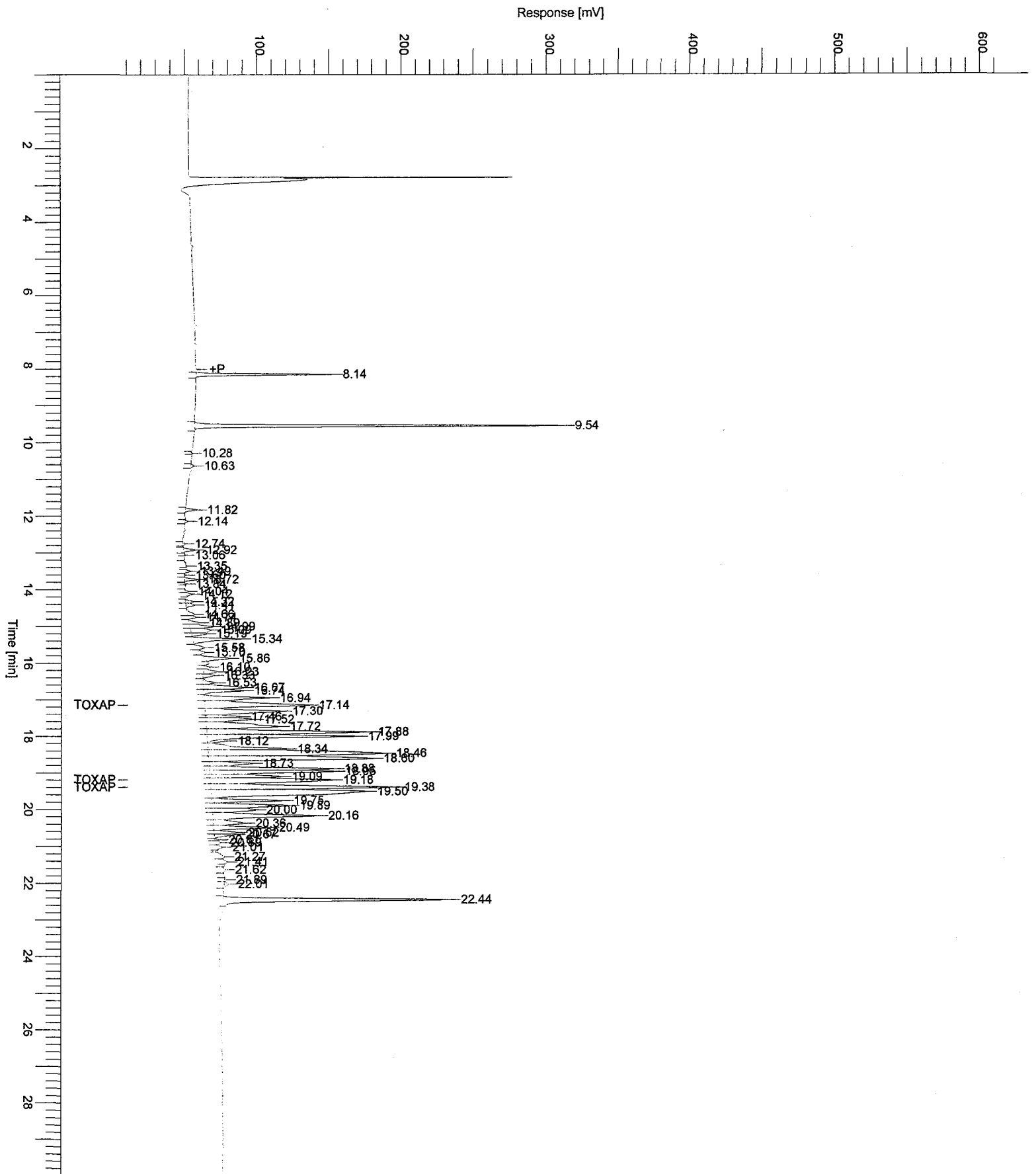
FileName : H:\TURBO6\6890-05\5a10151.raw

Date : 07/03/2008 07:56:18

Method : Time of Injection: 07/02/2008 16:13:53

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV

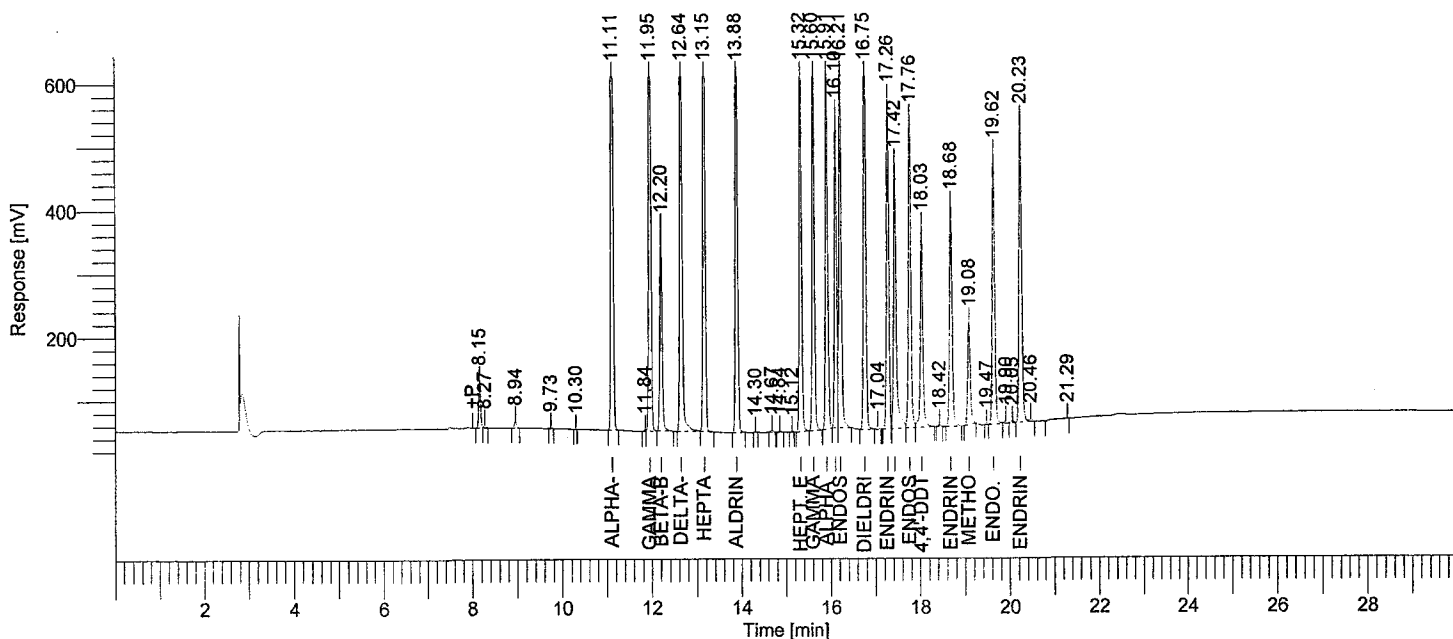
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75086
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/03/2008 08:26:34

Date : 07/03/2008 09:03:50
 Sample Name : ICM25WT
 Study : CCV
 Rack/Vial : 1/60
 Channel : A
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5a10160.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a10160.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10160.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10160.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10160.rst
 Report Format File: h:\turbo6\6890-05\05%d.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
11.11	BB	3243261	alpha-BHC	0.06894	1.01e+06	37.9	11.06 - 11.16
11.95	VB	2809428	gamma-BHC	0.06458	841106.34	29.2	11.90 - 12.00
12.20	BB	1126977	beta-BHC	0.06419	318732.57	28.4	12.15 - 12.25
12.64	BB	2620189	delta-BHC	0.06289	721263.56	25.8	12.59 - 12.69
13.15	BB	2579051	Heptachlor	0.05704	771679.99	14.1	13.10 - 13.20
13.88	BB	2460753	Aldrin	0.05604	729902.41	12.1	13.83 - 13.93
15.32	BB	2237232	Hept. epoxide	0.05300	623353.08	6.0	15.27 - 15.37
15.60	BB	2234244	gamma chlordane	0.05251	633521.68	5.0	15.55 - 15.65
15.91	BB	2098971	alpha chlordane	0.05394	593425.18	7.9	15.86 - 15.96
16.10	BV	1748607	4,4'-DDE	0.04722	493822.43	-5.6	16.05 - 16.15
16.21	VB	2261057	Endosulfan I	0.05800	579754.65	16.0	16.16 - 16.26
16.75	BV	2278348	Dieldrin	0.05847	622692.13	16.9	16.70 - 16.80
17.26	BV	1947501	Endrin	0.05672	520369.83	13.4	17.21 - 17.31
17.42	VV	1817573	4,4'-DDD	0.05750	416594.68	15.0	17.37 - 17.47
17.76	VV	1934774	Endosulfan II	0.06050	486984.27	21.0	17.71 - 17.81
18.03	VB	1261545	4,4'-DDT	0.04918	315366.24	-1.6	17.98 - 18.08

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07/03/2008 09:03:50 Result: H:\TURBO6\6890-05\5a10160.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window -	Relative
18.68	BB	1389122	Endrin aldehyde	0.06347	347091.31	26.9	18.63 -	18.73
19.08	BB	637365	Methoxychlor	0.04869	161226.70	-2.6	19.03 -	19.13
19.62	BV	1723019	Endo. Sulfate	0.05914	424633.01	18.3	19.57 -	19.67
20.23	VE	2000234	Endrin ketone	0.05460	476898.80	9.2	20.18 -	20.28
		40409250		1.14664	1.11e+07			

Missing Component Report

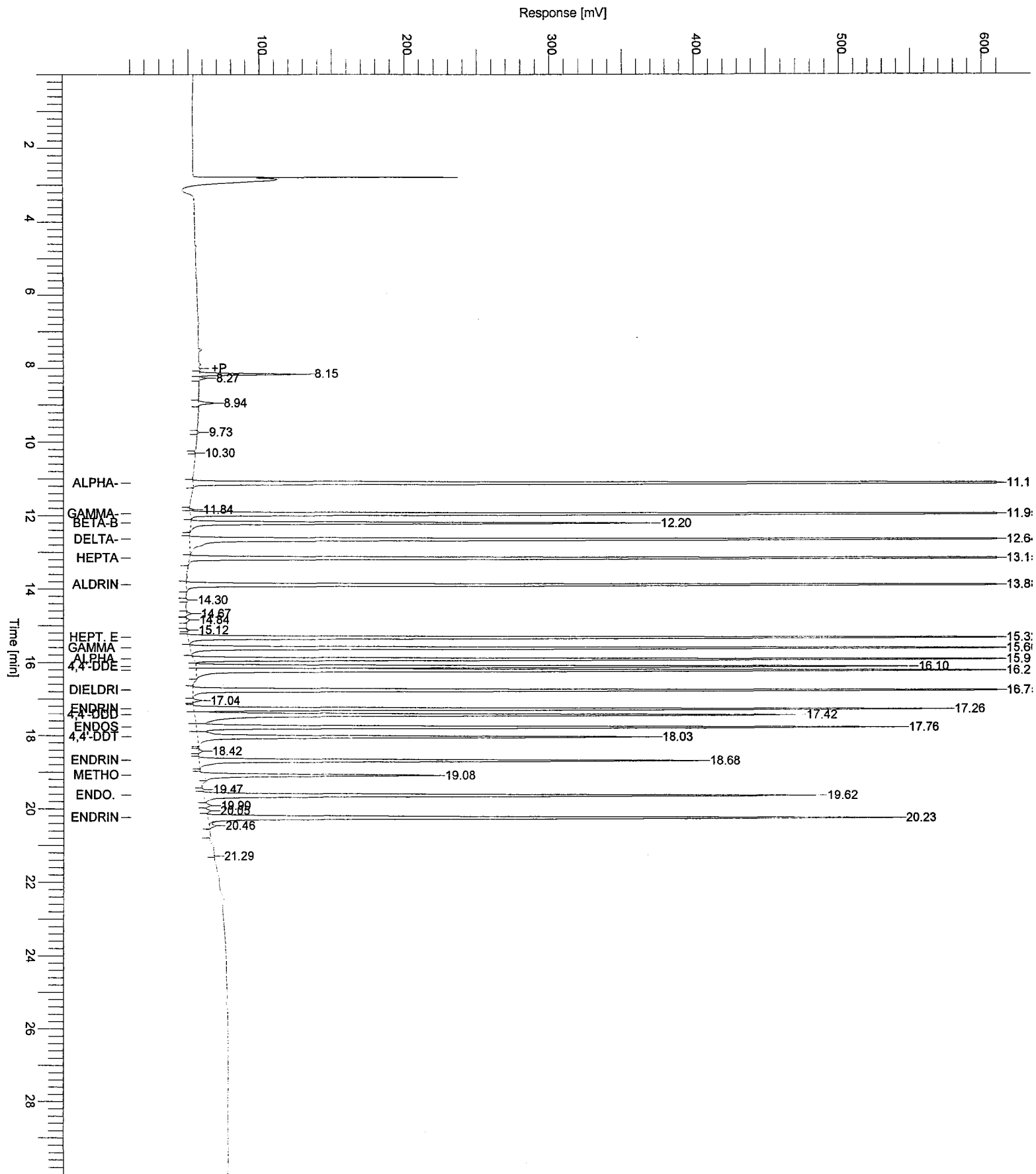
Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	9.550
Decachlorobiphenyl	22.460

Sample Name : ICM25WT
FileName : H:\TURBO6\6890-05\5a10160.raw
Date : 07/03/2008 09:03:53
Method : 6890-5ins
Plot Offset: 10.00 mV

Sample #: 0.05

Page 1 of 1

Time of Injection: 07/03/2008 08:26:34
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Scale: 600.0 mV



```

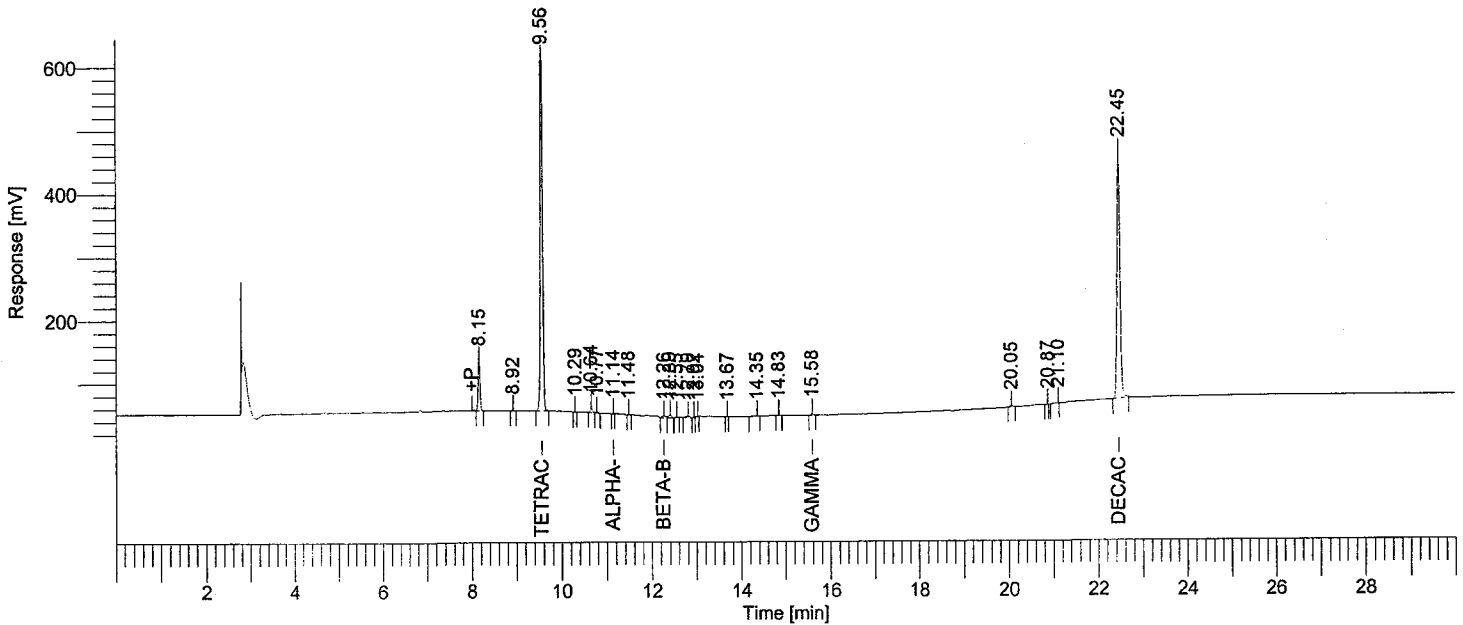
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75090
Operator          : tchrom
Sample Number     : 0.05
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/03/2008 09:15:03

Date              : 07/03/2008 11:14:34
Sample Name       : ICM3PN
Study             : CCV
Rack/Vial         : 1/61
Channel           : A
A/D mV Range      : 1000
End Time          : 29.98 min

Area Reject       : 3000.000000
Dilution Factor   : 1.00
Cycle              : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a10161.raw <Modified>
Result File : H:\TURBO6\6890-05\5a10161.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10161.raw
Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10161.rst
Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10161.rst
Report Format File: h:\turbo6\6890-05\05%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



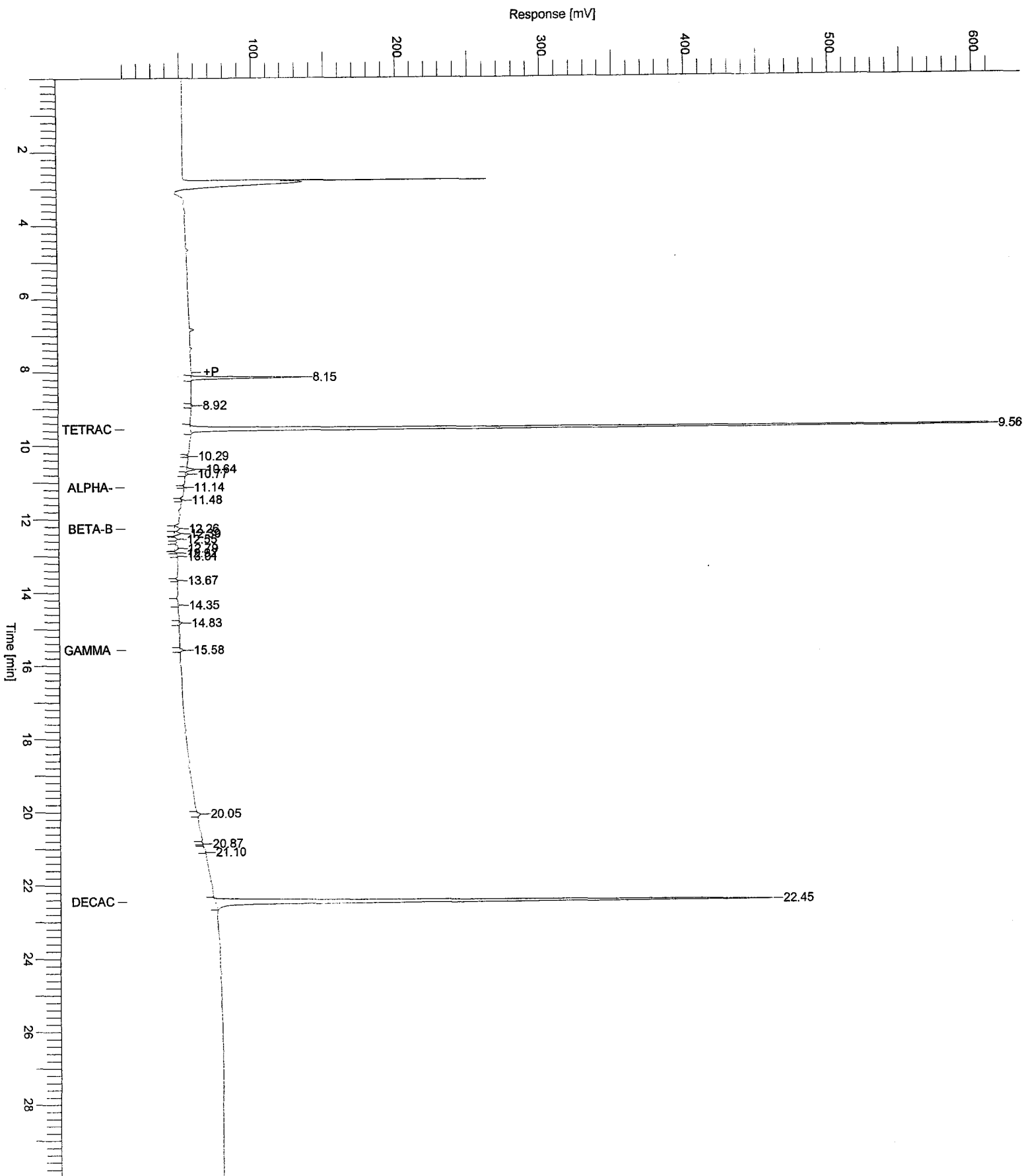
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
9.56	BB	2128908	Tetrachloro-m-xy	0.06874	661228.30	37.5	9.51 - 9.61	
12.26	BV	21147	beta-BHC	0.00211	3271.24	-95.8	12.21 - 12.31	
15.58	BB	9345	gamma chlordane	9.53e-04	2814.53	-98.7	15.53 - 15.63	
22.45	BB	1813797	Decachlorobiphen	0.05681	387123.24	13.6	22.40 - 22.50	
		3973198		0.12861	1.05e+06			

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Missing Component Report

Component	Expected Retention (Calibration File)
gamma-BHC	11.948
delta-BHC	12.638
Heptachlor	13.151
Aldrin	13.879
Hept. epoxide	15.319
alpha chlordane	15.906
4,4'-DDE	16.099
Endosulfan I	16.209
Dieldrin	16.751
Endrin	17.263

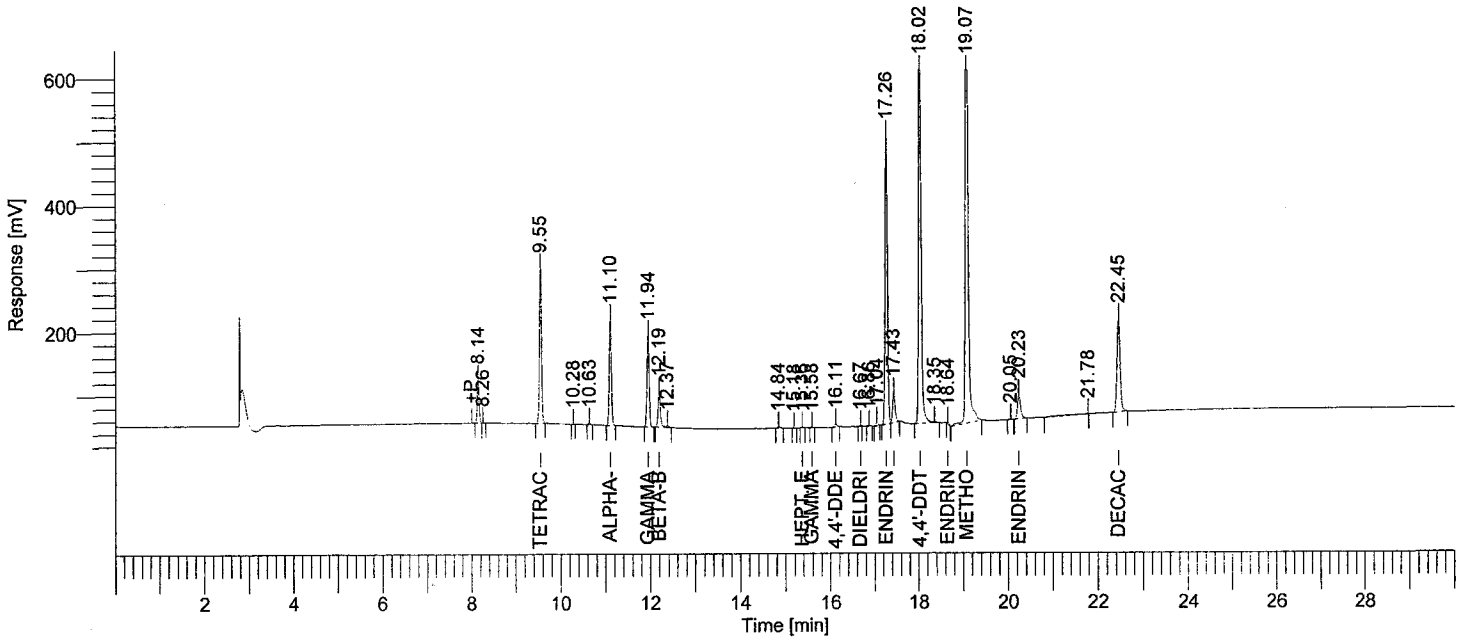
Sample Name : ICM3PN
File Name : H:\TURBO6\6890-05\5a10161.raw
Date : 07/03/2008 11:14:35
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 10.00 mV
Sample #: 0.05
Page 1 of 1
Time of Injection: 07/03/2008 09:15:03
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Scale: 600.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75092
 Operator : tchrom
 Sample Number : PEM
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/03/2008 09:51:23

Date : 07/03/2008 11:14:40
 Sample Name : ICM1BC
 Study : CCV
 Rack/Vial : 1/62
 Channel : A
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5a10162.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a10162.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10162.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10162.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10162.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.14	198854		B	0.19885	67808.89
2	8.26	2913		V	0.00291	969.29
3	9.55	790889	Tetrachloro-m-xylene	B	0.02613	243036.65
4	10.28	1410		B	0.00141	462.36
5	10.63	7669		B	0.00767	2368.55
6	11.10	533007	alpha-BHC	B	0.01322	166963.33
7	11.94	478700	gamma-BHC	B	0.01280	143692.41
8	12.19	206612	beta-BHC	B	0.01252	55506.95
9	12.37	14261		E	0.01426	2907.78
10	14.84	9961		B	0.00996	2114.98
11	15.18	2203		B	0.00220	727.53
12	15.36	3568	Hept. epoxide	B	6.14e-04	1035.49
13	15.58	2862	gamma chlordane	B	8.03e-04	917.53
14	16.11	17627	4,4'-DDE	B	0.00265	4559.86
15	16.67	1801	Dieldrin	B	0.00121	490.12
16	16.86	3634		B	0.00363	931.08

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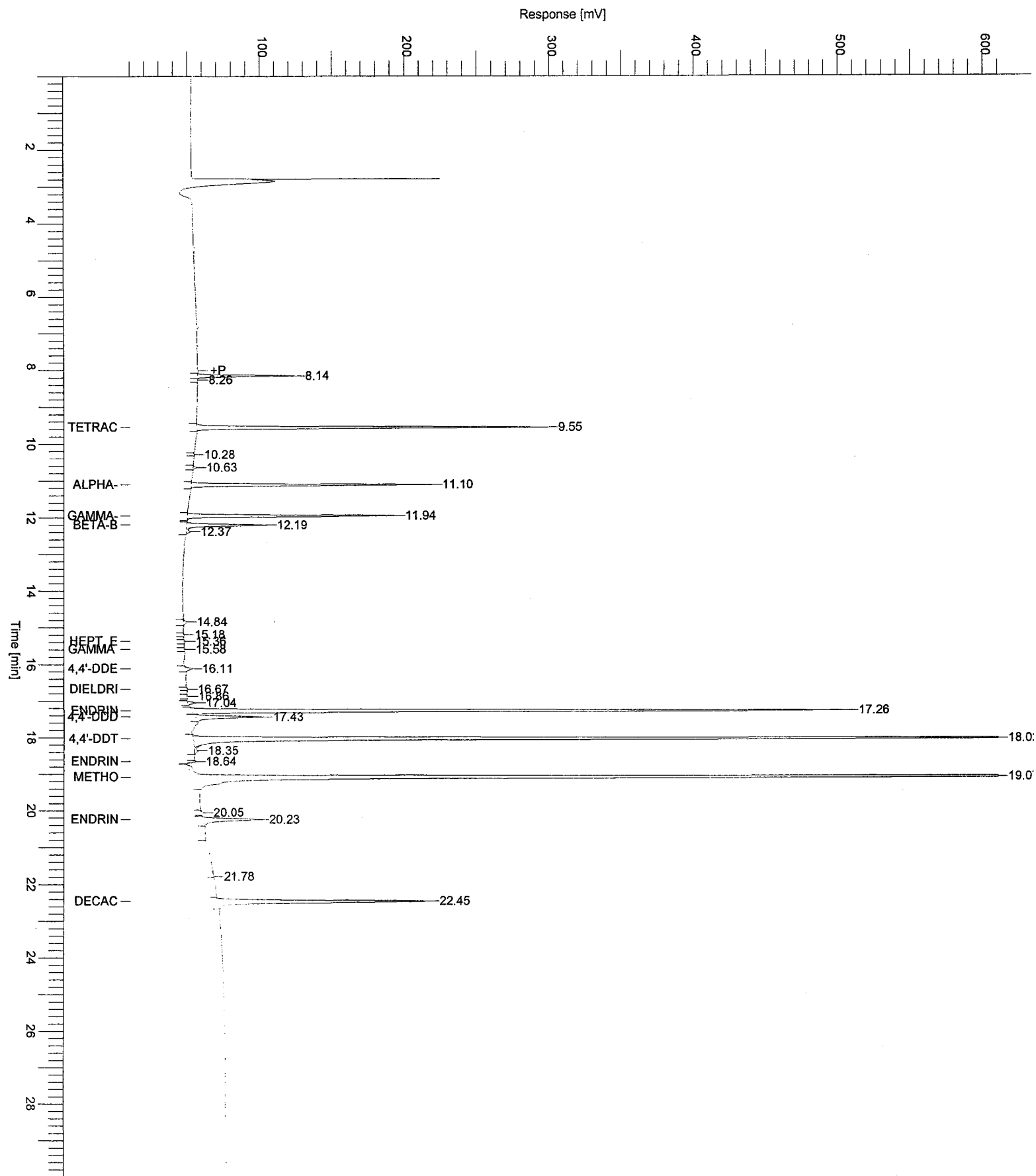
MAn

Endrin 10.2%
DDT 7.9%

07/03/2008 11:14:40 Result: H:\TURBO6\6890-05\5a10162.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	17.04	19073		B	0.01907	5594.00
18	17.26	1696626	Endrin	B	0.04970	454372.67
19	17.43	193068	4,4'-DDD	V	0.00749	46947.23
20	18.02	2622186	4,4'-DDT	B	0.09668	681776.39
21	18.35	17683		E	0.01768	2279.30
22	18.64	8851	Endrin aldehyde	B	-1.7e-03	2715.78
23	19.07	3466432	Methoxychlor	B	0.25202	830600.84
24	20.05	5604		B	0.00560	1346.60
25	20.23	183262	Endrin ketone	B	0.00507	38942.16
26	21.78	39795		B	0.03980	170.25
27	22.45	701395	Decachlorobiphenyl	B	0.02114	146594.80
		11229946			0.82339	2.91e+06

Sample Name : ICM1BC
File Name : H:\TURBO6\6890-05\5a10162.raw
Date : 07/03/2008 11:14:41
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # : PEM
Page 1 of 1
Time of Injection : 07/03/2008 09:51:23
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Scale : 600.0 mV



```

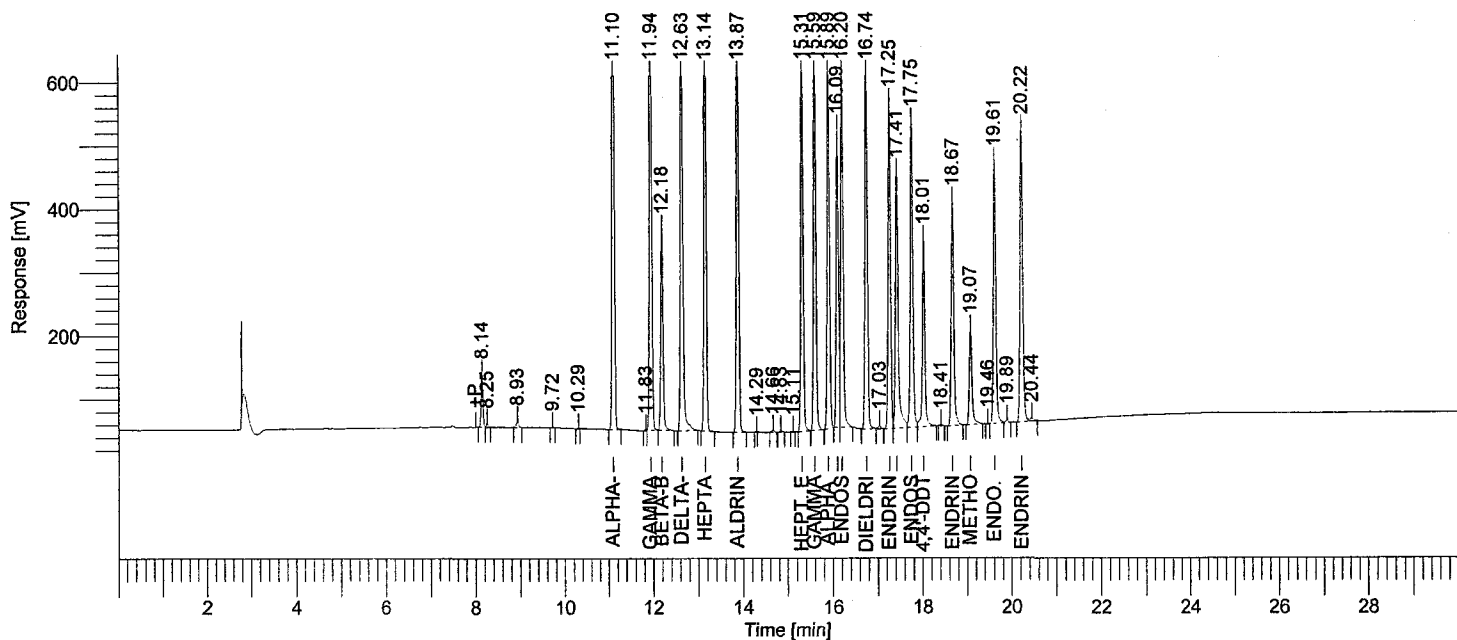
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75116
Operator          : tchrom
Sample Number     : 0.05
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/03/2008 14:30:30

Date              : 07/03/2008 15:04:07
Sample Name      : ICM25WT
Study            : CCV
Rack/Vial        : 1/68
Channel          : A
A/D mV Range     : 1000
End Time         : 29.97 min

Area Reject      : 3000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5a10168.raw <Modified>
Result File : H:\TURBO6\6890-05\5a10168.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10168.raw
Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10168.rst
Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10168.rst
Report Format File: h:\turbo6\6890-05\05%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
11.10	BB	3237573	alpha-BHC	0.06882	1.01e+06	37.6	11.05 - 11.15	
11.94	VB	2796160	gamma-BHC	0.06428	843246.43	28.6	11.89 - 11.99	
12.18	BB	1123692	beta-BHC	0.06401	315921.38	28.0	12.13 - 12.23	
12.63	BB	2601631	delta-BHC	0.06246	713480.69	24.9	12.58 - 12.68	
13.14	BB	2543913	Heptachlor	0.05629	766129.66	12.6	13.09 - 13.19	
13.87	BB	2433741	Aldrin	0.05544	723076.42	10.9	13.82 - 13.92	
15.31	BB	2214038	Hept. epoxide	0.05246	617971.56	4.9	15.26 - 15.36	
15.59	BB	2218996	gamma chlordane	0.05216	625326.03	4.3	15.54 - 15.64	
15.89	BB	2088618	alpha chlordane	0.05368	595373.82	7.4	15.84 - 15.94	
16.09	BV	1676888	4,4'-DDE	0.04537	468826.63	-9.3	16.04 - 16.14	
16.20	VB	2230636	Endosulfan I	0.05721	570236.25	14.4	16.15 - 16.25	
16.74	BV	2238928	Dieldrin	0.05748	607809.50	15.0	16.69 - 16.79	
17.25	BV	1905346	Endrin	0.05554	512364.27	11.1	17.20 - 17.30	
17.41	VV	1776798	4,4'-DDD	0.05625	401362.80	12.5	17.36 - 17.46	
17.75	VV	1902769	Endosulfan II	0.05950	479692.66	19.0	17.70 - 17.80	
18.01	VB	1189889	4,4'-DDT	0.04668	293188.03	-6.6	17.96 - 18.06	

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07/03/2008 15:04:07 Result: H:\TURBO6\6890-05\5a10168.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	-	Relative
18.67	BB	1441659	Endrin aldehyde	0.06595	351929.05	31.9	18.62	-	18.72
19.07	BB	634893	Methoxychlor	0.04852	149444.84	-3.0	19.02	-	19.12
19.61	VV	1683002	Endo. Sulfate	0.05773	411220.98	15.5	19.56	-	19.66
20.22	BE	1945351	Endrin ketone	0.05311	459709.53	6.2	20.17	-	20.27
		39884521		1.13295	1.09e+07				

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	9.550
Decachlorobiphenyl	22.460

Sample Name : ICM25WT

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-05\5a10168.raw

Date : 07/03/2008 15:04:08

Method : 6890-5ins

Time of Injection: 07/03/2008 14:30:30

Start Time : 0.00 min

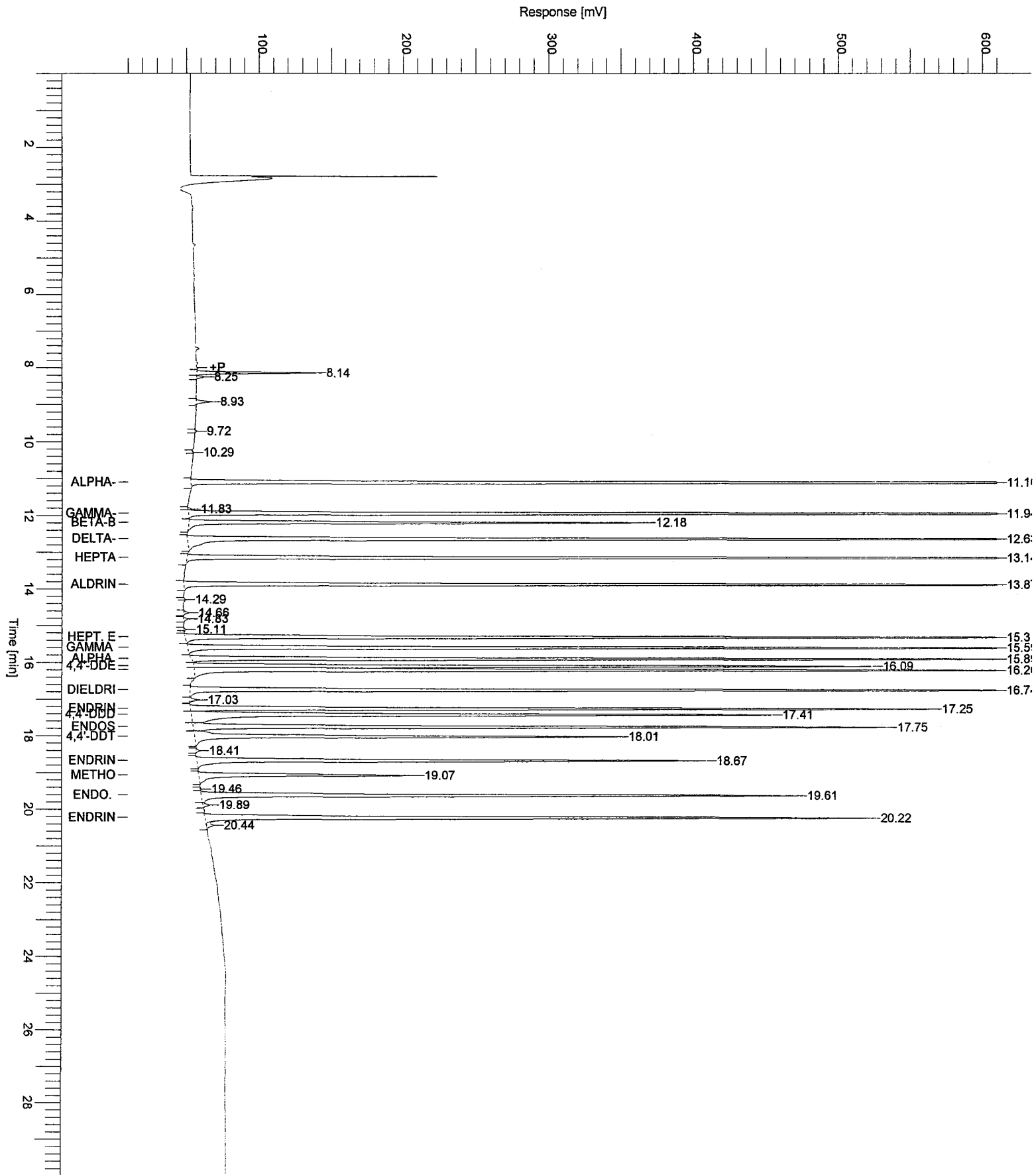
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 610.00 mV

Plot Offset: 10.00 mV

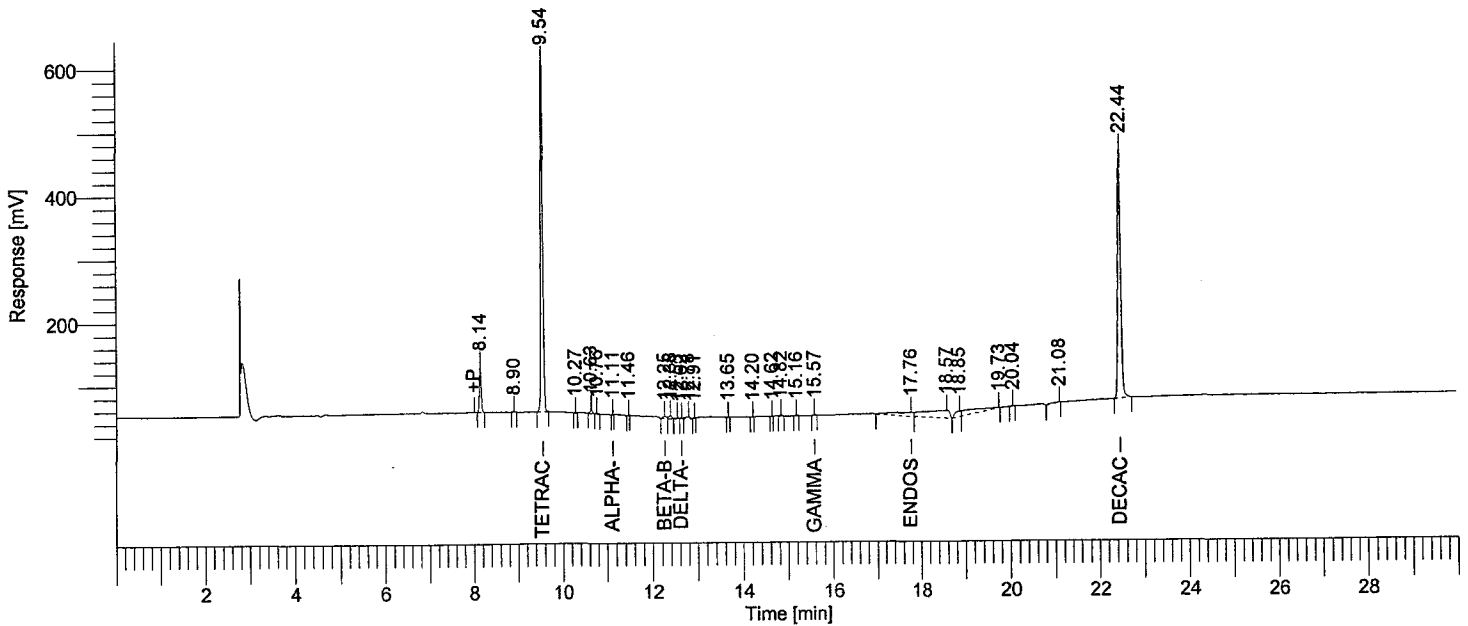
Plot Scale: 600.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75124
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/03/2008 15:06:45

Date : 07/05/2008 09:05:45
 Sample Name : ICM3PN
 Study : CCV
 Rack/Vial : 1/69
 Channel : A
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5a10169.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a10169.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10169.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10169.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10169.rst
 Report Format File: h:\turbo6\6890-05\05%d.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
9.54	BB	2163614	Tetrachloro-m-xy	0.06985	672810.45	39.7	9.49 - 9.59	
12.25	BV	22447	beta-BHC	0.00219	3323.81	-95.6	12.20 - 12.30	
12.62	VV	5180	delta-BHC	0.00229	1375.01	-95.4	12.57 - 12.67	
15.57	BB	6140	gamma chlordane	8.79e-04	2032.90	-98.2	15.52 - 15.62	
17.76	BV	211048	Endosulfan II	0.00709	6607.84	-85.8	17.71 - 17.81	
22.44	BB	1813024	Decachlorobiphen	0.05678	392672.51	13.6	22.39 - 22.49	
				0.13907	1.08e+06			

JUL 7 2008
W

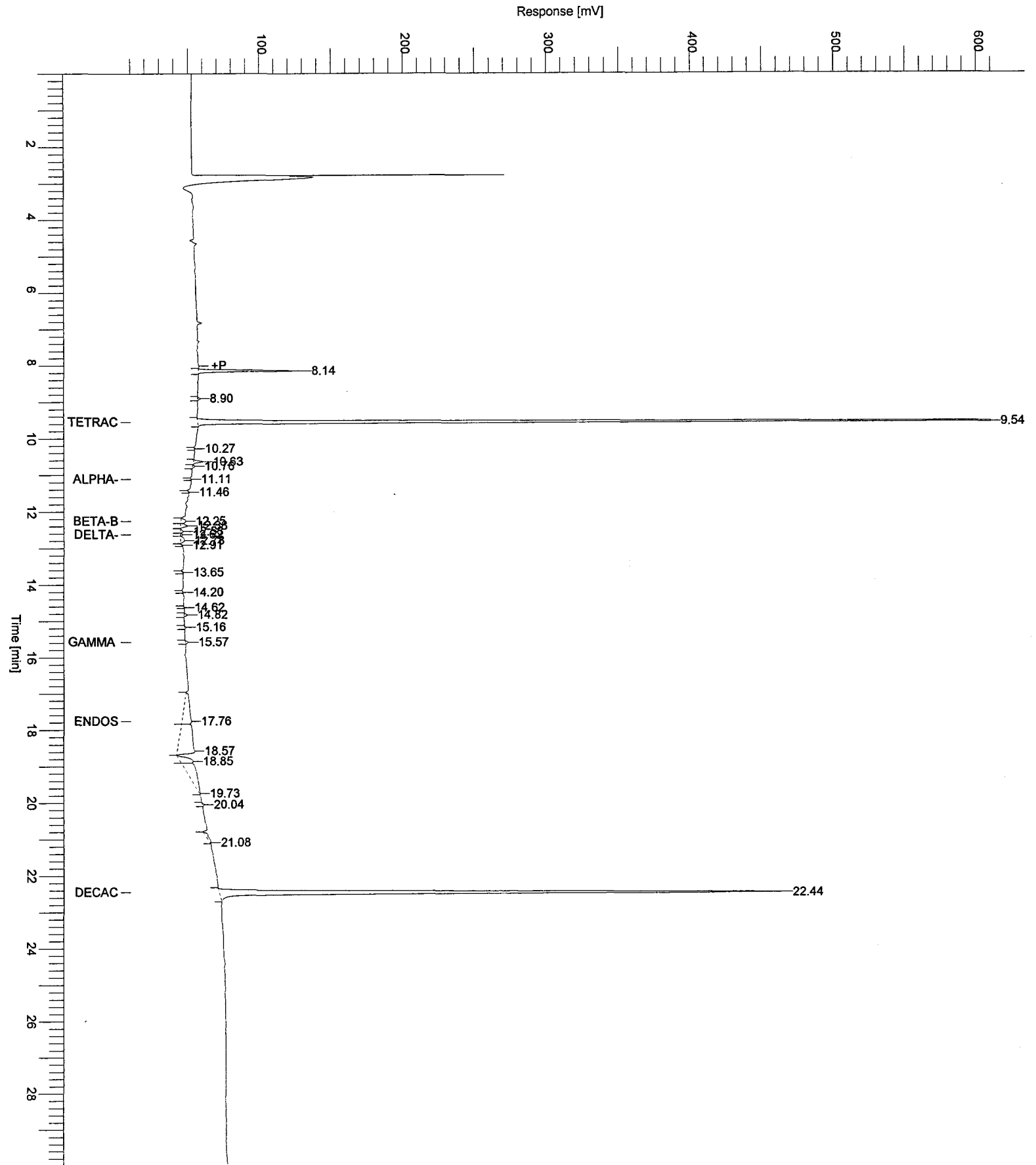
Missing Component Report

Component	Expected Retention (Calibration File)
gamma-BHC	11.948
Heptachlor	13.151
Aldrin	13.879
Hept. epoxide	15.319
alpha chlordane	15.906
4,4'-DDE	16.099
Endosulfan I	16.209
Dieldrin	16.751

Chromatogram

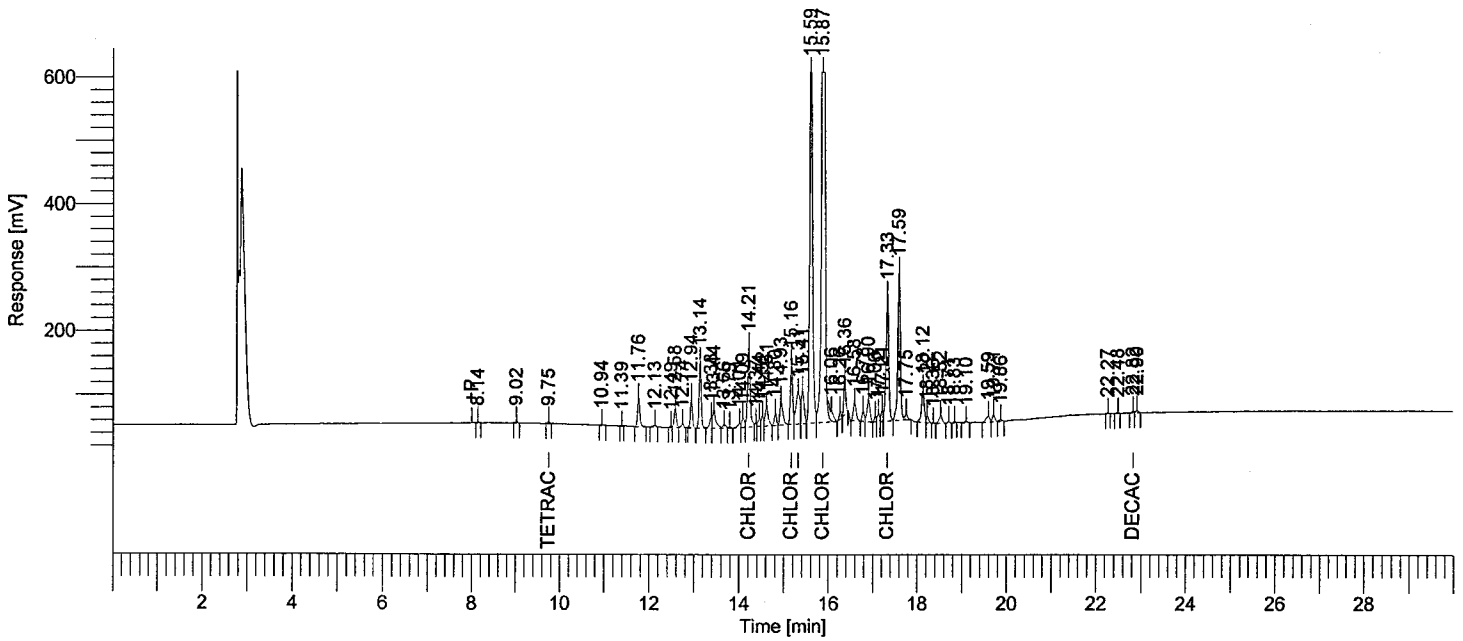
2091/4151

Sample Name : ICM3PN
File Name : H:\TURBO6\6890-05\5a10169.raw
Date : 07/05/2008 09:05:47
Method : 6890-5ins
Time of Injection : 07/03/2008 15:06:45
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Offset : 10.00 mV
Plot Scale : 600.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/07/2008 07:42:57
 Operator : tchrom Sample Name : ICM11QB
 Sample Number : 0.5 Study : CCV
 AutoSampler : BUILT-IN Rack/Vial : 1/70
 Instrument Name : HP6890-05 Channel : A
 Instrument Serial # : CN10520009 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.97 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 15:42:57 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5a10170.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a10170.rst [Editing in Progress]
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10170.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10170.rst [Editing in Progress]
 Calib Method : h:\turbo6\6890-05\05a-chlordane(01-25-08)2.mth from H:\TURBO6\6890-05\5a10170.rst [Editing in Progress]
 Report Format File: h:\turbo6\6890-05\05pcb%d.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP6890-05 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
15.87	7204976	CHLORDANE	0.57014	14.0	5
	7204976		0.57014	14.0	

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Group Report For : CHLORDANE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
14.21	511215	chlordan: A	0.58822	17.6	0
15.16	337510	chlordan: B	0.54308	8.6	0
15.31	312692	chlordan: C	0.58140	16.3	0
15.87	5179435	chlordan: D	0.56523	13.0	0
17.33	864123	chlordan: E	0.59825	19.6	0
	7204976		2.87619	75.2	

Sample Name : ICM11QB

Sample #: 0.5

Page 1 of 1

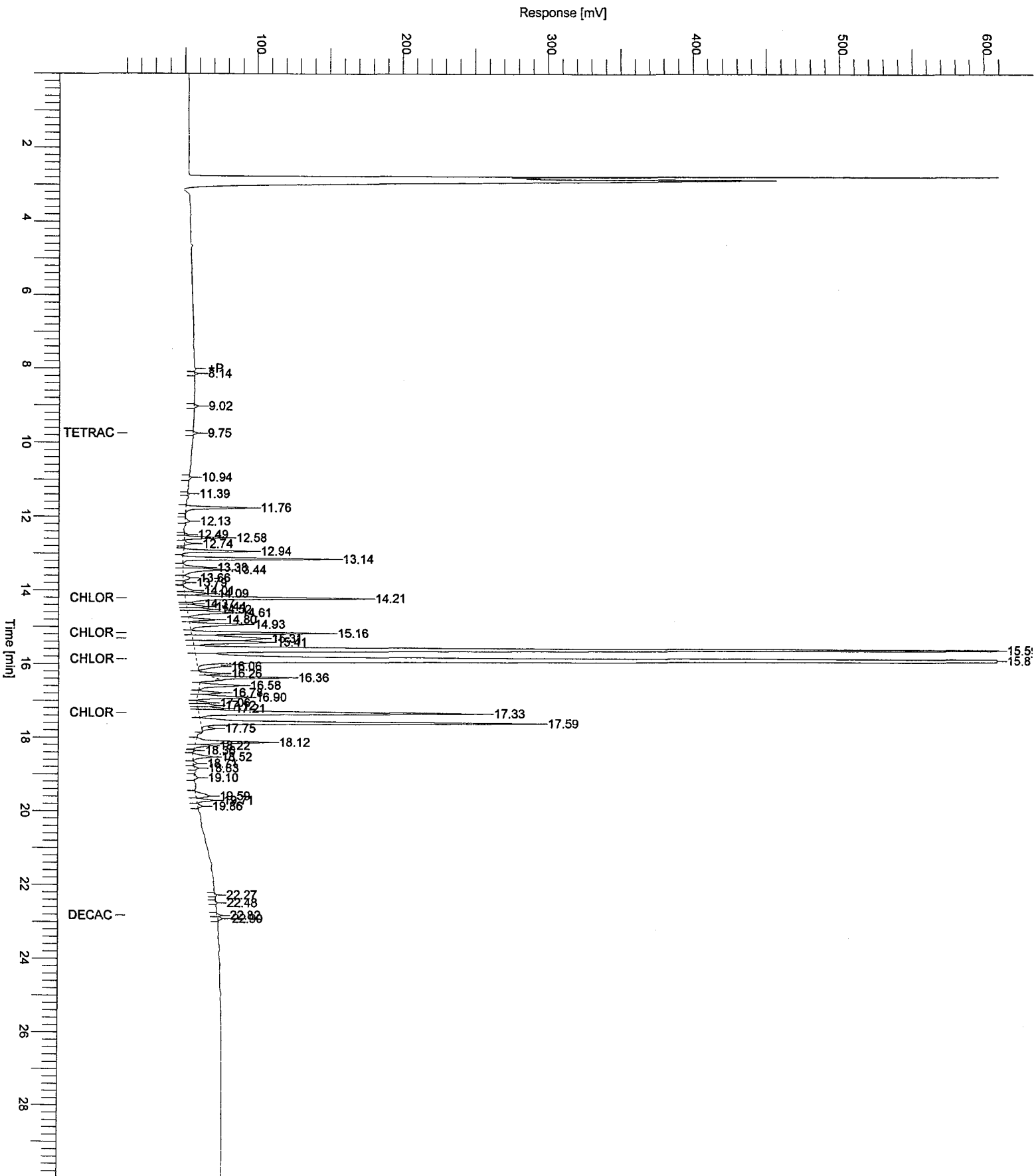
FileName : H:\TURBO6\6890-05\5a10170.raw

Date : 07/07/2008 07:43:00

Method : Time of Injection: 07/03/2008 15:42:57

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV

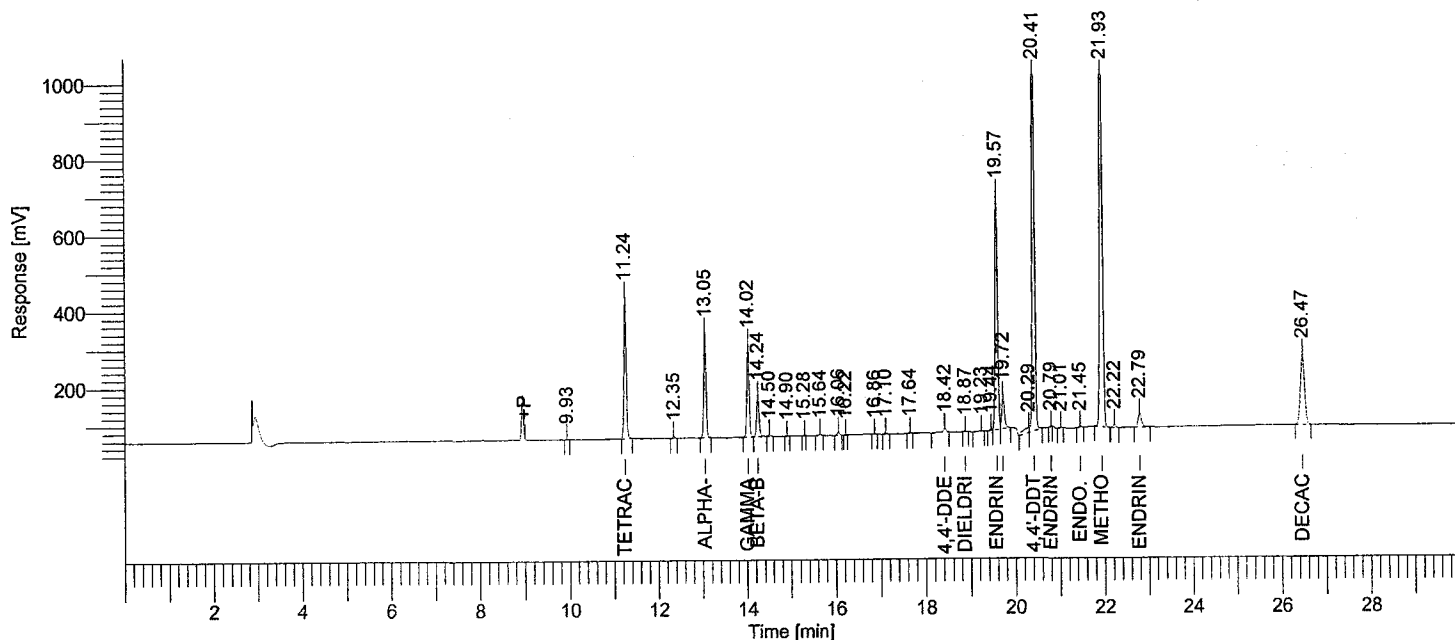
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75018
 Operator : tchrom
 Sample Number : PEM
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 09:06:33

Date : 07/02/2008 11:00:01
 Sample Name : ICM1BC
 Study : CCV
 Rack/Vial : 1/40
 Channel : B
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5b10140.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10140.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10140.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10140.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10140.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.93	4340		B	0.00434	1318.68
2	11.24	1312770	Tetrachloro-m-xylene	B	0.02028	371486.05
3	12.35	15532		B	0.01553	4359.97
4	13.05	947081	alpha-BHC	B	0.01016	273086.04
5	14.02	884494	gamma-BHC	B	0.00967	242714.13
6	14.24	423419	beta-BHC	V	0.01102	106106.56
7	14.50	19633		V	0.01963	4932.93
8	14.90	2790		B	0.00279	910.75
9	15.28	1912		B	0.00191	590.17
10	15.64	16151		B	0.01615	4053.10
11	16.06	27134		B	0.02713	7284.74
12	16.22	1998		B	0.00200	740.55
13	16.86	3565		B	0.00356	917.13
14	17.10	13411		B	0.01341	2968.58
15	17.64	8004		B	0.00800	2107.32
16	18.42	59596	4,4'-DDE	B	0.00189	9895.85

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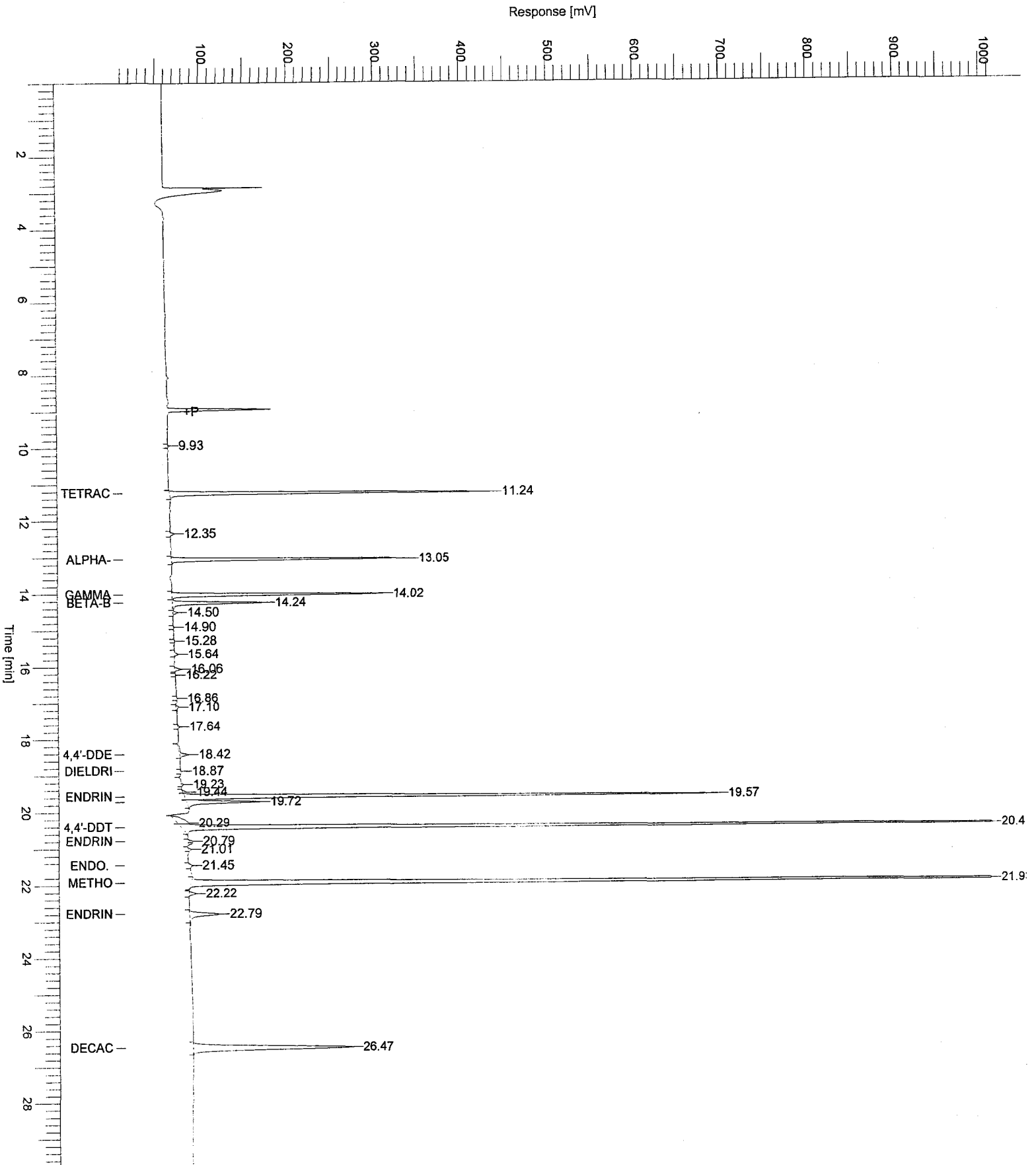
Endrin 7.8%
DDT 9.1%

07/02/2008 11:00:01 Result: H:\TURBO6\6890-05\5b10140.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	18.87	4462	Dieldrin	B	0.00109	1159.04
18	19.23	17196		B	0.01720	2311.64
19	19.44	14631		B	0.01463	4060.77
20	19.57	2476957	Endrin	V	0.04763	616317.33
21	19.72	359041	4,4'-DDD	V	0.00783	83995.90
22	20.29	132008		B	0.13201	12767.92
23	20.41	4163069	4,4'-DDT	V	0.09357	1.09e+06
24	20.79	6219	Endrin aldehyde	B	-1.5e-04	1938.34
25	21.01	10131		B	0.01013	2914.13
26	21.45	14124	Endo. Sulfate	B	3.59e-04	3022.28
27	21.93	4969283	Methoxychlor	B	0.22619	1.18e+06
28	22.22	31592		B	0.03159	7683.96
29	22.79	204548	Endrin ketone	B	0.00378	34685.07
30	26.47	1248174	Decachlorobiphenyl	B	0.01962	183673.11
		17393265			0.77298	4.25e+06

Chromatogram

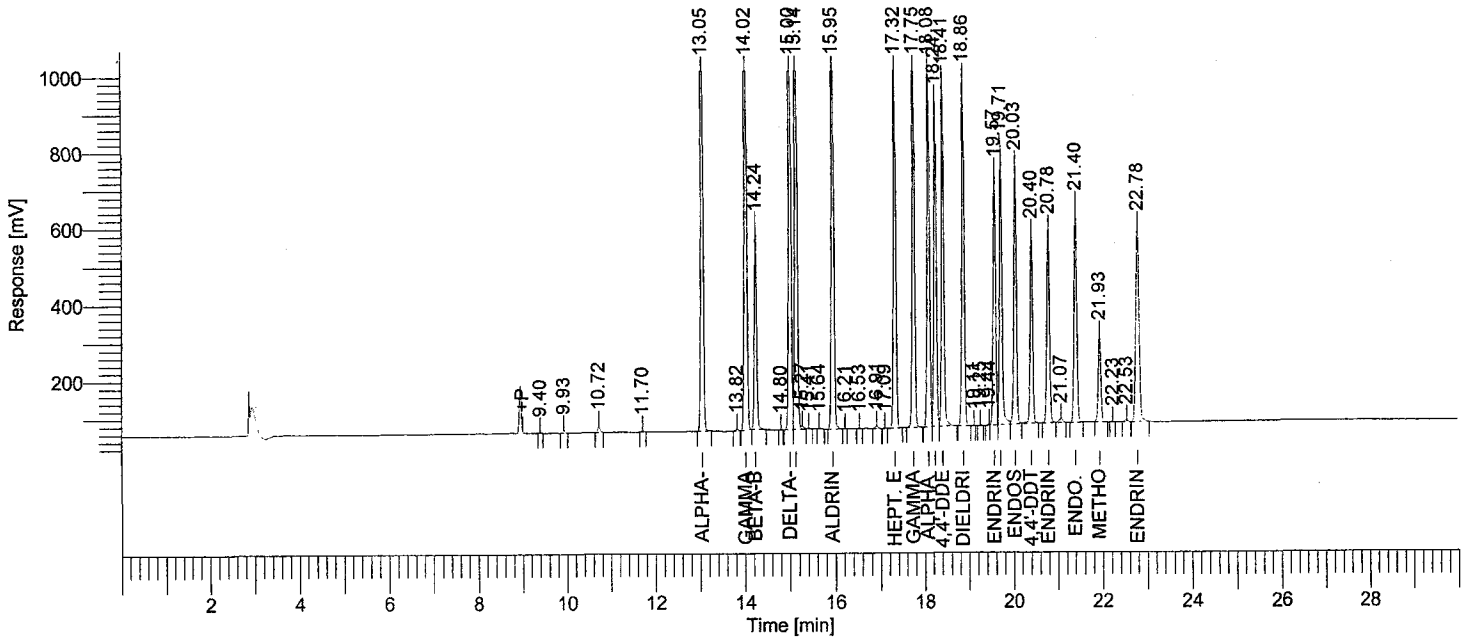
Sample Name : ICM1BC
File Name : H:\TURBO6\6890-05\5b10140.raw
Date : 07/02/2008 11:00:02
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # : PEM
Page 1 of 1
Time of Injection : 07/02/2008 09:06:33
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1010.00 mV
Plot Scale : 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75020
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 09:42:53

Date : 07/02/2008 11:00:07
 Sample Name : ICM25WS
 Study : CCV
 Rack/Vial : 1/41
 Channel : B
 A/D mV Range : 1000
 End Time : 29.97 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5b10141.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10141.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10141.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10141.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10141.rst
 Report Format File: h:\turbo6\6890-05\05%d.rst
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
13.05	BB	5318016	alpha-BHC	0.05182	1.53e+06	3.6	13.00 - 13.10
14.02	BB	4682731	gamma-BHC	0.05266	1.31e+06	5.3	13.97 - 14.07
14.24	BB	1988264	beta-BHC	0.05502	529758.84	10.0	14.19 - 14.29
15.00	BV	4524831	delta-BHC	0.05214	1.23e+06	4.3	14.95 - 15.05
15.14	VE	4618257	Heptachlor	0.05306	1.27e+06	6.1	15.09 - 15.19
15.95	BB	4220749	Aldrin	0.05237	1.15e+06	4.7	15.90 - 16.00
17.32	VB	3721229	Hept. epoxide	0.05220	979633.97	4.4	17.27 - 17.37
17.75	BB	3810390	gamma chlordane	0.05213	1.00e+06	4.3	17.70 - 17.80
18.08	BV	3546411	alpha chlordane	0.05332	934855.40	6.6	18.03 - 18.13
18.24	VV	3323928	Endosulfan I	0.05157	855825.81	3.1	18.19 - 18.29
18.41	VB	3422472	4,4'-DDE	0.05104	907172.70	2.1	18.36 - 18.46
18.86	BB	3540755	Dieldrin	0.05159	911676.97	3.2	18.81 - 18.91
19.57	VV	2650577	Endrin	0.05083	660529.27	1.7	19.52 - 19.62
19.71	VV	2928304	4,4'-DDD	0.05188	725433.73	3.8	19.66 - 19.76
20.03	VV	2757641	Endosulfan II	0.05507	677223.46	10.1	19.98 - 20.08
20.40	VB	1894632	4,4'-DDT	0.04523	494630.57	-9.5	20.35 - 20.45

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07/02/2008 11:00:07 Result: H:\TURBO6\6890-05\5b10141.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window -	Relative
20.78	BV	2108945	Endrin aldehyde	0.05154	504883.14	3.1	20.73 -	20.83
21.40	BB	2485690	Endo. Sulfate	0.05115	565527.27	2.3	21.35 -	21.45
21.93	BB	969993	Methoxychlor	0.04682	226001.69	-6.4	21.88 -	21.98
22.78	BB	2685154	Endrin ketone	0.04802	510517.43	-4.0	22.73 -	22.83
		65198968		1.02946	1.70e+07			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	11.260
Decachlorobiphenyl	26.500

Sample Name : ICM25WS

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b10141.raw

Date : 07/02/2008 11:00:09

Time of Injection: 07/02/2008 09:42:53

Method : 6890-5ins

Start Time : 0.00 min

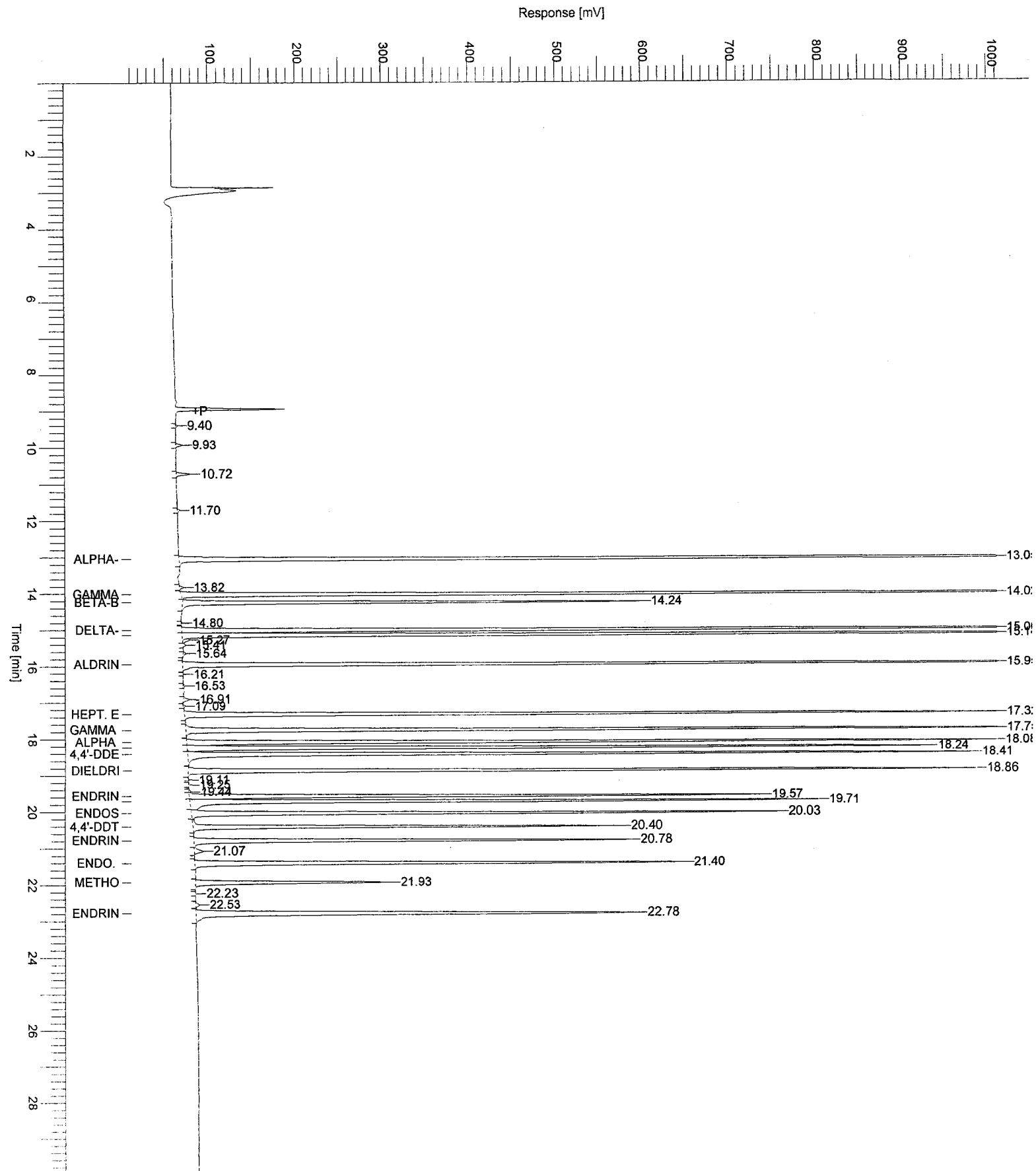
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 1010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 1000.0 mV



```

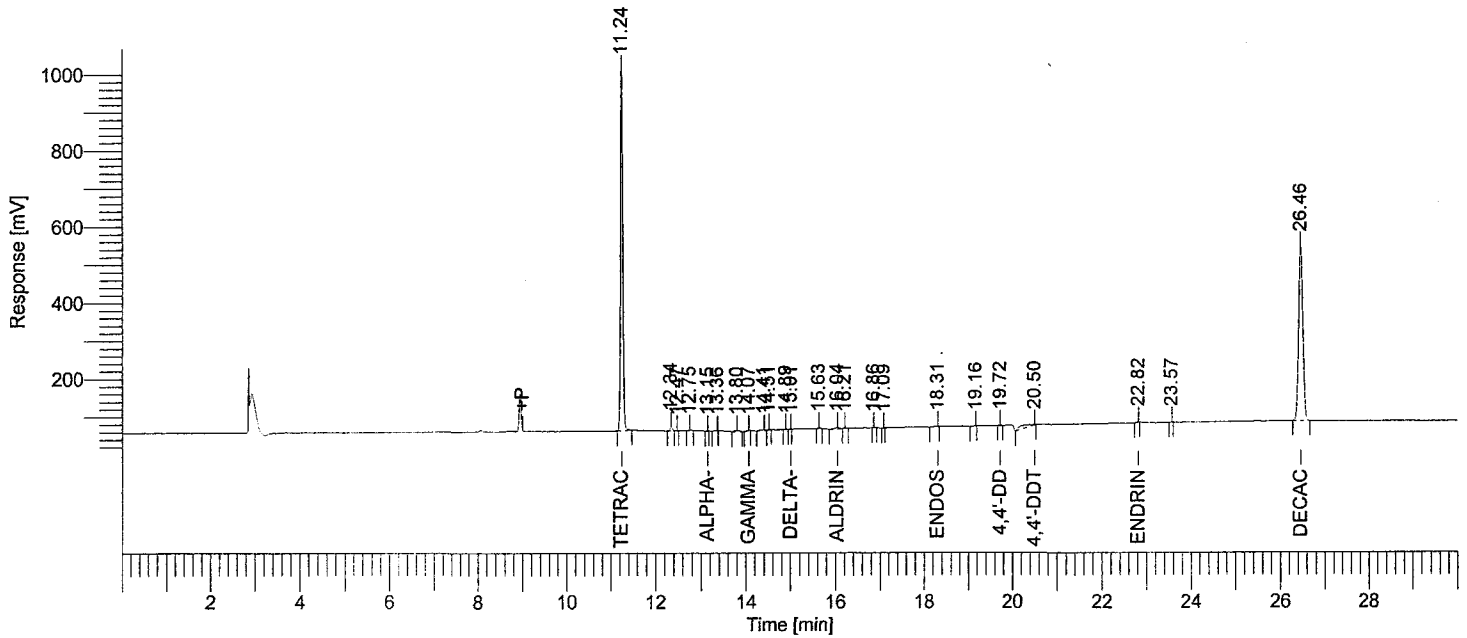
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75022
Operator          : tchrom
Sample Number     : 0.05
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 07/02/2008 10:19:05

Date              : 07/02/2008 11:00:13
Sample Name      : ICM3PN
Study            : CCV
Rack/Vial       : 1/42
Channel         : B
A/D mV Range    : 1000
End Time        : 29.98 min

Area Reject     : 3000.000000
Dilution Factor : 1.00
Cycle           : 3
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b10142.raw <Modified>
Result File   : H:\TURBO6\6890-05\5b10142.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10142.raw
Proc Method  : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10142.rst
Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10142.rst
Report Format File: h:\turbo6\6890-05\05%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
11.24	BB	3379332	Tetrachloro-m-xy	0.05141	965425.04	2.8	11.19 - 11.29	
14.07	BB	8430	gamma-BHC	-2.4e-04	1284.30	-100.5	14.02 - 14.12	
16.04	BB	32390	Aldrin	0.00174	5117.42	96.5	15.99 - 16.09	
18.31	BB	5643	Endosulfan I	8.66e-05	449.71	-98.8	18.26 - 18.36	
20.50	BB	147059	4,4'-DDT	0.00798	1056.11	-84.0	20.45 - 20.55	
26.46	BB	3102729	Decachlorobiphen	0.05002	454897.74	0.0	26.41 - 26.51	
		6675582		0.11100	1.43e+06			

JUL 2 2008
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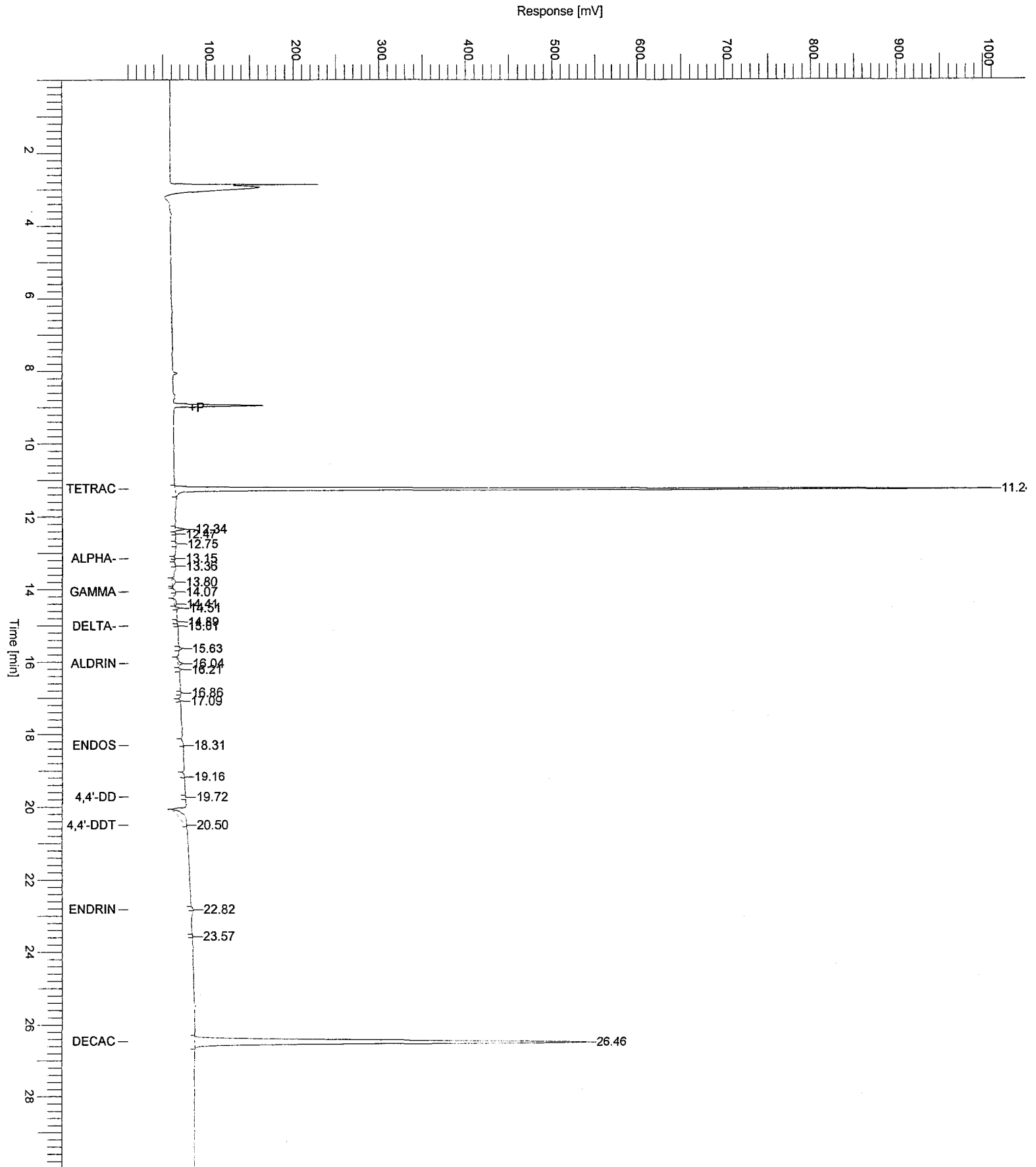
Missing Component Report

Component	Expected Retention (Calibration File)
beta-BHC	14.257
Heptachlor	15.158
Hept. epoxide	17.341
gamma chlordane	17.769
alpha chlordane	18.105
4,4'-DDE	18.432

Chromatogram

2101/4151

Sample Name : ICM3PN Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10142.raw
Date : 07/02/2008 11:00:14
Method : 6890-5ins Time of Injection: 07/02/2008 10:19:05
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



```

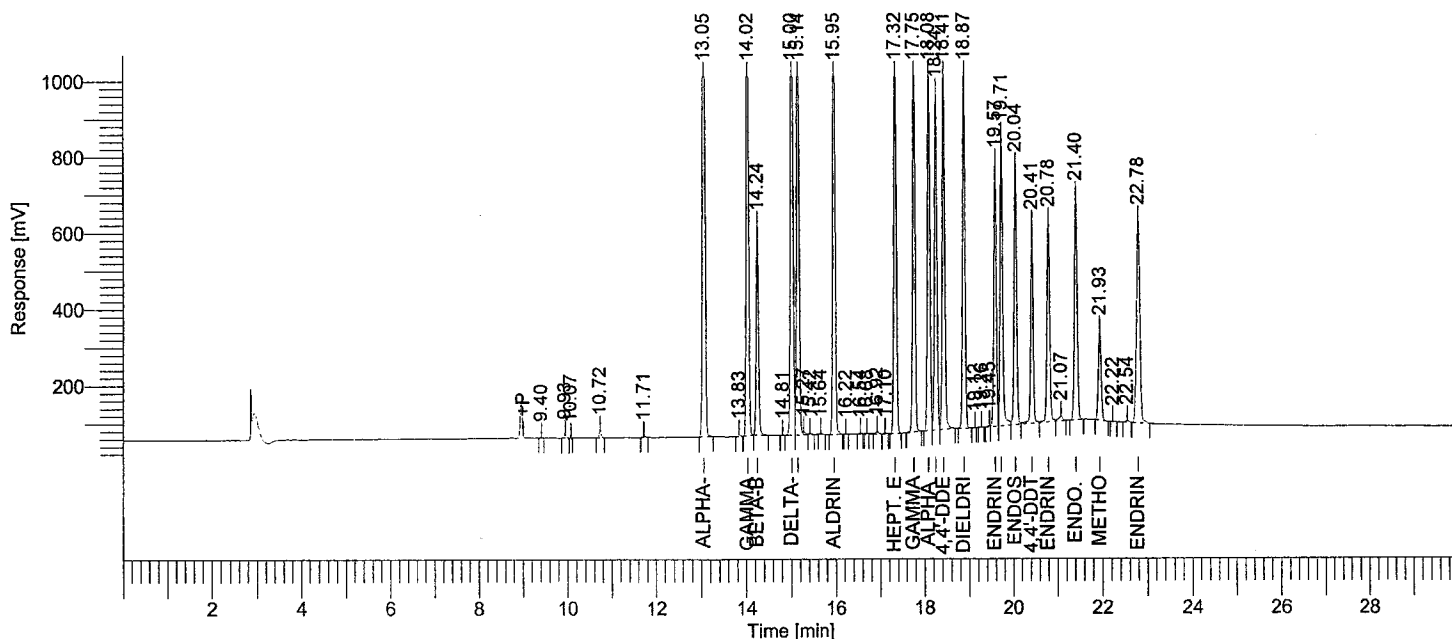
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75062
Operator          : tchrom
Sample Number     : 0.05
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 07/02/2008 15:01:15

Date              : 07/02/2008 15:41:11
Sample Name      : ICM25WT
Study            : CCV
Rack/Vial       : 1/49
Channel         : B
A/D mV Range    : 1000
End Time        : 29.95 min

Area Reject     : 3000.000000
Dilution Factor : 1.00
Cycle           : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b10149.raw <Modified>
Result File   : H:\TURBO6\6890-05\5b10149.rst
Inst Method   : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10149.raw
Proc Method   : h:\turbo6\6890-05\5b-process.mth from H:\TURBO6\6890-05\5b10149.rst
Calib Method  : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10149.rst
Report Format  : h:\turbo6\6890-05\05% d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
13.05	BB	5477709	alpha-BHC	0.05334	1.58e+06	6.7	13.00 - 13.10
14.02	BB	4826884	gamma-BHC	0.05429	1.35e+06	8.6	13.97 - 14.07
14.24	BB	2043041	beta-BHC	0.05656	546414.23	13.1	14.19 - 14.29
15.00	VV	4664001	delta-BHC	0.05369	1.26e+06	7.4	14.95 - 15.05
15.14	VE	4753195	Heptachlor	0.05459	1.30e+06	9.2	15.09 - 15.19
15.95	BB	4337713	Aldrin	0.05379	1.18e+06	7.6	15.90 - 16.00
17.32	VB	3830418	Hept. epoxide	0.05372	1.01e+06	7.4	17.27 - 17.37
17.75	BB	3920601	gamma chlordane	0.05363	1.04e+06	7.3	17.70 - 17.80
18.08	BV	3641314	alpha chlordane	0.05473	956769.38	9.5	18.03 - 18.13
18.24	VV	3425818	Endosulfan I	0.05315	881799.92	6.3	18.19 - 18.29
18.41	VB	3524181	4,4'-DDE	0.05252	945741.38	5.0	18.36 - 18.46
18.87	BB	3652264	Dieldrin	0.05319	934098.99	6.4	18.82 - 18.92
19.57	VV	2754835	Endrin	0.05276	687535.05	5.5	19.52 - 19.62
19.71	VV	3055152	4,4'-DDD	0.05405	756359.05	8.1	19.66 - 19.76
20.04	VV	2700336	Endosulfan II	0.05391	673338.41	7.8	19.99 - 20.09
20.41	VV	2029715	4,4'-DDT	0.04811	518360.57	-3.8	20.36 - 20.46

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07/02/2008 15:41:11 Result: H:\TURBO6\6890-05\5b10149.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window -	Relative
20.78	VV	2211766	Endrin aldehyde	0.05407	521525.41	8.1	20.73 -	20.83
21.40	BB	2551638	Endo. Sulfate	0.05251	584554.16	5.0	21.35 -	21.45
21.93	BB	994834	Methoxychlor	0.04793	233386.25	-4.1	21.88 -	21.98
22.78	BB	2771096	Endrin ketone	0.04955	529487.65	-0.9	22.73 -	22.83
		67166509		1.06008	1.75e+07			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	11.260
Decachlorobiphenyl	26.500

Sample Name : ICM25WT

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b10149.raw

Date : 07/02/2008 15:41:13

Time of Injection: 07/02/2008 15:01:15

Method : 6890-5ins

Start Time : 0.00 min

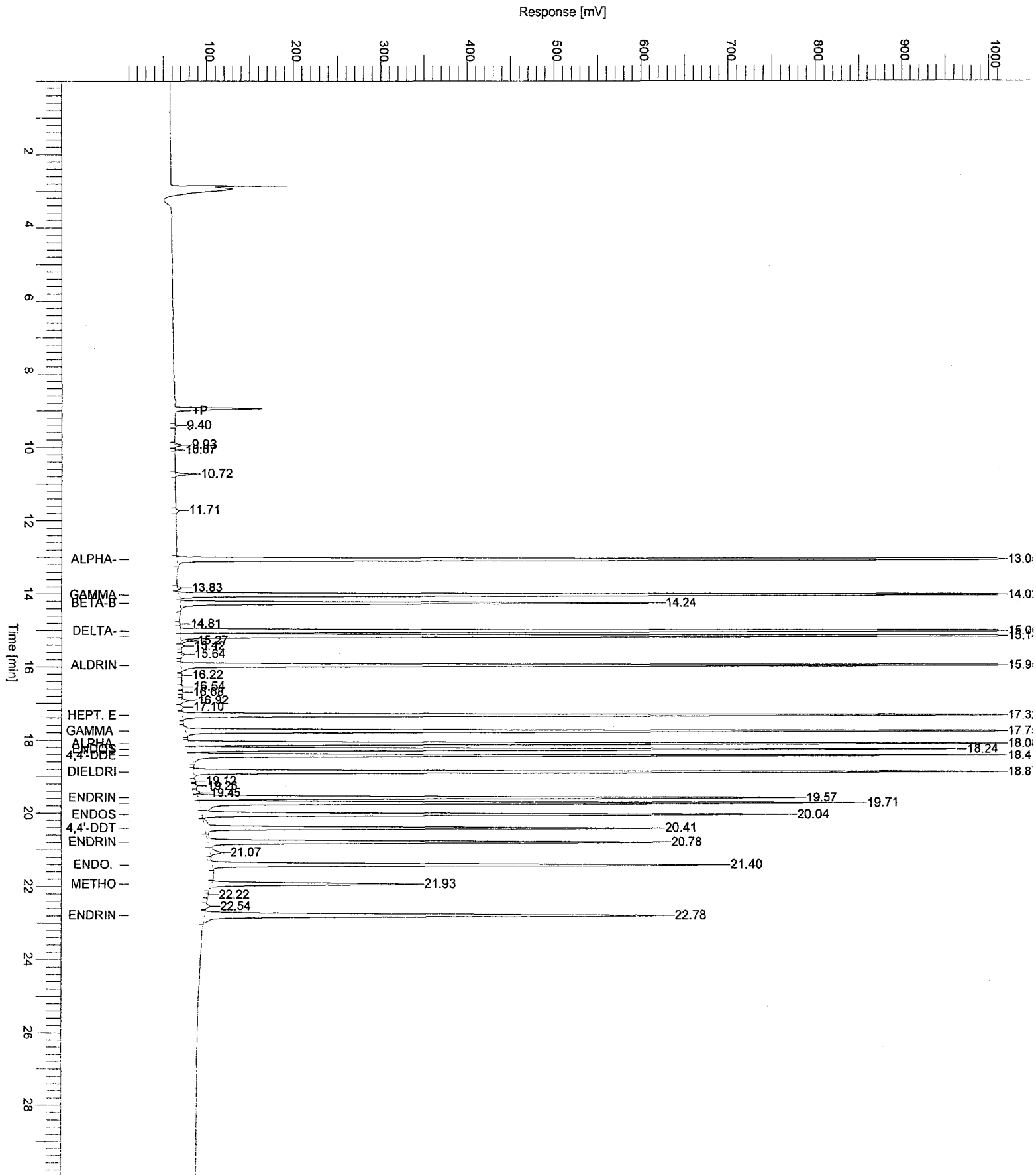
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 1010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 1000.0 mV




```

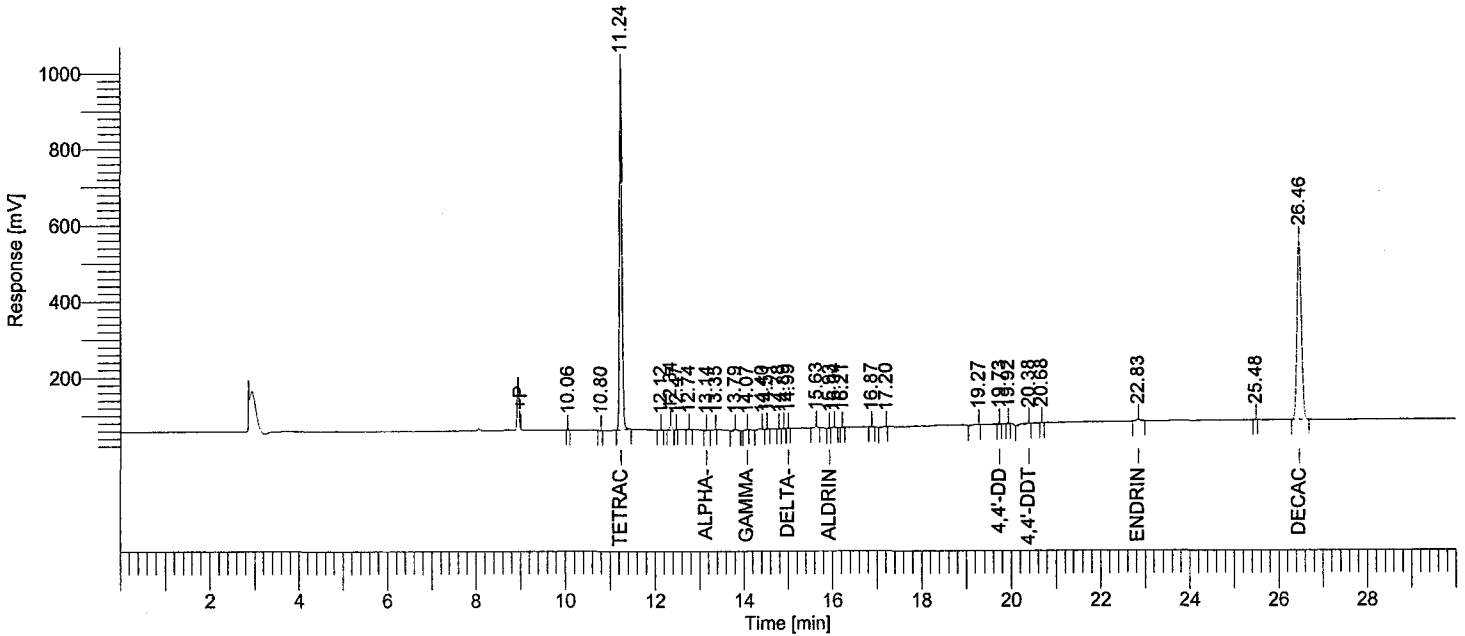
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75069
Operator          : tchrom
Sample Number     : 0.05
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/02/2008 15:37:28

Date              : 07/03/2008 07:33:44
Sample Name       : ICM3PN
Study             : CCV
Rack/Vial         : 1/50
Channel           : B
A/D mV Range     : 1000
End Time         : 29.98 min

Area Reject      : 3000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b10150.raw <Modified>
Result File   : H:\TURBO6\6890-05\5b10150.rst
Inst Method  : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10150.raw
Proc Method  : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10150.rst
Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10150.rst
Report Format File: h:\turbo6\6890-05\05%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
11.24	BB	3441189	Tetrachloro-m-xy	0.05234	979786.31	4.7	11.19 - 11.29	
13.14	BB	8755	alpha-BHC	0.00122	1866.61	-97.6	13.09 - 13.19	
14.07	BB	8498	gamma-BHC	-2.4e-04	1237.44	-100.5	14.02 - 14.12	
15.93	BV	7046	Aldrin	0.00143	1576.62	-97.1	15.88 - 15.98	
20.38	BB	36565	4,4'-DDT	0.00563	992.14	-89.7	20.33 - 20.43	
22.83	BB	27255	Endrin ketone	6.16e-04	3354.41	-98.8	22.78 - 22.88	
26.46	BB	3191921	Decachlorobiphen	0.05148	466819.11	3.0	26.41 - 26.51	
		6721229		0.11248	1.46e+06			

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Missing Component Report

Component	Expected Retention (Calibration File)
beta-BHC	14.257
Heptachlor	15.158
Hept. epoxide	17.341
gamma chlordane	17.769
alpha chlordane	18.105
Endosulfan I	18.261
4,4'-DDE	18.432

Sample Name : ICM3PN

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b10150.raw

Date : 07/03/2008 07:33:45

Method : 6890-5ins

Time of Injection: 07/02/2008 15:37:28

Start Time : 0.00 min

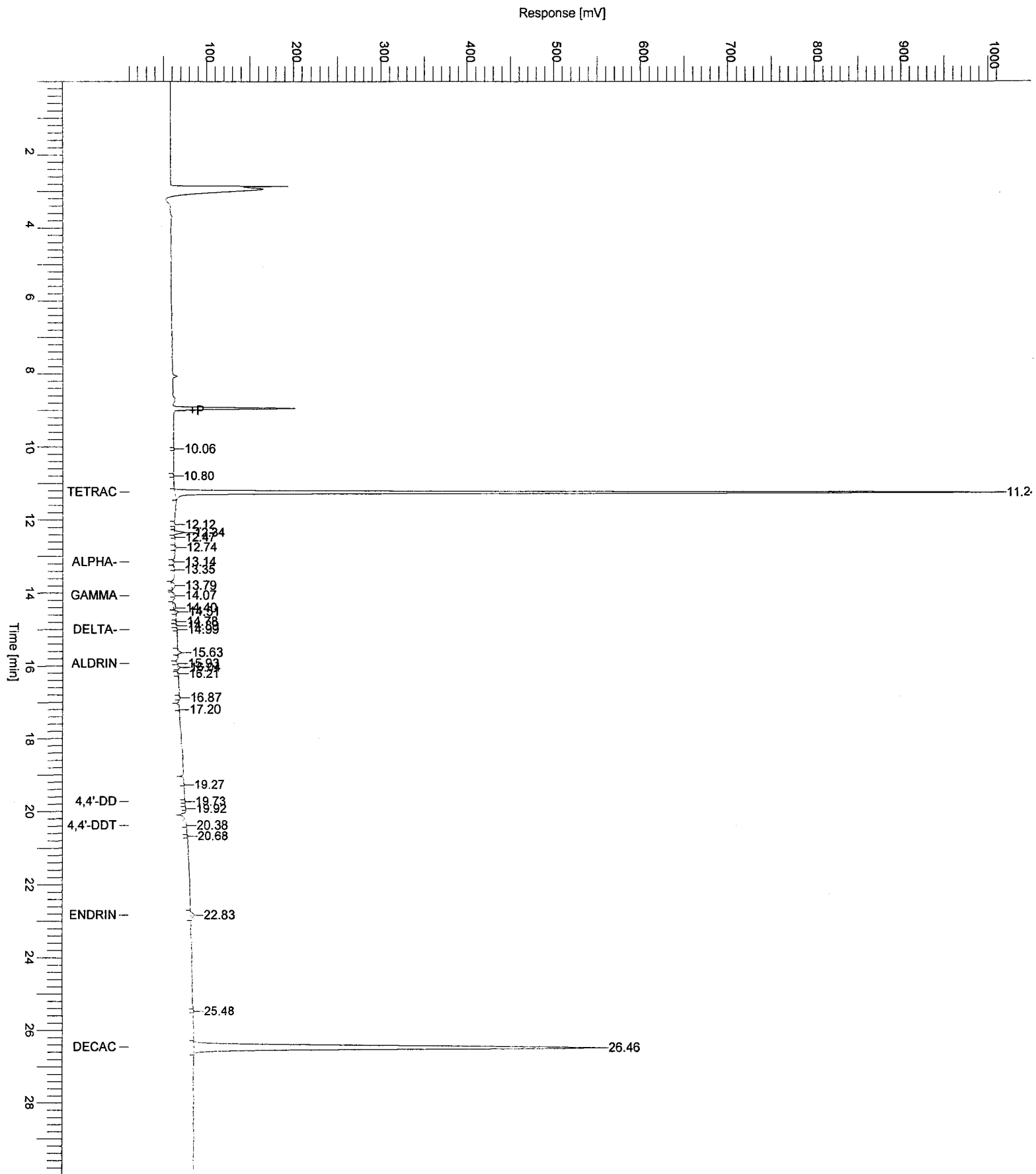
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 1010.00 mV

Plot Offset: 10.00 mV

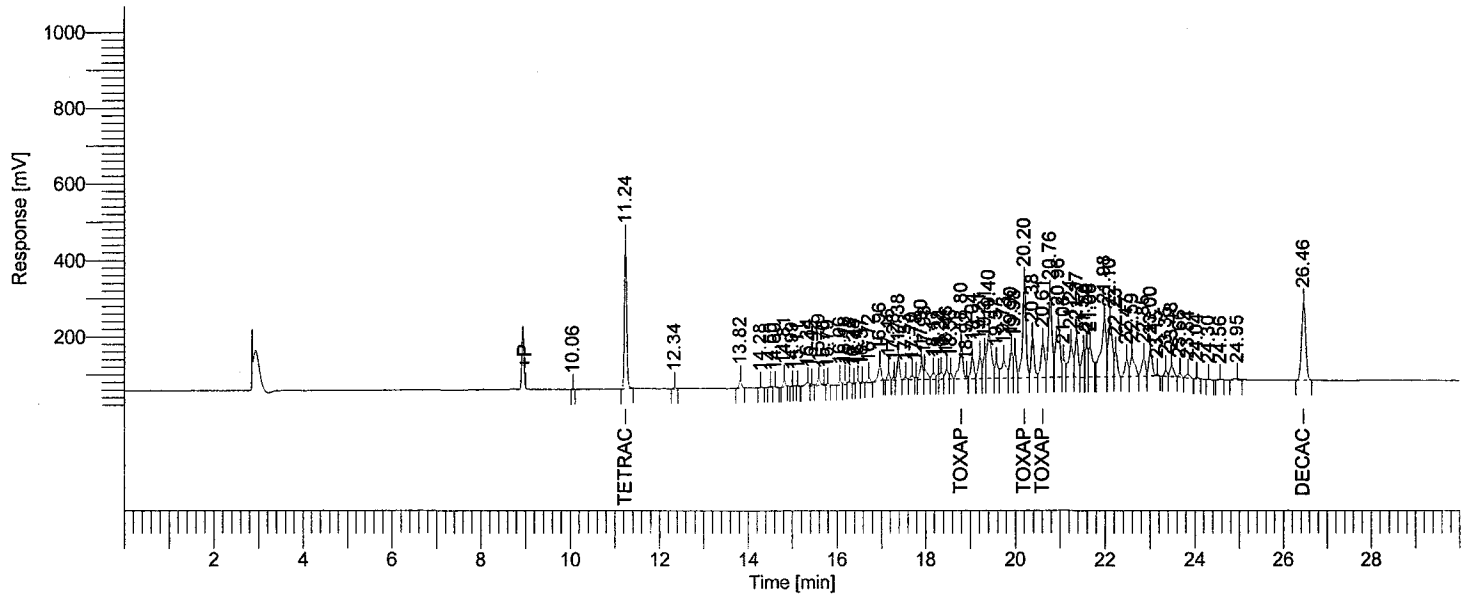
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Operator : tchrom
 Sample Number : 0.5
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 16:13:53

Date : 07/03/2008 07:58:17
 Sample Name : ICM14QG
 Study : CCV
 Rack/Vial : 1/51
 Channel : B
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5b10151.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10151.rst [Editing in Progress]
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10151.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10151.rst [Editing in Progress]
 Calib Method : h:\turbo6\6890-05\05b-toxaphene(01-26-08)2.mth from H:\TURBO6\6890-05\5b10151.rst [Editing in Progress]
 Report Format File: h:\turbo6\6890-05\05pcb%d.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP6890-05 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
20.20	2403585	TOXAPHENE	0.95242	90.5	3
	2403585		0.95242	90.5	

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Group Report For : TOXAPHENE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
18.80	533444	Toxaphene-a	1.06976	114.0	0
20.20	1334744	Toxaphene-b	0.91956	83.9	0
20.61	535397	Toxaphene-c	0.93844	87.7	0
	2403585		2.92775	285.6	

Sample Name : ICM14QG

Sample #: 0.5

Page 1 of 1

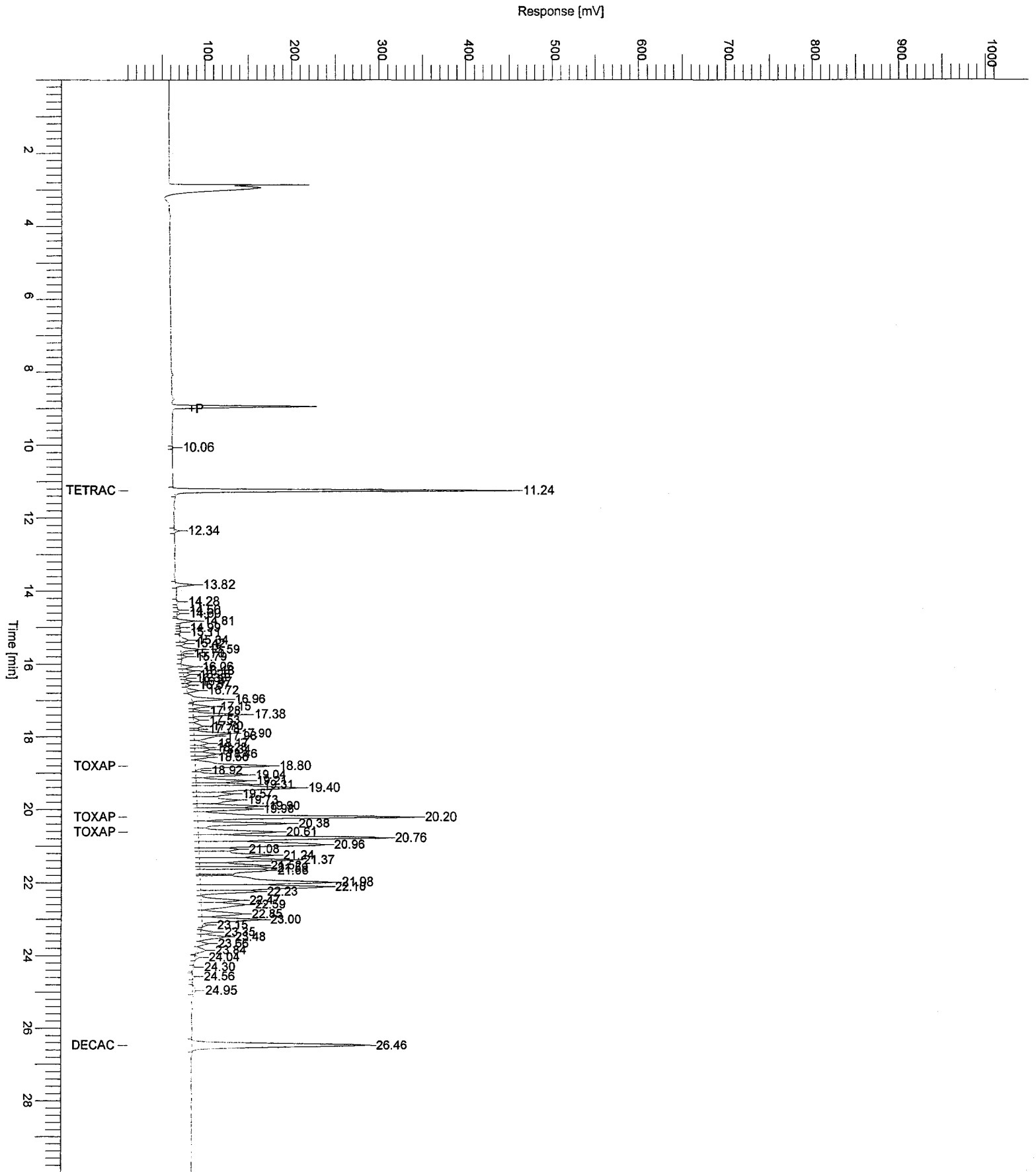
FileName : H:\TURBO\616890-05\5b10151.raw

Date : 07/03/2008 07:58:20

Method : Time of Injection: 07/02/2008 16:13:53

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV

Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



```

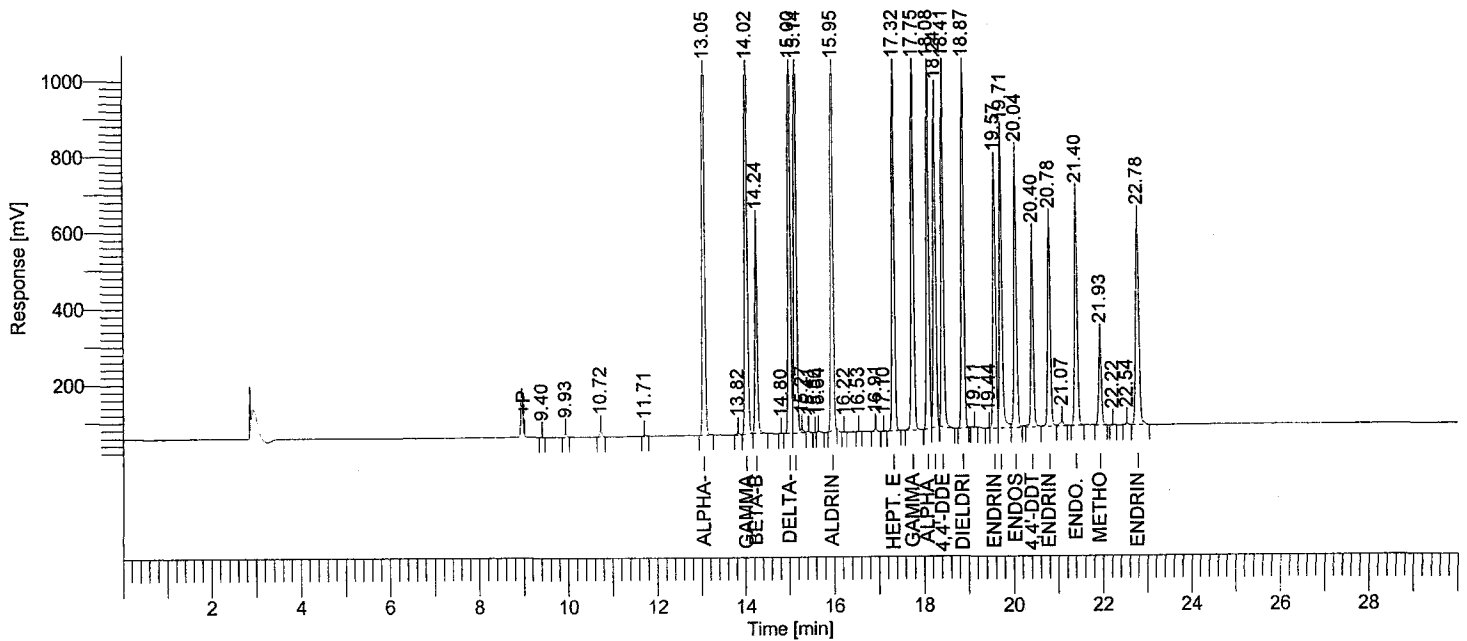
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75087
Operator          : tchrom
Sample Number     : 0.05
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/03/2008 08:26:34

Date              : 07/03/2008 09:03:55
Sample Name       : ICM25WT
Study             : CCV
Rack/Vial         : 1/60
Channel           : B
A/D mV Range     : 1000
End Time         : 30.00 min

Area Reject      : 3000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b10160.raw <Modified>
Result File : H:\TURBO6\6890-05\5b10160.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10160.raw
Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10160.rst
Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10160.rst
Report Format File: h:\turbo6\6890-05\05%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
13.05	BB	5446835	alpha-BHC	0.05305	1.56e+06	6.1	13.00 - 13.10
14.02	BB	4794739	gamma-BHC	0.05393	1.32e+06	7.9	13.97 - 14.07
14.24	BB	2041412	beta-BHC	0.05652	544442.68	13.0	14.19 - 14.29
15.00	VV	4650606	delta-BHC	0.05354	1.26e+06	7.1	14.95 - 15.05
15.14	VE	4695655	Heptachlor	0.05394	1.28e+06	7.9	15.09 - 15.19
15.95	BB	4296576	Aldrin	0.05329	1.18e+06	6.6	15.90 - 16.00
17.32	VB	3835371	Hept. epoxide	0.05378	1.01e+06	7.6	17.27 - 17.37
17.75	BB	3958395	gamma chlordane	0.05415	1.04e+06	8.3	17.70 - 17.80
18.08	BV	3660232	alpha chlordane	0.05501	964589.06	10.0	18.03 - 18.13
18.24	VB	3383662	Endosulfan I	0.05249	871877.67	5.0	18.19 - 18.29
18.41	BB	3455796	4,4'-DDE	0.05152	929329.61	3.0	18.36 - 18.46
18.87	BB	3664051	Dieldrin	0.05336	940617.36	6.7	18.82 - 18.92
19.57	VV	2745907	Endrin	0.05259	684146.44	5.2	19.52 - 19.62
19.71	VV	3093435	4,4'-DDD	0.05471	765111.98	9.4	19.66 - 19.76
20.04	VV	2869847	Endosulfan II	0.05733	707858.26	14.7	19.99 - 20.09
20.40	VV	1925960	4,4'-DDT	0.04590	493972.42	-8.2	20.35 - 20.45

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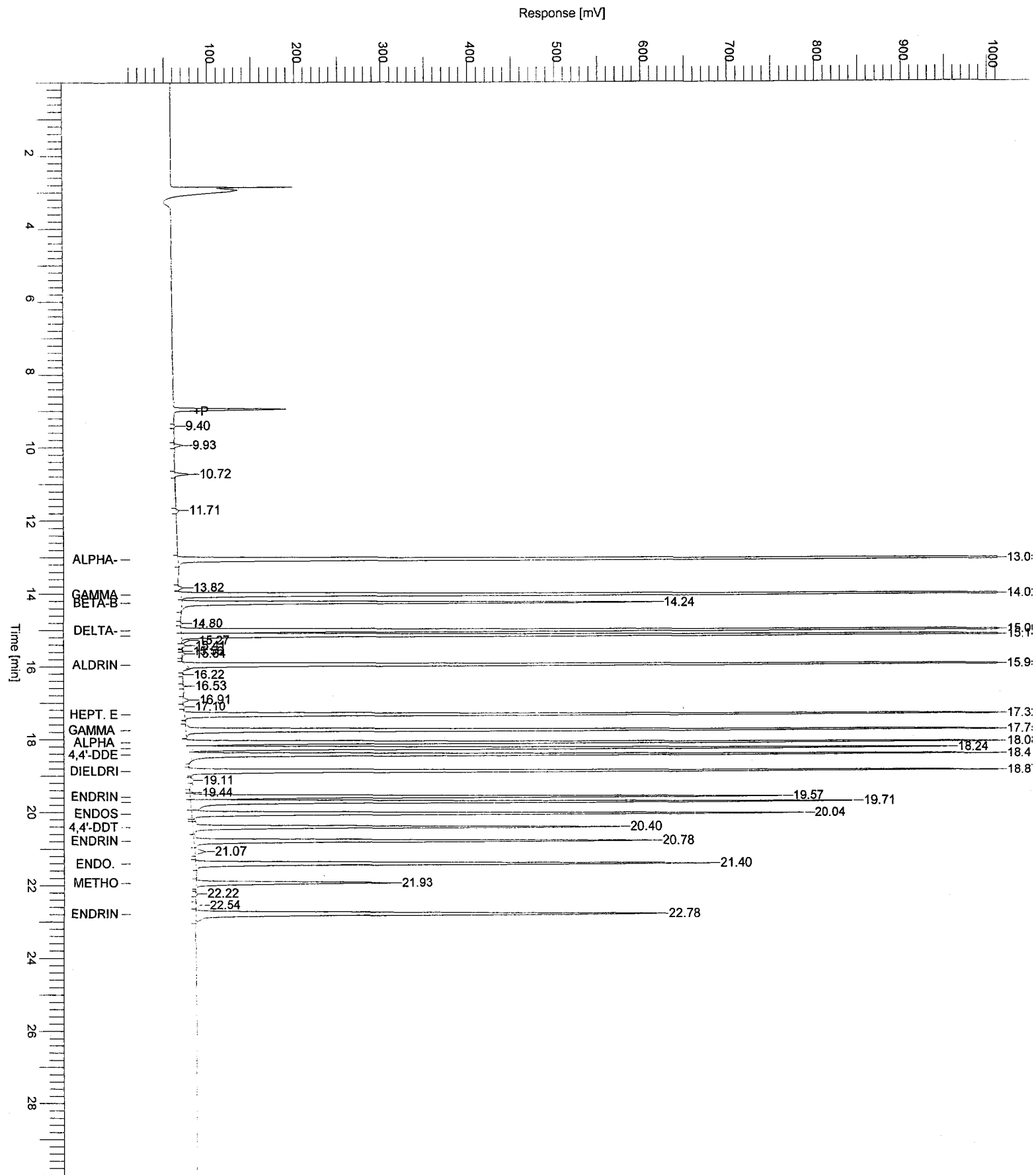
07/03/2008 09:03:55 Result: H:\TURBO6\6890-05\5b10160.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window -	Relative
20.78	VV	2244260	Endrin aldehyde	0.05487	529940.85	9.7	20.73 -	20.83
21.40	BB	2615941	Endo. Sulfate	0.05383	594516.58	7.7	21.35 -	21.45
21.93	BB	976563	Methoxychlor	0.04711	226221.50	-5.8	21.88 -	21.98
22.78	BB	2808208	Endrin ketone	0.05021	534780.24	0.4	22.73 -	22.83
		67163450		1.06113	1.74e+07			

Missing Component Report

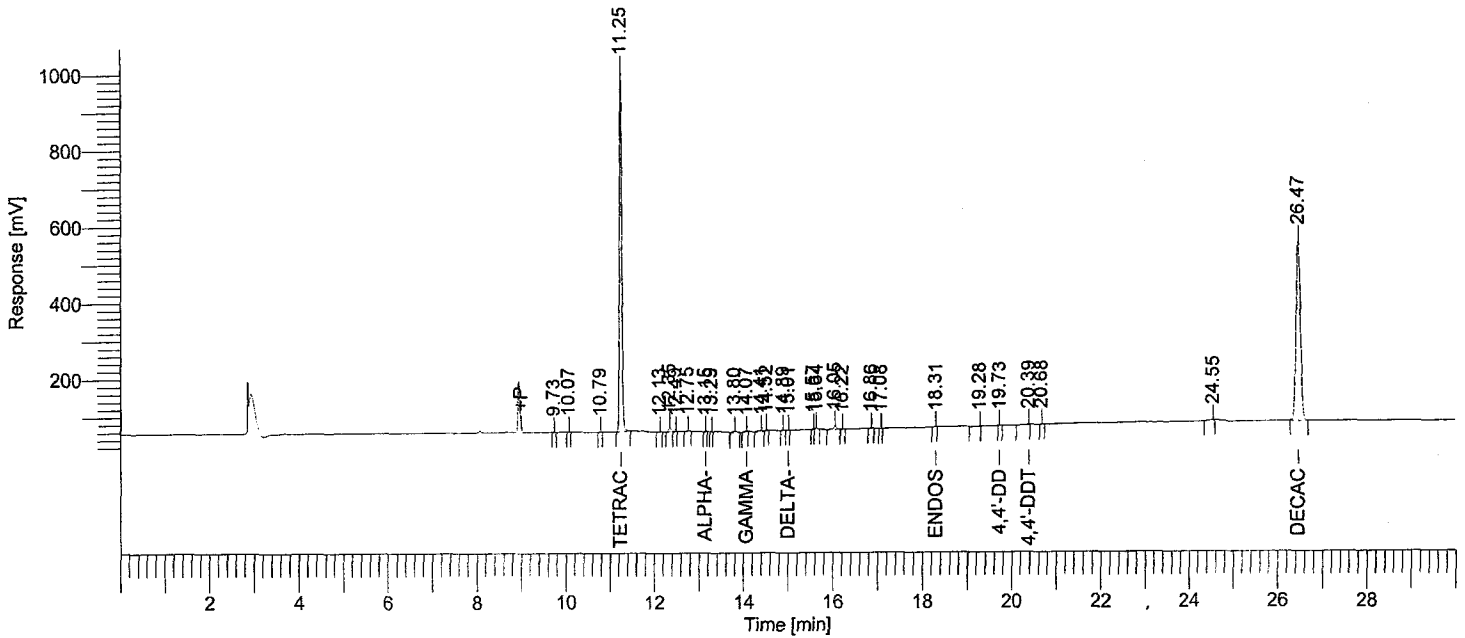
Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	11.260
Decachlorobiphenyl	26.500

Sample Name : ICM25WT
File Name : H:\TURBO6\6890-0515b10160.raw
Date : 07/03/2008 09:03:57
Method : 6890-5ins
Start Time : 0.00 min
Plot Offset: 10.00 mV
Sample #: 0.05
Page 1 of 1
Time of Injection: 07/03/2008 08:26:34
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1010.00 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/03/2008 11:14:37
 Reprocess Number : buf2048: 75091
 Operator : tchrom Sample Name : ICM3PN
 Sample Number : 0.05 Study : CCV
 AutoSampler : BUILT-IN Rack/Vial : 1/61
 Instrument Name : HP6890-05 Channel : B
 Instrument Serial # : CN10520009 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.98 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 3000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 09:15:03 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5b10161.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10161.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10161.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10161.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10161.rst
 Report Format File: h:\turbo6\6890-05\05%d.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
11.25	BB	3490241	Tetrachloro-m-xy	0.05308	993156.93	6.2	11.20 - 11.30
14.07	BB	8905	gamma-BHC	-2.3e-04	1353.19	-100.5	14.02 - 14.12
20.39	BB	11555	4,4'-DDT	0.00510	271.56	-99.8	20.34 - 20.44
26.47	BB	3232580	Decachlorobiphen	0.05215	472034.27	4.3	26.42 - 26.52
		6743281		0.11009	1.47e+06		

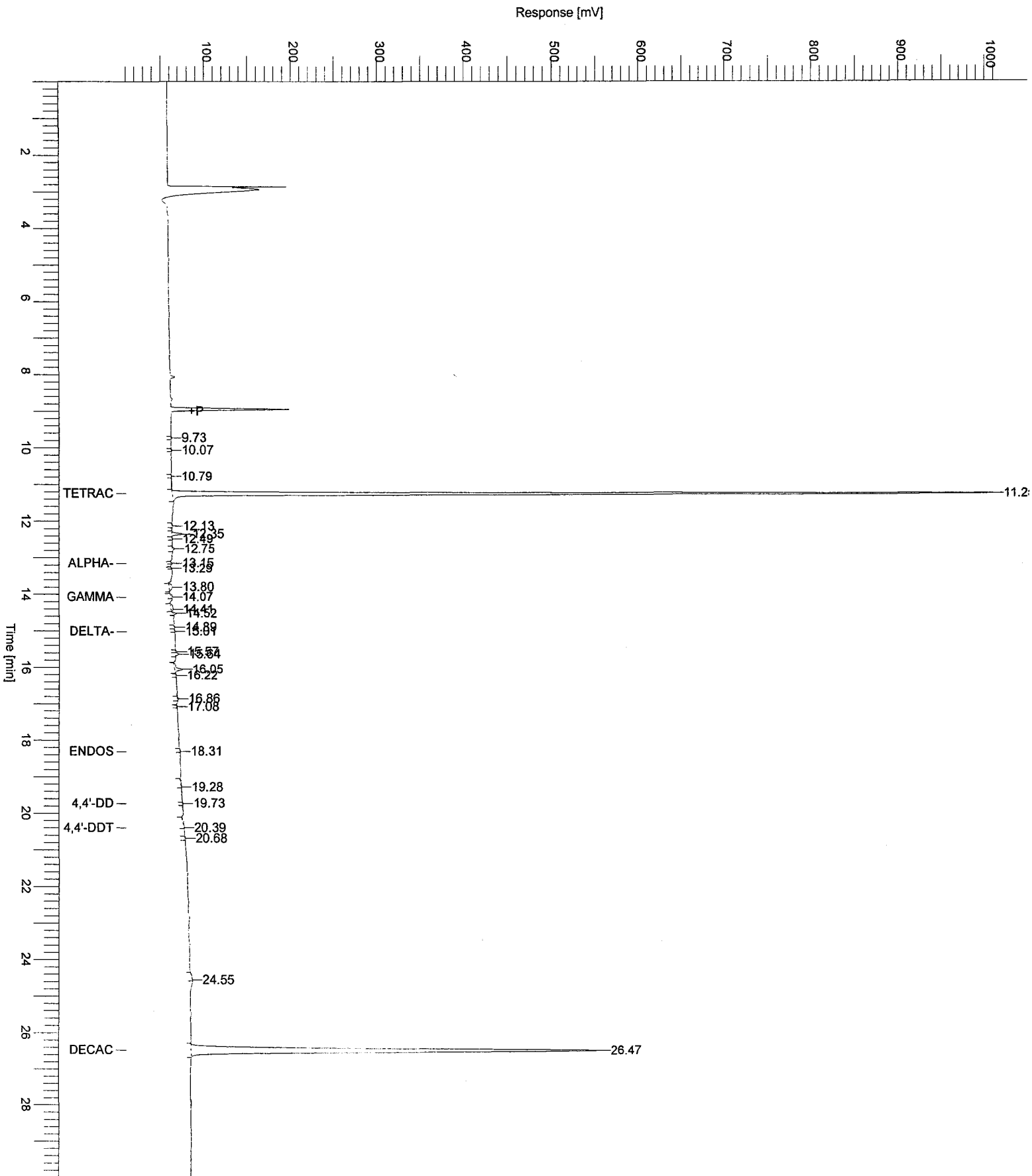
JUL 3 2008

Handwritten signature

Missing Component Report

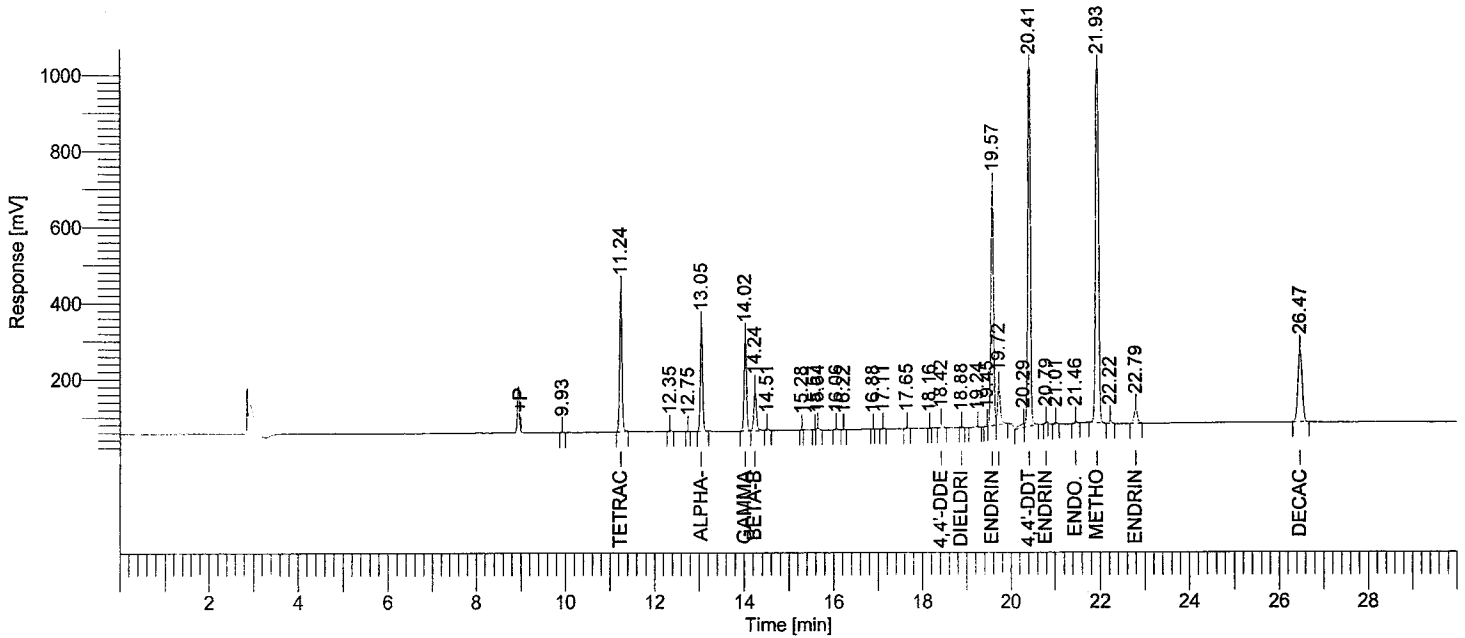
Component	Expected Retention (Calibration File)
beta-BHC	14.257
Heptachlor	15.158
Aldrin	15.969
Hept. epoxide	17.341
gamma chlordane	17.769
alpha chlordane	18.105
4,4'-DDE	18.432
Dieldrin	18.887

Sample Name : ICM3PN Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10161.raw
Date : 07/03/2008 11:14:38
Method : 6890-5ins Time of Injection: 07/03/2008 09:15:03
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/03/2008 11:14:43
 Reprocess Number : buf2048: 75093
 Operator : tchrom Sample Name : ICM1BC
 Sample Number : PEM Study : CCV
 AutoSampler : BUILT-IN Rack/Vial : 1/62
 Instrument Name : HP6890-05 Channel : B
 Instrument Serial # : CN10520009 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 30.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 09:51:23 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5b10162.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10162.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10162.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10162.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10162.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.93	6220		B	0.00622	1757.73
2	11.24	1322306	Tetrachloro-m-xylene	B	0.02042	368723.24
3	12.35	16006		B	0.01601	4369.11
4	12.75	2490		B	0.00249	738.16
5	13.05	958563	alpha-BHC	B	0.01027	274143.97
6	14.02	894033	gamma-BHC	B	0.00978	243412.84
7	14.24	431323	beta-BHC	V	0.01125	105988.91
8	14.51	20294		V	0.02029	5014.01
9	15.28	1328		B	0.00133	453.06
10	15.57	3487		B	0.00349	1328.19
11	15.64	17087		V	0.01709	4429.08
12	16.06	15467		B	0.01547	4018.24
13	16.22	4788		V	0.00479	1442.09
14	16.88	1225		B	0.00122	387.48
15	17.11	10809		B	0.01081	2581.59
16	17.65	12760		B	0.01276	3260.09

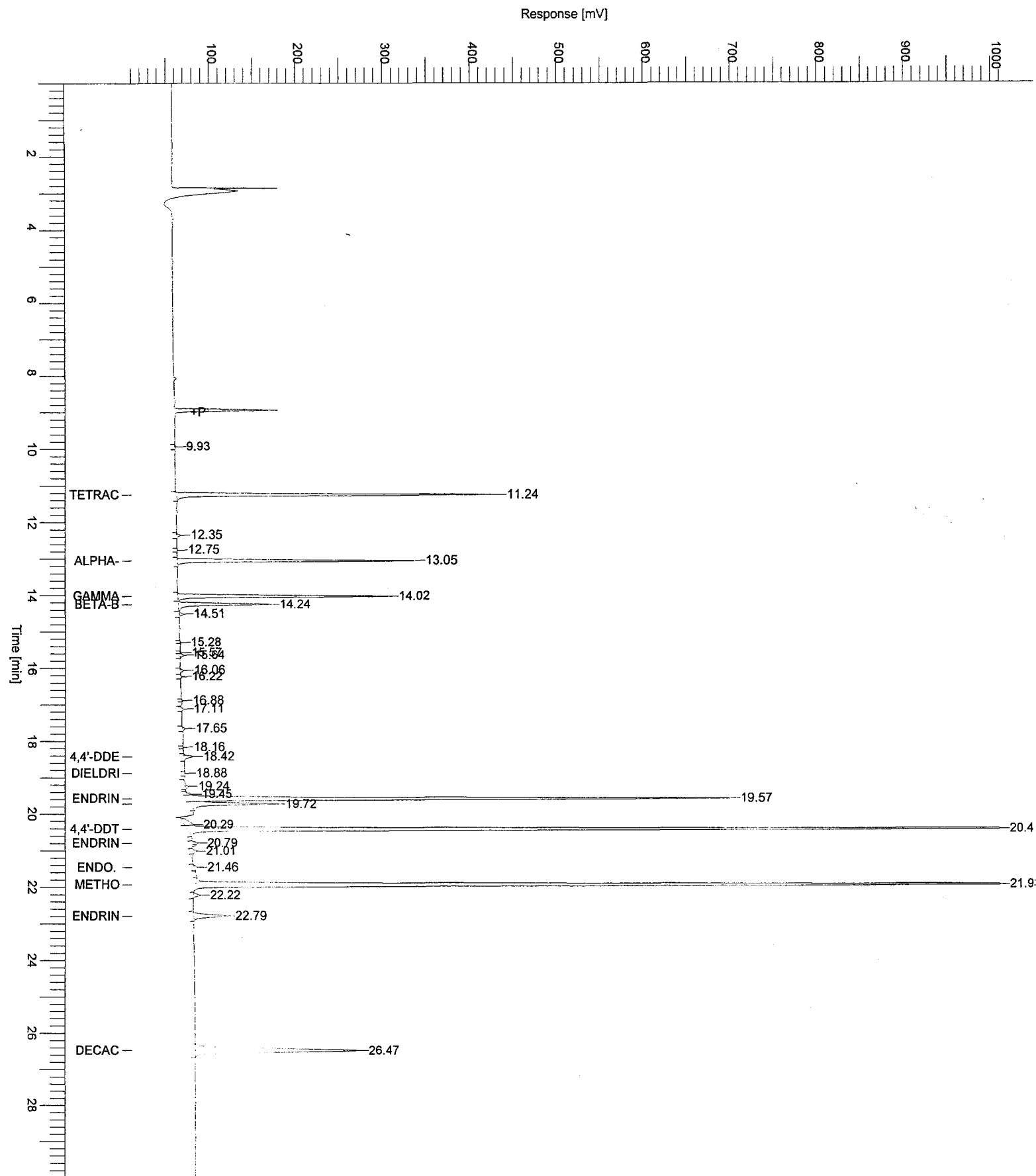
JUL 3 2008

Handwritten notes:
 Endrin 7.2%
 DDT 10.3%

07/03/2008 11:14:43 Result: H:\TURBO6\6890-05\5b10162.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	18.42	43088	4,4'-DDE	B	0.00165	10305.61
19	18.88	4717	Dieldrin	B	0.00109	1197.16
20	19.24	20433		B	0.02043	3336.00
21	19.45	16963		B	0.01696	5207.24
22	19.57	2520393	Endrin	V	0.04843	623728.98
23	19.72	428830	4,4'-DDD	V	0.00902	98202.76
24	20.29	89319		B	0.08932	9948.52
25	20.41	4114987	4,4'-DDT	V	0.09255	1.08e+06
26	20.79	10099	Endrin aldehyde	B	-5.4e-05	3064.57
27	21.01	15279		B	0.01528	3930.15
28	21.46	18931	Endo. Sulfate	B	4.58e-04	3592.52
29	21.93	4906127	Methoxychlor	B	0.22336	1.16e+06
30	22.22	32088		B	0.03209	7758.66
31	22.79	199512	Endrin ketone	B	0.00369	37005.78
32	26.47	1294747	Decachlorobiphenyl	B	0.02038	188936.60
		17433701			0.73835	4.25e+06

Sample Name : ICM1BC
Sample # : PEM
Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10162.raw
Date : 07/03/2008 11:14:44
Method : 6890-5ins
Time of Injection : 07/03/2008 09:51:23
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 1010.00 mV
Plot Offset : 10.00 mV
Plot Scale : 1000.0 mV



```

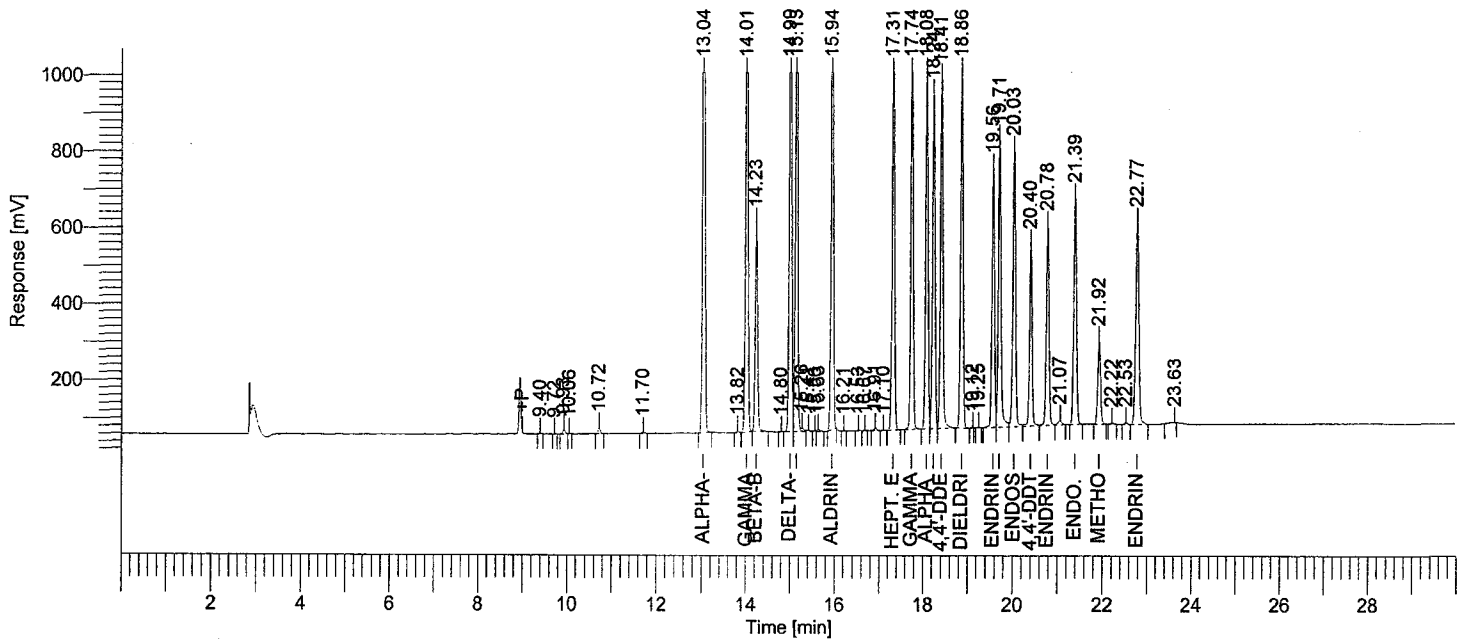
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75117
Operator          : tchrom
Sample Number     : 0.05
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-05
Instrument Serial # : CN10520009
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 07/03/2008 14:30:30

Date              : 07/03/2008 15:04:10
Sample Name      : ICM25WT
Study           : CCV
Rack/Vial       : 1/68
Channel        : B
A/D mV Range   : 1000
End Time       : 29.97 min

Area Reject     : 3000.000000
Dilution Factor : 1.00
Cycle          : 1
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b10168.raw <Modified>
Result File : H:\TURBO6\6890-05\5b10168.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10168.raw
Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10168.rst
Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10168.rst
Report Format File: h:\turbo6\6890-05\05%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window - Relative
13.04	BB	5488262	alpha-BHC	0.05344	1.58e+06	6.9	12.99 - 13.09
14.01	BB	4829715	gamma-BHC	0.05432	1.34e+06	8.6	13.96 - 14.06
14.23	BB	2052144	beta-BHC	0.05682	546401.96	13.6	14.18 - 14.28
14.99	VV	4681546	delta-BHC	0.05388	1.26e+06	7.8	14.94 - 15.04
15.13	VE	4720372	Heptachlor	0.05422	1.29e+06	8.4	15.08 - 15.18
15.94	BB	4319556	Aldrin	0.05357	1.20e+06	7.1	15.89 - 15.99
17.31	VB	3827526	Hept. epoxide	0.05368	1.00e+06	7.4	17.26 - 17.36
17.74	BB	3932138	gamma chlordane	0.05379	1.04e+06	7.6	17.69 - 17.79
18.08	BV	3673632	alpha chlordane	0.05521	972360.57	10.4	18.03 - 18.13
18.24	VV	3429138	Endosulfan I	0.05320	876929.32	6.4	18.19 - 18.29
18.41	VB	3503678	4,4'-DDE	0.05222	917690.59	4.4	18.36 - 18.46
18.86	BB	3657753	Dieldrin	0.05327	939661.71	6.5	18.81 - 18.91
19.56	BV	2735667	Endrin	0.05240	678172.98	4.8	19.51 - 19.61
19.71	VV	3104672	4,4'-DDD	0.05490	754536.33	9.8	19.66 - 19.76
20.03	VV	3028806	Endosulfan II	0.06055	723314.71	21.1	19.98 - 20.08
20.40	VV	1861935	4,4'-DDT	0.04453	476233.43	-10.9	20.35 - 20.45

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07/03/2008 15:04:10 Result: H:\TURBO6\6890-05\5b10168.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window -	Relative
20.78	VV	2221333	Endrin aldehyde	0.05431	522027.84	8.6	20.73 -	20.83
21.39	BB	2583442	Endo. Sulfate	0.05316	593189.57	6.3	21.34 -	21.44
21.92	BB	933276	Methoxychlor	0.04517	216409.09	-9.7	21.87 -	21.97
22.77	BB	2765617	Endrin ketone	0.04945	528958.57	-1.1	22.72 -	22.82
		67350210		1.06209	1.75e+07			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	11.260
Decachlorobiphenyl	26.500

Sample Name : ICM25WT

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b10168.raw

Date : 07/03/2008 15:04:11

Method : 6890-5ins

Time of Injection: 07/03/2008 14:30:30

Start Time : 0.00 min

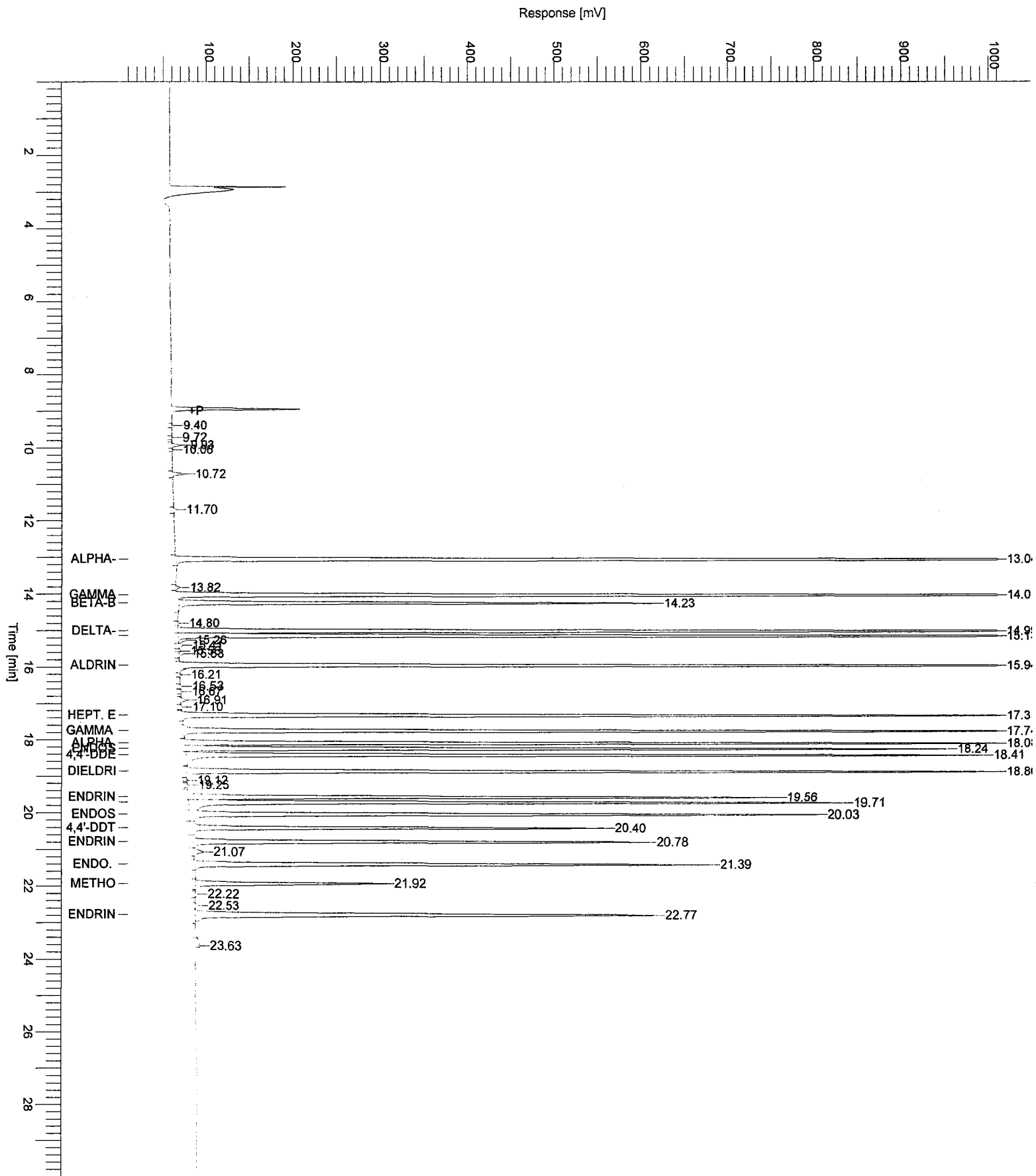
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 1010.00 mV

Plot Offset: 10.00 mV

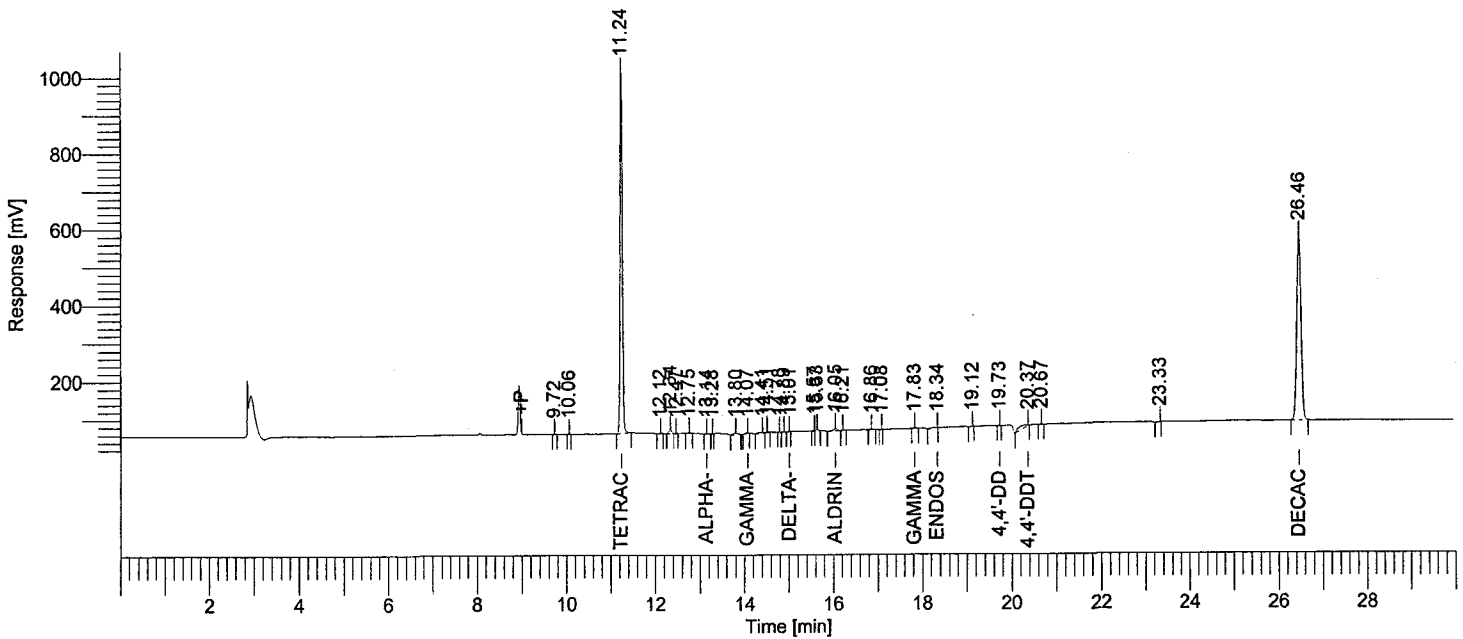
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75125
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/03/2008 15:06:45

Date : 07/05/2008 09:05:48
 Sample Name : ICM3PN
 Study : CCV
 Rack/Vial : 1/69
 Channel : B
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5b10169.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10169.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10169.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10169.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10169.rst
 Report Format File: h:\turbo6\6890-05\05%d.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



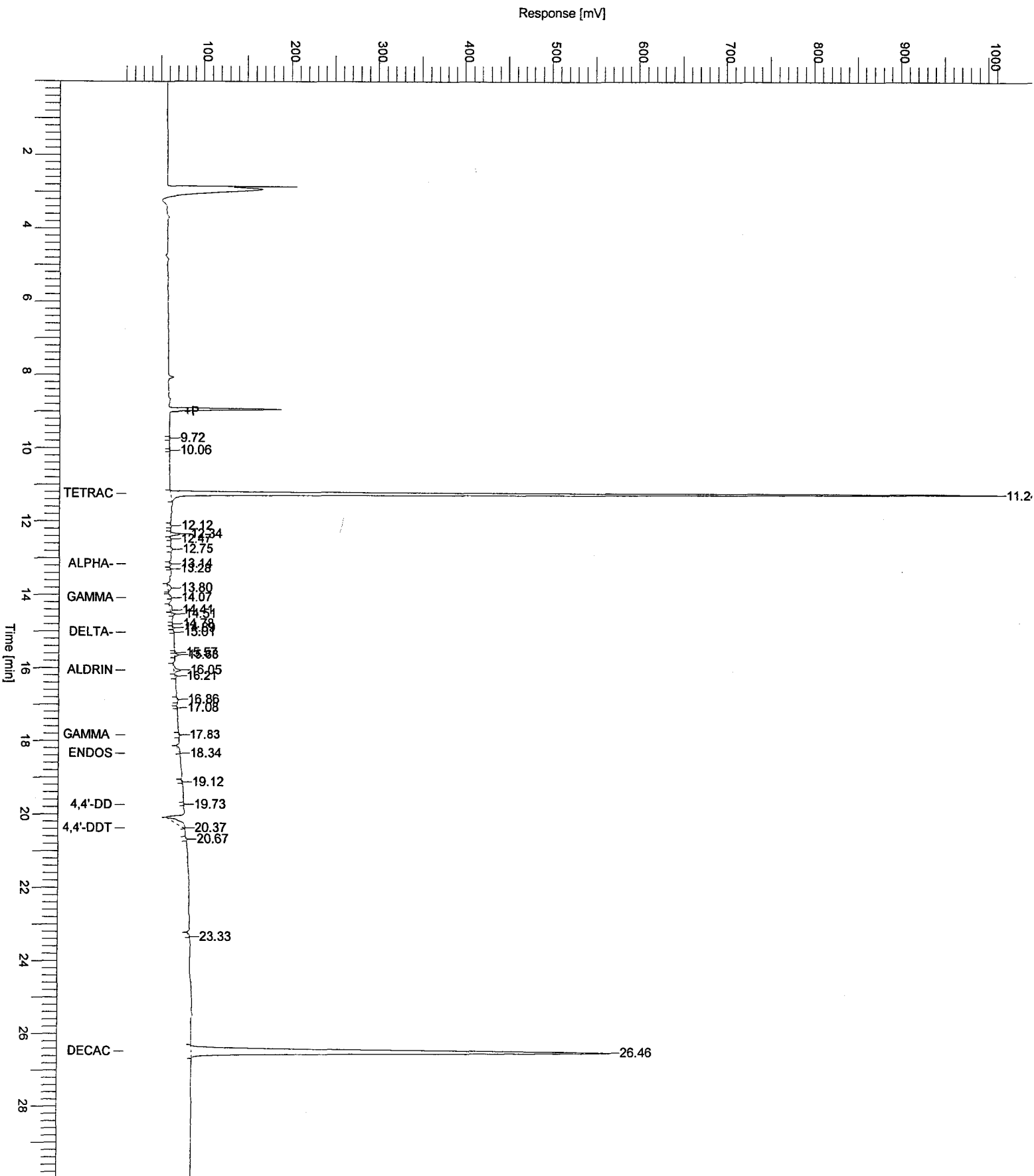
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
11.24	BB	3534638	Tetrachloro-m-xy	0.05374	1.00e+06	7.5	11.19 - 11.29	
13.14	BB	9095	alpha-BHC	0.00122	1938.64	-97.6	13.09 - 13.19	
14.07	BB	8412	gamma-BHC	-2.4e-04	1276.38	-100.5	14.02 - 14.12	
16.05	BB	43092	Aldrin	0.00187	7621.89	-96.3	16.00 - 16.10	
17.83	BB	5878	gamma chlordane	3.60e-04	1344.39	-99.3	17.78 - 17.88	
18.34	BB	17677	Endosulfan I	2.73e-04	359.31	-99.5	18.29 - 18.39	
20.37	BB	113386	4,4'-DDT	0.00727	1679.17	-85.5	20.32 - 20.42	
26.46	BB	3270554	Decachlorobiphen	0.05277	481309.59	5.5	26.41 - 26.51	
		7002734		0.11727	1.50e+06			

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Missing Component Report

Component	Expected Retention (Calibration File)
beta-BHC	14.257
Heptachlor	15.158
Hept. epoxide	17.341
alpha chlordane	18.105
4,4'-DDE	18.432
Dieldrin	18.887

Sample Name : ICM3PN Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10169.raw
Date : 07/05/2008 09:05:50
Method : 6890-5ins Time of Injection: 07/03/2008 15:06:45
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



```

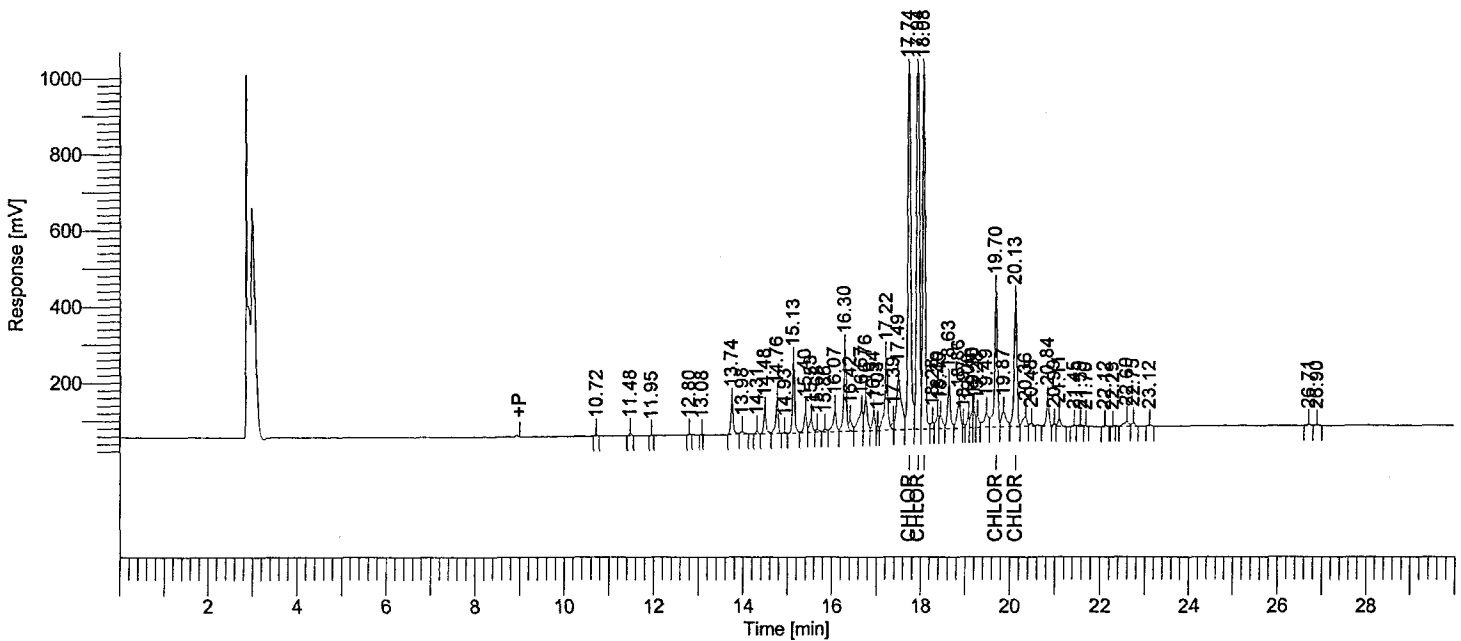
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2048: 75127
Operator          : tchrom
Sample Number     : 0.5
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-05
Instrument Serial # : CN10520009
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/03/2008 15:42:57

Date              : 07/05/2008 09:05:54
Sample Name       : ICM11QB
Study             : CCV
Rack/Vial         : 1/70
Channel           : B
A/D mV Range     : 1000
End Time         : 29.97 min

Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 2
    
```

```

Raw Data File : H:\TURBO6\6890-05\5b10170.raw <Modified>
Result File : H:\TURBO6\6890-05\5b10170.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10170.raw
Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10170.rst
Calib Method : h:\turbo6\6890-05\05b-chlordane(01-25-08)2.mth from H:\TURBO6\6890-05\5b10170.rst
Report Format File: h:\turbo6\6890-05\05pcb%d.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
```



HP6890-05 "A" RTXCLP I/"B"RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
17.94	16942363	CHLORDANE	1.18509	137.0	5
	16942363		1.18509	137.0	

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[Handwritten signature]

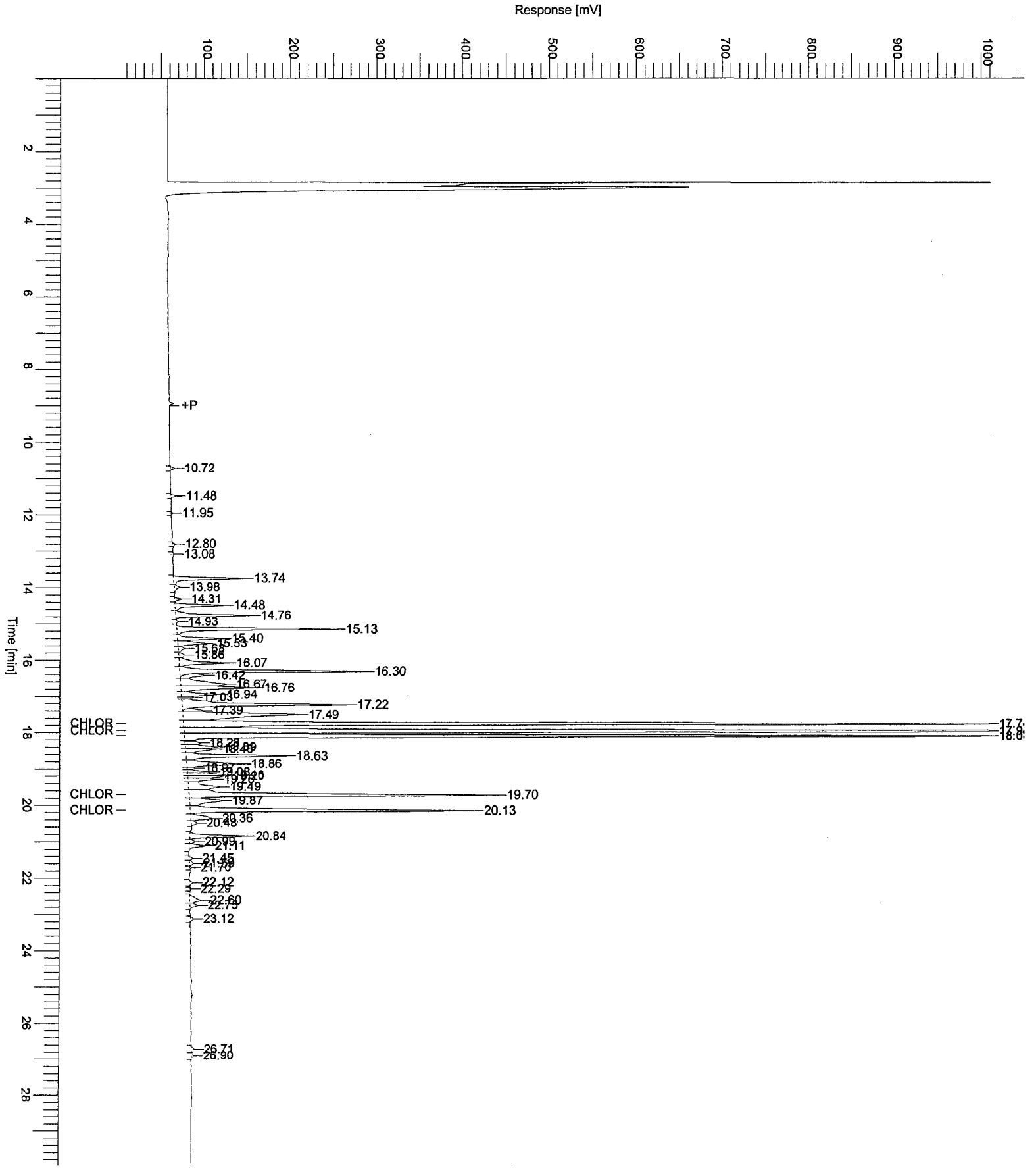
Group Report For : CHLORDANE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
17.74	4730348	chlordane: A	1.21479	143.0	0
17.94	5362805	chlordane: B	1.15103	130.2	0
18.08	3820487	chlordane: C	1.18848	137.7	0
19.70	1590402	chlordane: D	1.30507	161.0	0
20.13	1438322	chlordane: E	1.09905	119.8	0
	16942363		5.95843	691.7	

Chromatogram

2123/4151

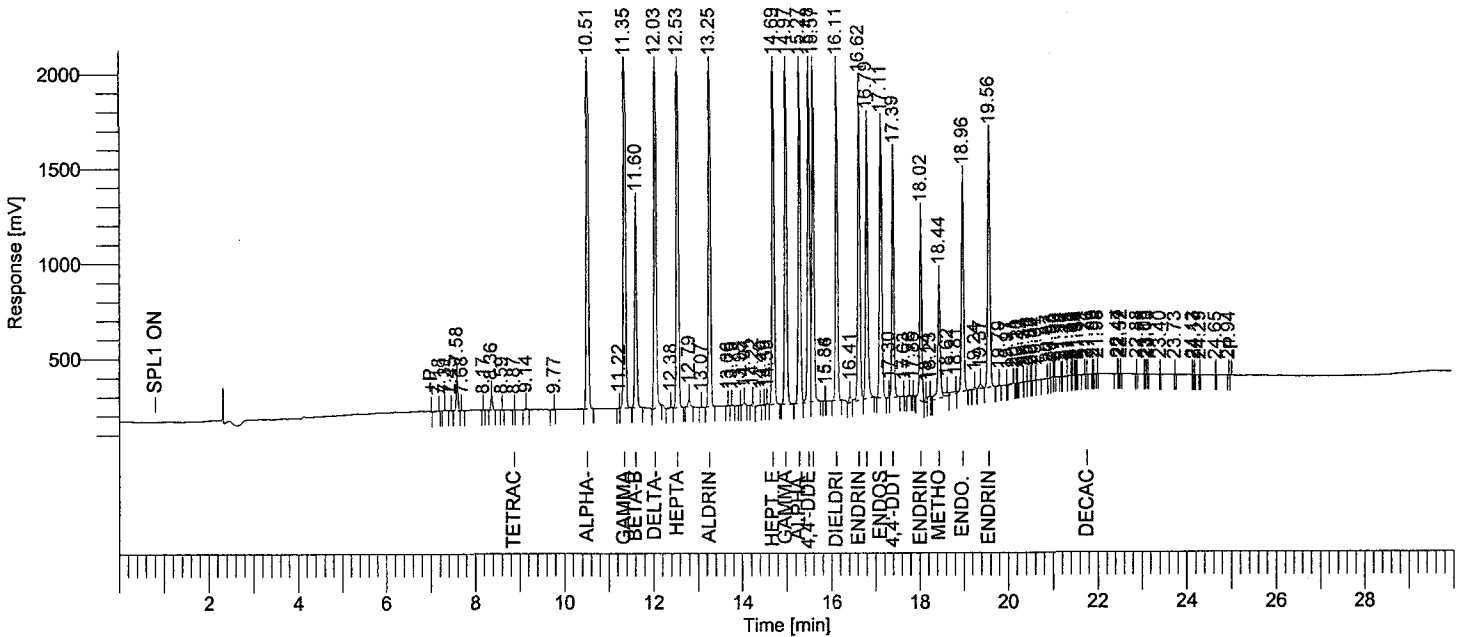
Sample Name : ICM11QB Sample #: 0.5 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10170.raw
Date : 07/05/2008 09:05:55 Time of Injection: 07/03/2008 15:42:57
Method : 6890-5ins
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76595
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 14:30:44

Date : 07/11/2008 06:46:34
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/33
 Channel : A
 A/D mV Range : 1000
 End Time : 29.95 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6a15033.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15033.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15033.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15033.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15033.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
10.51	BB	9019543	alpha-BHC	0.04550	3.06e+06	-9.0	10.46 - 10.56
11.35	VB	8007272	gamma-BHC	0.04539	2.64e+06	-9.2	11.30 - 11.40
11.60	BB	3244718	beta-BHC	0.04599	1.05e+06	-8.0	11.55 - 11.65
12.03	BB	7487082	delta-BHC	0.04380	2.43e+06	-12.4	11.98 - 12.08
12.53	VB	7653275	Heptachlor	0.04592	2.49e+06	-8.2	12.48 - 12.58
13.25	BB	7070706	Aldrin	0.04455	2.30e+06	-10.9	13.20 - 13.30
14.69	VB	6317340	Hept. epoxide	0.04442	1.99e+06	-11.2	14.64 - 14.74
14.97	BB	6368149	gamma chlordane	0.04341	2.02e+06	-13.2	14.92 - 15.02
15.27	BV	5889781	alpha chlordane	0.04340	1.86e+06	-13.2	15.22 - 15.32
15.48	VV	5880231	4,4'-DDE	0.04304	1.86e+06	-13.9	15.43 - 15.53
15.57	VB	5799166	Endosulfan I	0.04424	1.75e+06	-11.5	15.52 - 15.62
16.11	BB	6066210	Dieldrin	0.04260	1.86e+06	-14.8	16.06 - 16.16
16.62	VV	5524160	Endrin	0.04355	1.64e+06	-12.9	16.57 - 16.67
16.79	VB	4830255	4,4'-DDD	0.04194	1.44e+06	-16.1	16.74 - 16.84
17.11	BB	4846824	Endosulfan II	0.04201	1.41e+06	-16.0	17.06 - 17.16
17.39	VV	4062343	4,4'-DDT	0.04197	1.25e+06	-16.1	17.34 - 17.44
18.02	VB	3177590	Endrin aldehyde	0.03746	957471.22	-25.1	17.97 - 18.07
18.44	VE	2245925	Methoxychlor	0.04780	616722.27	-4.4	18.39 - 18.49
18.96	VB	3900083	Endo. Sulfate	0.03916	1.11e+06	-21.7	18.91 - 19.01
19.56	VB	4714685	Endrin ketone	0.04217	1.30e+06	-15.7	19.51 - 19.61
				1e+08	0.86834	3.50e+07	

7-11-08
 NAB

Sample Name : ICM25WU

Sample #: 0.05

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FileName : H:\TURBO6\6890-06\6a15033.raw

Date : 07/11/2008 06:46:35

Method : 6890-6ins

Time of Injection: 07/10/2008 14:30:44

Start Time : 0.00 min

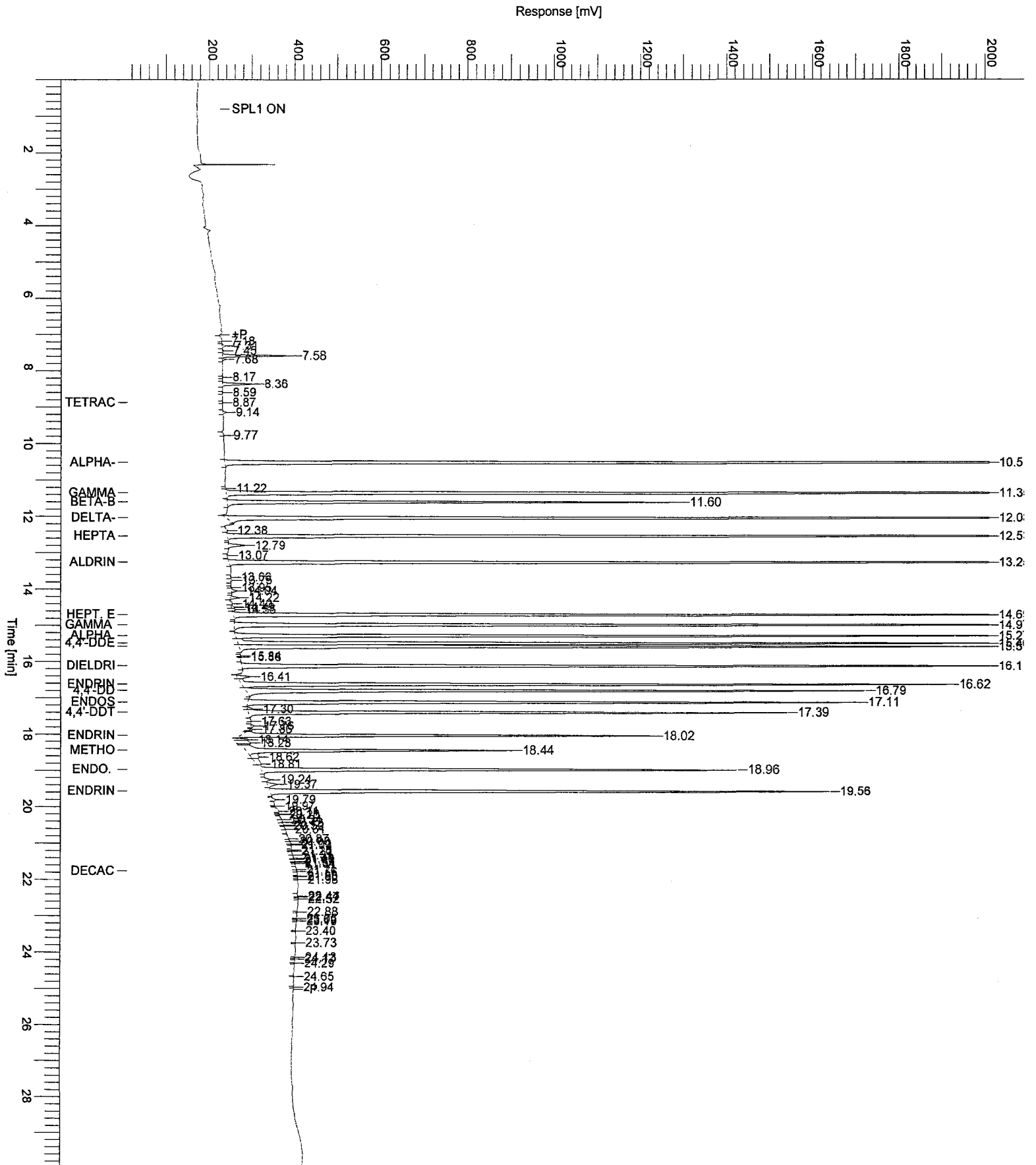
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

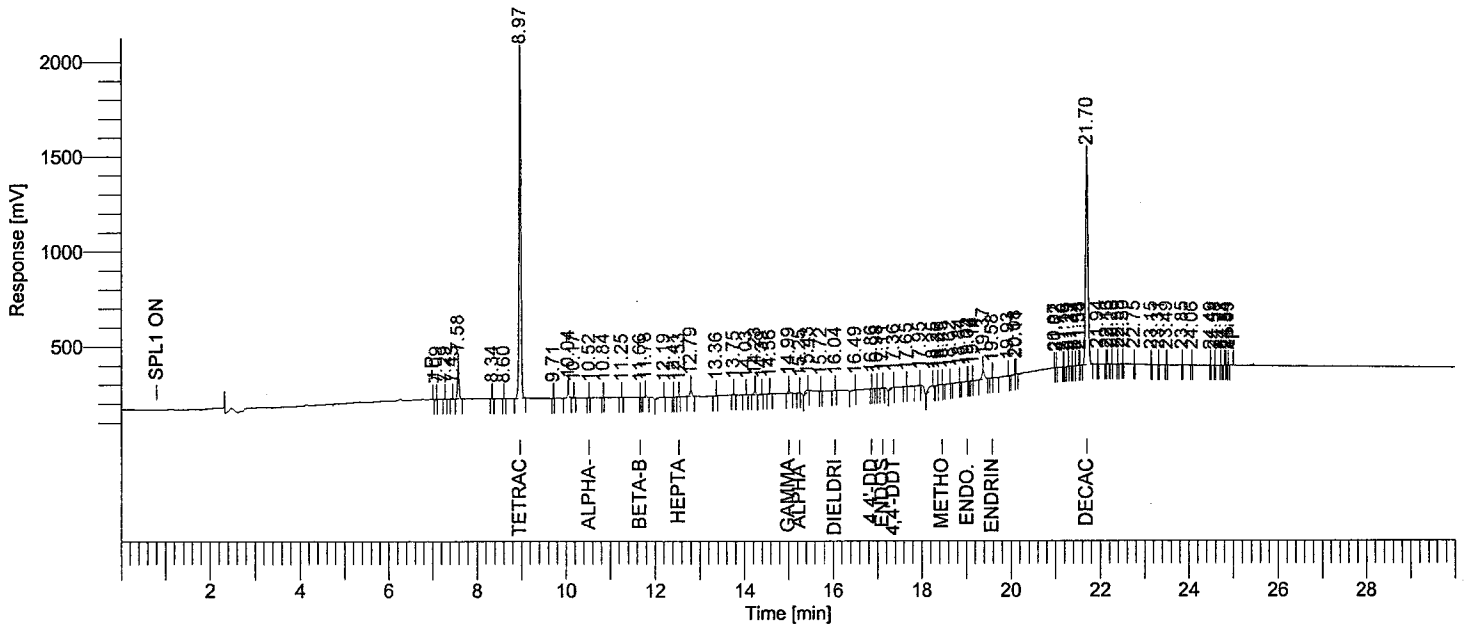
Plot Offset: 10.00 mV

Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/11/2008 06:46:42
 Reprocess Number : buf1938: 76597
 Operator : tchrom Sample Name : ICM3PP
 Sample Number : 0.05 Study : CCV
 AutoSampler : BUILT-IN Rack/Vial : 1/34
 Instrument Name : HP6890-06 Channel : A
 Instrument Serial # : CN10520010 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.97 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 3000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/10/2008 15:04:31 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6a15034.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15034.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15034.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15034.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15034.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



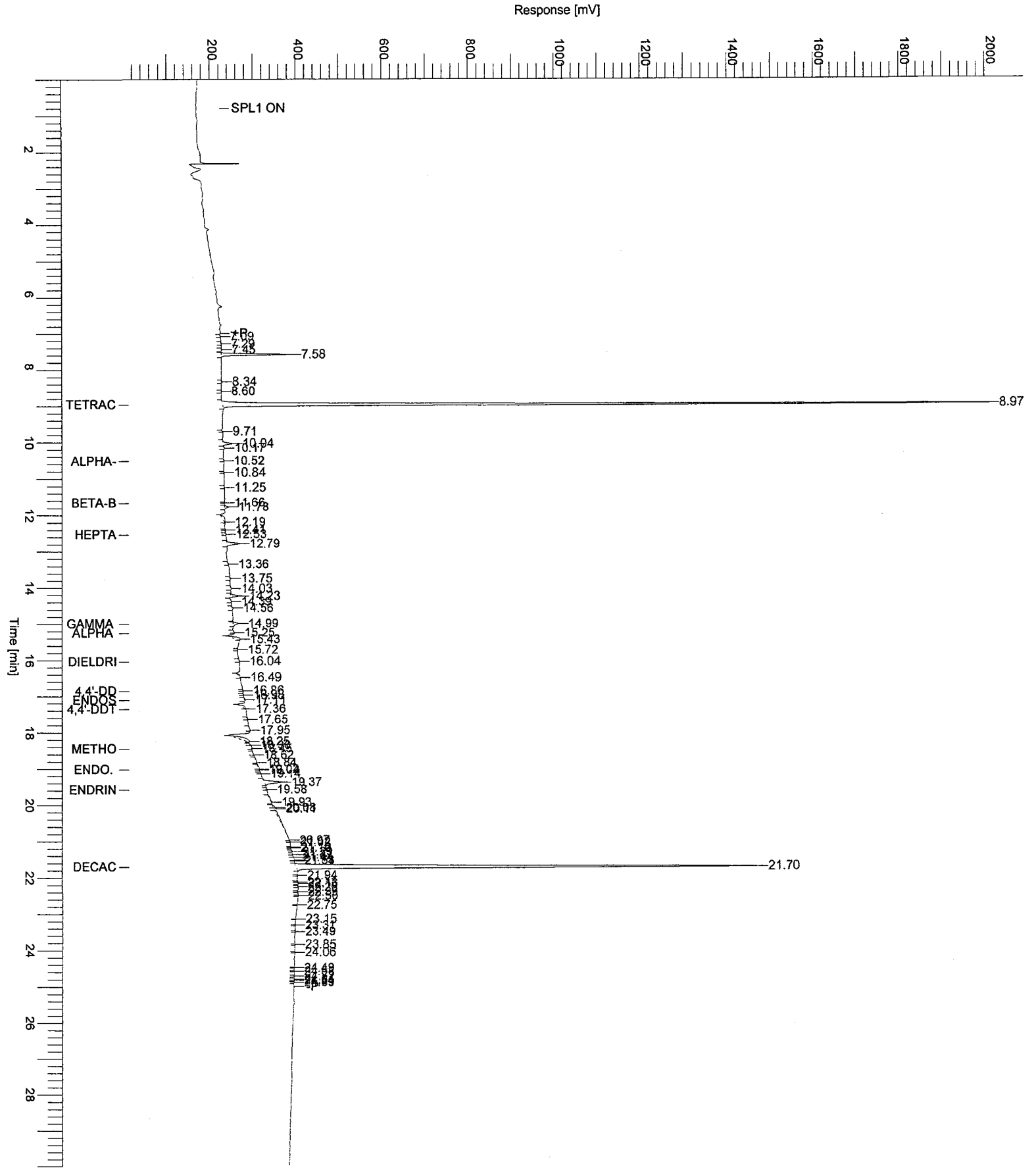
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
8.97	BB	5506560	Tetrachloro-m-xy	0.04253	1.86e+06	-14.9	8.92 - 9.02	
14.99	BB	42527	gamma chlordane	2.78e-04	12078.00	-99.4	14.94 - 15.04	
15.25	BB	4197	alpha chlordane	-6.6e-05	767.49	-100.1	15.20 - 15.30	
17.11	BB	7687	Endosulfan II	-6.8e-04	2446.57	-101.4	17.06 - 17.16	
17.36	BB	38160	4,4'-DDT	0.00448	1899.90	-91.0	17.31 - 17.41	
18.45	VB	11319	Methoxychlor	0.00311	1507.58	-93.8	18.40 - 18.50	
19.02	BV	8638	Endo. Sulfate	4.2e-04	849.08	-100.0	18.97 - 19.07	
21.70	BB	4036110	Decachlorobiphen	0.03868	1.07e+06	-22.6	21.65 - 21.75	
				0.08791	2.96e+06			

7-11-08
 JEB

Missing Component Report

Component	Expected Retention (Calibration File)
gamma-BHC	11.361
delta-BHC	12.044
Aldrin	13.264
Hept. epoxide	14.704
4,4'-DDE	15.490
Endosulfan I	15.587
Endrin	16.632
Endrin aldehyde	18.044

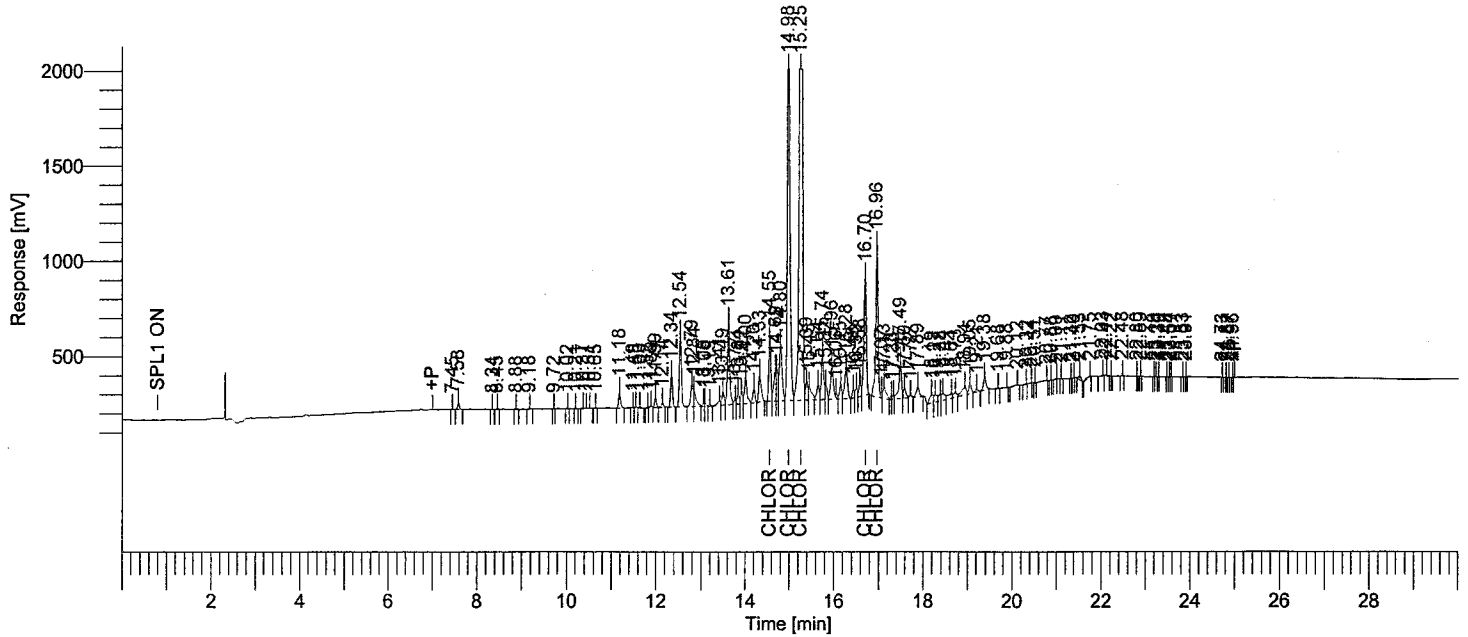
Sample Name : ICM3PP Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a15034.raw
Date : 07/11/2008 06:46:43 Time of Injection: 07/10/2008 15:04:31
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76625
 Operator : tchrom
 Sample Number : 0.5
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 15:38:21

Date : 07/11/2008 07:23:59
 Sample Name : ICM11QG
 Study : CCV
 Rack/Vial : 1/35
 Channel : A
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6a15035.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15035.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15035.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15035.rst
 Calib Method : h:\turbo6\6890-06\6a-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6a15035.rst
 Report Format File : h:\turbo6\6890-06\06pcb%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP6890-06 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
15.25	29315891	CHLORDANE	0.47213	-5.6	5
	29315891		0.47213	-5.6	

Group Report For : CHLORDANE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
14.55	1137513	chlordan: A	0.46653	-6.7	0
14.98	8058634	chlordan: B	0.47787	-4.4	0
15.25	14741177	chlordan: C	0.46973	-6.1	0
16.70	2417117	chlordan: D	0.45254	-9.5	0
16.96	2961451	chlordan: E	0.48775	-2.4	0
	29315891		2.35443	-29.1	

7-11-08
 JEB

Sample Name : ICM11QG

Sample #: 0.5

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15035.raw

Date : 07/11/2008 07:23:59

Time of Injection: 07/10/2008 15:38:21

Method : 6890-6ins

Start Time : 0.00 min

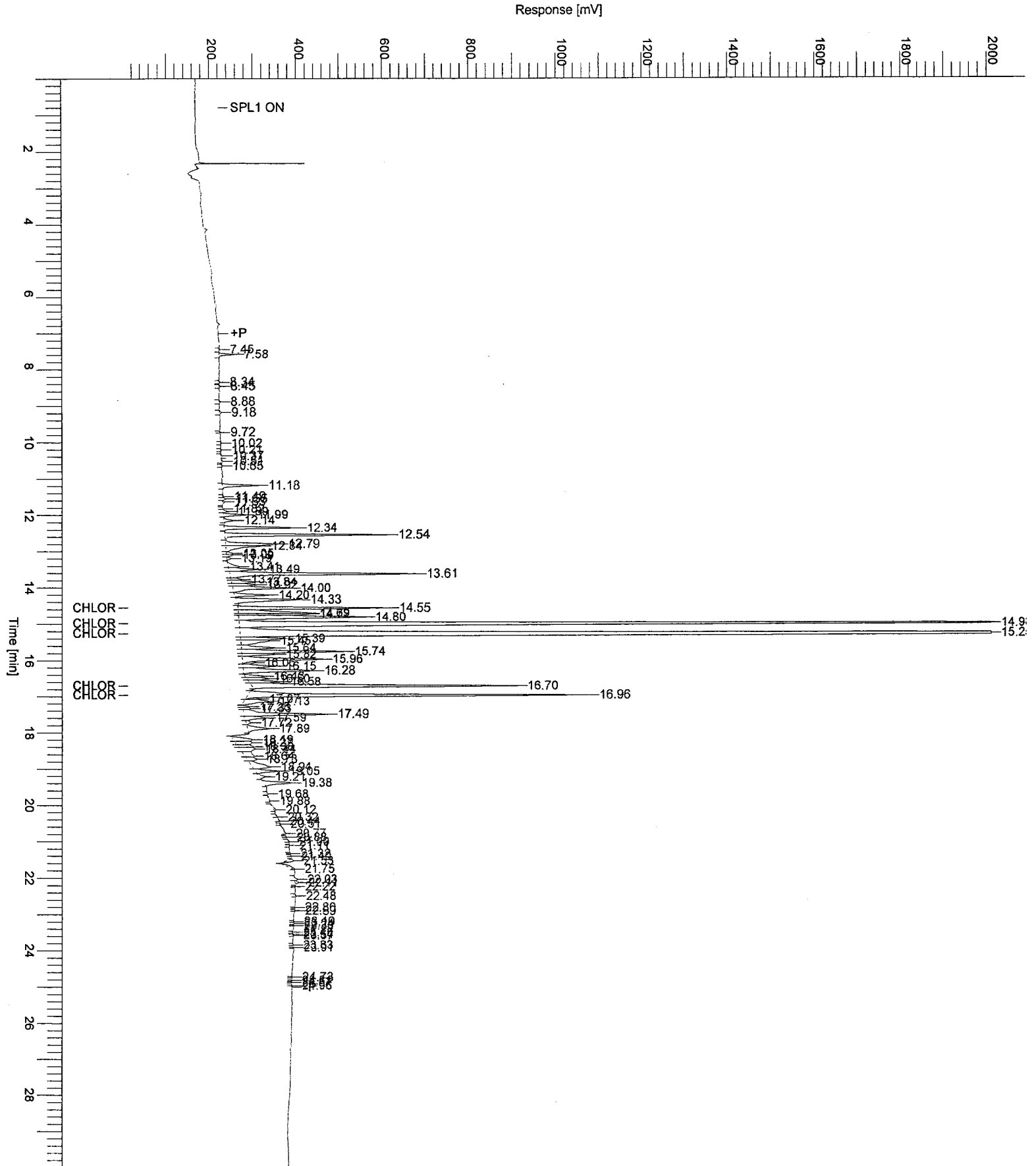
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

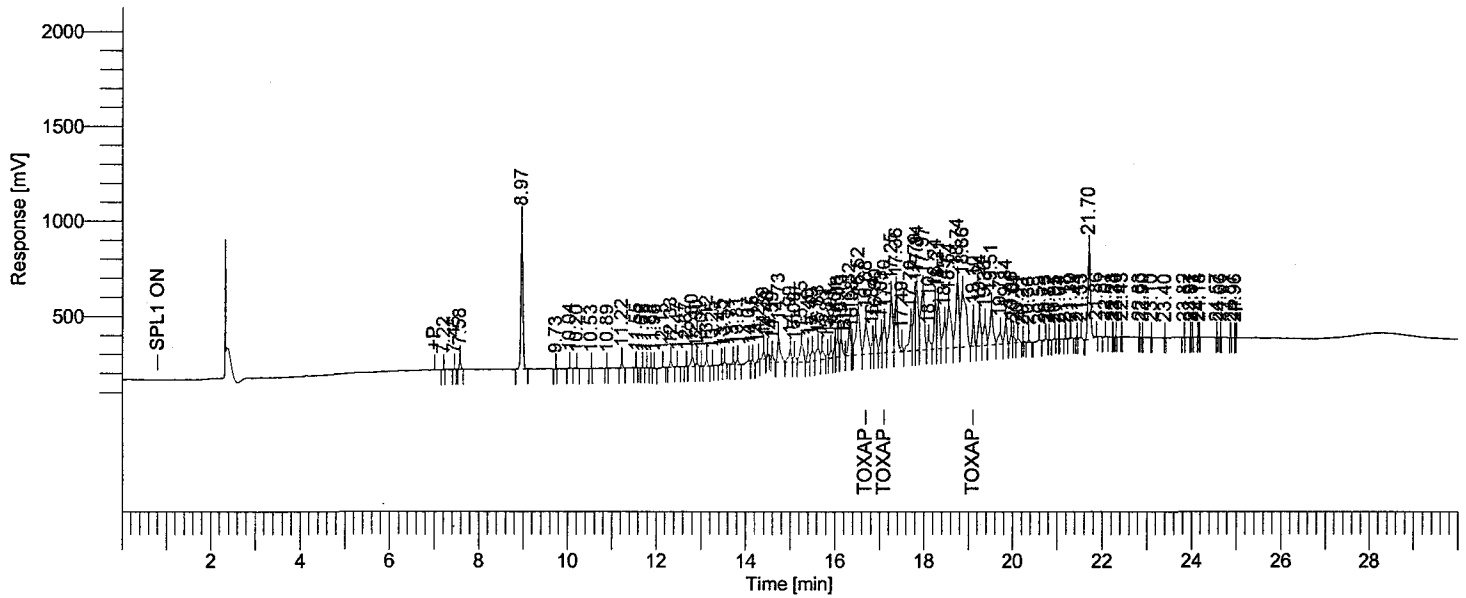
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Operator : tchrom
 Sample Number : 0.5
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 16:12:11

Date : 07/11/2008 09:30:20
 Sample Name : ICM14QG
 Study : CCV
 Rack/Vial : 1/36
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6a15036.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15036.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15036.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15036.rst
 Calib Method : h:\turbo6\6890-06\6a-toxaphene(03-24-08)3.mth from H:\TURBO6\6890-06\6a15036.rst
 Report Format File : h:\turbo6\6890-06\06pcb%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP6890-06 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
16.68	2093918	TOXAPHENE	0.41301	-17.4	3
	2093918		0.41301	-17.4	

Handwritten: 7-11-08 JLB

Group Report For : TOXAPHENE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
16.68	927372	Toxaphene-a	0.81649	63.3	0
17.10	701820	Toxaphene-b	0.49611	-0.8	0
19.10	464726	Toxaphene-c	0.20439	-59.1	0
	2093918		1.51700	3.4	

Sample Name : ICM14QG

Sample #: 0.5

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15036.raw

Date : 07/11/2008 09:30:23

Time of Injection: 07/10/2008 16:12:11

Method : 6890-6ins

Start Time : 0.00 min

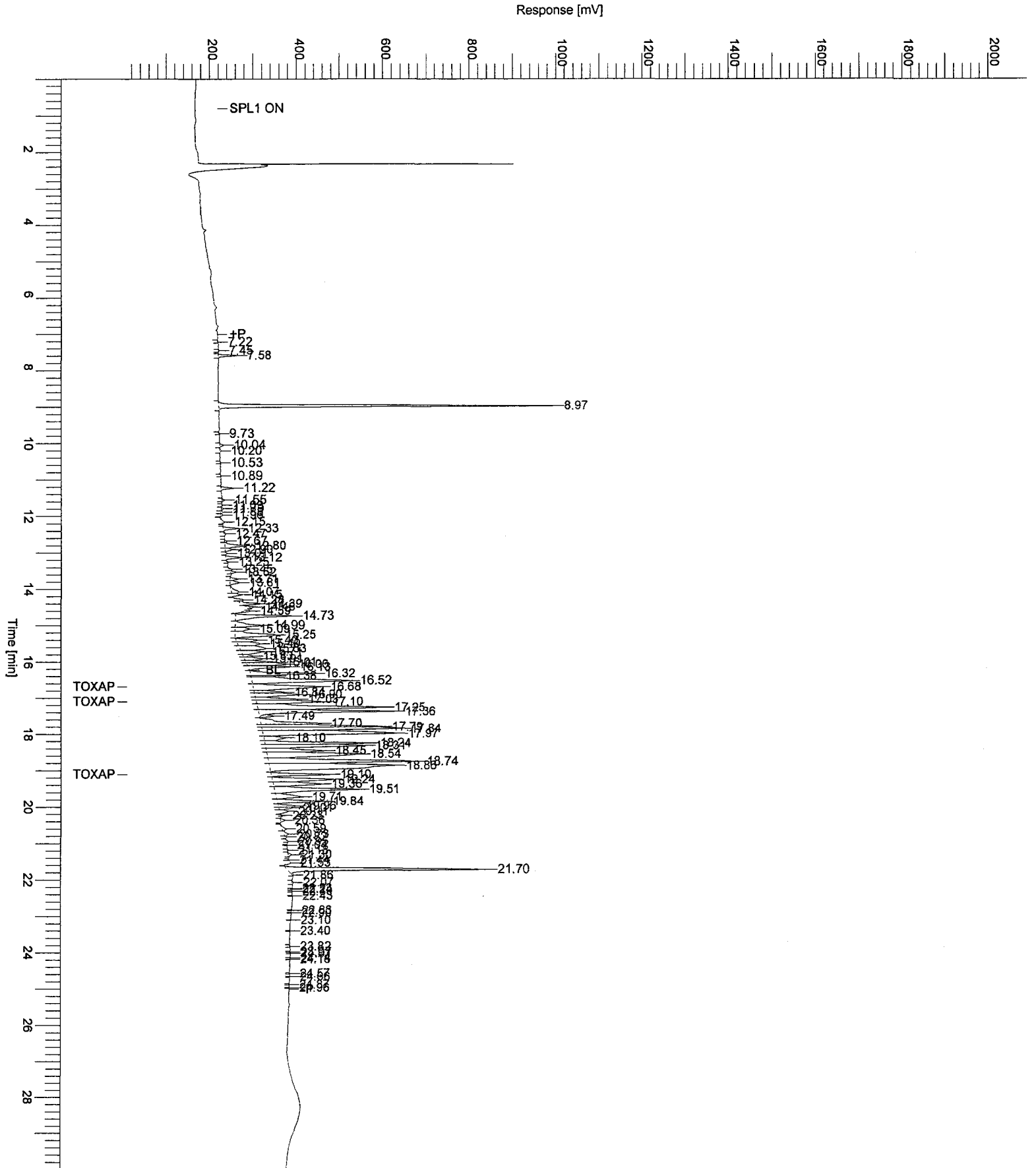
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

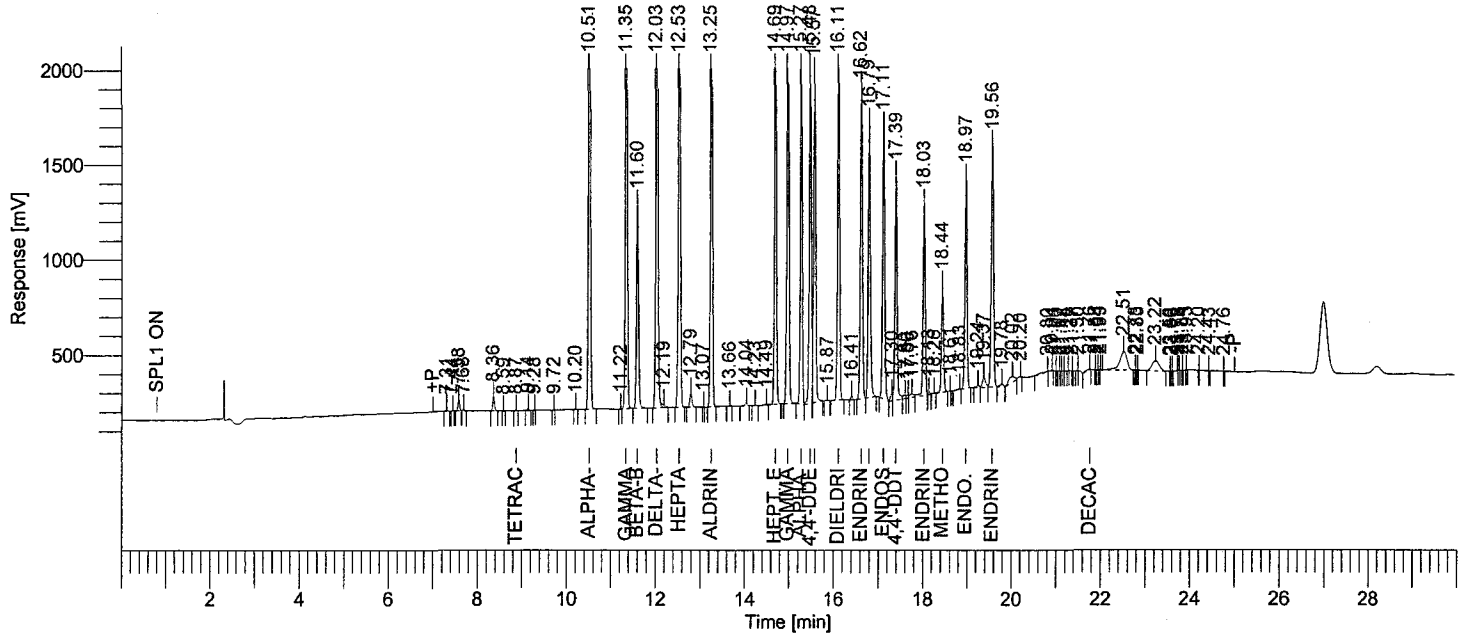
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76619
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 21:16:12

Date : 07/11/2008 06:47:58
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/45
 Channel : A
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 13

Raw Data File : H:\TURBO6\6890-06\6a15045.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15045.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15045.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15045.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15045.rst
 Report Format File: h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
8.87	BB	14964	Tetrachloro-m-xy	7.53e-04	3813.82	-98.5	8.82 - 8.92	
10.51	BB	9203782	alpha-BHC	0.04642	3.11e+06	-7.2	10.46 - 10.56	
11.35	VB	8164261	gamma-BHC	0.04627	2.68e+06	-7.5	11.30 - 11.40	
11.60	BB	3335562	beta-BHC	0.04732	1.07e+06	-5.4	11.55 - 11.65	
12.03	BE	7687132	delta-BHC	0.04494	2.45e+06	-10.1	11.98 - 12.08	
12.53	BB	7766773	Heptachlor	0.04660	2.56e+06	-6.8	12.48 - 12.58	
13.25	BB	7171135	Aldrin	0.04518	2.32e+06	-9.6	13.20 - 13.30	
14.69	VB	6337512	Hept. epoxide	0.04456	1.99e+06	-10.9	14.64 - 14.74	
14.97	BB	6423433	gamma chlordane	0.04378	2.03e+06	-12.4	14.92 - 15.02	
15.27	BB	5778899	alpha chlordane	0.04258	1.85e+06	-14.8	15.22 - 15.32	
15.48	BV	5876637	4,4'-DDE	0.04301	1.85e+06	-14.0	15.43 - 15.53	
15.57	VB	5810430	Endosulfan I	0.04433	1.74e+06	-11.3	15.52 - 15.62	
16.11	BB	6052591	Dieldrin	0.04250	1.87e+06	-15.0	16.06 - 16.16	
16.62	BV	5354453	Endrin	0.04223	1.60e+06	-15.5	16.57 - 16.67	
16.79	VB	4854537	4,4'-DDD	0.04215	1.44e+06	-15.7	16.74 - 16.84	
17.11	BB	4935548	Endosulfan II	0.04279	1.43e+06	-14.4	17.06 - 17.16	
17.39	VV	3989037	4,4'-DDT	0.04129	1.18e+06	-17.4	17.34 - 17.44	
18.03	VB	3443828	Endrin aldehyde	0.04077	1.00e+06	-18.5	17.98 - 18.08	
18.44	VB	1847854	Methoxychlor	0.03984	560320.35	-20.3	18.39 - 18.49	
18.97	VB	3851919	Endo. Sulfate	0.03867	1.10e+06	-22.7	18.92 - 19.02	
19.56	VV	4688050	Endrin ketone	0.04193	1.27e+06	-16.1	19.51 - 19.61	
21.76	BB	38070	Decachlorobiphen	3.95e-04	1977.25	99.2	21.71 - 21.81	
		1e+08		0.86834	3.51e+07			

7-11-08
 JEB

Sample Name : ICM25WU

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15045.raw

Date : 07/11/2008 06:47:59

Method : 6890-6ins

Time of Injection: 07/10/2008 21:16:12

Start Time : 0.00 min

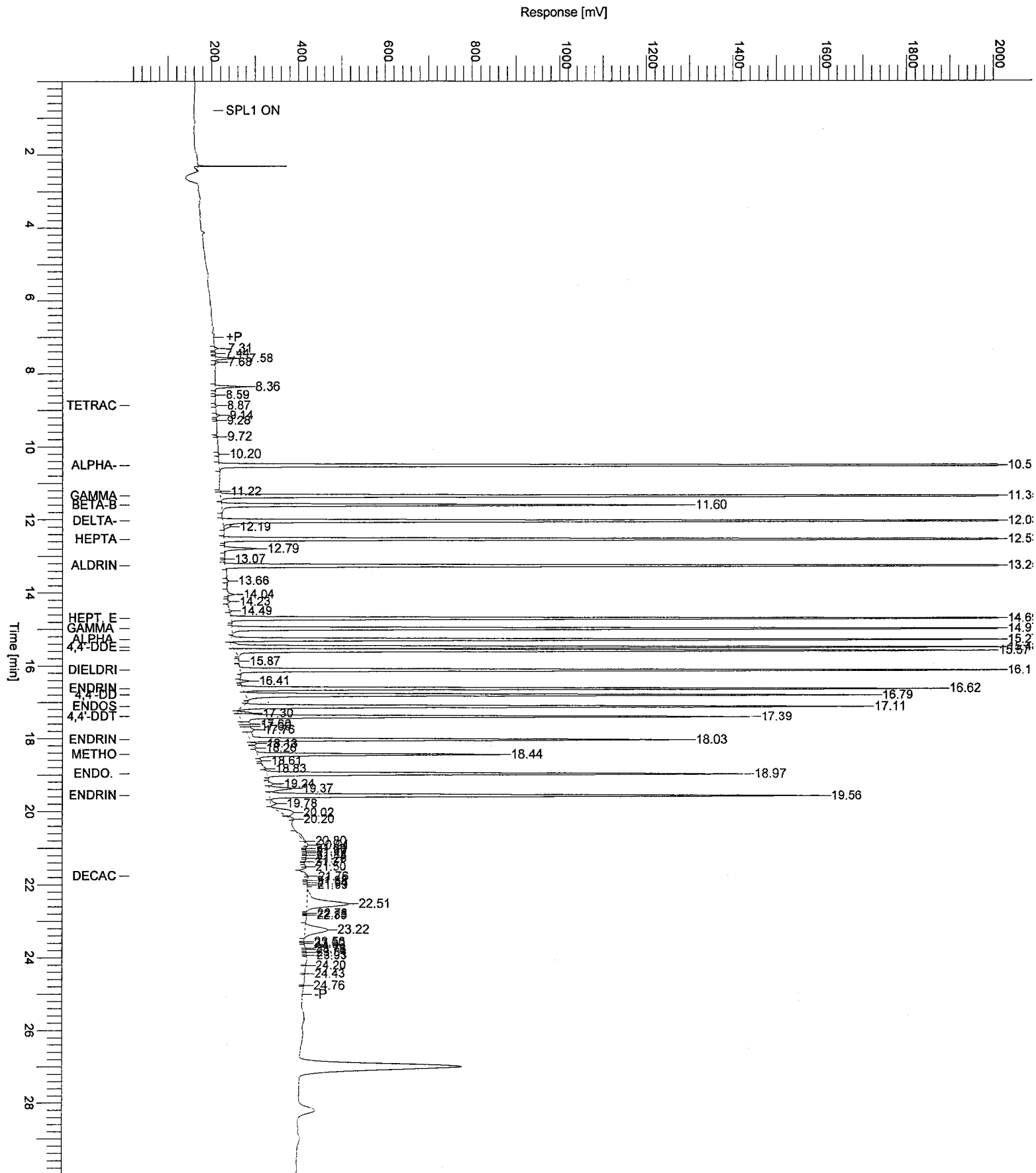
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

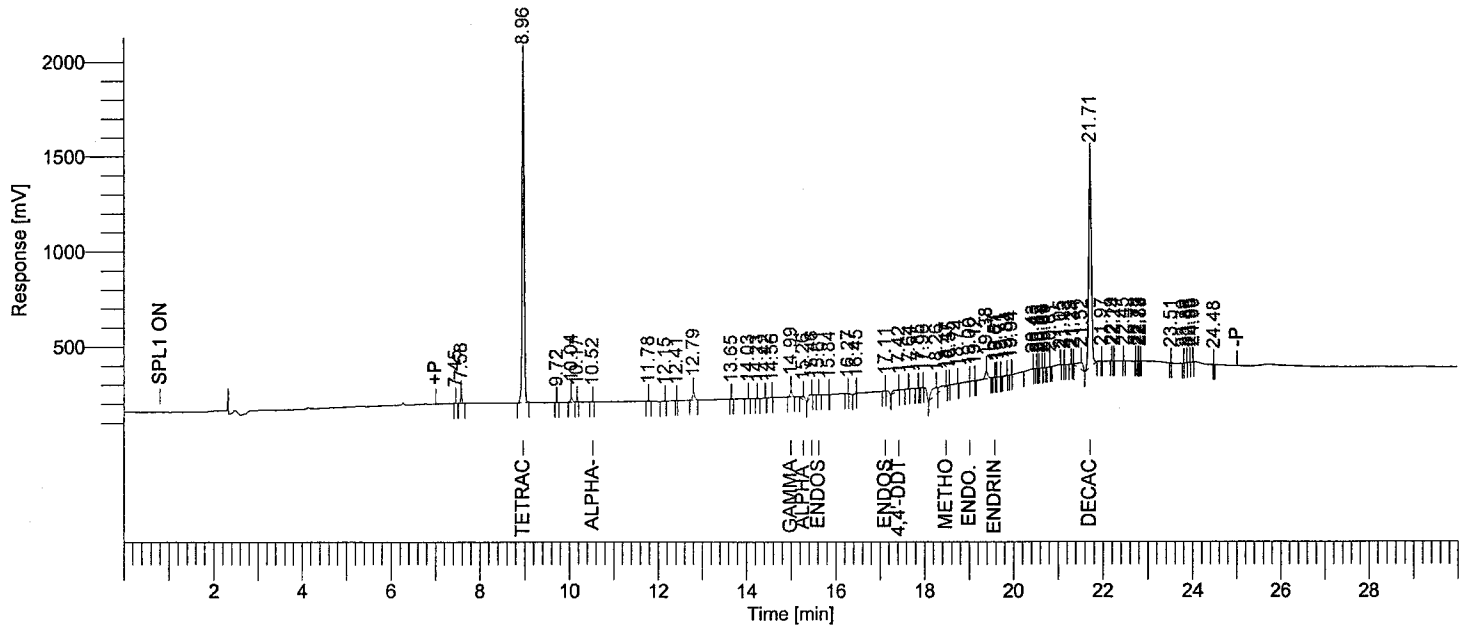
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76621
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 21:50:21

Date : 07/11/2008 06:48:03
 Sample Name : ICM3PP
 Study : CCV
 Rack/Vial : 1/46
 Channel : A
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 14

Raw Data File : H:\TURBO6\6890-06\6a15046.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15046.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15046.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15046.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15046.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
8.96	BB	5791715	Tetrachloro-m-xy	0.04469	1.94e+06	-10.6	8.91 - 9.01
10.52	BB	5369	alpha-BHC	4.79e-04	1590.01	99.0	10.47 - 10.57
14.99	BB	97704	gamma chlordane	6.54e-04	31132.44	-98.7	14.94 - 15.04
15.26	BB	101315	alpha chlordane	6.51e-04	18930.28	-98.7	15.21 - 15.31
15.46	BB	103380	4,4'-DDE	0.00476	5059.55	-96.5	15.41 - 15.51
15.61	BB	5147	Endosulfan I	-1.1e-03	1567.09	-102.3	15.56 - 15.66
17.11	BB	4635	Endosulfan II	-7.0e-04	1670.17	-101.4	17.06 - 17.16
17.42	BB	93941	4,4'-DDT	0.00500	1880.58	-90.0	17.37 - 17.47
18.47	VB	187687	Methoxychlor	0.00664	3216.81	-86.7	18.42 - 18.52
19.00	VV	20340	Endo. Sulfate	-3.0e-04	1166.03	-100.6	18.95 - 19.05
21.71	BB	4235552	Decachlorobiphen	0.04059	1.10e+06	-18.8	21.66 - 21.76
		10646785		0.09833	3.11e+06		

Handwritten: 7-11-08
 DJB

Missing Component Report

Component	Expected Retention (Calibration File)
gamma-BHC	11.361
beta-BHC	11.611
delta-BHC	12.044
Heptachlor	12.545
Aldrin	13.264
Hept. epoxide	14.704
Dieldrin	16.124
Endrin	16.632
4,4'-DDD	16.805
Endrin aldehyde	18.044

Sample Name : ICM3PP

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15046.raw

Date : 07/11/2008 06:48:04

Time of Injection: 07/10/2008 21:50:21

Method : 6890-6ins

Start Time : 0.00 min

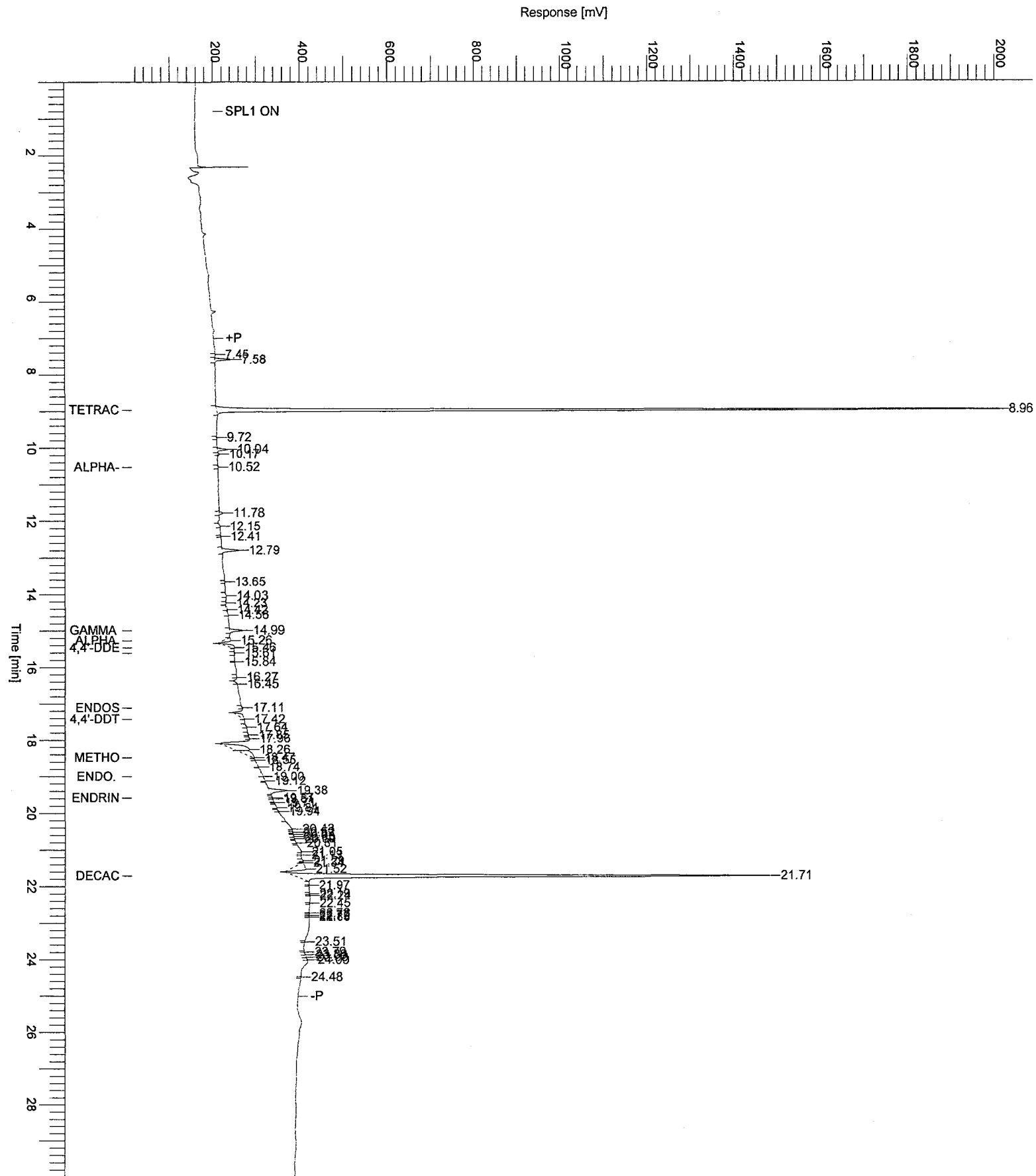
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

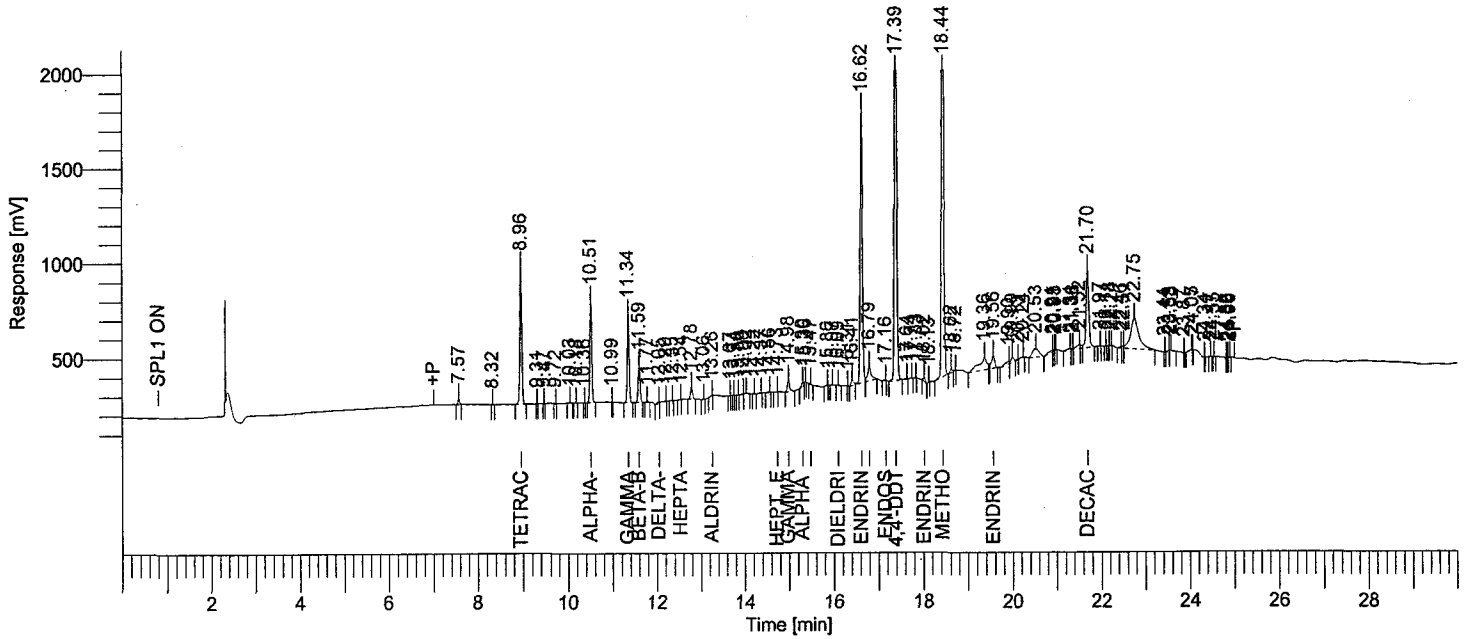
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76633
 Operator : tchrom
 Sample Number : PEM
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/11/2008 08:44:54

Date : 07/11/2008 10:06:01
 Sample Name : ICM1BC
 Study : CCV
 Rack/Vial : 1/48
 Channel : A
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6a15048.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15048.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15048.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15048.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15048.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.57	78668		B	0.07867	30211.42
3	8.96	2124996	Tetrachloro-m-xylene	B	0.01682	722306.91
7	10.03	22790		B	0.02279	7501.70
10	10.51	1582180	alpha-BHC	B	0.00835	533115.00
12	11.34	1424088	gamma-BHC	B	0.00829	464193.24
13	11.59	588236	beta-BHC	B	0.00725	191232.48
14	11.77	20291		B	0.02029	6952.75
15	12.05	39537	delta-BHC	B	0.00137	7379.81
16	12.20	31791		V	0.03179	1914.86
19	12.78	207925		B	0.20792	61319.20
21	13.26	9061	Aldrin	B	3.90e-04	1389.01
25	13.96	9504		B	0.00950	2964.00
26	14.02	28025		V	0.02802	6920.57
27	14.22	10072		B	0.01007	3931.12
28	14.37	6418		B	0.00642	744.05
29	14.56	9648		B	0.00965	2225.63
31	14.98	224290	gamma chlordane	B	0.00152	62408.74
32	15.30	62359	alpha chlordane	B	3.63e-04	18429.28
33	15.36	14634		V	0.01463	4613.63
34	15.47	21552	4,4'-DDE	B	0.00118	7448.12
35	15.86	12331		B	0.01233	2348.38
36	15.97	17689		B	0.01769	3853.76

Handwritten notes:
 DDT 5.10
 Endrin 7.39
 7-11-08
 DGB

07/11/2008 10:06:01 Result: H:\TURBO6\6890-06\6a15048.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
37	16.09	16450	Dieldrin	V	2.45e-04	4179.90
39	16.41	119897		B	0.11990	30052.23
40	16.62	4852380	Endrin	V	0.03832	1.45e+06
41	16.79	439966	4,4'-DDD	V	0.00414	77769.39
43	17.39	8286462	4,4'-DDT	B	0.08133	2.54e+06
44	17.64	10153		V	0.01015	1555.29
45	17.74	9785		V	0.00979	2042.54
47	18.02	53753	Endrin aldehyde	B	-1.4e-03	16099.55
48	18.13	11598		B	0.01160	4191.29
49	18.44	9359321	Methoxychlor	B	0.19008	2.97e+06
50	18.62	63474		B	0.06347	18943.18
51	18.72	10750		V	0.01075	2041.21
52	19.36	794497		B	0.79450	65793.27
53	19.56	333405	Endrin ketone	V	0.00273	67783.99
54	19.90	103457		B	0.10346	12696.84
55	19.99	136449		V	0.13645	28178.29
56	20.13	20813		V	0.02081	3445.80
57	20.24	31973		V	0.03197	4287.72
58	20.53	481852		B	0.48185	44244.61
59	20.91	83027		B	0.08303	9687.03
60	20.95	18679		V	0.01868	7218.58
61	20.98	11052		V	0.01105	4612.45
62	21.31	59389		B	0.05939	9000.34
63	21.36	18245		V	0.01825	7049.40
64	21.38	7805		V	0.00780	7132.89
65	21.52	136146		V	0.13615	21123.69
66	21.70	1617120	Decachlorobiphenyl	V	0.01552	408203.02
71	22.46	24506		B	0.02451	8236.15
72	22.51	32291		V	0.03229	11872.35
73	22.75	2111159		V	2.11116	161897.41
75	23.53	20972		V	0.02097	6097.50
76	23.58	34914		V	0.03491	7192.44
78	24.05	22932		B	0.02293	3071.84
					5.22212	1.03e+07
35880756						

Sample Name : ICM1BC

Sample # : PEM

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15048.raw

Date : 07/11/2008 10:06:04

Time of Injection : 07/11/2008 08:44:54

Method : 6890-6ins

Start Time : 0.00 min

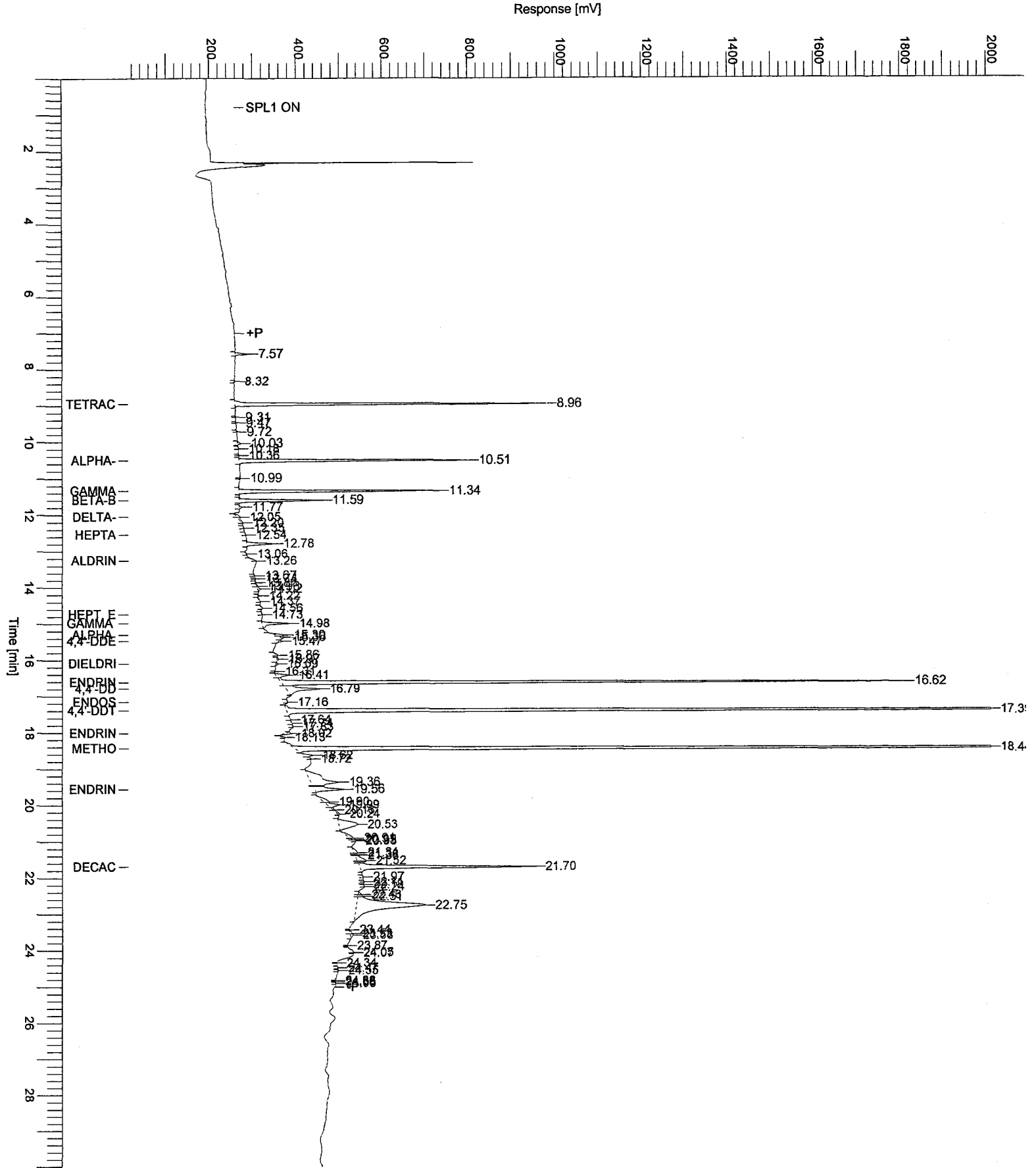
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

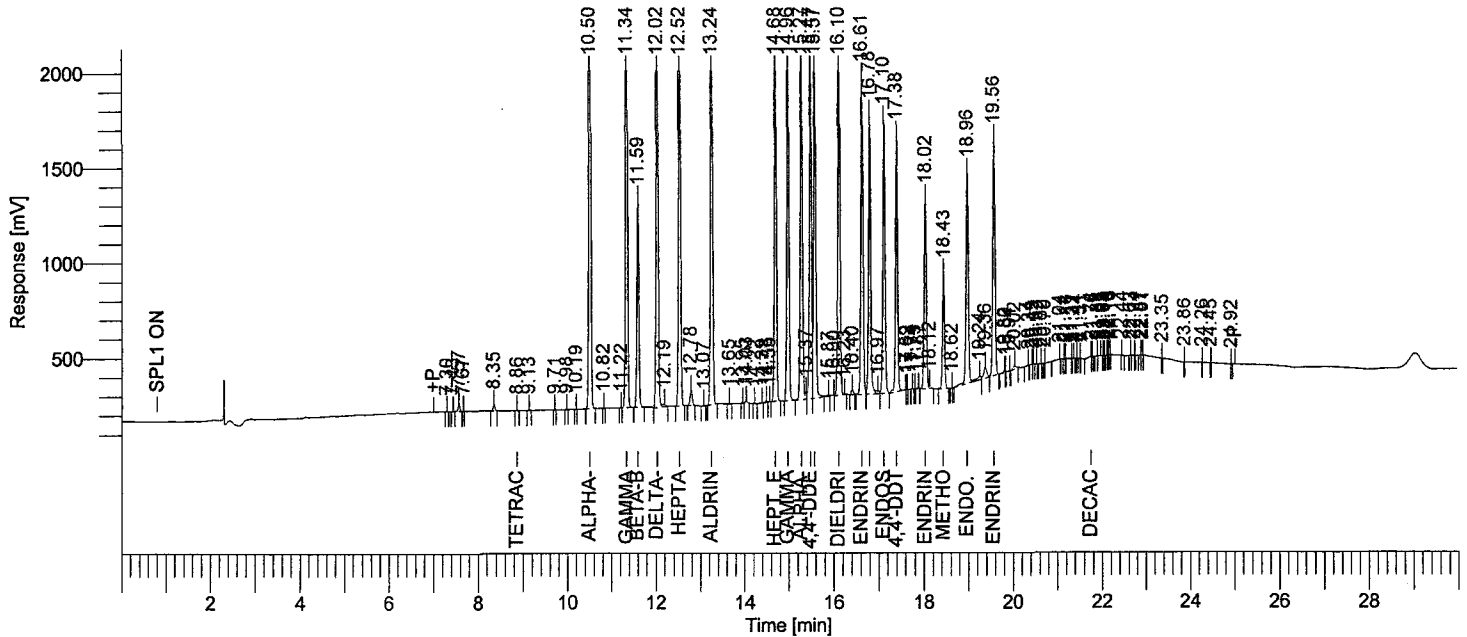
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76635
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/11/2008 09:18:40

Date : 07/11/2008 10:06:36
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/49
 Channel : A
 A/D mV Range : 1000
 End Time : 29.95 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 2

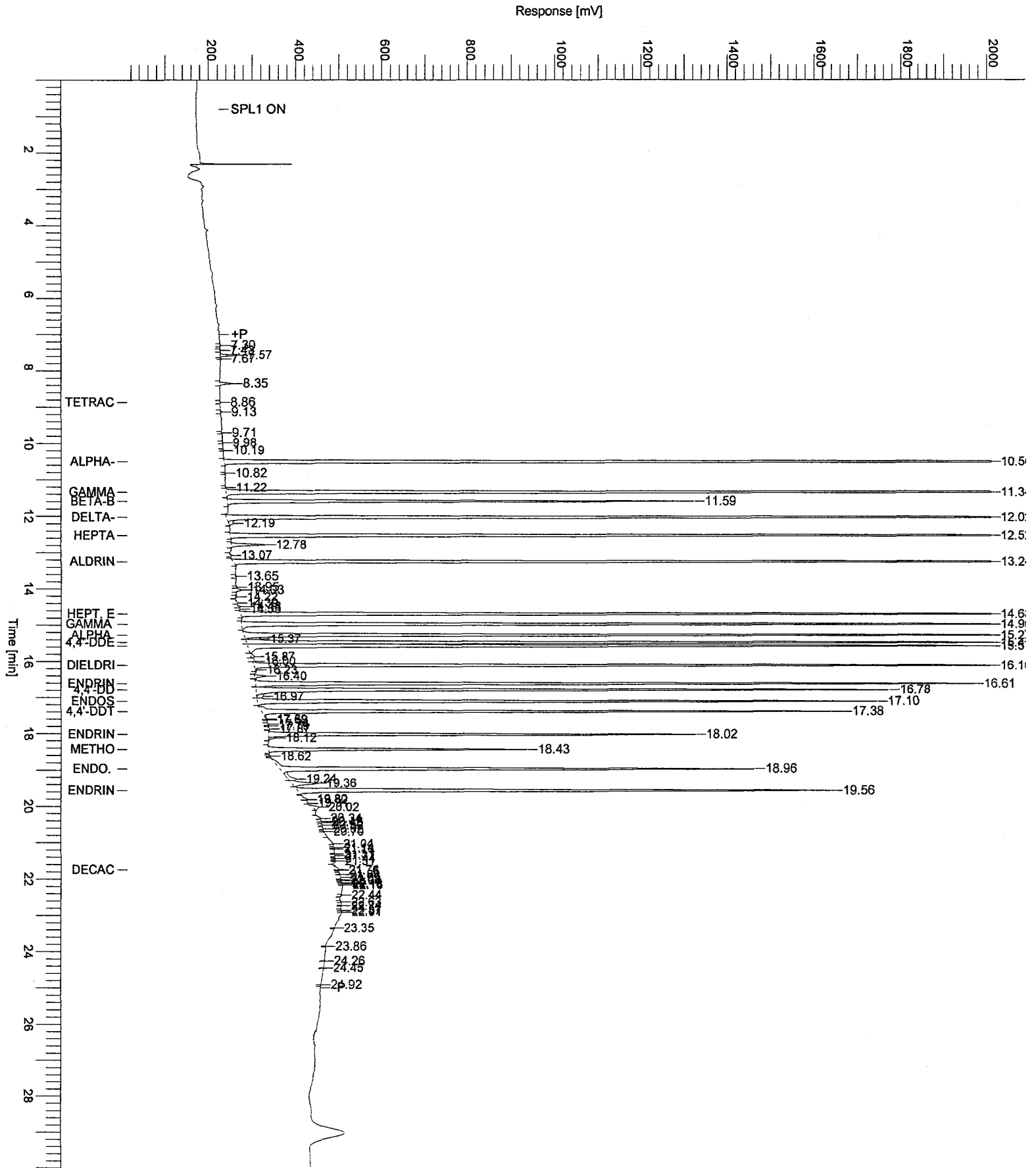
Raw Data File : H:\TURBO6\6890-06\6a15049.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15049.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15049.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15049.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15049.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
8.86	BB	5486	Tetrachloro-m-xy	7.11e-04	1865.43	-98.6	8.81 - 8.91
10.50	BB	9447998	alpha-BHC	0.04764	3.23e+06	-4.7	10.45 - 10.55
11.34	VB	8312274	gamma-BHC	0.04711	2.77e+06	-5.8	11.29 - 11.39
11.59	BB	3340363	beta-BHC	0.04739	1.08e+06	-5.2	11.54 - 11.64
12.02	BE	7813362	delta-BHC	0.04566	2.55e+06	-8.7	11.97 - 12.07
12.52	BB	7857470	Heptachlor	0.04714	2.59e+06	-5.7	12.47 - 12.57
13.24	BB	7165361	Aldrin	0.04514	2.33e+06	-9.7	13.19 - 13.29
14.68	VB	6290196	Hept. epoxide	0.04423	1.98e+06	-11.5	14.63 - 14.73
14.96	BB	6434987	gamma chlordane	0.04386	2.03e+06	-12.3	14.91 - 15.01
15.27	BE	6010416	alpha chlordane	0.04429	1.88e+06	-11.4	15.22 - 15.32
15.47	VV	6047691	4,4'-DDE	0.04423	1.92e+06	-11.5	15.42 - 15.52
15.57	VV	5913830	Endosulfan I	0.04514	1.77e+06	-9.7	15.52 - 15.62
16.10	VE	6125126	Dieldrin	0.04301	1.88e+06	-14.0	16.05 - 16.15
16.61	VV	5586554	Endrin	0.04404	1.67e+06	-11.9	16.56 - 16.66
16.78	VE	4895049	4,4'-DDD	0.04250	1.47e+06	-15.0	16.73 - 16.83
17.10	VB	4903120	Endosulfan II	0.04251	1.44e+06	-15.0	17.05 - 17.15
17.38	BE	4345376	4,4'-DDT	0.04461	1.34e+06	-10.8	17.33 - 17.43
18.02	VE	3338901	Endrin aldehyde	0.03947	992276.06	-21.1	17.97 - 18.07
18.43	BB	1957222	Methoxychlor	0.04203	601136.23	-15.9	18.38 - 18.48
18.96	BE	3990834	Endo. Sulfate	0.04009	1.10e+06	-19.8	18.91 - 19.01
19.56	VB	4449490	Endrin ketone	0.03979	1.24e+06	-20.4	19.51 - 19.61
21.74	BV	27642	Decachlorobiphen	2.95e-04	3687.50	-99.4	21.69 - 21.79
		1e+08		0.88087	3.59e+07		

7-11-08
 25813

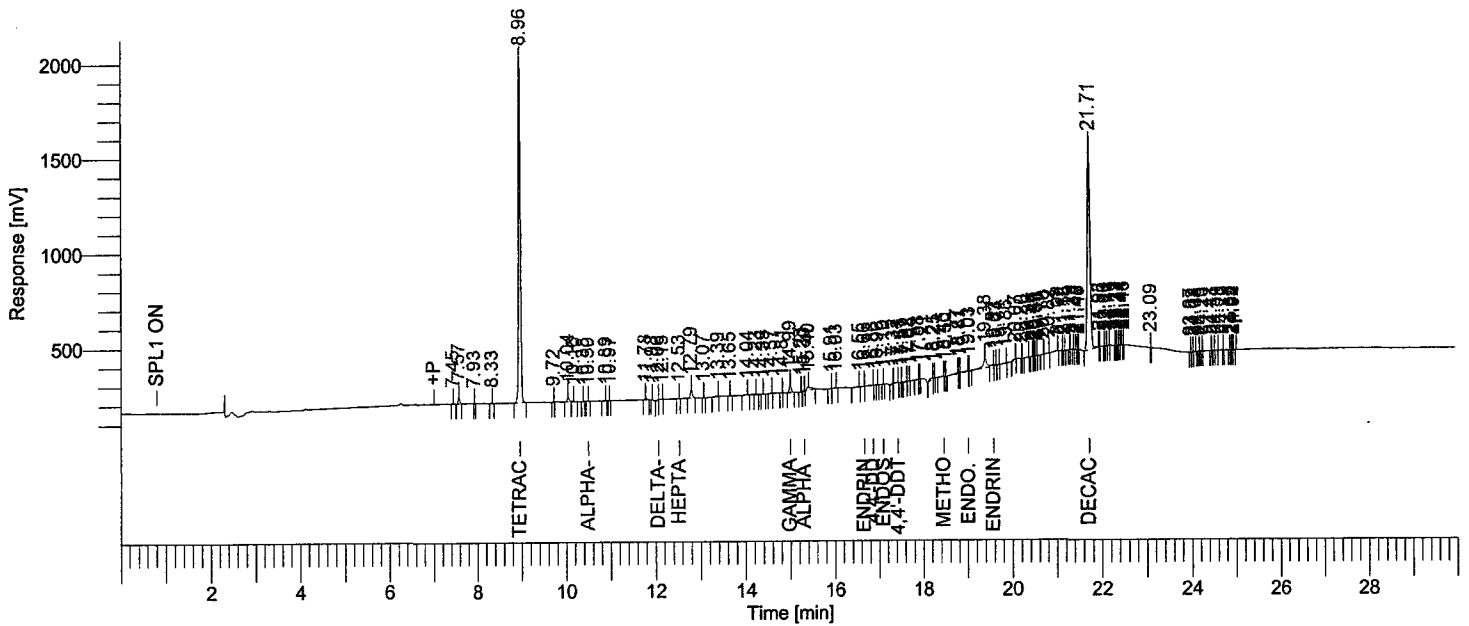
Sample Name : ICM25WU
File Name : H:\TURBO\6890-06\6a15049.raw
Date : 07/11/2008 10:06:39
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample #: 0.05
Page 1 of 1
Time of Injection: 07/11/2008 09:18:40
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76639
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/11/2008 09:52:38

Date : 07/11/2008 11:23:53
 Sample Name : ICM3PP
 Study : CCV
 Rack/Vial : 1/50
 Channel : A
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6a15050.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15050.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15050.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15050.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15050.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



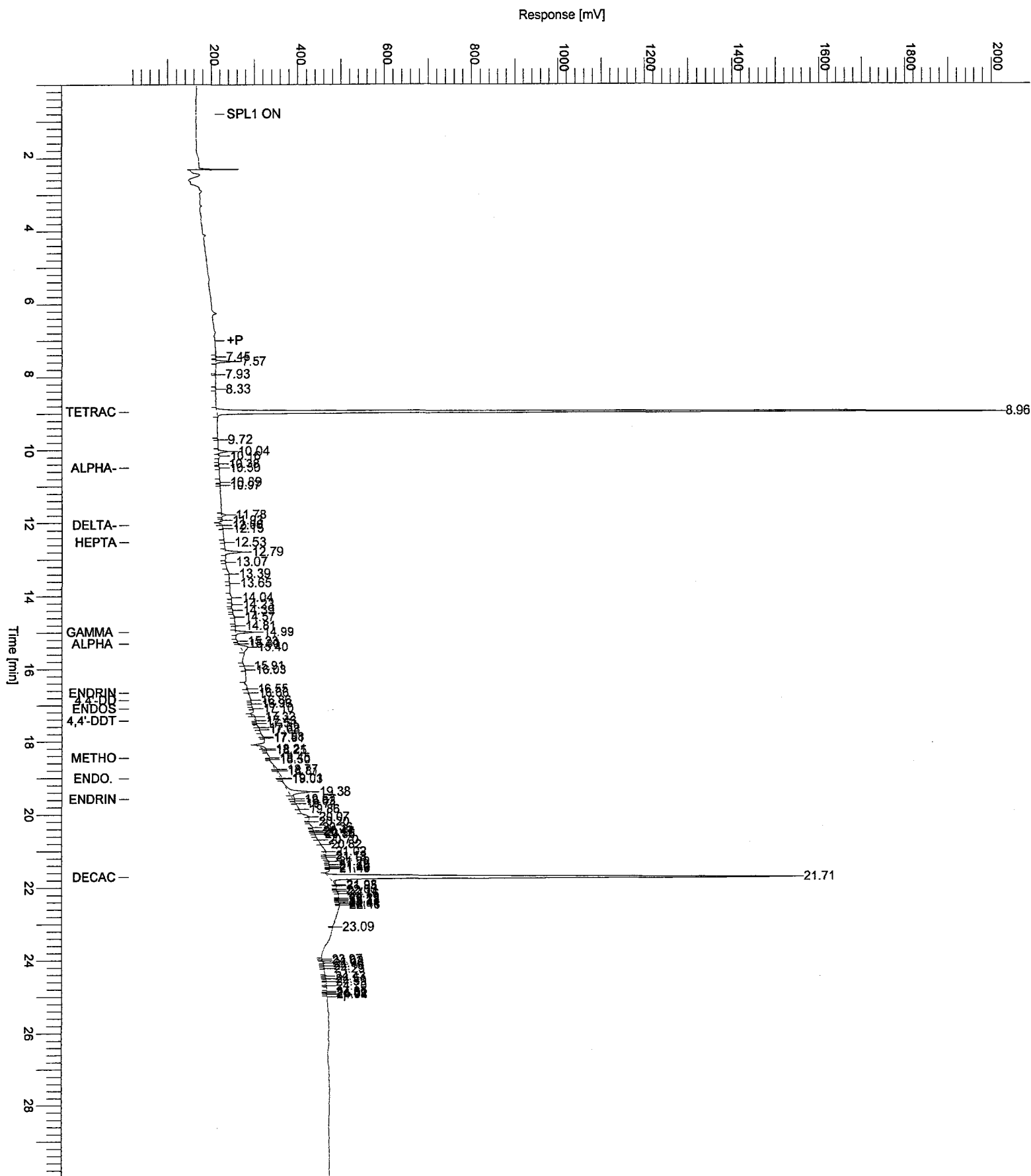
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
8.96	BB	5840813	Tetrachloro-m-xy	0.04507	1.98e+06	-9.9	8.91 - 9.01
10.50	BB	4222	alpha-BHC	4.73e-04	1600.42	-99.1	10.45 - 10.55
12.06	BV	17424	delta-BHC	0.00125	4777.91	-97.5	12.01 - 12.11
14.99	BB	126750	gamma chlordane	8.52e-04	41303.68	-98.3	14.94 - 15.04
16.66	VV	6828	Endrin	6.23e-04	1355.39	-98.8	16.61 - 16.71
16.86	VB	10150	4,4'-DDD	4.39e-04	646.84	-99.1	16.81 - 16.91
17.43	VB	21195	4,4'-DDT	0.00432	1323.61	-91.4	17.38 - 17.48
18.45	BB	4891	Methoxychlor	0.00298	685.93	-94.0	18.40 - 18.50
19.01	VV	48291	Endo. Sulfate	-2.1e-05	3844.64	-100.0	18.96 - 19.06
19.57	VV	29254	Endrin ketone	4.6e-06	4460.86	-100.0	19.52 - 19.62
21.71	BE	4083999	Decachlorobiphen	0.03914	1.07e+06	-21.7	21.66 - 21.76
		10193817		0.09512	3.11e+06		

7-11-08
 DJB

Missing Component Report

Component	Expected Retention (Calibration File)
gamma-BHC	11.361
beta-BHC	11.611
Aldrin	13.264
Hept. epoxide	14.704
4,4'-DDE	15.490
Endosulfan I	15.587
Dieldrin	16.124
Endrin aldehyde	18.044

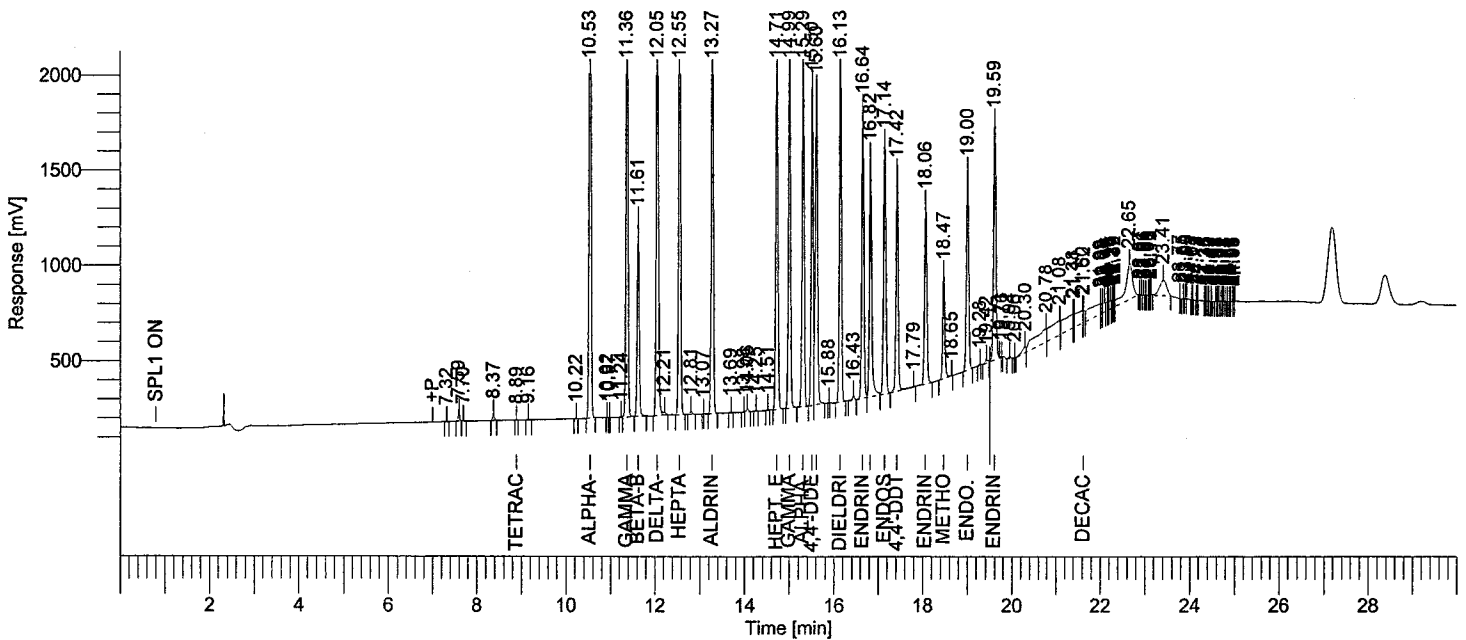
Sample Name : ICM3PP
File Name : H:\TURBO6\6890-06\6a15050.raw
Date : 07/11/2008 11:23:56
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample #: 0.05
Page 1 of 1
Time of Injection : 07/11/2008 09:52:38
End Time : 30.00 min
Plot Scale : 2000.0 mV
Low Point : 10.00 mV
High Point : 2010.00 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75523
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/12/2008 05:38:27

Date : 07/13/2008 10:51:53
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/56
 Channel : A
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 5

Raw Data File : H:\TURBO6\6890-06\6a15056.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15056.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15056.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15056.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15056.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
10.53	BB	9012392	alpha-BHC	0.04546	3.06e+06	-9.1	10.48 -	10.58
11.36	VB	7944023	gamma-BHC	0.04503	2.61e+06	-9.9	11.31 -	11.41
11.61	BB	3218238	beta-BHC	0.04561	1.02e+06	-8.8	11.56 -	11.66
12.05	BE	7625880	delta-BHC	0.04460	2.42e+06	-10.8	12.00 -	12.10
12.55	BB	7554827	Heptachlor	0.04533	2.48e+06	-9.3	12.50 -	12.60
13.27	BB	6969396	Aldrin	0.04392	2.25e+06	-12.2	13.22 -	13.32
14.71	BB	6048446	Hept. epoxide	0.04250	1.89e+06	-15.0	14.66 -	14.76
14.99	BB	6080063	gamma chlordane	0.04144	1.90e+06	-17.1	14.94 -	15.04
15.29	BB	5597364	alpha chlordane	0.04124	1.76e+06	-17.5	15.24 -	15.34
15.50	BV	5284023	4,4'-DDE	0.03878	1.68e+06	-22.4	15.45 -	15.55
15.60	VB	5586753	Endosulfan I	0.04258	1.66e+06	-14.8	15.55 -	15.65
16.13	BB	5749603	Dieldrin	0.04038	1.76e+06	-19.2	16.08 -	16.18
16.64	BV	5121313	Endrin	0.04042	1.52e+06	-19.2	16.59 -	16.69
16.82	VV	4596977	4,4'-DDD	0.03993	1.26e+06	-20.1	16.77 -	16.87
17.14	VB	4598261	Endosulfan II	0.03982	1.31e+06	-20.4	17.09 -	17.19
17.42	BE	3785799	4,4'-DDT	0.03940	1.14e+06	-21.2	17.37 -	17.47
18.06	VB	3326895	Endrin aldehyde	0.03932	937395.72	-21.4	18.01 -	18.11

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 JKB

07/13/2008 10:51:53 Result: H:\TURBO6\6890-06\6a15056.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	-	Relative
18.47	BE	1809079	Methoxychlor	0.03907	538086.75	-21.9	18.42 -	-	18.52
19.00	BB	3671688	Endo. Sulfate	0.03684	1.04e+06	-26.3	18.95 -	-	19.05
19.59	VE	4632042	Endrin ketone	0.04143	1.24e+06	-17.1	19.54 -	-	19.64
21.62	VV	176622	Decachlorobiphen	0.00172	63745.49	-96.6	21.57 -	-	21.67
		1e+08		0.83480	3.35e+07				

Missing Component Report

Component Expected Retention (Calibration File)

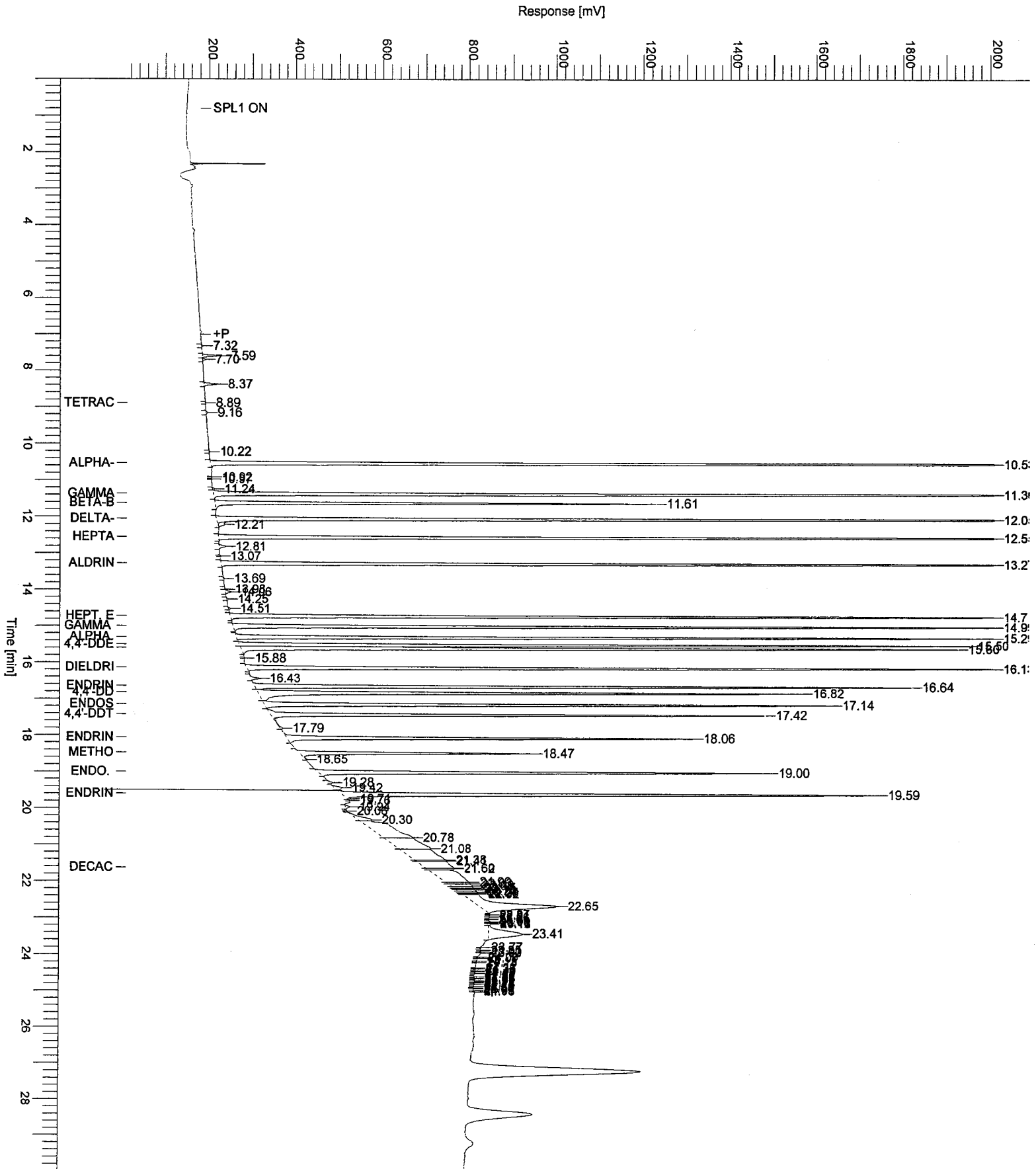
All components were found

Sample Name : ICM25WU
FileName : H:\TURBO6\6890-06\6a15056.raw
Date : 07/13/2008 10:51:55
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: 0.05

Page 1 of 1

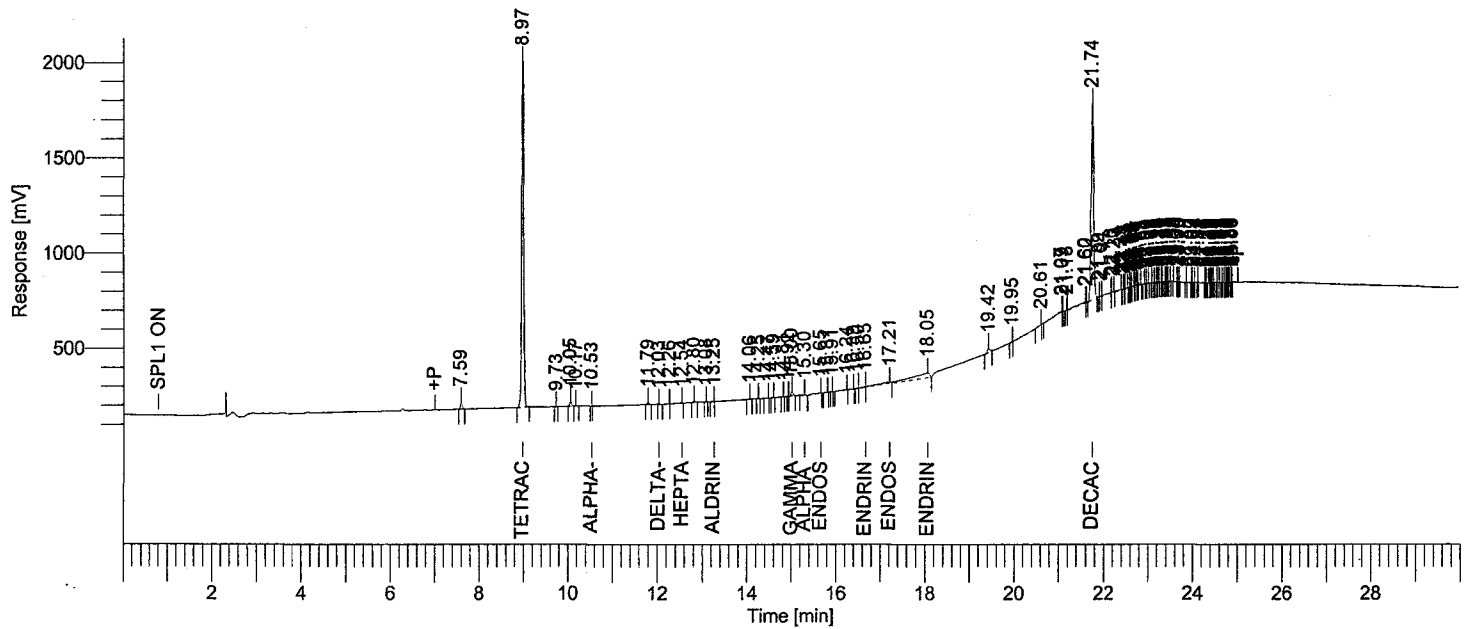
Time of Injection: 07/12/2008 05:38:27
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75525
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/12/2008 06:12:12

Date : 07/13/2008 10:52:00
 Sample Name : ICM3PP
 Study : CCV
 Rack/Vial : 1/57
 Channel : A
 A/D mV Range : 1000
 End Time : 29.95 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 6

Raw Data File : H:\TURBO6\6890-06\6a15057.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15057.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15057.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15057.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15057.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
8.97	BB	5873768	Tetrachloro-m-xy	0.04532	1.98e+06	-9.4	8.92 - 9.02	
12.03	BB	5207	delta-BHC	0.00418	1759.72	-97.6	11.98 - 12.08	
12.54	VB	11299	Heptachlor	2.88e-04	817.60	-99.4	12.49 - 12.59	
15.00	BB	69416	gamma chlordane	4.61e-04	22311.10	-99.1	14.95 - 15.05	
15.30	BB	27415	alpha chlordane	1.05e-04	4825.62	-99.8	15.25 - 15.35	
15.65	BB	58113	Endosulfan I	-7.2e-04	1371.45	-101.4	15.60 - 15.70	
16.65	VV	19831	Endrin	7.24e-04	2948.60	-98.6	16.60 - 16.70	
17.21	VV	154427	Endosulfan II	6.18e-04	6245.45	-98.8	17.16 - 17.26	
18.05	VB	73554	Endrin aldehyde	0.00712	24891.67	-85.8	18.00 - 18.10	
21.74	BB	3897656	Decachlorobiphen	0.03736	1.03e+06	-25.3	21.69 - 21.79	
		10854747		0.09245	3.08e+06			

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 SWS

Sample Name : ICM3PP

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15057.raw

Date : 07/13/2008 10:52:01

Time of Injection: 07/12/2008 06:12:12

Method : 6890-6ins

Start Time : 0.00 min

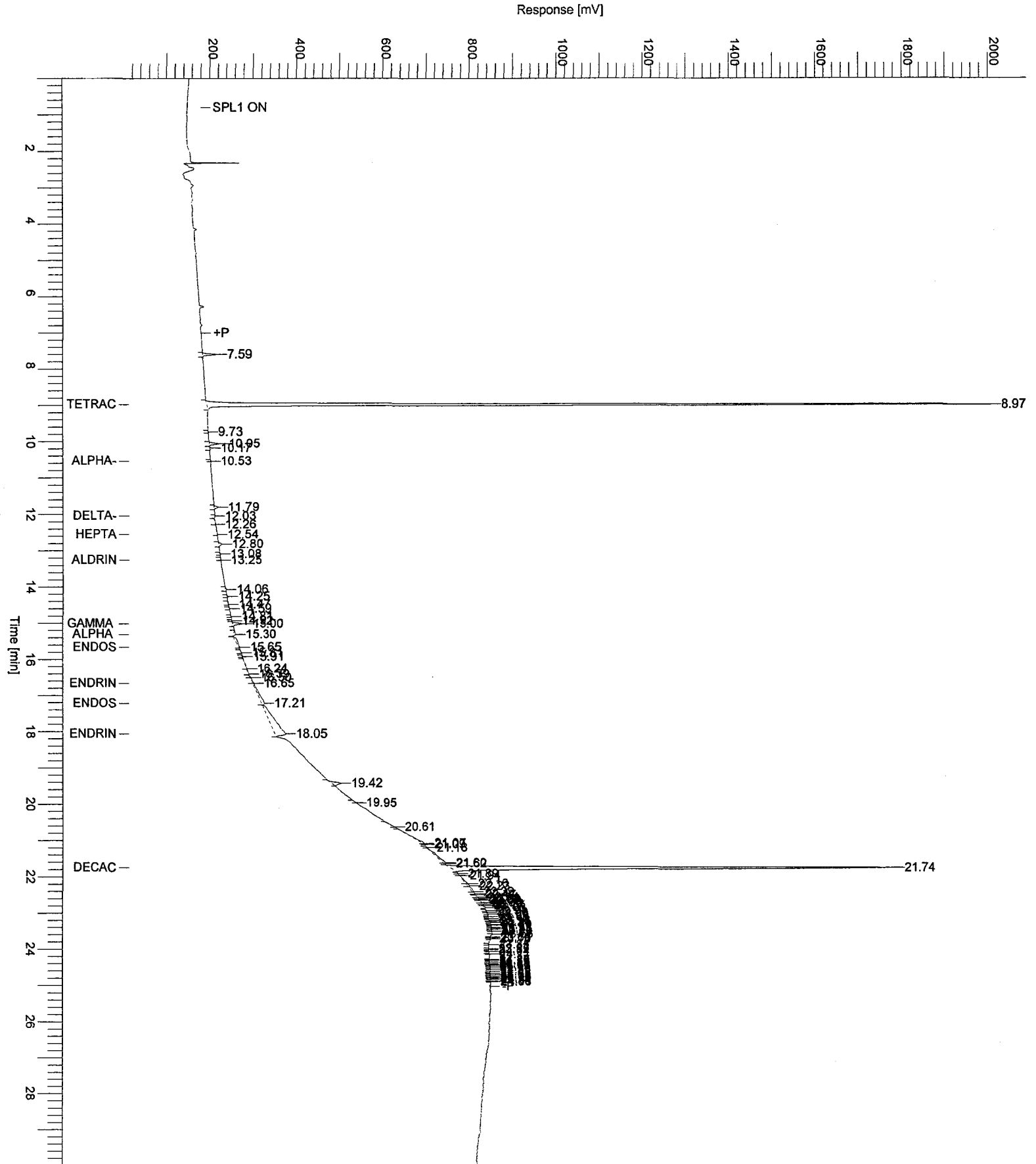
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

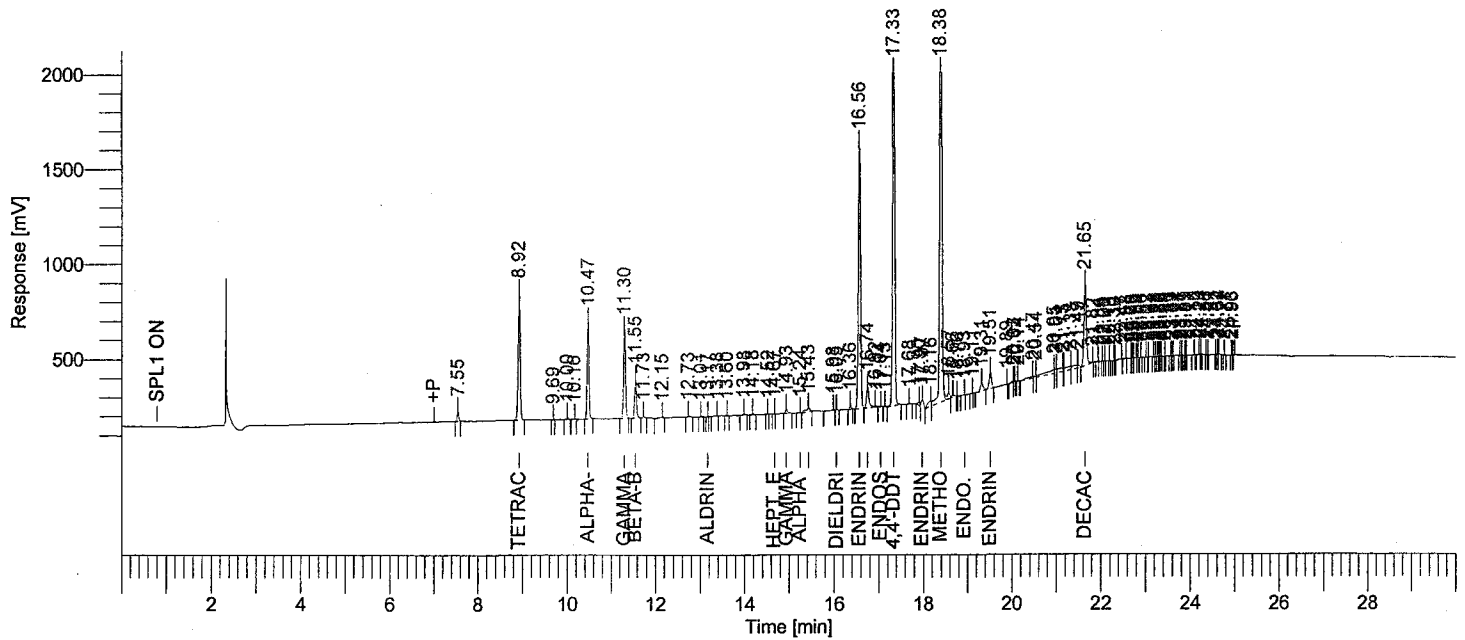
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76893
 Operator : tchom
 Sample Number : PEM
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 08:22:37

Date : 07/17/2008 07:24:08
 Sample Name : ICM1BC
 Study : CCV
 Rack/Vial : 1/90
 Channel : A
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6a15090.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15090.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15090.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15090.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15090.rst
 Report Format File: h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.55	134479		B	0.13448	49530.77
2	8.92	2010636	Tetrachloro-m-xylene	B	0.01595	661518.88
4	10.00	24376		B	0.02438	7960.11
5	10.16	7805		B	0.00781	1907.94
6	10.47	1523127	alpha-BHC	B	0.00806	508660.80
7	11.30	1407468	gamma-BHC	B	0.00820	458251.30
8	11.55	629603	beta-BHC	B	0.00785	200169.14
9	11.73	27939		V	0.02794	8720.23
10	12.15	29578		B	0.02958	3105.50
11	12.73	19309		B	0.01931	4944.09
12	13.01	8306		B	0.00831	2894.90
14	13.38	6765		B	0.00677	705.62
16	13.98	19685		B	0.01968	5221.71
17	14.18	21910		B	0.02191	6842.18
20	14.93	80980	gamma chlordane	B	5.40e-04	22138.56
21	15.24	7084	alpha chlordane	B	-4.5e-05	1666.12
22	15.43	122977	4,4'-DDE	B	0.00190	18308.50
23	15.98	19321		B	0.01932	3261.65
24	16.05	8340	Dieldrin	V	1.88e-04	2892.68
25	16.36	48088		B	0.04809	17469.08
26	16.56	4590865	Endrin	B	0.03629	1.38e+06
27	16.74	438692	4,4'-DDD	V	0.00413	112394.13

DDT 5.52
Endrin 9.24
7-17-08
MLB

07/17/2008 07:24:08 Result: H:\TURBO6\6890-06\6a15090.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
28	16.92	40054		E	0.04005	7855.88
29	17.04	6275	Endosulfan II	V	-6.9e-04	1541.43
30	17.13	6069		B	0.00607	2268.59
31	17.33	7479083	4,4'-DDT	B	0.07380	2.36e+06
32	17.68	16361		B	0.01636	4350.03
33	17.90	55970		B	0.05597	16786.84
34	17.97	140836	Endrin aldehyde	V	-3.0e-04	34958.17
35	18.16	177334		B	0.17733	27324.61
36	18.38	9423566	Methoxychlor	V	0.19137	2.89e+06
37	18.57	172417		E	0.17242	32050.48
38	18.66	47219		V	0.04722	10702.28
42	19.31	185528		B	0.18553	41619.49
43	19.51	326774	Endrin ketone	V	0.00267	85069.44
44	19.89	22927		V	0.02293	1286.12
45	20.03	29313		B	0.02931	4885.38
48	20.47	115775		B	0.11578	9546.09
49	20.54	32278		V	0.03228	9371.33
50	20.95	326939		V	0.32694	19666.49
51	21.01	62050		V	0.06205	19932.39
52	21.15	158937		V	0.15894	17964.21
53	21.17	25228		V	0.02523	17347.05
54	21.33	157023		V	0.15702	17585.81
55	21.47	146319		V	0.14632	16357.70
56	21.49	36031		V	0.03603	15766.47
57	21.65	1632671	Decachlorobiphenyl	B	0.01567	421664.17
58	21.82	11068		E	0.01107	1876.51
65	22.47	19825		V	0.01982	2262.05
66	22.58	7783		V	0.00778	1192.63
95	24.62	7898		V	0.00790	4507.46
96	24.64	15868		V	0.01587	5532.50
					2.60936	9.59e+06
32072750						

Sample Name : ICM1BC

Sample #: PEM

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15090.raw

Date : 07/17/2008 07:24:09

Method : 6890-6ins

Time of Injection: 07/16/2008 08:22:37

Start Time : 0.00 min

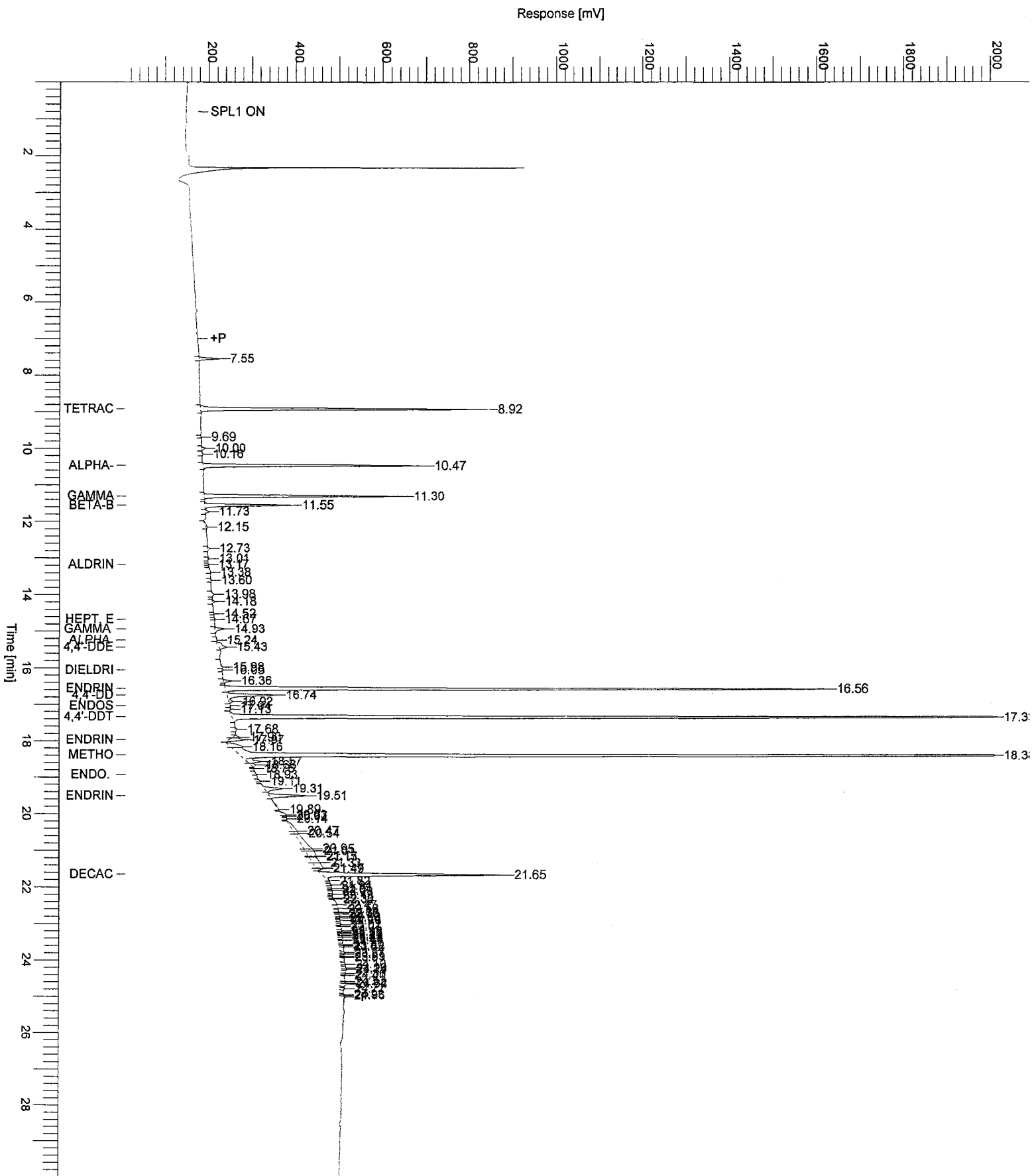
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

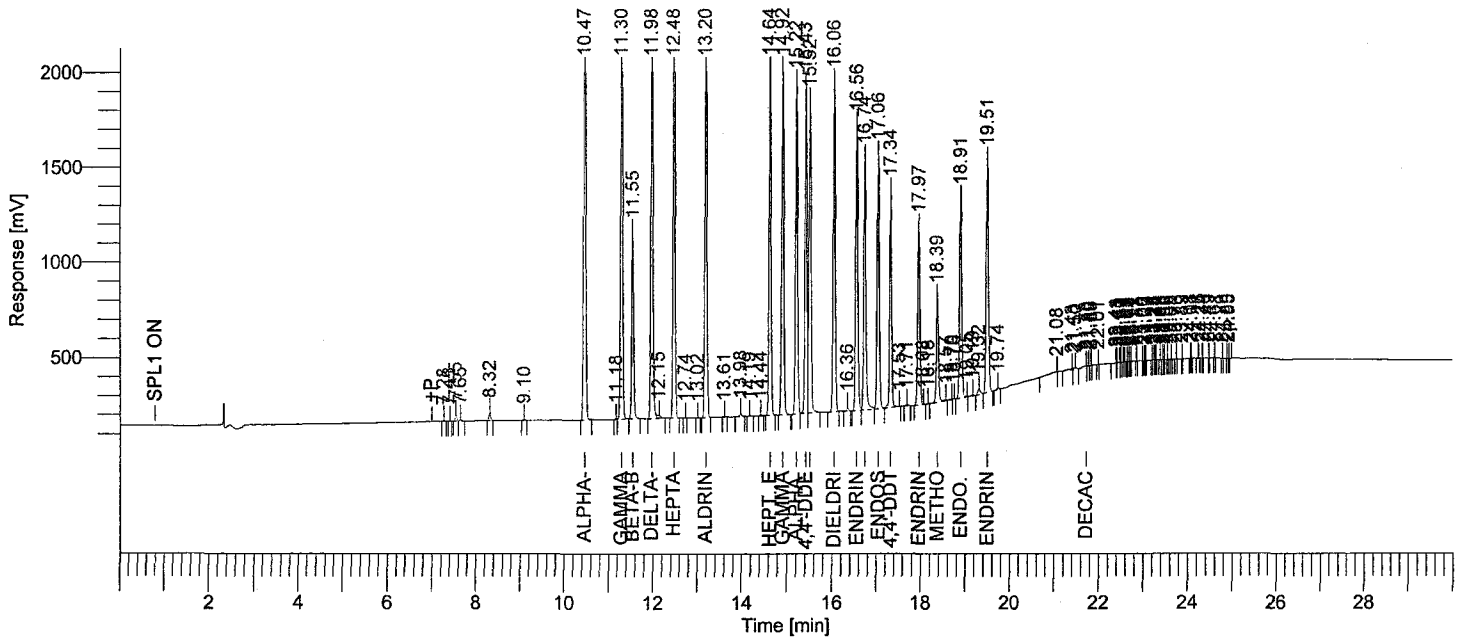
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76895
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 08:56:24

Date : 07/17/2008 07:24:16
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/91
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6a15091.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15091.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15091.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15091.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15091.rst
 Report Format File: h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
10.47	BB	8283199	alpha-BHC	0.04182	2.84e+06	-16.4	10.42 -	10.52
11.30	VB	7368393	gamma-BHC	0.04179	2.44e+06	-16.4	11.25 -	11.35
11.55	BB	3047428	beta-BHC	0.04312	969742.48	-13.8	11.50 -	11.60
11.98	BE	7113115	delta-BHC	0.04167	2.25e+06	-16.7	11.93 -	12.03
12.48	BB	7096256	Heptachlor	0.04259	2.34e+06	-14.8	12.43 -	12.53
13.20	BB	6659893	Aldrin	0.04198	2.17e+06	-16.0	13.15 -	13.25
14.64	BB	5850695	Hept. epoxide	0.04108	1.86e+06	-17.8	14.59 -	14.69
14.92	BB	5940998	gamma chlordane	0.04049	1.88e+06	-19.0	14.87 -	14.97
15.22	BB	5477980	alpha chlordane	0.04035	1.73e+06	-19.3	15.17 -	15.27
15.43	BV	5389146	4,4'-DDE	0.03953	1.72e+06	-20.9	15.38 -	15.48
15.52	VB	5411481	Endosulfan I	0.04121	1.63e+06	-17.6	15.47 -	15.57
16.06	BB	3659187	Dieldrin	0.03948	1.73e+06	-21.0	16.01 -	16.11
16.56	BV	4943241	Endrin	0.03903	1.49e+06	-21.9	16.51 -	16.61
16.74	VV	4577329	4,4'-DDD	0.03976	1.32e+06	-20.5	16.69 -	16.79
17.06	VB	4533160	Endosulfan II	0.03924	1.33e+06	-21.5	17.01 -	17.11
17.34	BE	3659187	4,4'-DDT	0.03822	1.13e+06	-23.6	17.29 -	17.39
17.97	BE	3162663	Endrin aldehyde	0.03728	925308.86	-25.4	17.92 -	18.02
18.39	VE	1806258	Methoxychlor	0.03901	541680.09	-22.0	18.34 -	18.44
18.91	VE	3672238	Endo. Sulfate	0.03684	1.04e+06	-26.3	18.86 -	18.96
19.51	BB	4396471	Endrin ketone	0.03931	1.21e+06	-21.4	19.46 -	19.56
21.73	BV	40741	Decachlorobiphen	4.20e-04	3262.48	-99.2	21.68 -	21.78
		1e+08		0.80424	3.25e+07			

*7-17-08
 DCHS*

Sample Name : ICM25WU

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15091.raw

Date : 07/17/2008 07:24:17

Method : 6890-6ins

Time of Injection: 07/16/2008 08:56:24

Start Time : 0.00 min

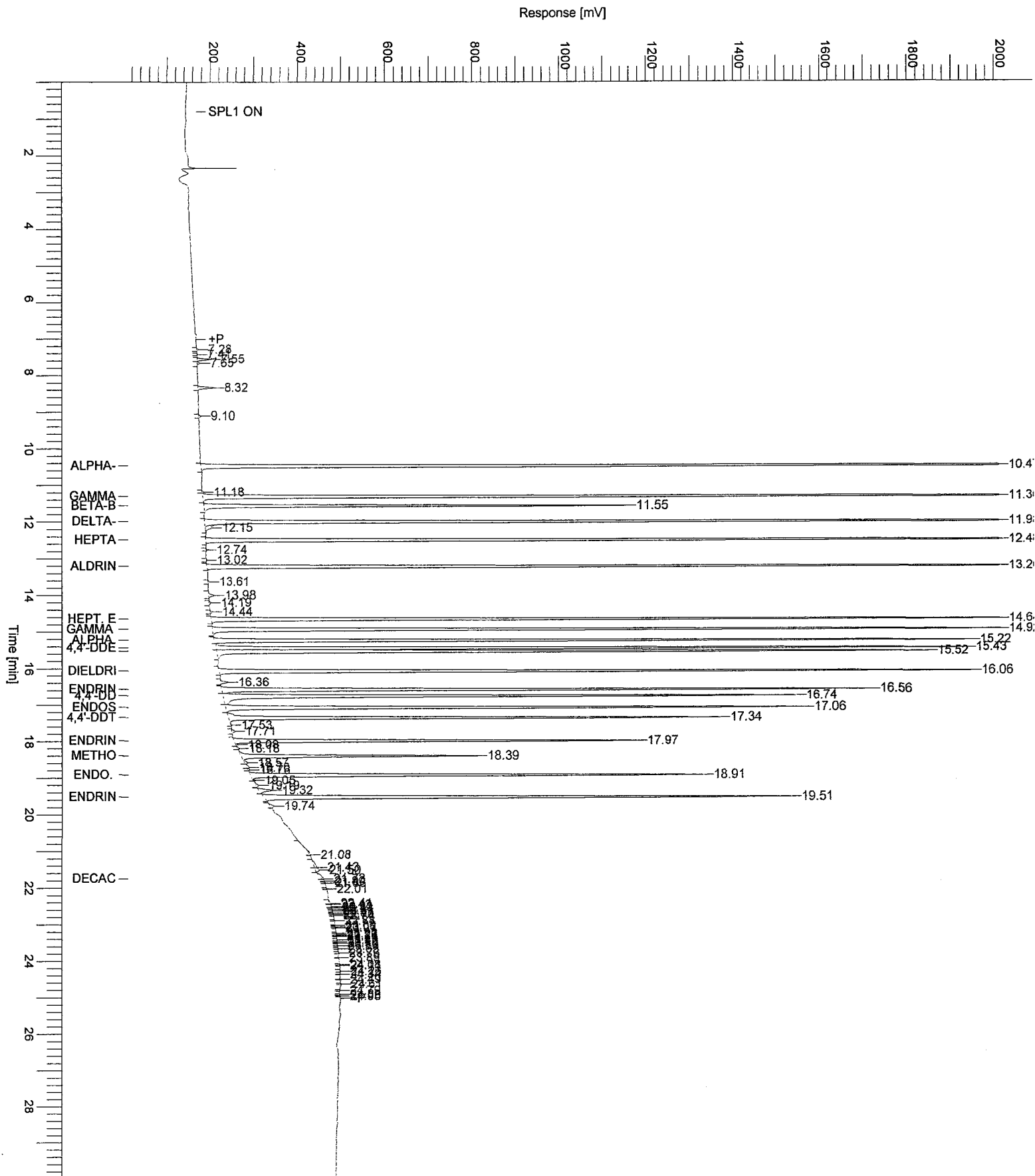
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

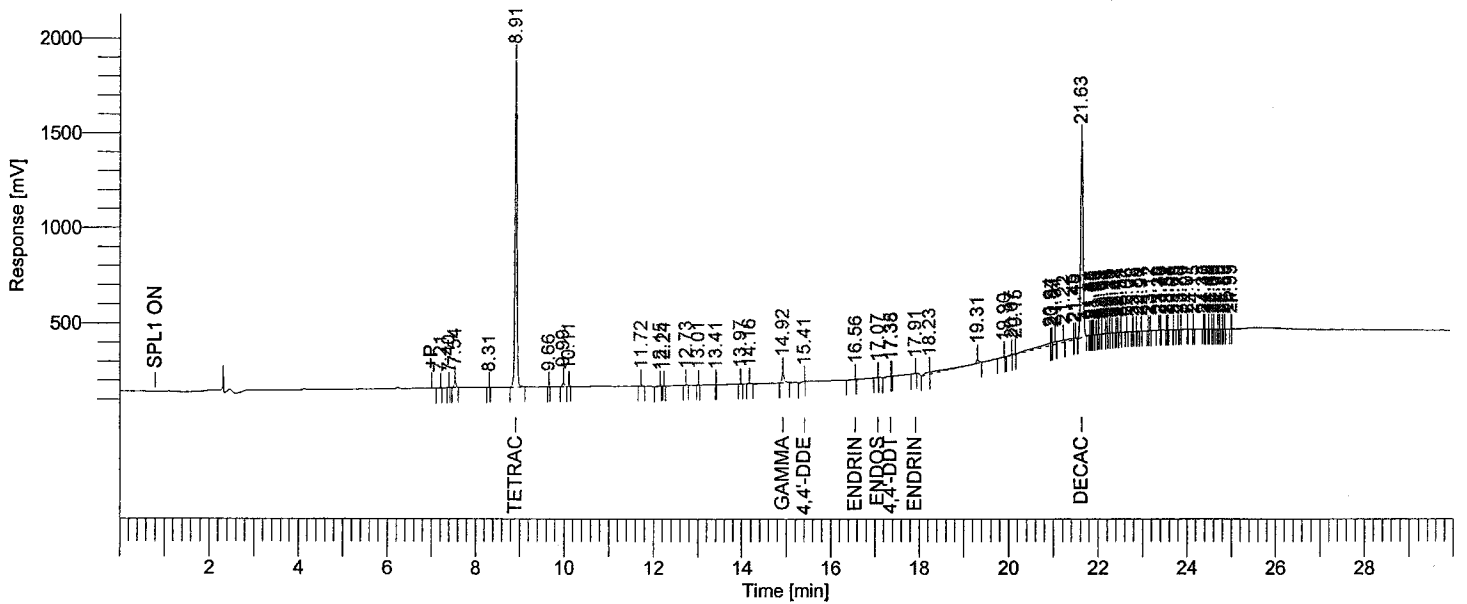
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76897
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 10:35:01

Date : 07/17/2008 07:24:24
 Sample Name : ICM3PP
 Study : CCV
 Rack/Vial : 1/92
 Channel : A
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-06\6a15092.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15092.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15092.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15092.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15092.rst
 Report Format File: h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



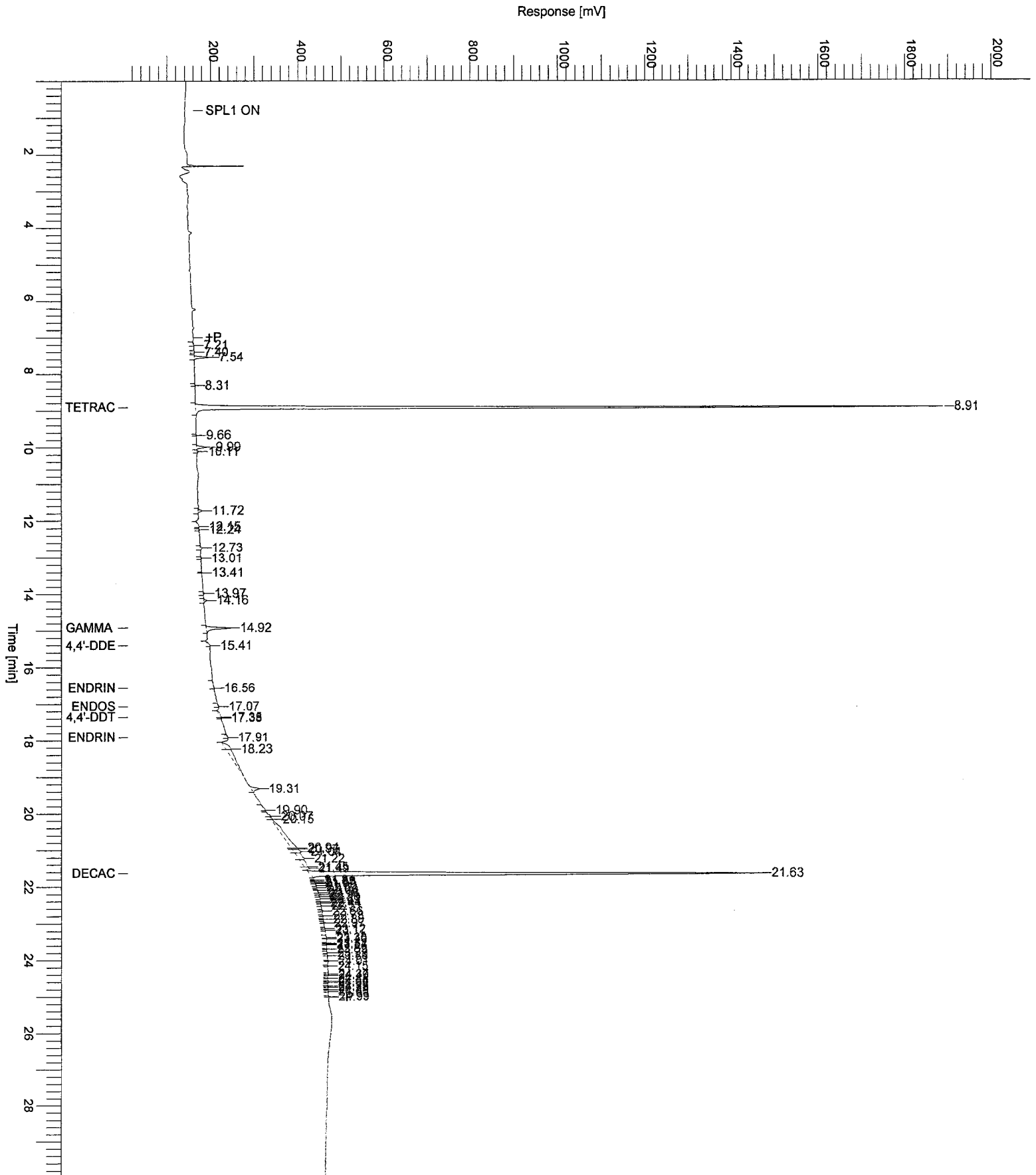
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
8.91	BB	5245950	Tetrachloro-m-xy	0.04054	1.72e+06	-18.9	8.86 - 8.96
14.92	BB	190944	gamma chlordane	0.00129	54246.05	-97.4	14.87 - 14.97
15.41	BB	17689	4,4'-DDE	0.00115	1797.88	-97.7	15.36 - 15.46
16.56	BB	7667	Endrin	6.29e-04	438.33	-98.7	16.51 - 16.61
17.07	BB	5161	Endosulfan II	-7.0e-04	764.76	-101.4	17.02 - 17.12
17.35	BV	29105	4,4'-DDT	0.00440	1744.44	-91.2	17.30 - 17.40
17.91	BB	5969	Endrin aldehyde	-2.0e-03	1313.24	-104.8	17.86 - 17.96
21.63	BB	3918974	Decachlorobiphen	0.03756	1.04e+06	-24.9	21.58 - 21.68
		9421479		0.08289	2.83e+06		

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.455
gamma-BHC	11.290
beta-BHC	11.542
delta-BHC	11.973
Heptachlor	12.474
Aldrin	13.190
Hept. epoxide	14.626
alpha chlordane	15.207

7-17-08
 BVB

Sample Name : ICM3PP
File Name : H:\TURBO6\6890-06\6a15092.raw
Date : 07/17/2008 07:24:24
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # : 0.05
Page 1 of 1
Time of Injection : 07/16/2008 10:35:01
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Scale : 2000.0 mV



```

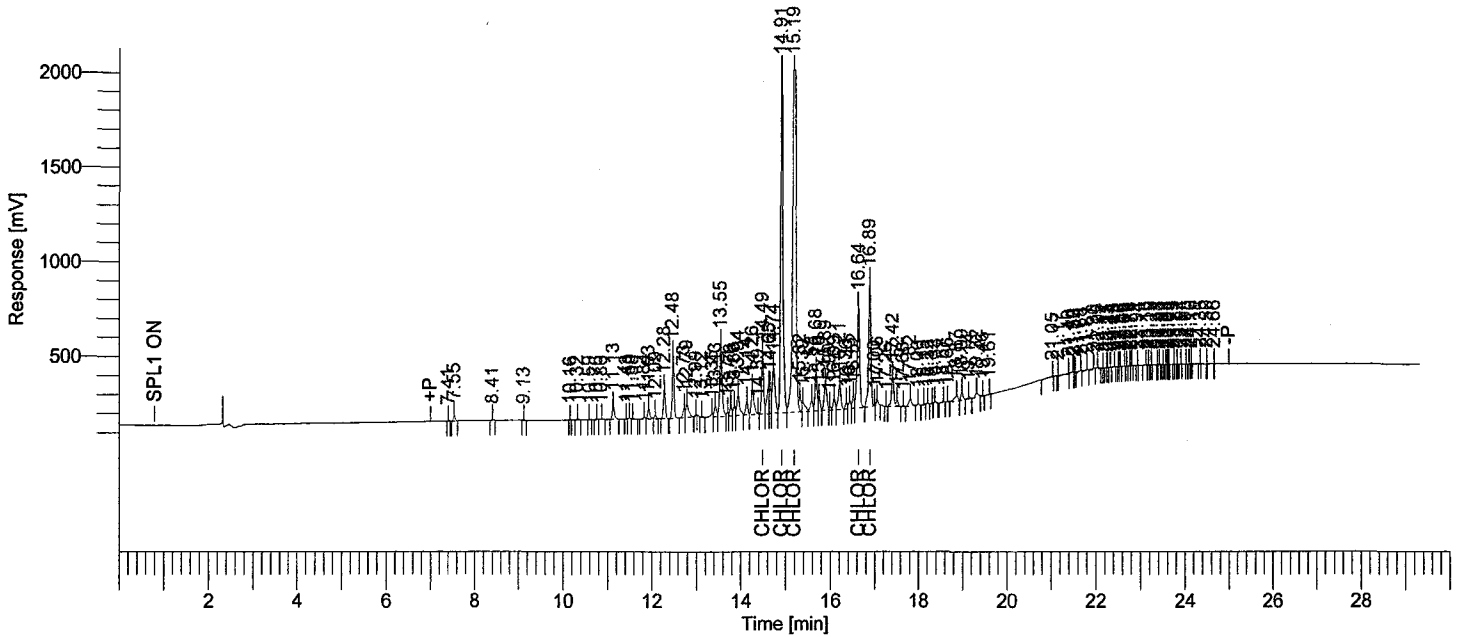
Software Version   : 6.2.1.0.104:0104
Operator          : tchrom
Sample Number     : 0.5
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : None
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 07/16/2008 11:08:54

Date              : 07/17/2008 07:41:10
Sample Name      : ICM11QG
Study           :
Rack/Vial       : 1/93
Channel        : A
A/D mV Range   : 1000
End Time       : 29.32 min

Area Reject     : 8000.000000
Dilution Factor : 1.00
Cycle          : 4
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a15093.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a15093.rst
Inst Method  : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15093.raw
Proc Method  : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15093.rst
Calib Method : h:\turbo6\6890-06\6a-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6a15093.rst
Report Format File: h:\turbo6\6890-06\06pcb%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-15.seq
    
```



HP6890-06 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
15.19	25419028	CHLORDANE	0.41047	-17.9	5
	25419028		0.41047	-17.9	

Group Report For : CHLORDANE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
14.49	1005004	chlordane: A	0.41296	-17.4	0
14.91	6945119	chlordane: B	0.41235	-17.5	0
15.19	12936430	chlordane: C	0.41273	-17.5	0
16.64	2144909	chlordane: D	0.40380	-19.2	0
16.89	2387566	chlordane: E	0.39934	-20.1	0
	25419028		2.04118	-91.8	

7-17-08
SWB

Sample Name : ICM11QG

Sample #: 0.5

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15093.raw

Date : 07/17/2008 07:41:11

Method : 6890-6ins

Time of Injection: 07/16/2008 11:08:54

Start Time : 0.00 min

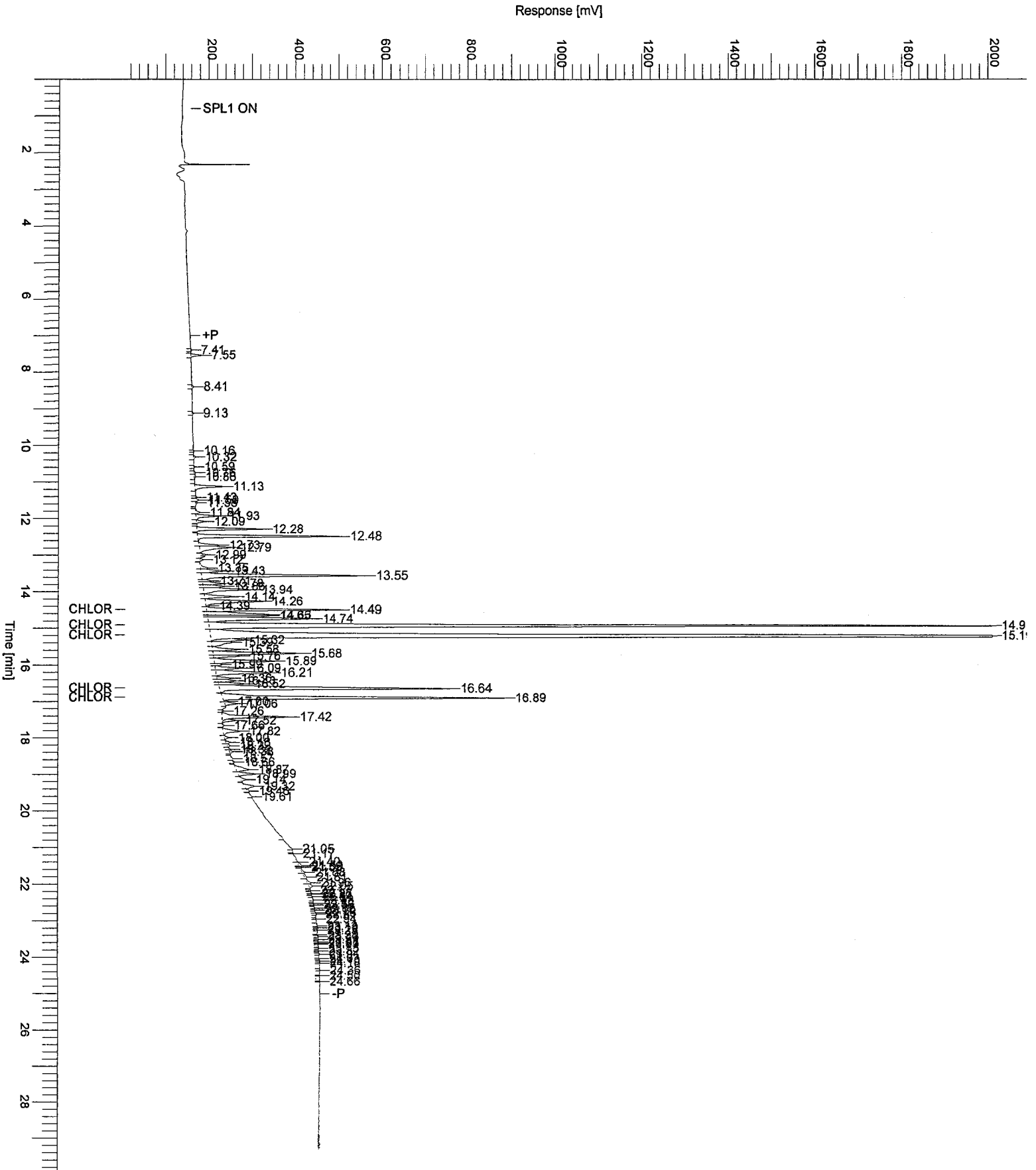
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

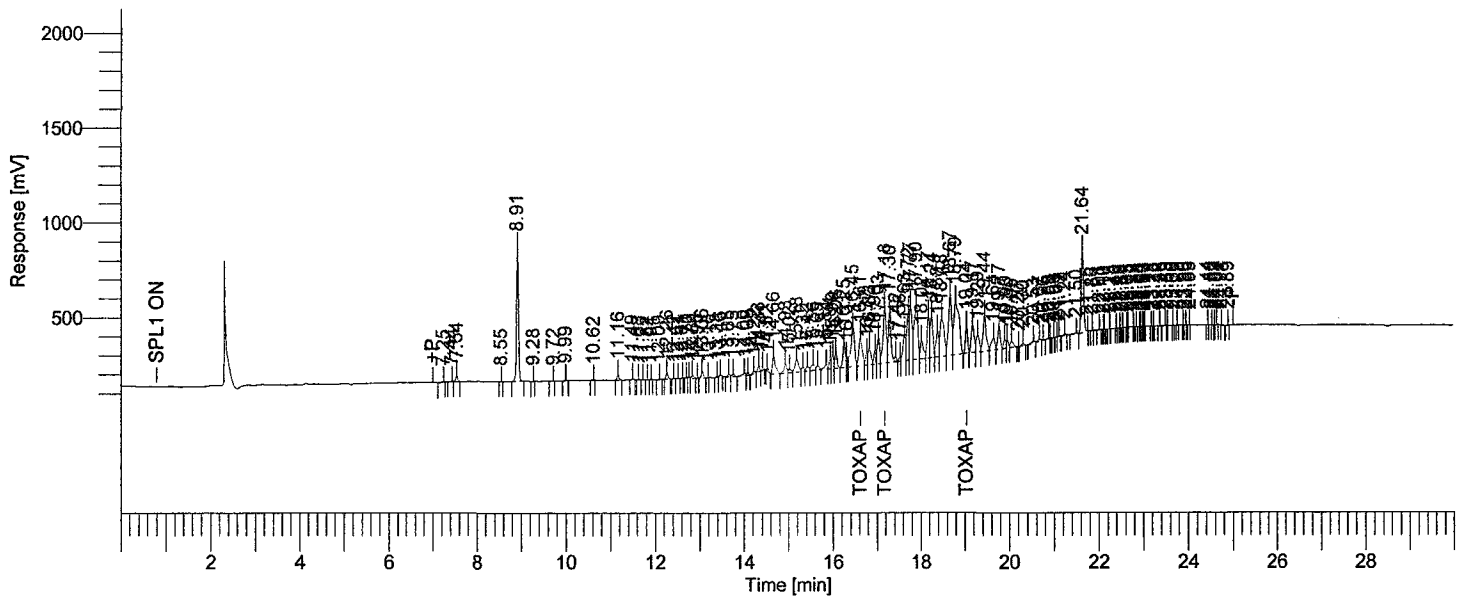
Plot Offset: 10.00 mV

Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/17/2008 07:41:13
 Operator : tchrom Sample Name : ICM14QG
 Sample Number : 0.5 Study :
 AutoSampler : BUILT-IN Rack/Vial : 1/94
 Instrument Name : HP6890-06 Channel : A
 Instrument Serial # : None A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.98 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/16/2008 11:41:59 Cycle : 5

Raw Data File : H:\TURBO6\6890-06\6a15094.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15094.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15094.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15094.rst
 Calib Method : h:\turbo6\6890-06\6a-toxaphene(03-24-08)3.mth from H:\TURBO6\6890-06\6a15094.rst
 Report Format File : h:\turbo6\6890-06\06pcb%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP6890-06 "A" RTXCLP I/"B"RTXCLP II

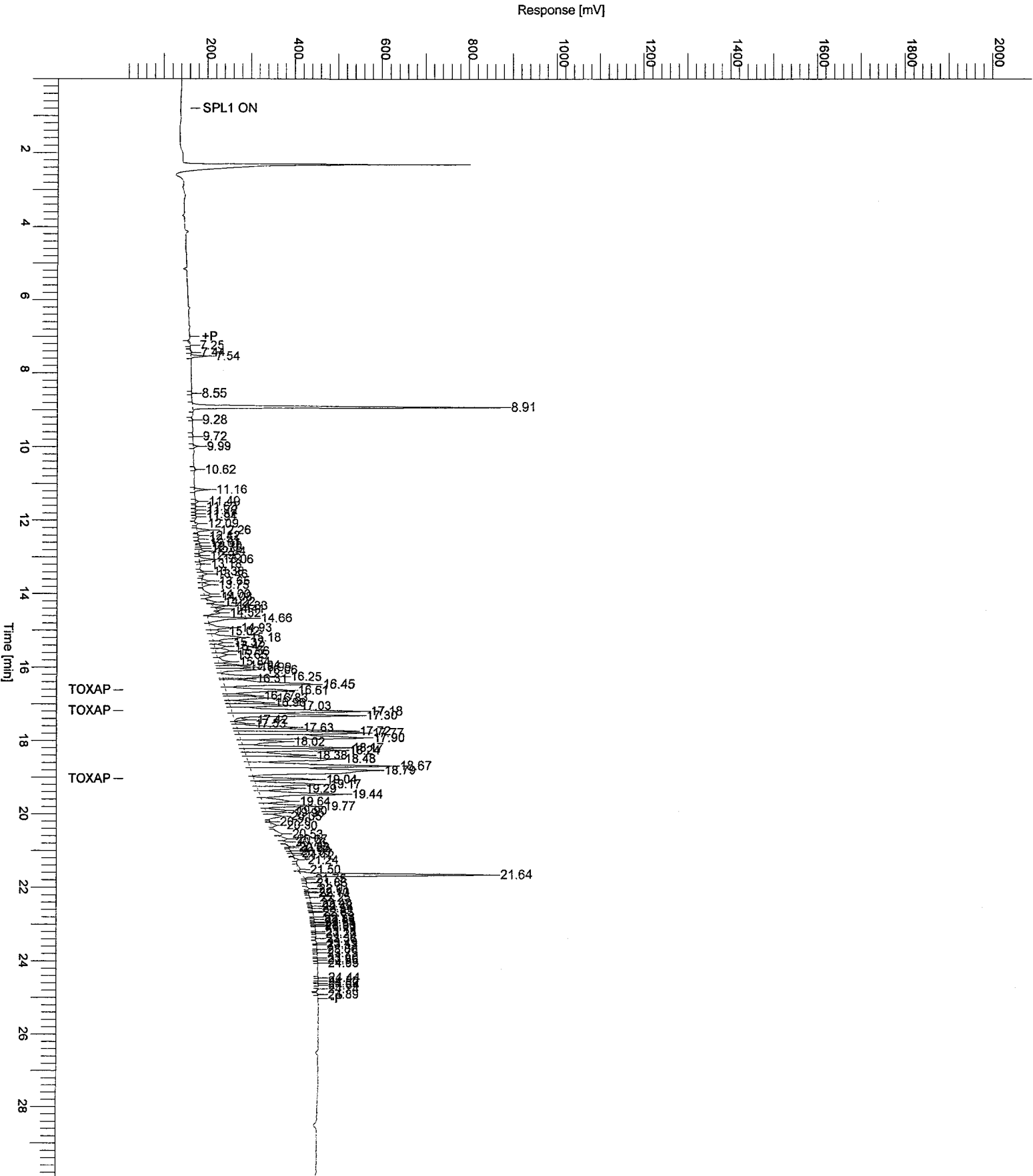
Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
17.18	2780444	TOXAPHENE	0.53420	6.8	3
	2780444		0.53420	6.8	

Group Report For : TOXAPHENE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
16.61	809994	Toxaphene-a	0.71899	43.8	0
17.18	1493236	Toxaphene-b	1.01507	103.0	0
19.04	477214	Toxaphene-c	0.20865	-58.3	0
	2780444		1.94270	88.5	

7-17-08
 JWB

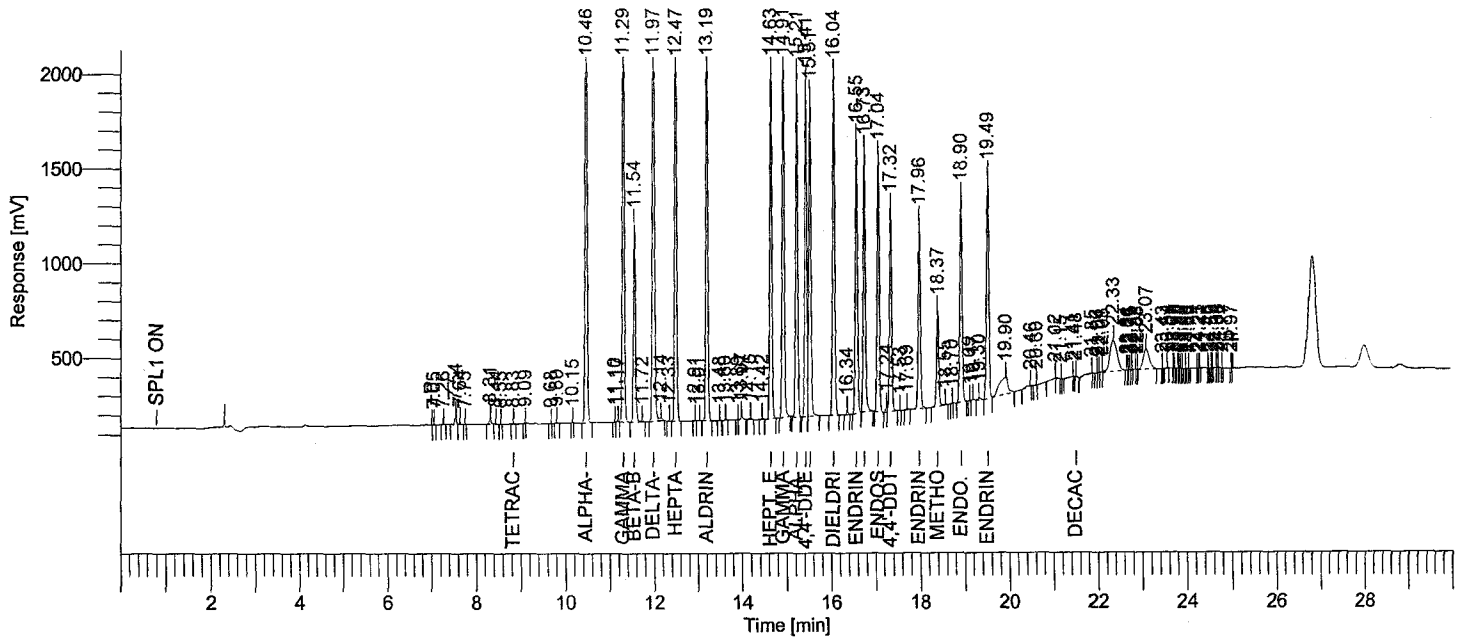
Sample Name : ICM14QG
Sample #: 0.5
Page 1 of 1
FileName : H:\TURBO6\6890-06\6a15094.raw
Date : 07/17/2008 07:41:14
Method : 6890-6ins
Time of Injection: 07/16/2008 11:41:59
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Offset: 10.00 mV
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76919
 Operator : tchom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 16:46:09

Date : 07/17/2008 07:25:36
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/3
 Channel : A
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 14

Raw Data File : H:\TURBO6\6890-06\6a15103.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15103.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15103.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15103.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15103.rst
 Report Format File: h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
8.83	BB	6206	Tetrachloro-m-xy	7.17e-04	2146.27	98.6	8.78 - 8.88
10.46	BB	9042365	alpha-BHC	0.04561	3.06e+06	-8.8	10.41 - 10.51
11.29	VB	7978045	gamma-BHC	0.04522	2.62e+06	-9.6	11.24 - 11.34
11.54	BE	3290682	beta-BHC	0.04666	1.04e+06	-6.7	11.49 - 11.59
11.97	BE	7745879	delta-BHC	0.04528	2.47e+06	-9.4	11.92 - 12.02
12.47	BB	7352086	Heptachlor	0.04412	2.42e+06	-11.8	12.42 - 12.52
13.19	BB	7091304	Aldrin	0.04468	2.31e+06	-10.6	13.14 - 13.24
14.63	BB	6120695	Hept. epoxide	0.04301	1.93e+06	-14.0	14.58 - 14.68
14.91	BB	6256872	gamma chlordane	0.04265	1.96e+06	-14.7	14.86 - 14.96
15.21	BB	5696439	alpha chlordane	0.04197	1.81e+06	-16.1	15.16 - 15.26
15.41	BV	5509407	4,4'-DDE	0.04039	1.77e+06	-19.2	15.36 - 15.46
15.51	VB	5599802	Endosulfan I	0.04268	1.69e+06	-14.6	15.46 - 15.56
16.04	BB	5818162	Dieldrin	0.04086	1.79e+06	-18.3	15.99 - 16.09
16.55	BB	4773899	Endrin	0.03771	1.45e+06	-24.6	16.50 - 16.60
16.73	BB	4576641	4,4'-DDD	0.03976	1.38e+06	-20.5	16.68 - 16.78
17.04	BB	4639607	Endosulfan II	0.04018	1.35e+06	-19.6	16.99 - 17.09
17.32	VV	3428055	4,4'-DDT	0.03606	1.07e+06	-27.9	17.27 - 17.37
17.96	VB	3471627	Endrin aldehyde	0.04112	988344.20	-17.8	17.91 - 18.01
18.37	BE	1656795	Methoxychlor	0.03602	504565.39	-28.0	18.32 - 18.42
18.90	BB	3781175	Endo. Sulfate	0.03795	1.08e+06	-24.1	18.85 - 18.95
19.49	BV	4293325	Endrin ketone	0.03838	1.18e+06	-23.2	19.44 - 19.54
21.48	BB	13120	Decachlorobiphen	1.56e-04	3834.35	99.7	21.43 - 21.53
		1e+08		0.83120	3.39e+07		

7-17-08
 JVB

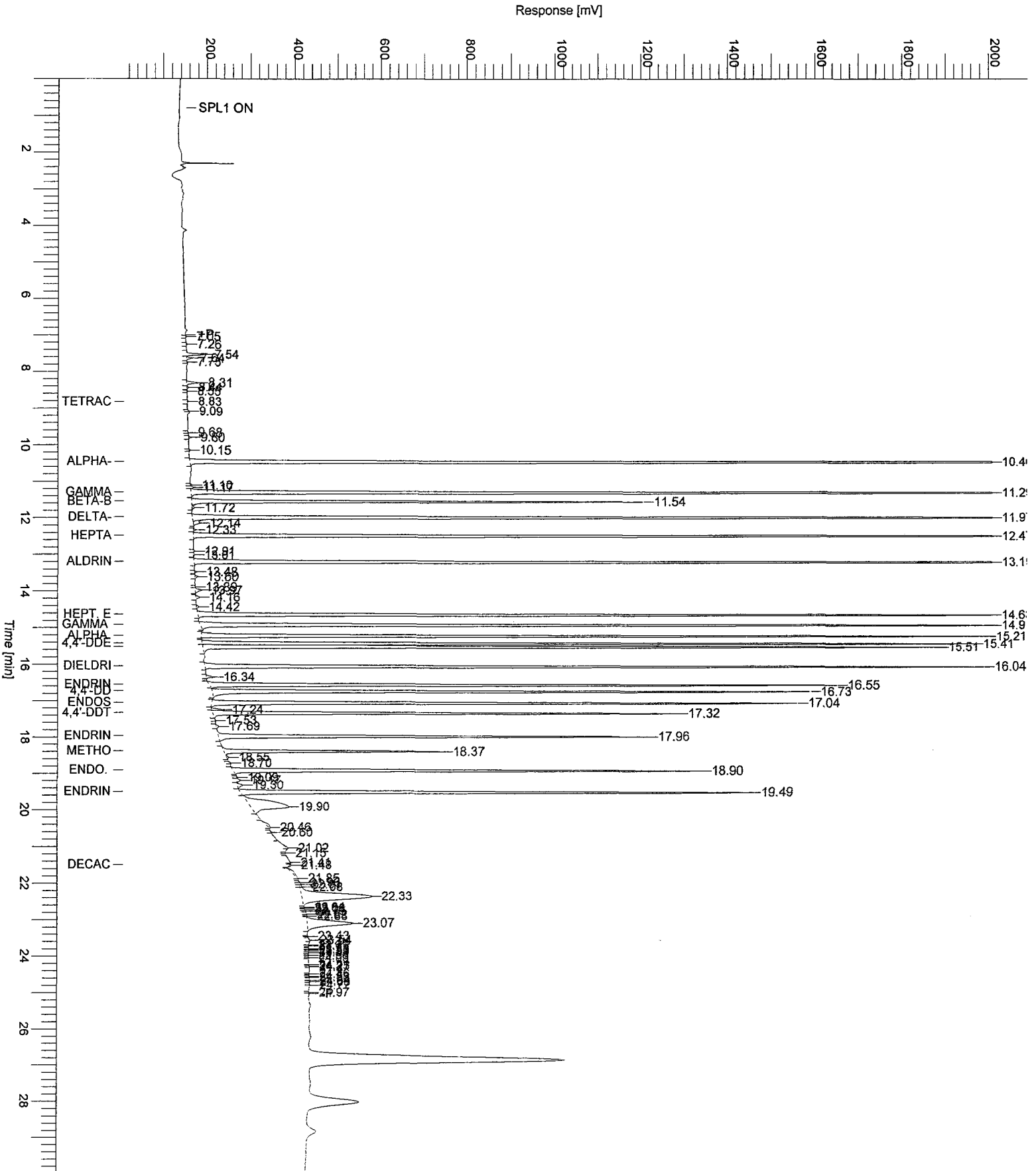
Sample Name : ICM25WU
File Name : H:\TURBO6\6890-06\6a15103.raw
Date : 07/17/2008 07:25:36

Sample #: 0.05

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Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

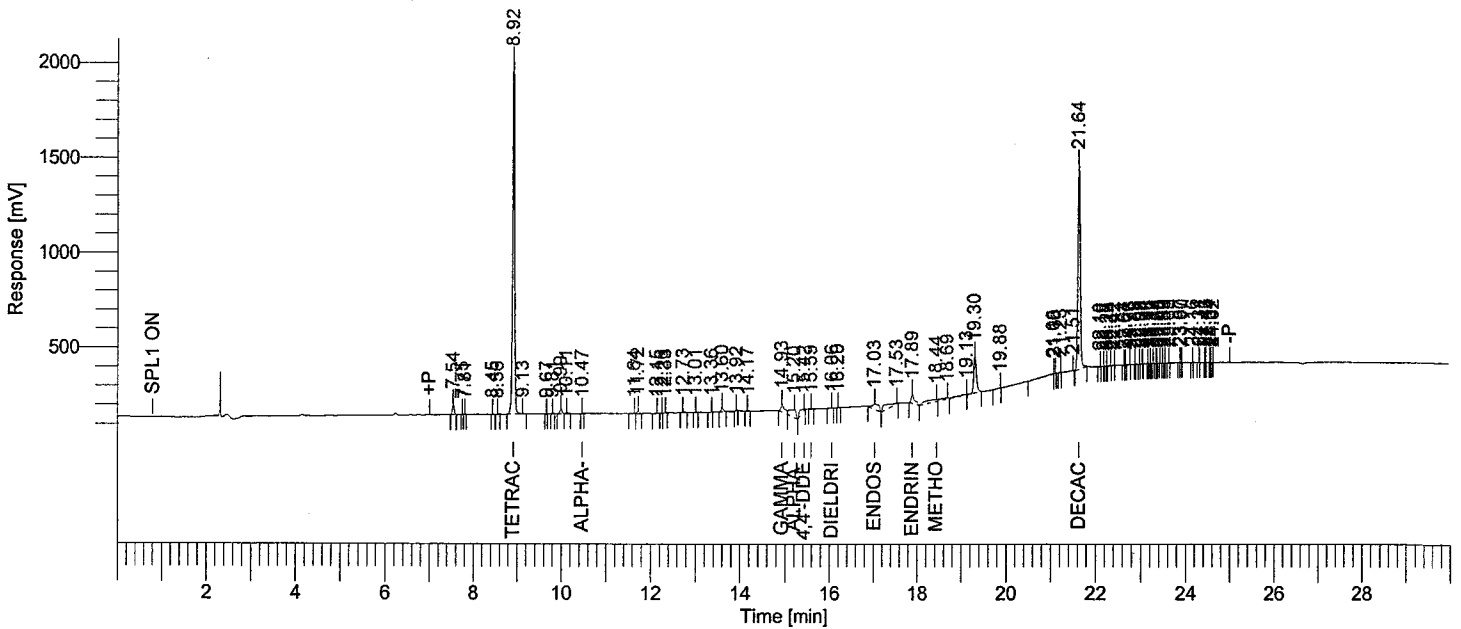
Time of Injection: 07/16/2008 16:46:09
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2010.00 mV
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76921
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 17:19:56

Date : 07/17/2008 07:25:40
 Sample Name : ICM3PP
 Study : CCV
 Rack/Vial : 1/4
 Channel : A
 A/D mV Range : 1000
 End Time : 29.96 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 15

Raw Data File : H:\TURBO6\6890-06\6a15104.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15104.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15104.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15104.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15104.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
8.92	BE	5881939	Tetrachloro-m-xy	0.04538	1.93e+06	-9.2	8.87 - 8.97	
10.47	BB	4792	alpha-BHC	4.76e-04	2126.12	-99.0	10.42 - 10.52	
14.93	BV	238005	gamma chlordane	0.00161	39971.37	-96.8	14.88 - 14.98	
15.20	VB	414891	alpha chlordane	0.00297	41937.94	-94.1	15.15 - 15.25	
15.42	BB	159433	4,4'-DDE	0.00216	6491.96	-95.7	15.37 - 15.47	
15.59	BB	6367	Endosulfan I	1.1e-03	1783.25	-102.2	15.54 - 15.64	
16.06	BB	3441	Dieldrin	1.54e-04	874.37	-99.7	16.01 - 16.11	
17.03	BB	329921	Endosulfan II	0.00217	30454.81	-95.7	16.98 - 17.08	
17.89	BB	251923	Endrin aldehyde	0.00108	46916.09	-97.8	17.84 - 17.94	
18.44	BV	300605	Methoxychlor	0.00889	10573.97	-82.2	18.39 - 18.49	
21.64	BB	4079821	Decachlorobiphen	0.03910	1.08e+06	-21.8	21.59 - 21.69	
		11671138		0.10287	3.18e+06			

7-17-08
 JVB

Missing Component Report

Component	Expected Retention (Calibration File)
gamma-BHC	11.290
beta-BHC	11.542
delta-BHC	11.973
Heptachlor	12.474
Aldrin	13.190

Sample Name : ICM3PP

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15104.raw

Date : 07/17/2008 07:25:41

Method : 6890-6ins

Time of Injection: 07/16/2008 17:19:56

Start Time : 0.00 min

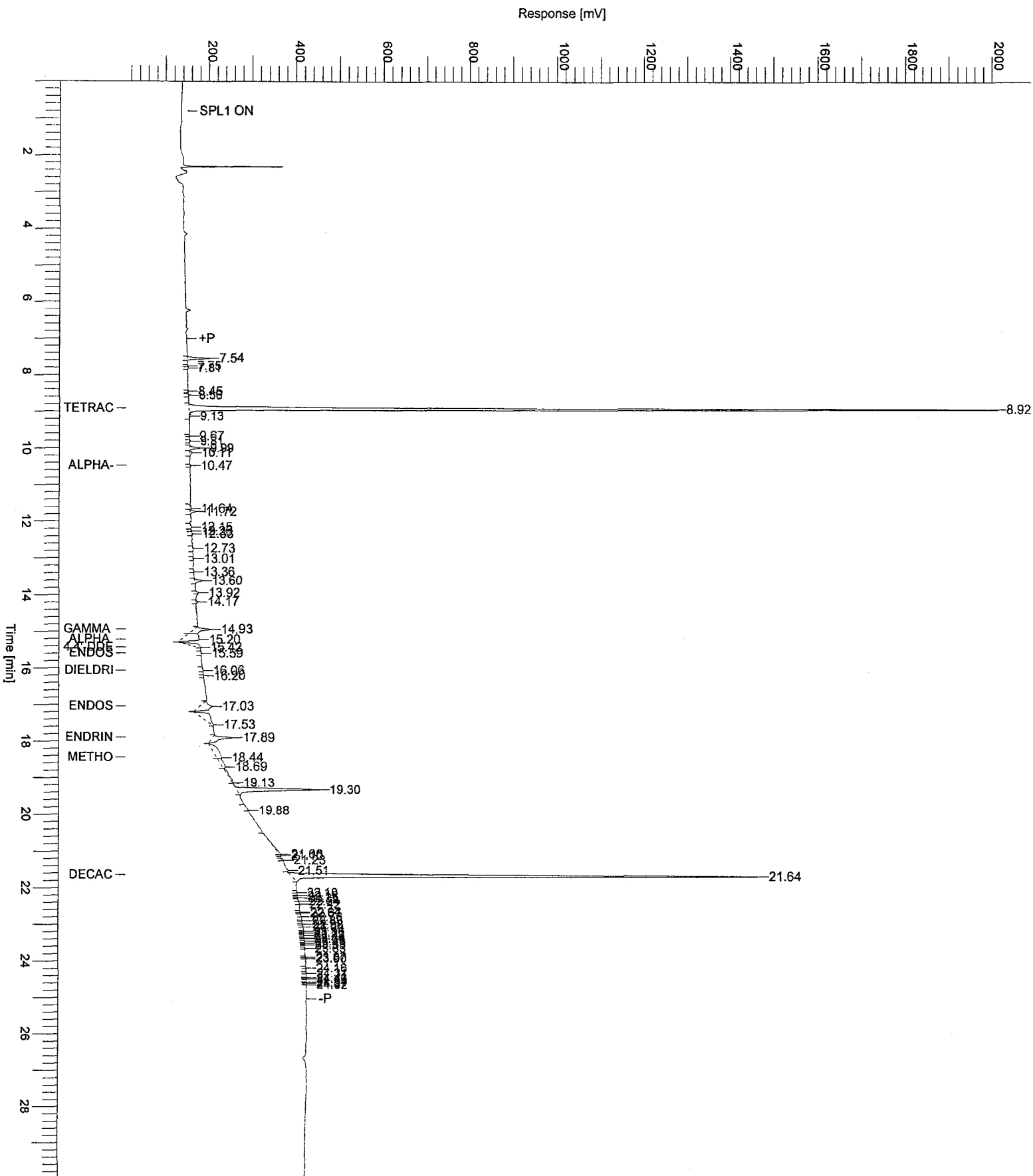
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

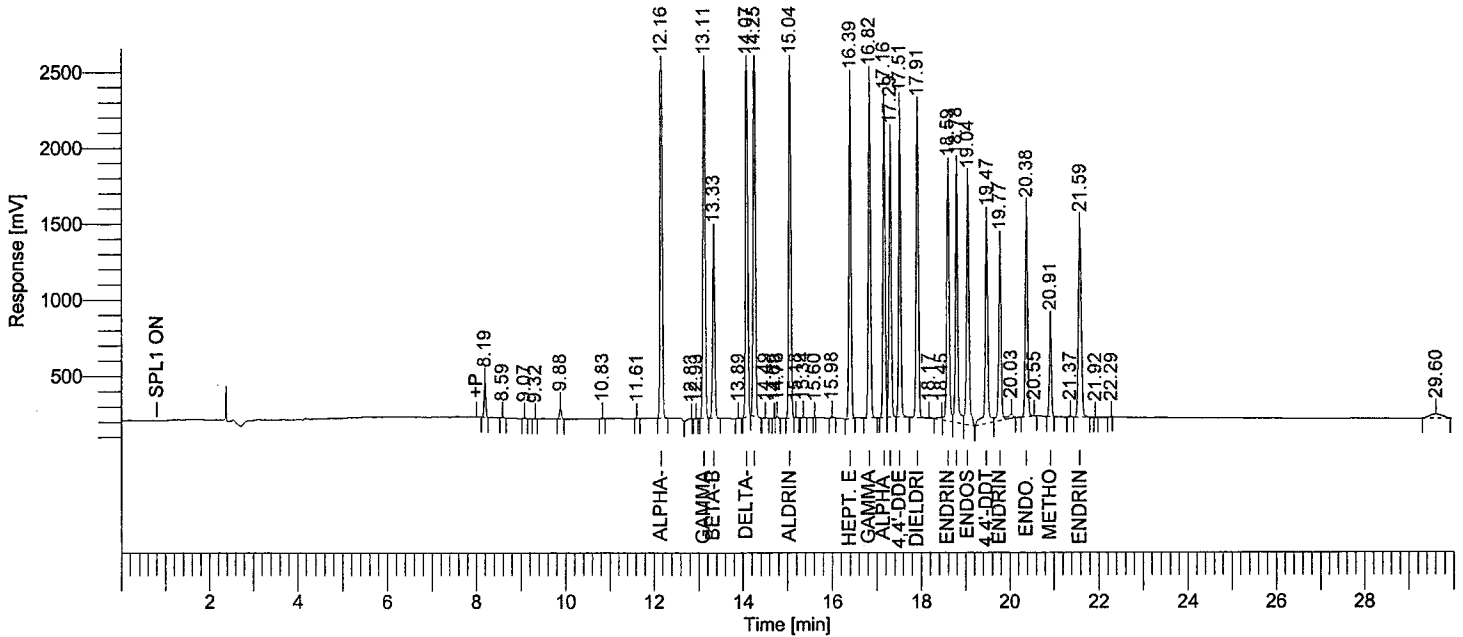
Plot Scale: 2000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76596
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 14:30:44

Date : 07/11/2008 06:46:38
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/33
 Channel : B
 A/D mV Range : 1000
 End Time : 29.95 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6b15033.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15033.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15033.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15033.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15033.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
12.16	BB	10687446	alpha-BHC	0.05237	3.49e+06	4.7	12.11 - 12.21
13.11	BB	9130916	gamma-BHC	0.05159	2.89e+06	3.2	13.06 - 13.16
13.33	BB	3812881	beta-BHC	0.05329	1.18e+06	6.6	13.28 - 13.38
14.07	BB	8890082	delta-BHC	0.05191	2.78e+06	3.8	14.02 - 14.12
14.25	BB	9153019	Heptachlor	0.05432	2.86e+06	8.6	14.20 - 14.30
15.04	BV	8229799	Aldrin	0.05285	2.54e+06	5.7	14.99 - 15.09
16.39	BB	7374374	Hept. epoxide	0.05460	2.19e+06	9.2	16.34 - 16.44
16.82	BB	7386362	gamma chlordane	0.05436	2.21e+06	8.7	16.77 - 16.87
17.16	BV	6900367	alpha chlordane	0.05454	2.05e+06	9.1	17.11 - 17.21
17.29	VB	6259368	Endosulfan I	0.05272	1.82e+06	5.4	17.24 - 17.34
17.51	BB	6604585	4,4'-DDE	0.05457	2.03e+06	9.1	17.46 - 17.56
17.91	BE	6962444	Dieldrin	0.05442	2.01e+06	8.8	17.86 - 17.96
18.59	VV	6088017	Endrin	0.05732	1.63e+06	14.6	18.54 - 18.64
18.78	VV	6127386	4,4'-DDD	0.06075	1.65e+06	21.5	18.73 - 18.83
19.04	VB	6173486	Endosulfan II	0.06141	1.58e+06	22.8	18.99 - 19.09
19.47	BV	5166213	4,4'-DDT	0.06336	1.32e+06	26.7	19.42 - 19.52
19.77	VE	4394388	Endrin aldehyde	0.05901	1.14e+06	18.0	19.72 - 19.82
20.38	BE	4824013	Endo. Sulfate	0.05336	1.33e+06	6.7	20.33 - 20.43
20.91	BB	2007217	Methoxychlor	0.05231	592771.62	4.6	20.86 - 20.96
21.59	VB	5160002	Endrin ketone	0.05471	1.24e+06	9.4	21.54 - 21.64
				1e+08	1.10378	3.85e+07	

Sample Name : ICM25WU

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15033.raw

Date : 07/11/2008 06:46:39

Time of Injection: 07/10/2008 14:30:44

Method : 6890-6ins

Start Time : 0.00 min

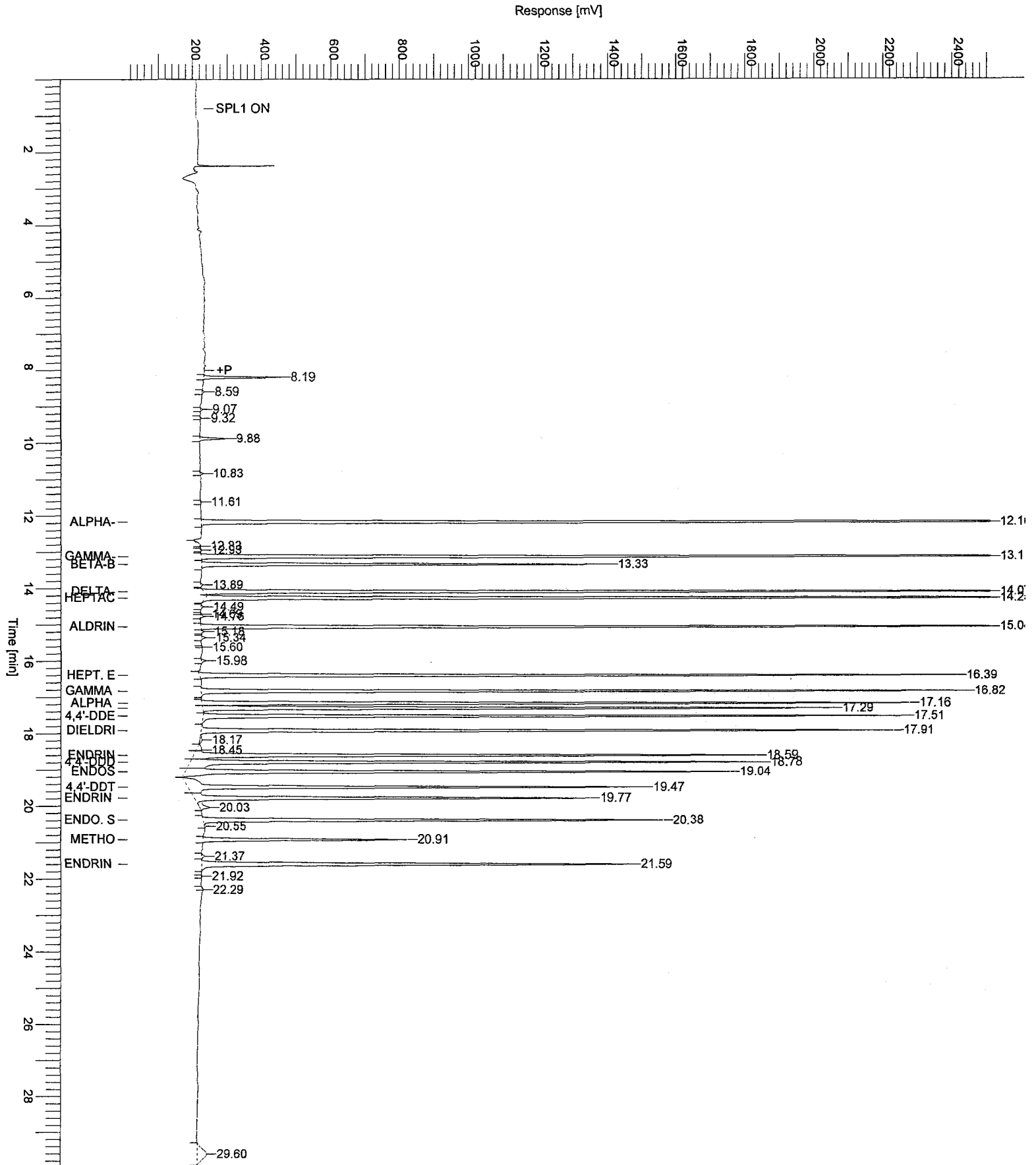
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

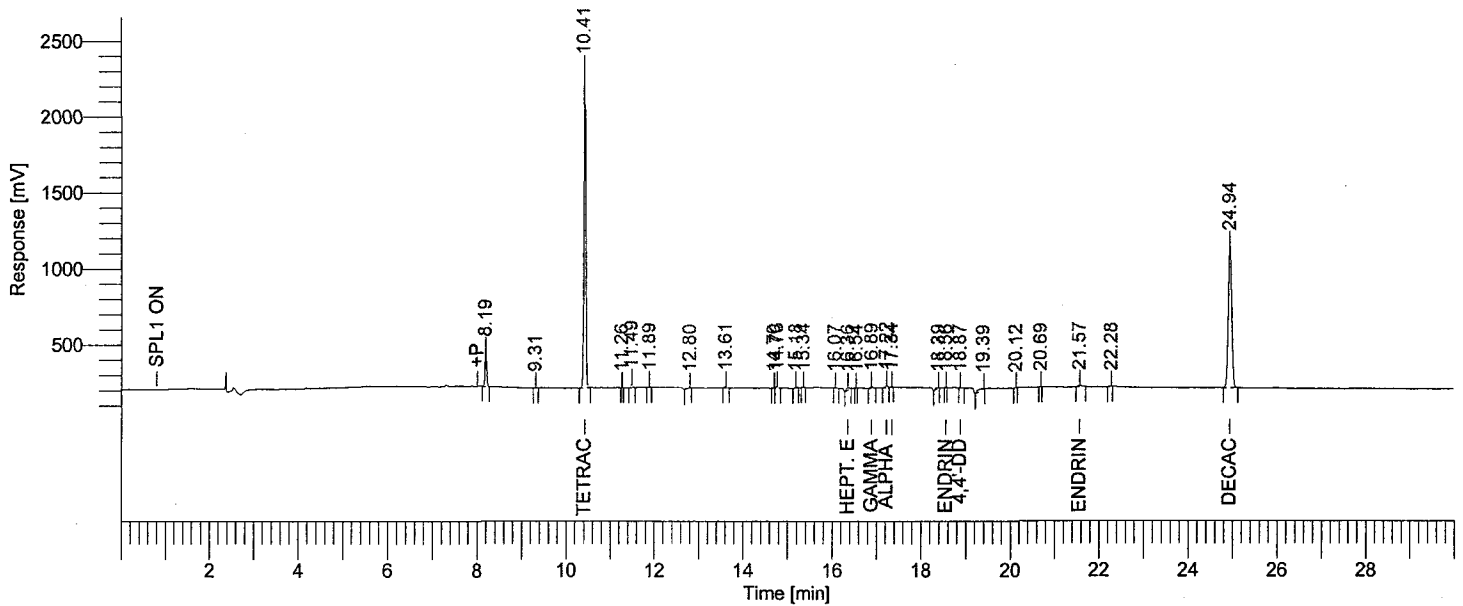
Plot Offset: 10.00 mV

Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/11/2008 06:46:46
 Reprocess Number : buf1938: 76598
 Operator : tchrom Sample Name : ICM3PP
 Sample Number : 0.05 Study : CCV
 AutoSampler : BUILT-IN Rack/Vial : 1/34
 Instrument Name : HP6890-06 Channel : B
 Instrument Serial # : CN10520010 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.97 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 3000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/10/2008 15:04:31 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6b15034.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15034.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15034.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15034.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15034.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
10.41	BB	6388141	Tetrachloro-m-xy	0.05002	2.09e+06	0.0	10.36 - 10.46
16.36	BB	74171	Hept. epoxide	0.00133	12448.73	-97.3	16.31 - 16.41
16.89	BB	38370	gamma chlordane	0.00145	9603.65	-97.1	16.84 - 16.94
17.22	BV	48690	alpha chlordane	0.00143	11725.58	-97.1	17.17 - 17.27
17.34	VB	9688	Endosulfan I	5.71e-04	2387.09	-98.9	17.29 - 17.39
18.87	BB	13627	4,4'-DDD	7.63e-04	3260.71	-98.5	18.82 - 18.92
21.57	BB	52667	Endrin ketone	0.00195	8668.22	-96.4	21.52 - 21.62
24.94	BB	5059099	Decachlorobiphen	0.05172	929733.84	3.4	24.89 - 24.99
		11684452		0.10923	3.07e+06		

7-11-08
 JYB

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	12.184
gamma-BHC	13.135
beta-BHC	13.351
delta-BHC	14.097
Heptachlor	14.270
Aldrin	15.067
4,4'-DDE	17.531
Dieldrin	17.932
Endosulfan II	19.070
4,4'-DDT	19.494
Endrin aldehyde	19.800
Endo. Sulfate	20.403
Methoxychlor	20.938

Sample Name : ICM3PP

Sample # : 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15034.raw

Date : 07/11/2008 06:46:46

Method : 6890-6ins

Time of Injection : 07/10/2008 15:04:31

Start Time : 0.00 min

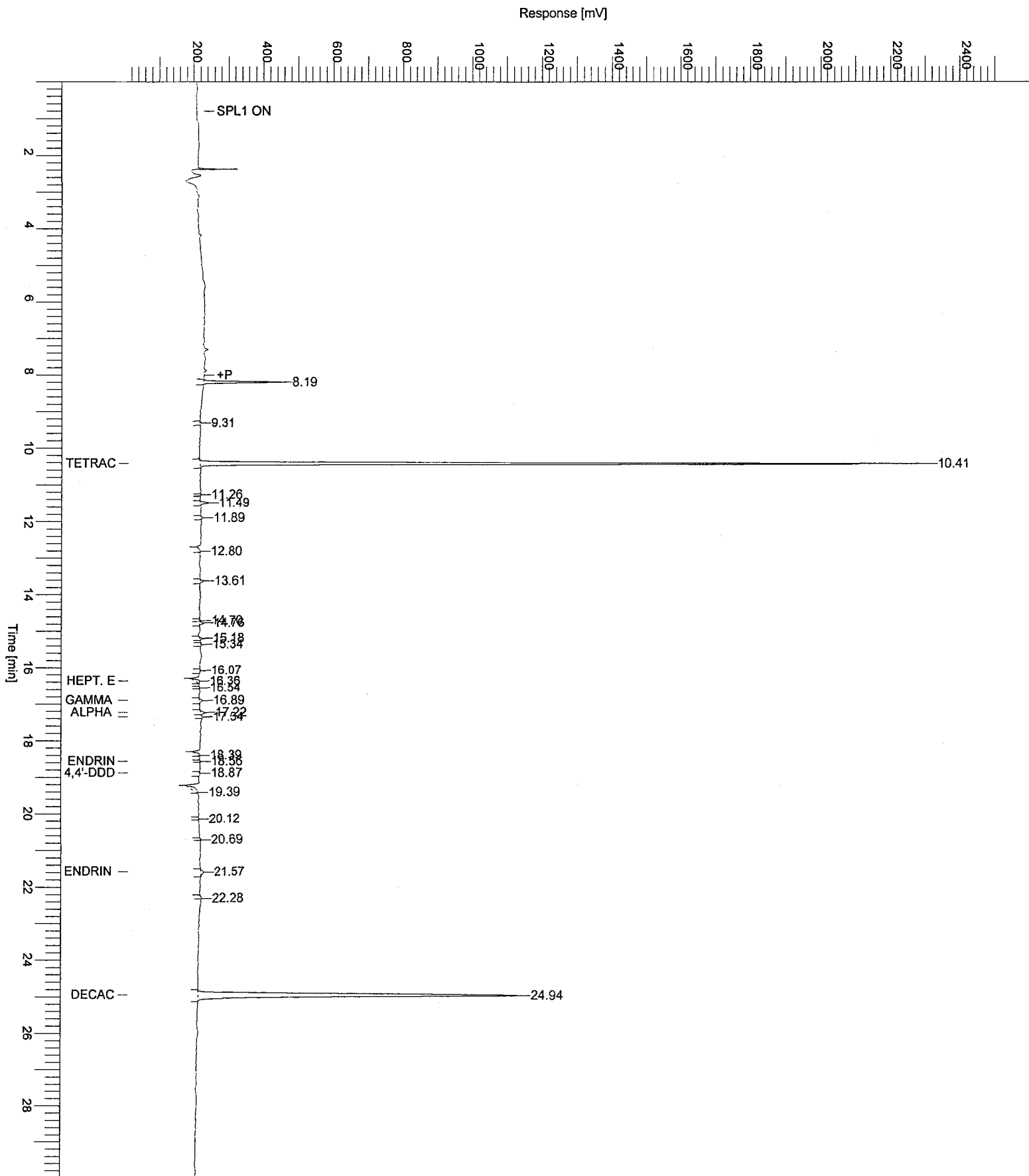
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset : 10.00 mV

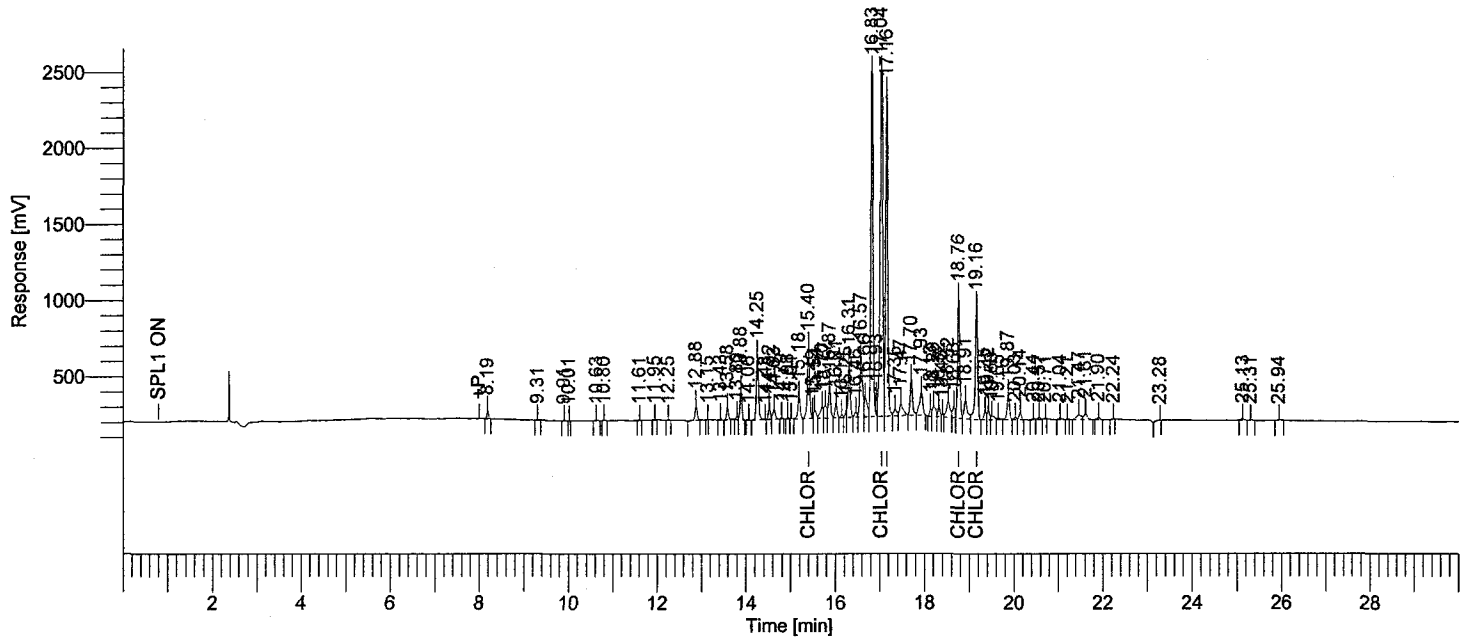
Plot Scale : 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76629
 Operator : tchrom
 Sample Number : 0.5
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 15:38:21

Date : 07/11/2008 09:03:20
 Sample Name : ICM11QG
 Study : CCV
 Rack/Vial : 1/35
 Channel : B
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6b15035.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15035.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15035.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15035.rst
 Calib Method : h:\turbo6\6890-06\6b-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6b15035.rst
 Report Format File : h:\turbo6\6890-06\06pcb%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP6890-06 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
17.04	25127555	CHLORDANE	0.51572	3.1	5
	25127555		0.51572	3.1	

Group Report For : CHLORDANE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
15.40	1744684	chlordane: A	0.50587	1.2	0
17.04	10428039	chlordane: B	0.51484	3.0	0
17.16	7290649	chlordane: C	0.51929	3.9	0
18.76	2860806	chlordane: D	0.53126	6.3	0
19.16	2803377	chlordane: E	0.50144	0.3	0
	25127555		2.57270	14.5	

7-11-08
 JWB

Sample Name : ICM11QG

Sample #: 0.5

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15035.raw

Date : 07/11/2008 09:03:23

Time of Injection: 07/10/2008 15:38:21

Method : 6890-6ins

Start Time : 0.00 min

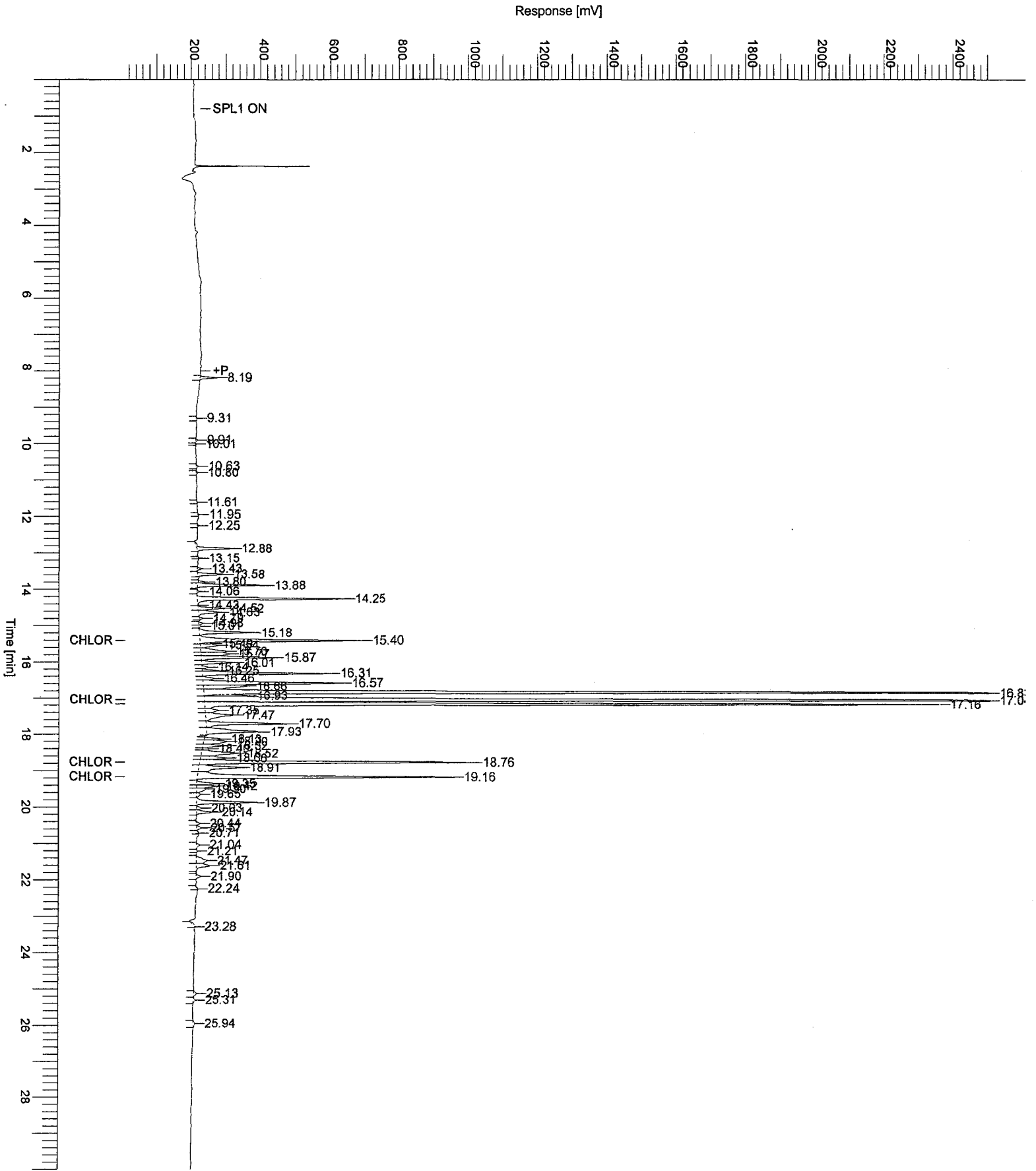
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

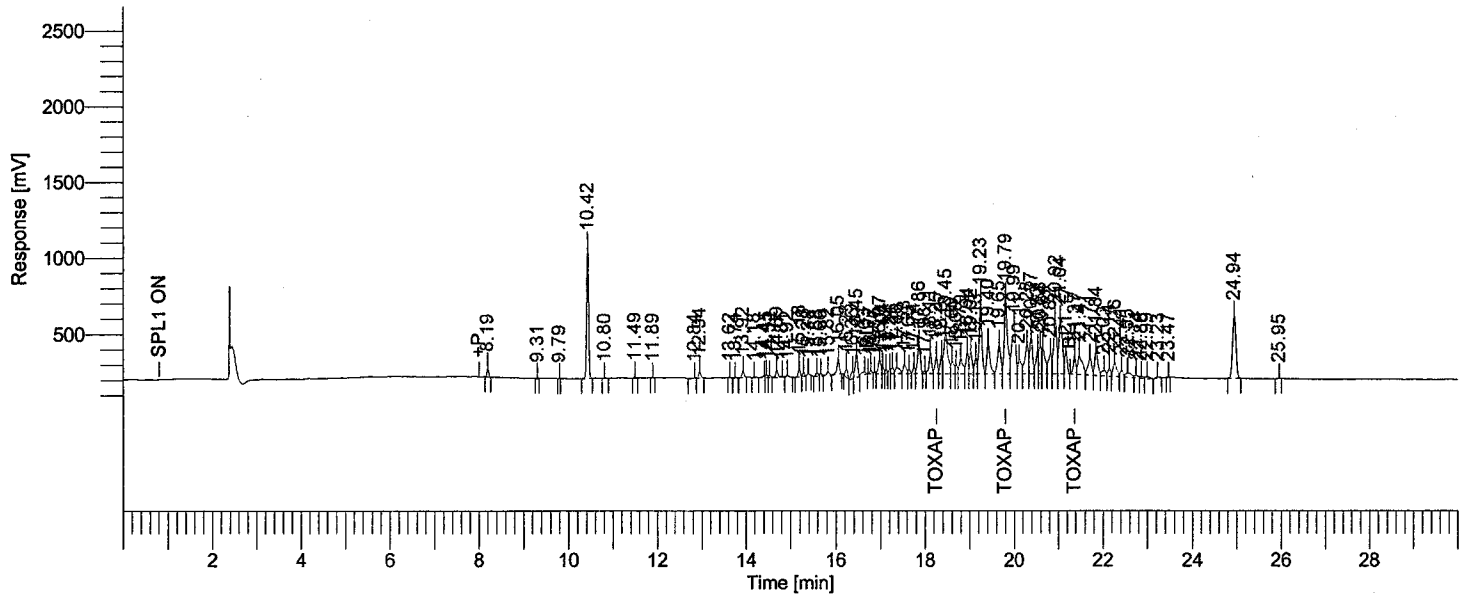
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Operator : tchrom
 Sample Number : 0.5
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 16:12:11

Date : 07/11/2008 09:30:31
 Sample Name : ICM14QG
 Study : CCV
 Rack/Vial : 1/36
 Channel : B
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6b15036.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15036.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15036.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15036.rst
 Calib Method : h:\turbo6\6890-06\6b-toxaphene(03-24-08)3.mth from H:\TURBO6\6890-06\6b15036.rst
 Report Format File: h:\turbo6\6890-06\06pcb%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP6890-06 "A" RTXCLP I/"B" RTXCLP II

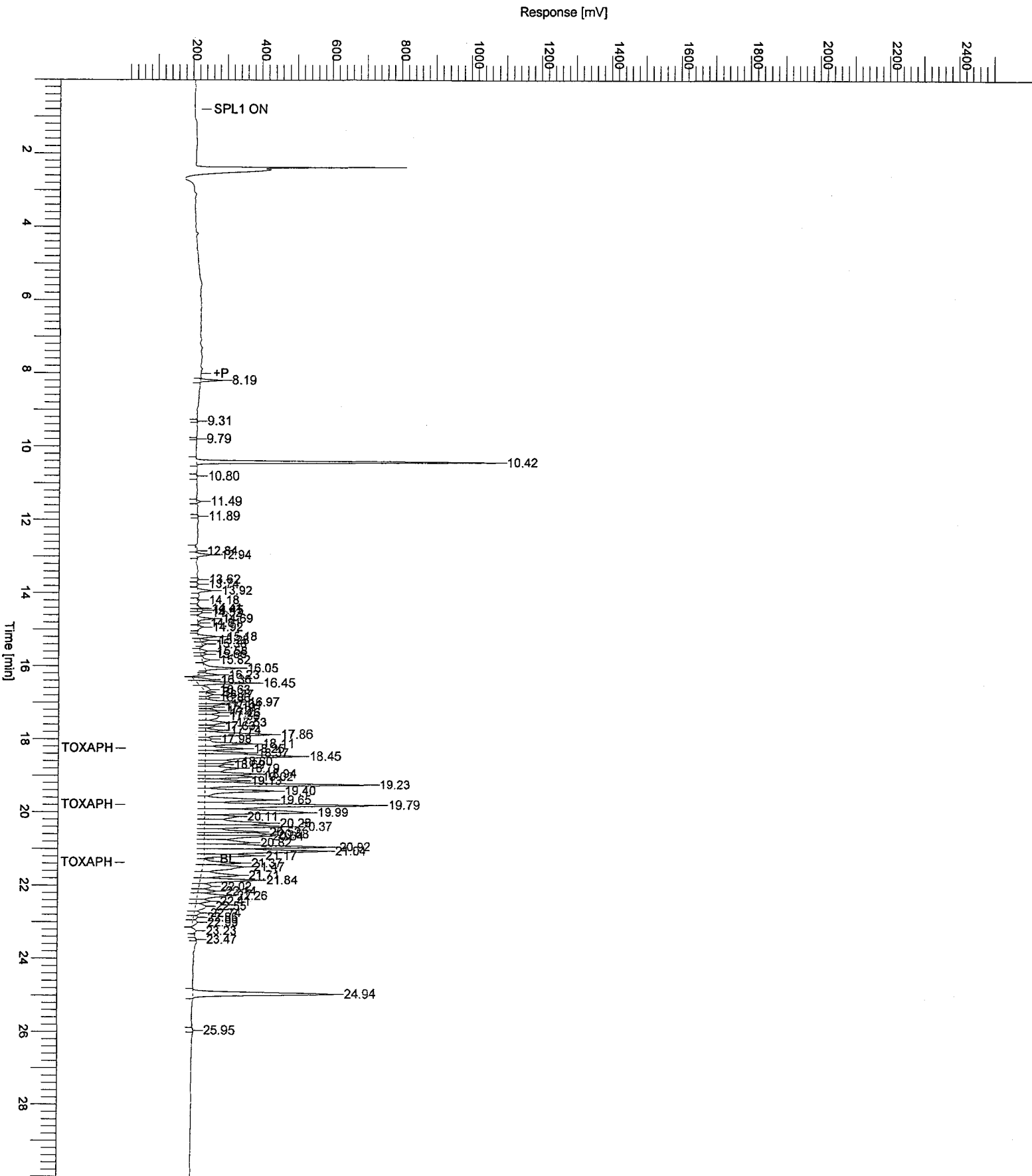
Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
19.79	3501360	TOXAPHENE	0.51782	3.6	3
	3501360		0.51782	3.6	

Handwritten: 7-11-08 JEB

Group Report For : TOXAPHENE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
18.25	455008	Toxaphene-a	0.37587	-24.8	0
19.79	2565341	Toxaphene-b	0.77488	55.0	0
21.37	481010	Toxaphene-c	0.24633	-50.7	0
	3501360		1.39707	-20.6	

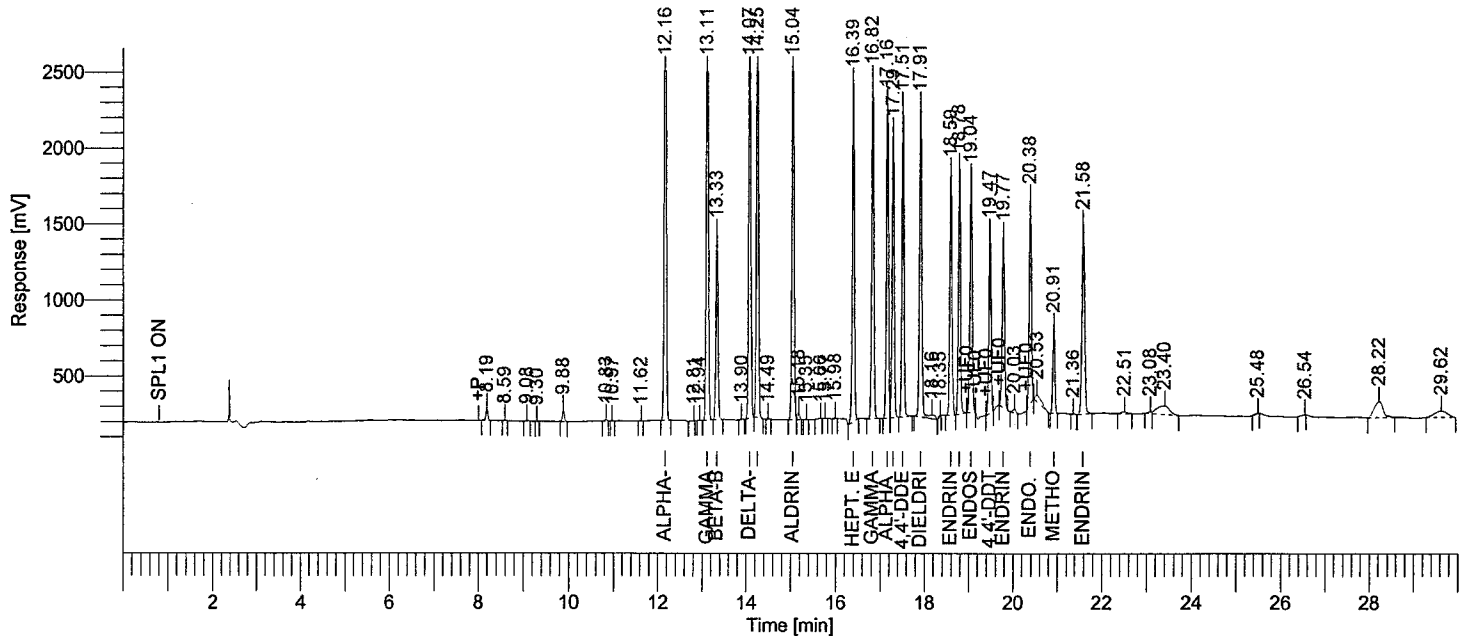
Sample Name : ICM14QG Sample #: 0.5 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b15036.raw
Date : 07/11/2008 09:30:34 Time of Injection: 07/10/2008 16:12:11
Method : 6890-6ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2510.00 mV
Plot Offset: 10.00 mV Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 21:16:12

Date : 07/11/2008 09:34:14
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/45
 Channel : B
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6b15045.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15045.rst [Editing in Progress]
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15045.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15045.rst [Editing in Progress]
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15045.rst [Editing in Progress]
 Report Format File: h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
12.16	BB	11081418	alpha-BHC	0.05424	3.62e+06	8.5	12.11 - 12.21	
13.11	BB	9687878	gamma-BHC	0.05467	3.07e+06	9.3	13.06 - 13.16	
13.33	BB	3947385	beta-BHC	0.05519	1.22e+06	10.4	13.28 - 13.38	
14.07	BB	9081241	delta-BHC	0.05299	2.81e+06	6.0	14.02 - 14.12	
14.25	BB	9276297	Heptachlor	0.05504	2.92e+06	10.1	14.20 - 14.30	
15.04	BV	8502185	Aldrin	0.05455	2.63e+06	9.1	14.99 - 15.09	
16.39	BB	7626587	Hept. epoxide	0.05644	2.23e+06	12.9	16.34 - 16.44	
16.82	BB	7455063	gamma chlordane	0.05486	2.23e+06	9.7	16.77 - 16.87	
17.16	BV	6940698	alpha chlordane	0.05485	2.07e+06	9.7	17.11 - 17.21	
17.29	VB	6471971	Endosulfan I	0.05450	1.88e+06	9.0	17.24 - 17.34	
17.51	BB	6627038	4,4'-DDE	0.05475	2.04e+06	9.5	17.46 - 17.56	
17.91	BE	7117571	Dieldrin	0.05559	2.04e+06	11.2	17.86 - 17.96	
18.59	BB	5661651	Endrin	0.05340	1.59e+06	6.8	18.54 - 18.64	
18.78	BB	5470925	4,4'-DDD	0.05431	1.62e+06	8.6	18.73 - 18.83	
19.04	MM	5512445	Endosulfan II	0.05486	1.54e+06	9.7	18.99 - 19.09	
19.47	MM	3860861	4,4'-DDT	0.04863	1.18e+06	-2.7	19.42 - 19.52	
19.77	MM	4117280	Endrin aldehyde	0.05530	1.12e+06	10.6	19.72 - 19.82	
20.38	MM	4779879	Endo. Sulfate	0.05288	1.35e+06	5.8	20.33 - 20.43	
20.91	BB	1896377	Methoxychlor	0.04966	561661.07	-0.7	20.86 - 20.96	
21.58	BB	5155456	Endrin ketone	0.05466	1.24e+06	9.3	21.53 - 21.63	
		1e+08		1.08138	3.90e+07			

7-11-08
 JVB

Sample Name : ICM25WU

Sample #: 0.05

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FileName : H:\TURBO6\6890-06\6b15045.raw

Date : 07/11/2008 09:34:20

Method :

Time of Injection: 07/10/2008 21:16:12

Start Time : 0.00 min

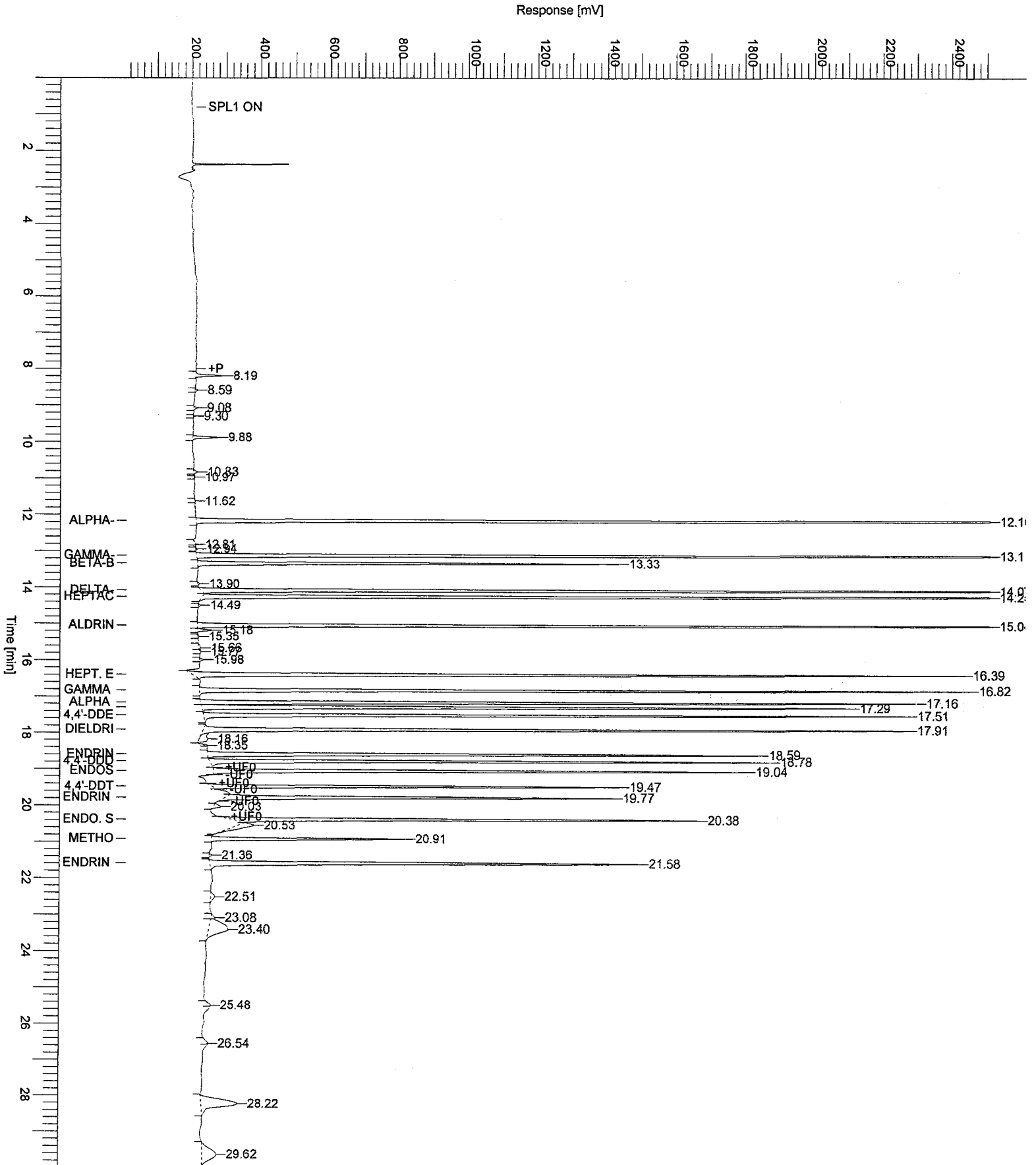
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

Plot Scale: 2500.0 mV

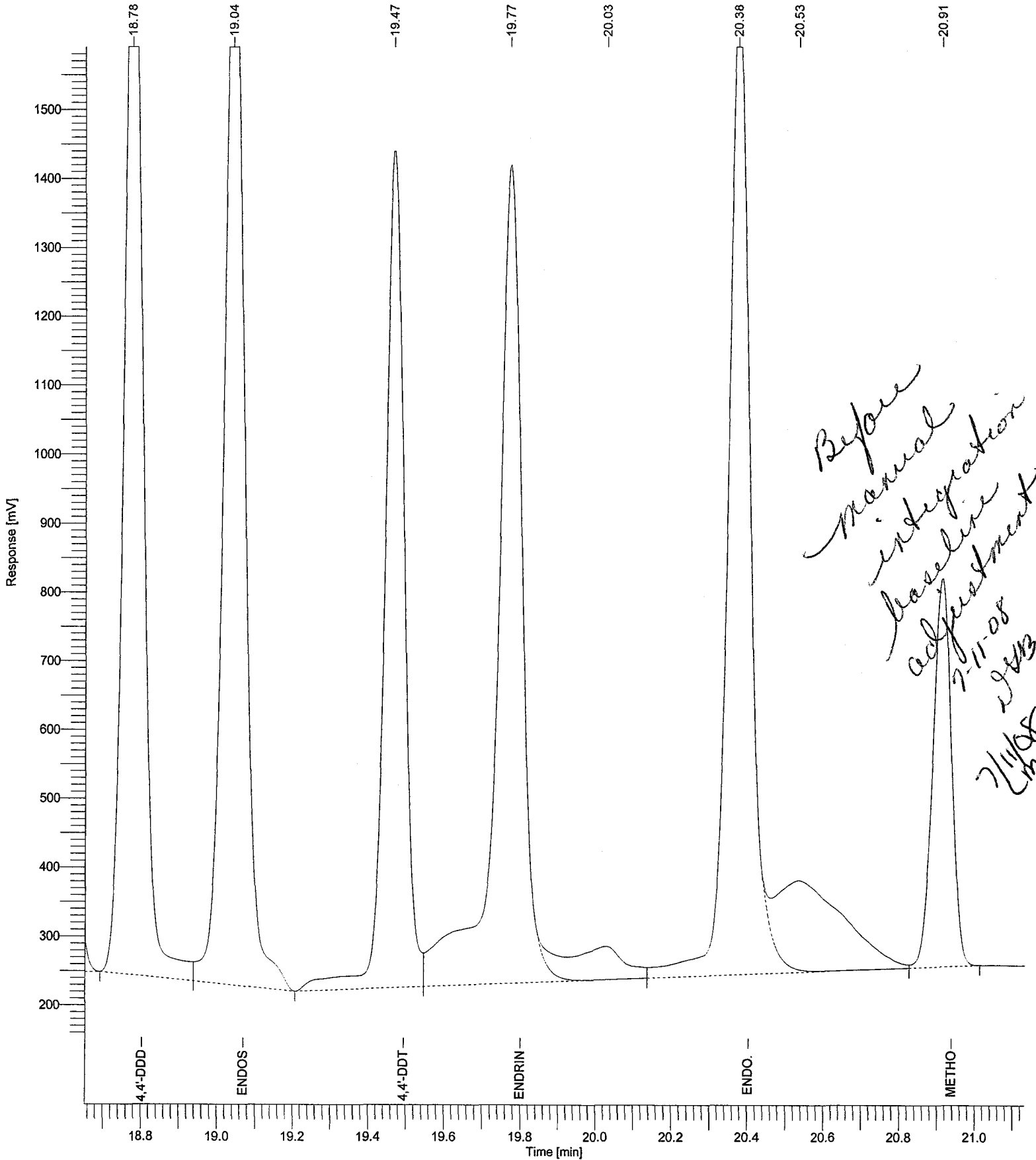


Sample Name : ICM25WU
FileName : H:\TURBO6\6890-06\6b15045.raw
Date : 07/11/2008 09:33:49
Method :
Start Time : 18.65 min
Plot Offset: 152.66 mV

Sample #: 0.05

Page 1 of 1

Time of Injection: 07/10/2008 21:16:12
End Time : 21.13 min
Low Point : 152.66 mV
High Point : 1589.89 mV
Plot Scale: 1437.2 mV

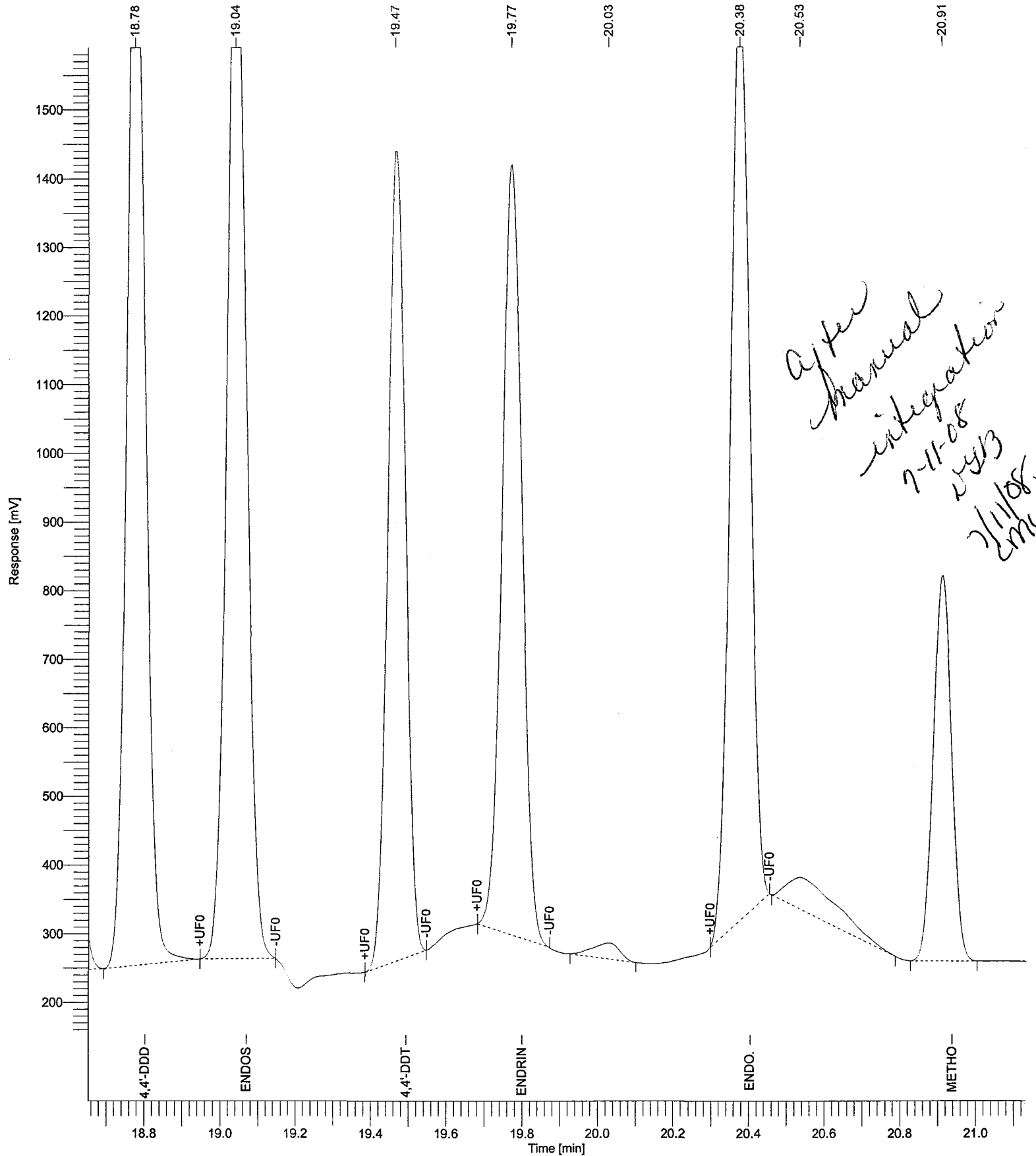


Sample Name : ICM25WU
FileName : H:\TURBO6\6890-06\6b15045.raw
Date : 07/11/2008 09:34:22

Sample #: 0.05

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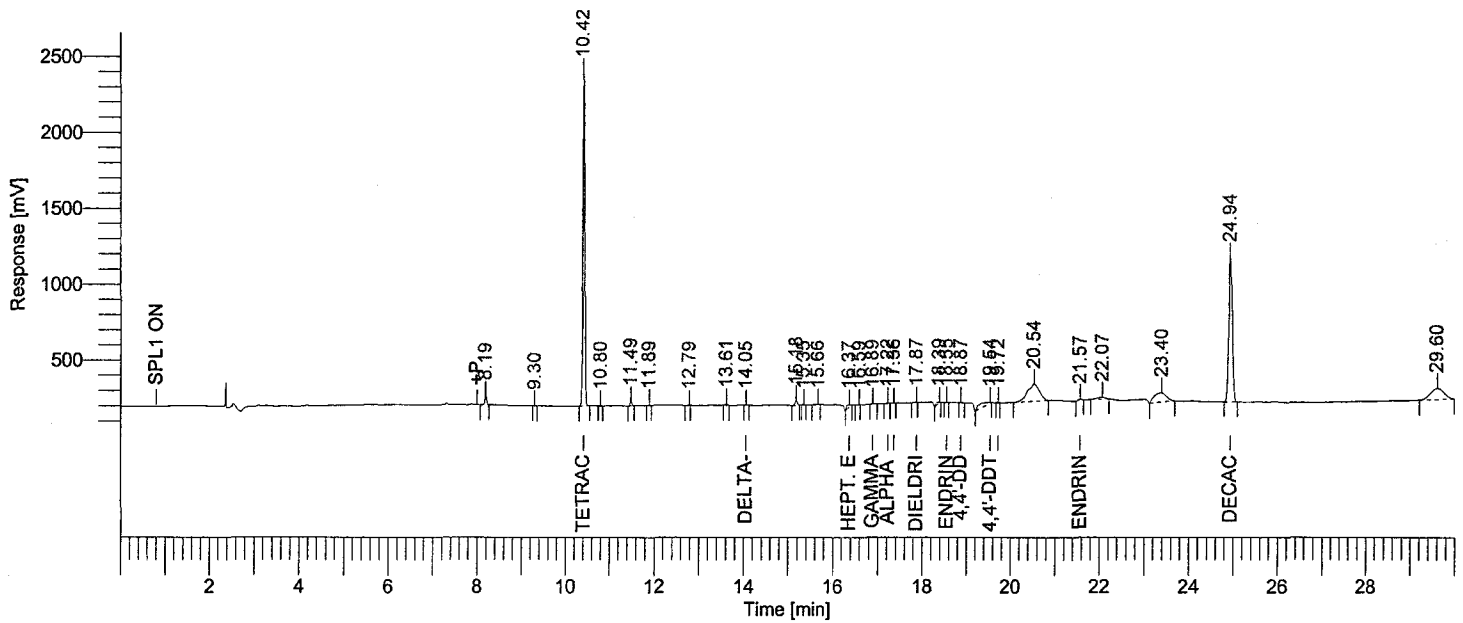
Method :
Start Time : 18.65 min End Time : 21.13 min Time of Injection: 07/10/2008 21:16:12
Plot Offset: 152.66 mV Plot Scale: 1437.2 mV Low Point : 152.66 mV High Point : 1589.89 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76624
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 21:50:21

Date : 07/11/2008 07:14:36
 Sample Name : ICM3PP
 Study : CCV
 Rack/Vial : 1/46
 Channel : B
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6b15046.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15046.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15046.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15046.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15046.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
10.42	BB	6725955	Tetrachloro-m-xy	0.05262	2.19e+06	5.2	10.37 - 10.47	
14.05	BB	9459	delta-BHC	0.00475	2607.00	-96.5	14.00 - 14.10	
16.37	BB	116039	Hept. epoxide	0.00164	14899.73	-96.7	16.32 - 16.42	
16.89	BB	25235	gamma chlordane	0.00136	5956.00	-97.3	16.84 - 16.94	
17.22	BB	22715	alpha chlordane	0.00123	6357.82	-97.5	17.17 - 17.27	
17.36	BB	13817	Endosulfan I	6.05e-04	2320.81	-98.8	17.31 - 17.41	
17.87	BB	7689	Dieldrin	0.00165	797.41	-96.7	17.82 - 17.92	
18.55	BB	6707	Endrin	0.00144	1917.45	-97.1	18.50 - 18.60	
18.87	BB	13600	4,4'-DDD	7.63e-04	3465.30	-98.5	18.82 - 18.92	
19.54	BB	416418	4,4'-DDT	0.00977	5225.01	-80.5	19.49 - 19.59	
19.72	BB	5829	Endrin aldehyde	2.46e-04	1899.81	-99.5	19.67 - 19.77	
21.57	BB	34854	Endrin ketone	0.00177	6649.96	-96.5	21.52 - 21.62	
24.94	BB	5179924	Decachlorobiphen	0.05296	947710.78	5.9	24.89 - 24.99	
		12578239		0.12779	3.19e+06			

7-11-08
 DJB

Sample Name : ICM3PP

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15046.raw

Date : 07/11/2008 07:14:36

Time of Injection: 07/10/2008 21:50:21

Method : 6890-6ins

Start Time : 0.00 min

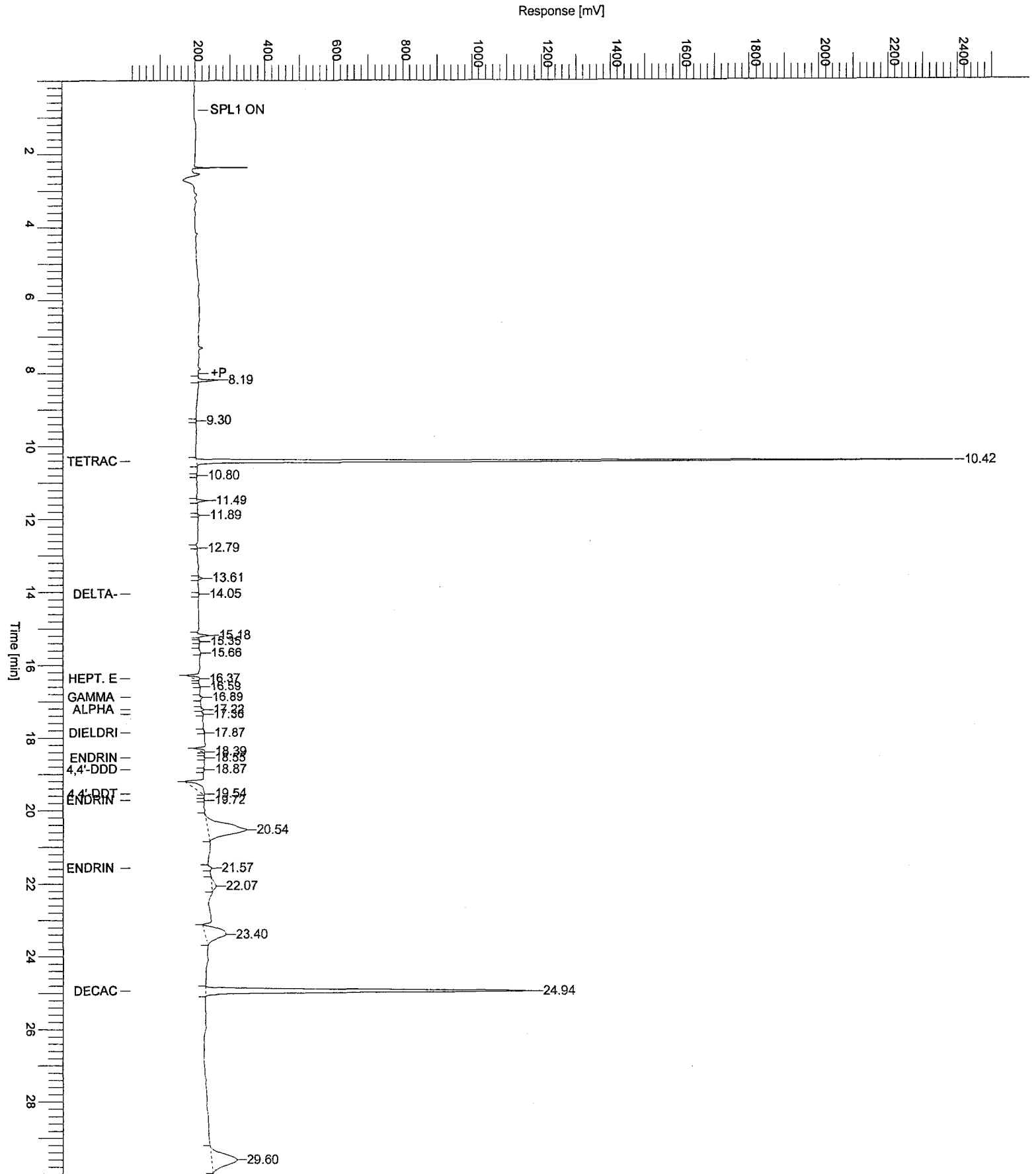
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

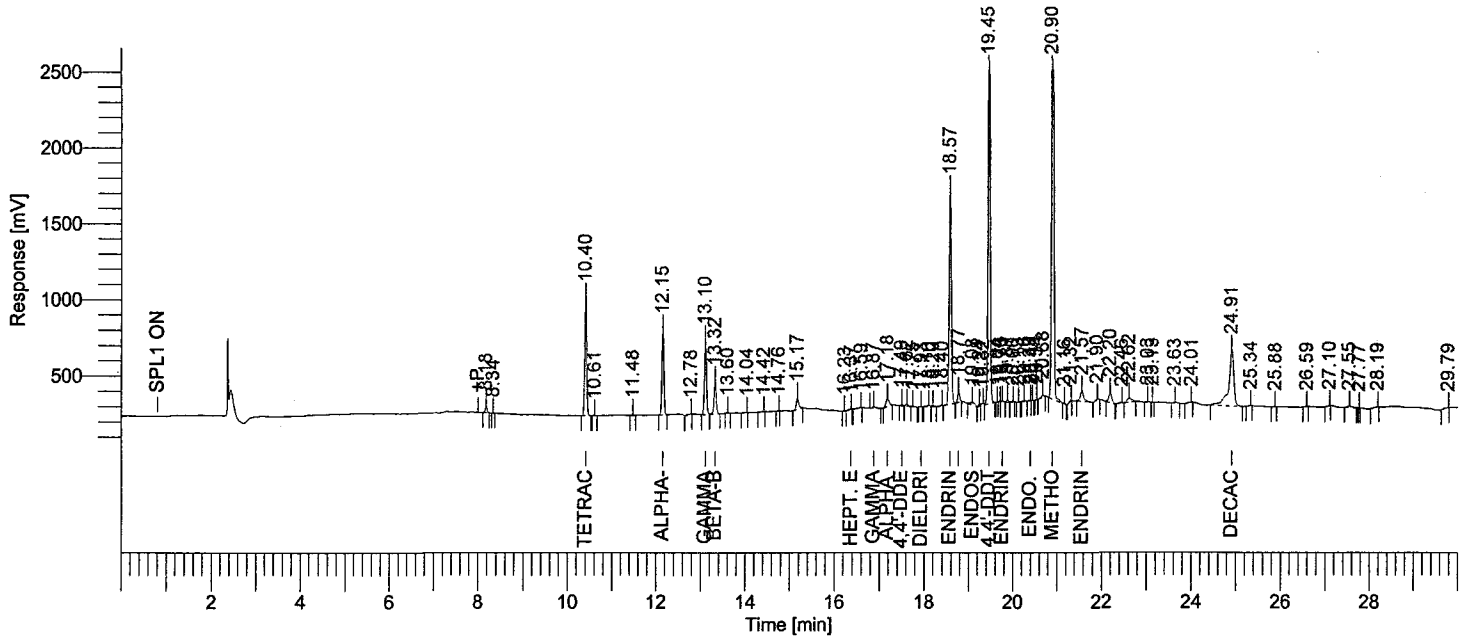
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76634
 Operator : tchrom
 Sample Number : PEM
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/11/2008 08:44:54

Date : 07/11/2008 10:06:19
 Sample Name : ICM1BC
 Study : CCV
 Rack/Vial : 1/48
 Channel : B
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6b15048.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15048.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15048.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15048.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15048.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP II "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.18	116029		B	0.11603	42031.32
3	10.40	2358112	Tetrachloro-m-xylene	B	0.01894	770132.97
4	10.61	10037		B	0.01004	2974.61
5	11.48	28060		B	0.02806	9222.70
6	12.15	1716447	alpha-BHC	B	0.00979	556835.70
7	12.78	41626		B	0.04163	1819.26
8	13.10	1549451	gamma-BHC	B	0.00971	485502.01
9	13.32	710985	beta-BHC	V	0.00964	212334.29
10	13.60	27713		B	0.02771	8499.66
11	14.04	10766		B	0.01077	866.20
12	14.42	11823		B	0.01182	1381.57
14	15.17	293319		B	0.29332	75916.56
15	16.23	7174		B	0.00717	3192.75
16	16.37	47603	Hept. epoxide	B	0.00114	6398.86
17	16.59	24462		V	0.02446	1240.35
18	16.87	68045	gamma chlordane	B	0.00167	11381.66
19	17.18	261955	alpha chlordane	B	0.00308	50281.19
20	17.49	32849	4,4'-DDE	B	0.00226	9917.70
21	17.62	64297		V	0.06430	13401.18
22	17.75	22829		B	0.02283	5099.44
24	18.10	47967		B	0.04797	7350.00
25	18.20	39865		V	0.03986	7937.83

Handwritten notes:
 DDT 2.9
 Endrin 7.38
 7-11-08
 JWB

07/11/2008 10:06:19 Result: H:\TURBO6\6890-06\6b15048.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
26	18.40	33364		B	0.03336	5252.46
27	18.57	4985631	Endrin	V	0.04719	1.40e+06
28	18.77	230618	4,4'-DDD	B	0.00289	67666.75
29	19.08	141074	Endosulfan II	B	0.00169	19446.52
30	19.24	41016		B	0.04102	14089.25
31	19.32	66620		V	0.06662	12832.82
32	19.45	8825150	4,4'-DDT	V	0.10464	2.67e+06
34	19.70	6227		V	0.00623	3092.72
35	19.75	23576	Endrin aldehyde	V	4.84e-04	7188.16
36	19.87	46499		B	0.04650	14742.69
37	20.00	9066		B	0.00907	2137.71
38	20.13	7253		B	0.00725	2161.50
39	20.26	33221		B	0.03322	7864.11
40	20.39	8732	Endo. Sulfate	V	8.28e-04	2742.56
41	20.44	6532		V	0.00653	2634.52
43	20.68	60602		B	0.06060	13341.24
44	20.90	10391171	Methoxychlor	B	0.25270	3.13e+06
45	21.16	25307		V	0.02531	9901.41
46	21.32	29305		B	0.02931	4460.29
47	21.57	373883	Endrin ketone	B	0.00527	68671.92
48	21.90	42154		B	0.04215	11057.84
49	22.20	297441		B	0.29744	61994.62
50	22.46	35604		B	0.03560	3714.76
51	22.62	189814		V	0.18981	26001.81
52	23.03	22350		B	0.02235	4639.69
54	23.63	30890		B	0.03089	5474.03
55	24.01	12146		B	0.01215	1231.56
56	24.91	2909134	Decachlorobiphenyl	B	0.02961	367260.96
57	25.34	11321		B	0.01132	1817.00
59	26.59	6435		B	0.00643	1151.13
60	27.10	7249		B	0.00725	1229.99
61	27.55	72199		B	0.07220	9031.25
63	28.19	24779		B	0.02478	2107.96
64	29.79	19903		B	0.01990	1069.84
					2.38478	1.02e+07
36517680						

Sample Name : ICM1BC

Sample # : PEM

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15048.raw

Date : 07/11/2008 10:06:22

Time of Injection: 07/11/2008 08:44:54

Method : 6890-6ins

Start Time : 0.00 min

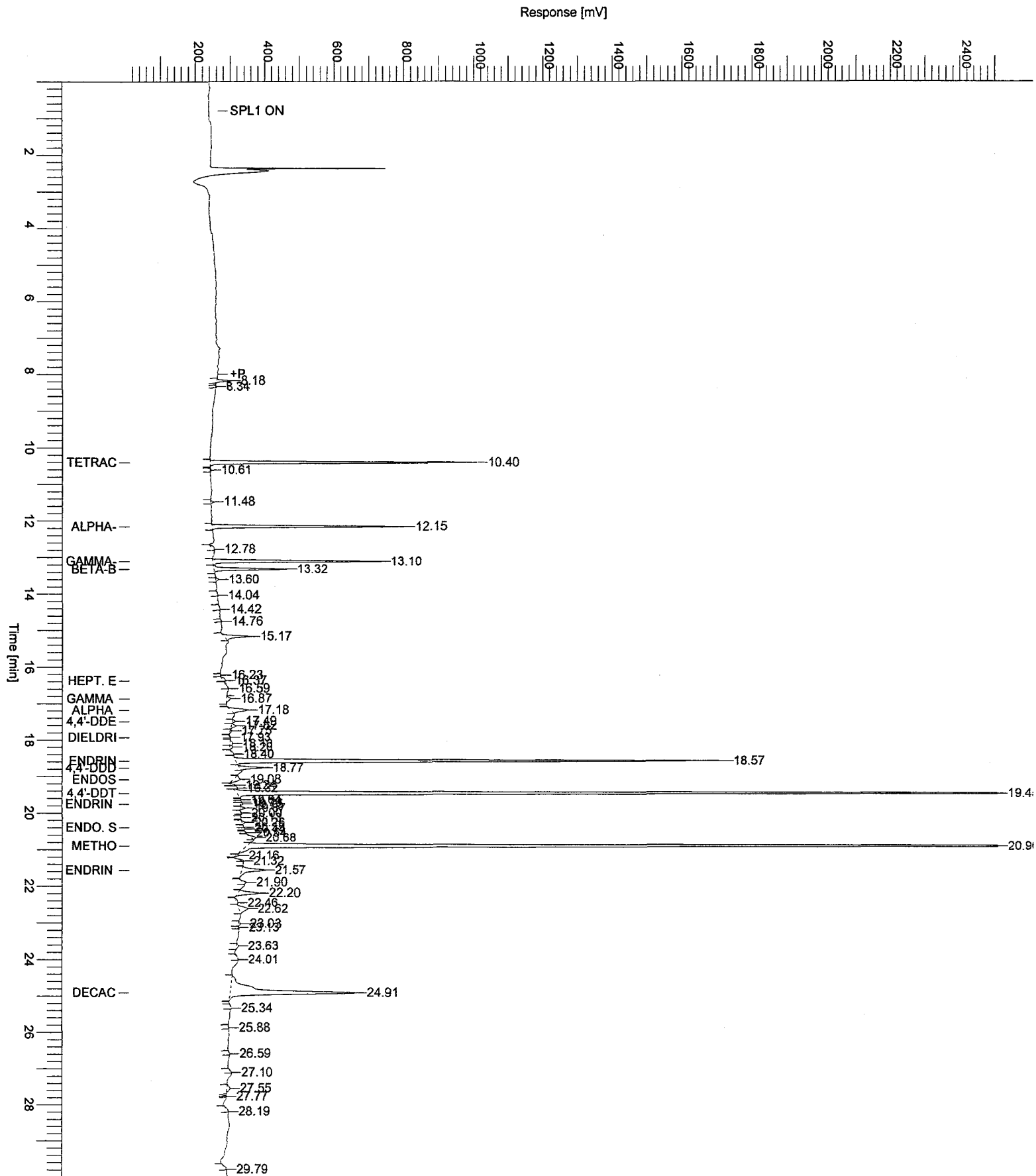
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

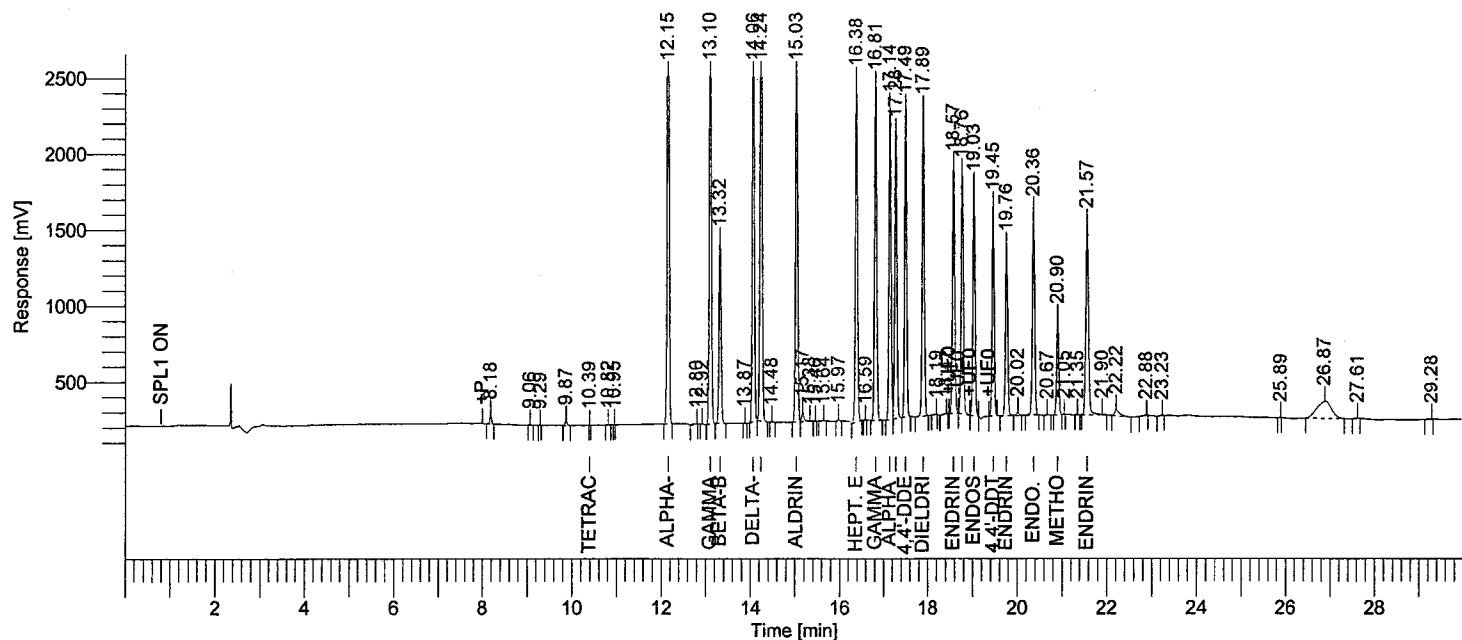
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/11/2008 09:18:40

Date : 07/11/2008 10:12:17
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/49
 Channel : B
 A/D mV Range : 1000
 End Time : 29.95 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6b15049.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15049.rst [Editing in Progress]
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15049.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15049.rst [Editing in Progress]
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15049.rst [Editing in Progress]
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
12.15	BB	10962227	alpha-BHC	0.05368	3.61e+06	7.4	12.10 - 12.20
13.10	BB	9111525	gamma-BHC	0.05149	2.91e+06	3.0	13.05 - 13.15
13.32	BB	3798197	beta-BHC	0.05309	1.19e+06	6.2	13.27 - 13.37
14.06	BB	9171220	delta-BHC	0.05350	2.87e+06	7.0	14.01 - 14.11
14.24	BB	9353670	Heptachlor	0.05548	2.94e+06	11.0	14.19 - 14.29
15.03	BV	8311128	Aldrin	0.05336	2.57e+06	6.7	14.98 - 15.08
16.38	BB	7438725	Hept. epoxide	0.05507	2.24e+06	10.1	16.33 - 16.43
16.81	BB	7302834	gamma chlordane	0.05376	2.20e+06	7.5	16.76 - 16.86
17.14	BV	6940957	alpha chlordane	0.05485	2.05e+06	9.7	17.09 - 17.19
17.28	VB	6489354	Endosulfan I	0.05464	1.88e+06	9.3	17.23 - 17.33
17.49	BB	6463148	4,4'-DDE	0.05345	2.02e+06	6.9	17.44 - 17.54
17.89	BB	6893919	Dieldrin	0.05390	2.01e+06	7.8	17.84 - 17.94
18.57	MM	5763854	Endrin	0.05434	1.62e+06	8.7	18.52 - 18.62
18.76	BB	5271819	4,4'-DDD	0.05236	1.58e+06	4.7	18.71 - 18.81
19.03	MM	5325579	Endosulfan II	0.05301	1.50e+06	6.0	18.98 - 19.08
19.45	MM	4558798	4,4'-DDT	0.05651	1.38e+06	13.0	19.40 - 19.50
19.76	BV	4051787	Endrin aldehyde	0.05442	1.11e+06	8.8	19.71 - 19.81
20.36	BB	4833234	Endo. Sulfate	0.05346	1.34e+06	6.9	20.31 - 20.41
20.90	BV	2103413	Methoxychlor	0.05461	628359.91	9.2	20.85 - 20.95
21.57	BE	5283023	Endrin ketone	0.05598	1.26e+06	12.0	21.52 - 21.62

1e+08 1.08095 3.89e+07

Missing Component Report

Component	Expected Retention (Calibration File)
Decachlorobiphenyl	25.000

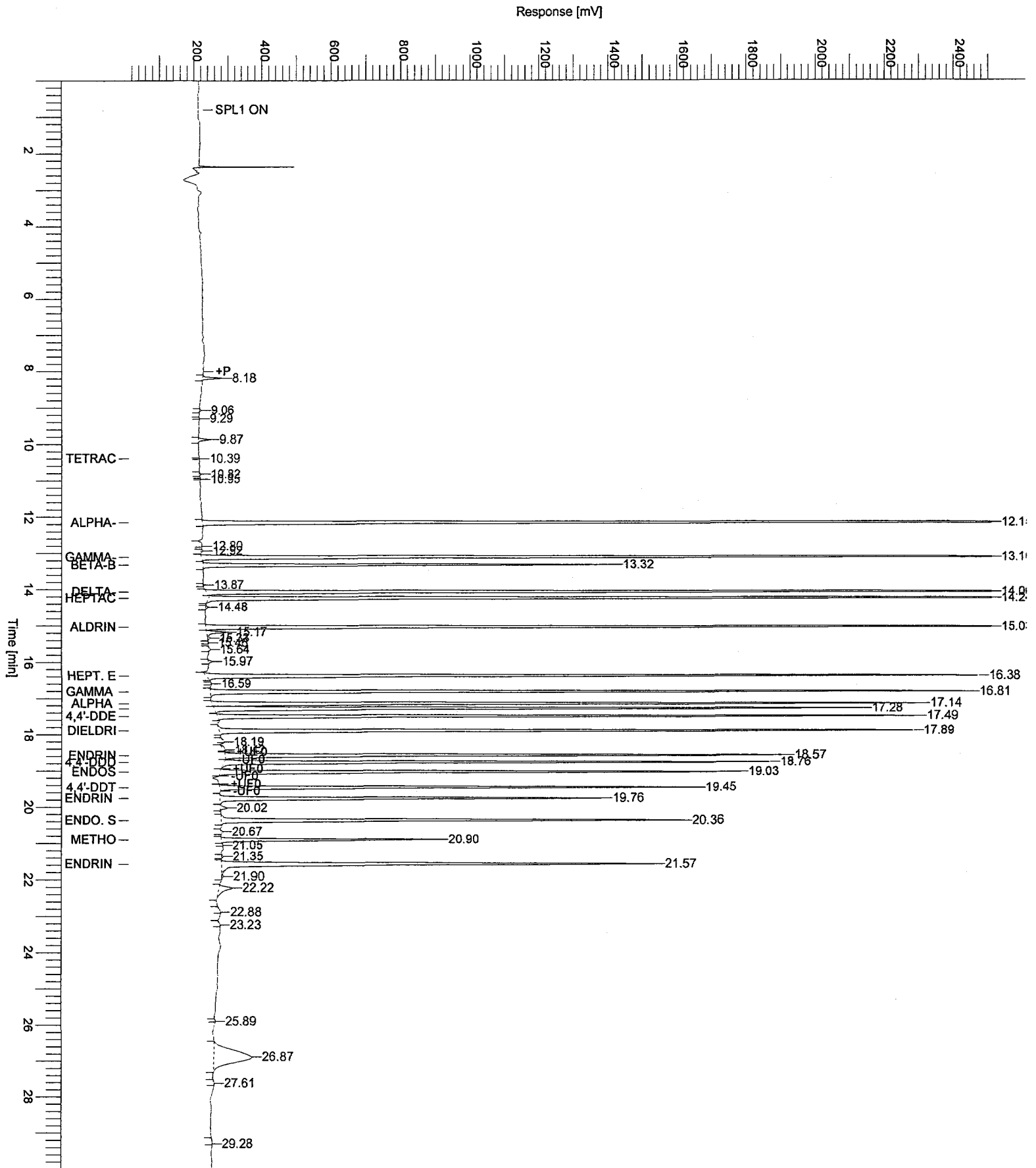
Handwritten note: 7-11-08
 [Signature]

Sample Name : ICM25WU
FileName : H:\TURBO6\6890-06\6b15049.raw
Date : 07/11/2008 10:12:24
Method :
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: 0.05

Page 1 of 1

Time of Injection: 07/11/2008 09:18:40
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2510.00 mV
Plot Scale: 2500.0 mV



Sample Name : ICM25WU

Sample # : 0.05

Page 1 of 1

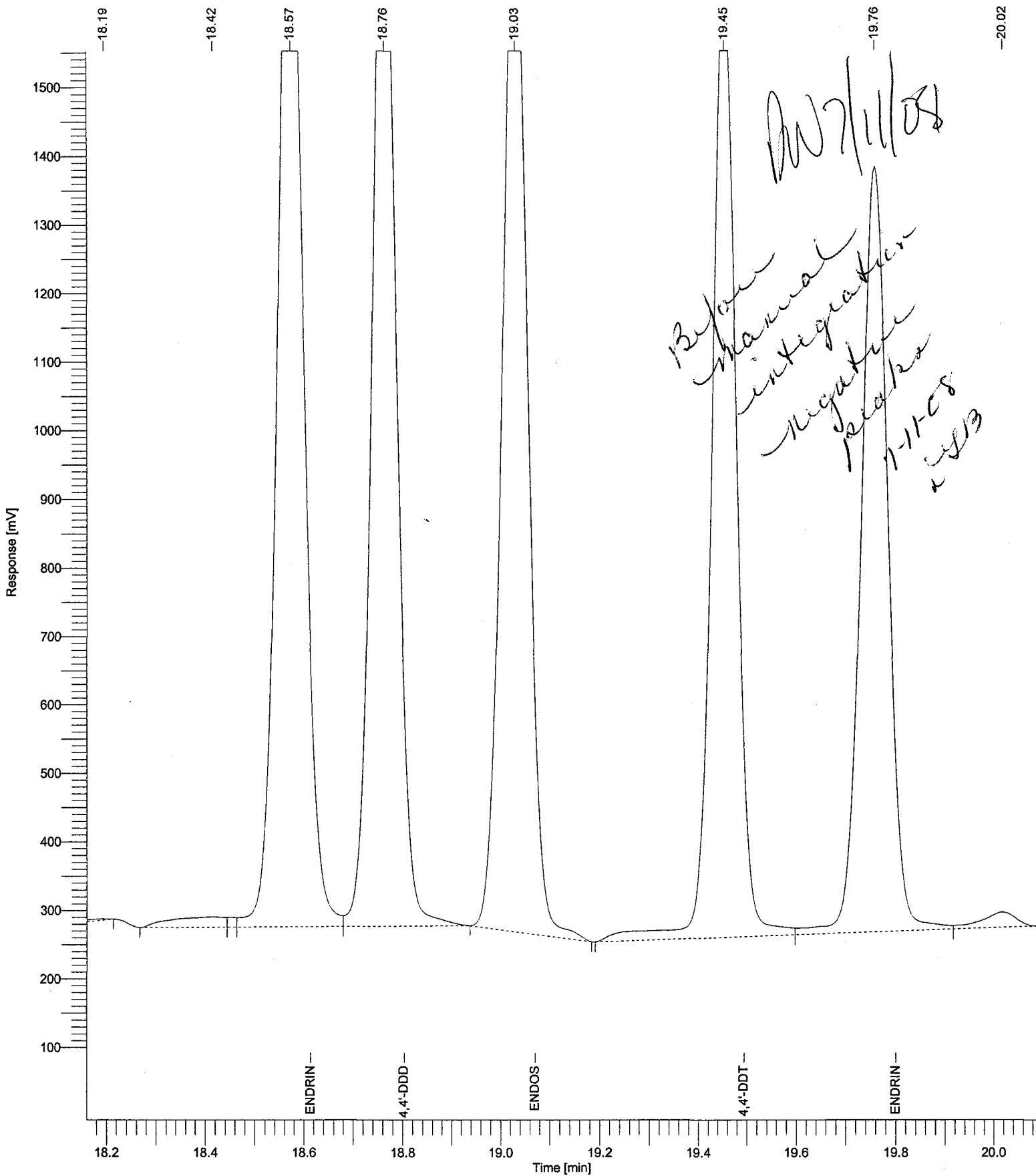
FileName : H:\TURBO6\6890-06\6b15049.raw

Date : 07/11/2008 10:11:34

Method : Time of Injection: 07/11/2008 09:18:40

Start Time : 18.16 min End Time : 20.09 min Low Point : 92.06 mV High Point : 1552.39 mV

Plot Offset: 92.06 mV Plot Scale: 1460.3 mV



Sample Name : ICM25WU

Sample #: 0.05

Page 1 of 1

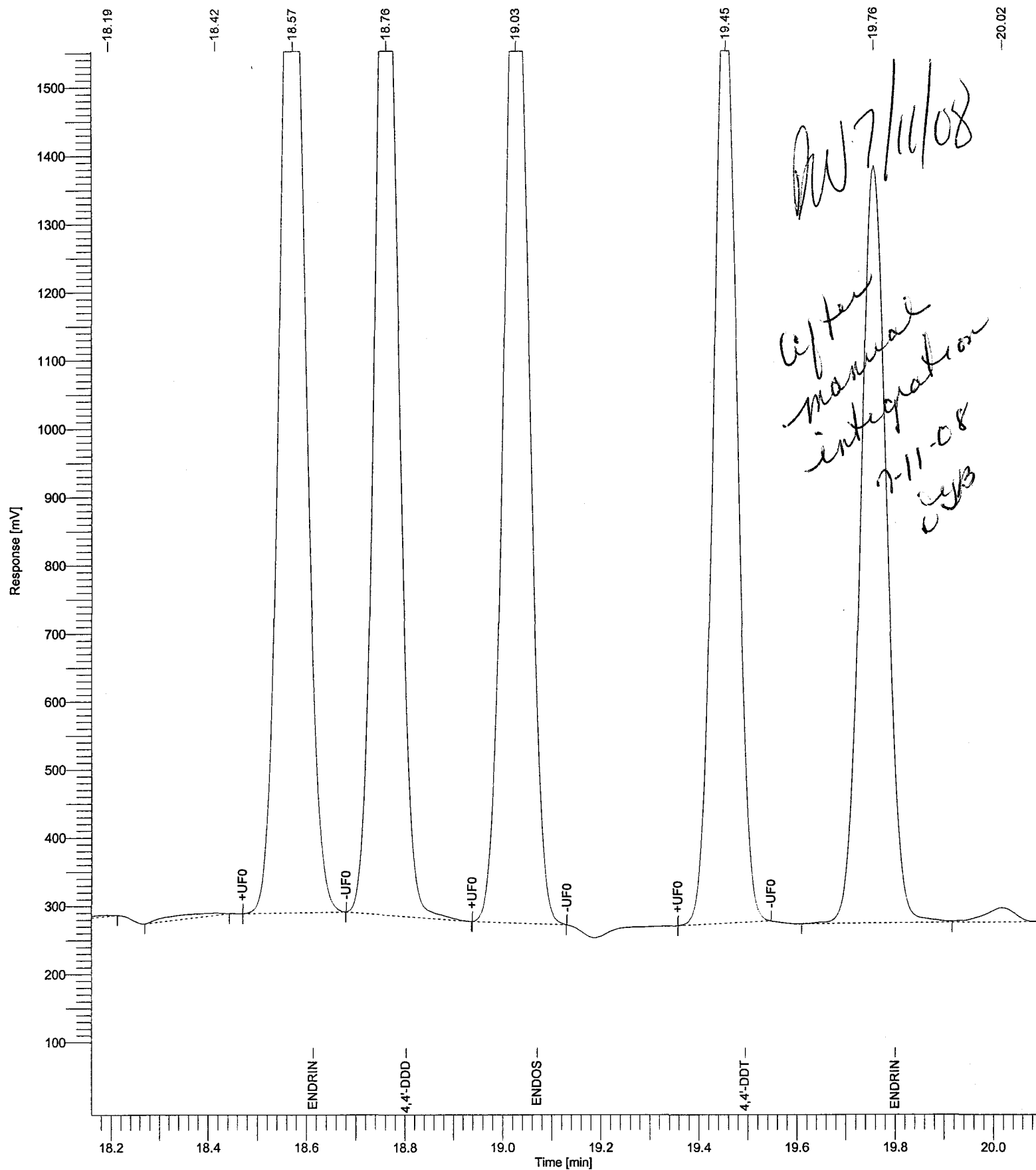
FileName : H:\TURBO6\6890-06\6b15049.raw

Date : 07/11/2008 10:12:25

Method : Time of Injection: 07/11/2008 09:18:40

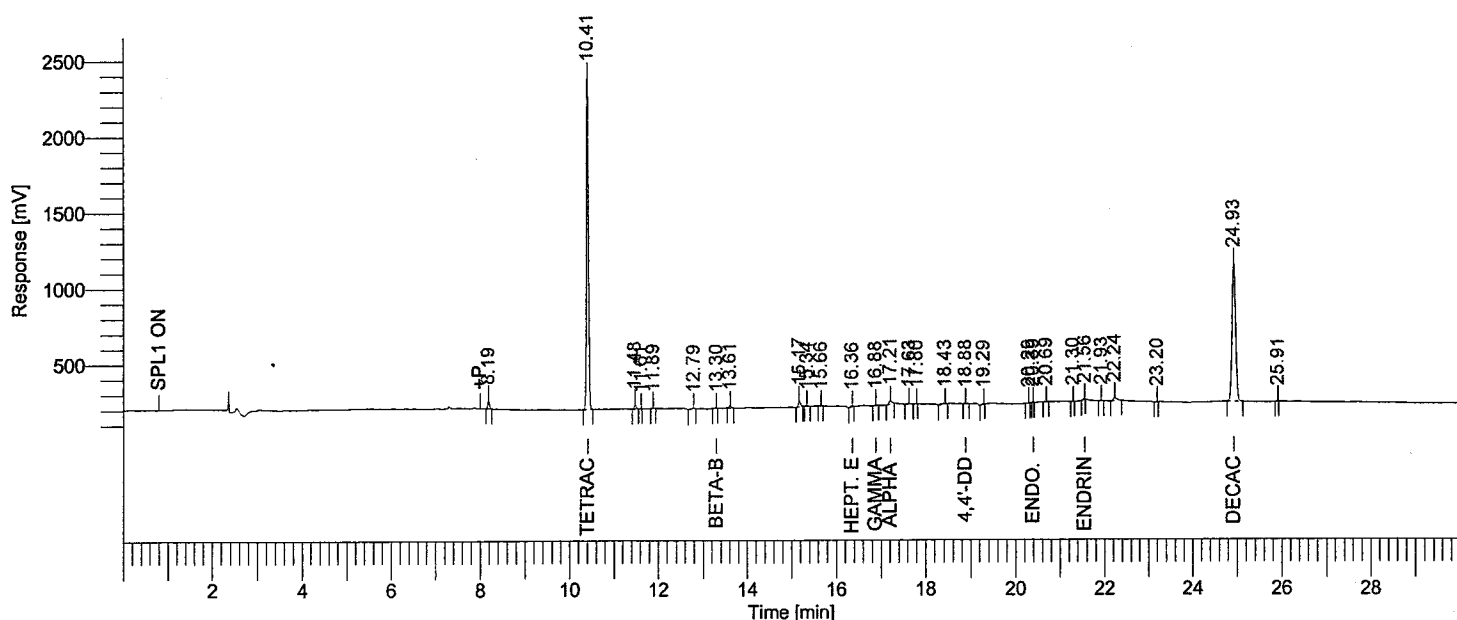
Start Time : 18.16 min End Time : 20.09 min Low Point : 92.06 mV High Point : 1552.39 mV

Plot Offset: 92.06 mV Plot Scale: 1460.3 mV



Software Version : 6.2.1.0.104:0104 Date : 07/11/2008 11:24:12
 Reprocess Number : buf1938: 76640
 Operator : tchrom Sample Name : ICM3PP
 Sample Number : 0.05 Study : CCV
 AutoSampler : BUILT-IN Rack/Vial : 1/50
 Instrument Name : HP6890-06 Channel : B
 Instrument Serial # : CN10520010 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.94 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 3000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/11/2008 09:52:38 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6b15050.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15050.rst
 Inst Method : H:\TURBO6\6890-06\6b15050-6ins from H:\TURBO6\6890-06\6b15050.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15050.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15050.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



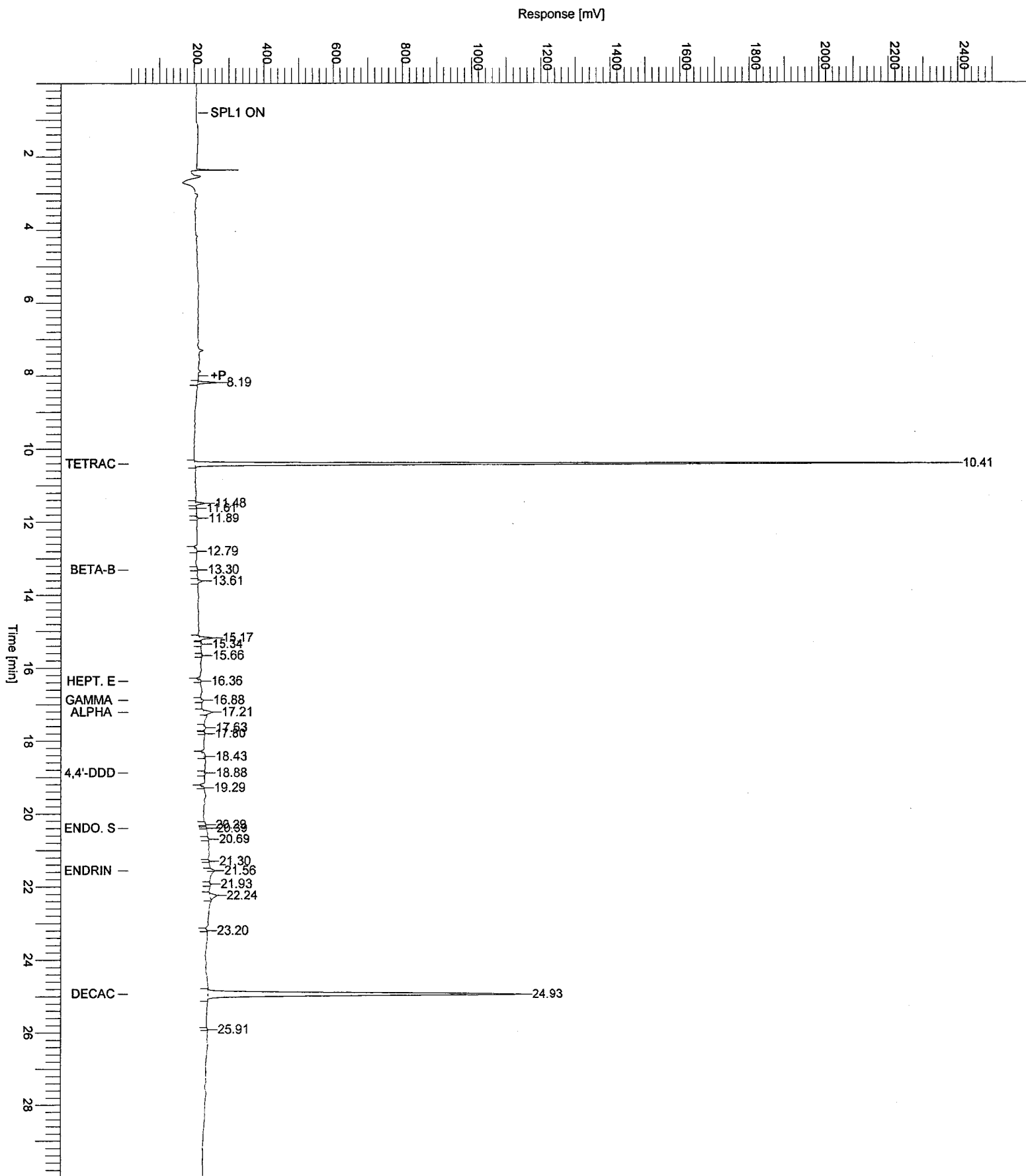
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window	Relative
10.41	BB	6658801	Tetrachloro-m-xy	0.05210	2.18e+06	4.2	10.36 - 10.46	
13.30	BB	4003	beta-BHC	3.1e-04	701.28	-100.6	13.25 - 13.35	
16.36	BB	30292	Hept. epoxide	0.00101	4282.77	-98.0	16.31 - 16.41	
16.88	BB	19810	gamma chlordane	0.00132	5202.76	-97.4	16.83 - 16.93	
17.21	BB	98969	alpha chlordane	0.00182	19664.71	-96.4	17.16 - 17.26	
18.88	BB	17183	4,4'-DDD	7.98e-04	3922.82	-98.4	18.83 - 18.93	
21.56	BB	9968	Endrin ketone	0.00151	2345.75	-97.0	21.51 - 21.61	
24.93	BB	4941534	Decachlorobiphen	0.05051	905957.57	1.0	24.88 - 24.98	
		11780560		0.10876	3.13e+06			

7-11-08
JWB

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	12.184
gamma-BHC	13.135
delta-BHC	14.097
Heptachlor	14.270
Aldrin	15.067
Endosulfan I	17.316
4,4'-DDE	17.531
Dieldrin	17.932
Endrin	18.614
Endosulfan II	19.070
4,4'-DDT	19.494
Endrin aldehyde	19.800
Methoxychlor	20.938

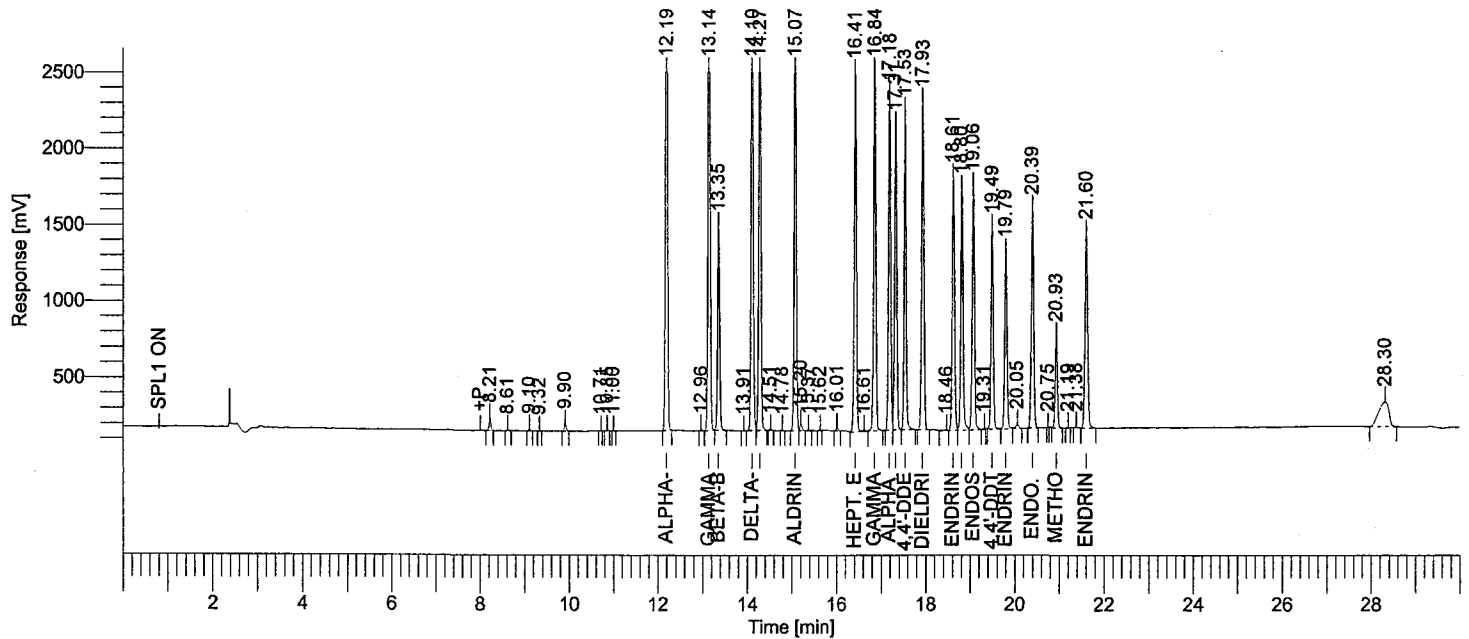
Sample Name : ICM3PP
File Name : H:\TURBO6\6890-06\6b15050.raw
Date : 07/11/2008 11:24:15
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample #: 0.05
Page 1 of 1
Time of Injection: 07/11/2008 09:52:38
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2510.00 mV
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75524
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/12/2008 05:38:27

Date : 07/13/2008 10:51:56
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/56
 Channel : B
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 5

Raw Data File : H:\TURBO6\6890-06\6b15056.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15056.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15056.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15056.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15056.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
12.19	BB	11993304	alpha-BHC	0.05857	3.90e+06	17.1	12.14 - 12.24
13.14	BB	10525504	gamma-BHC	0.05930	3.30e+06	18.6	13.09 - 13.19
13.35	BB	4348613	beta-BHC	0.06083	1.33e+06	21.7	13.30 - 13.40
14.10	VV	10157439	delta-BHC	0.05907	3.09e+06	18.1	14.05 - 14.15
14.27	VB	10228219	Heptachlor	0.06053	3.12e+06	21.1	14.22 - 14.32
15.07	BV	9242384	Aldrin	0.05920	2.83e+06	18.4	15.02 - 15.12
16.41	BE	7987268	Hept. epoxide	0.05907	2.35e+06	18.1	16.36 - 16.46
16.84	VB	7991196	gamma chlordane	0.05872	2.37e+06	17.4	16.79 - 16.89
17.18	BV	7391609	alpha chlordane	0.05834	2.19e+06	16.7	17.13 - 17.23
17.31	VB	6901407	Endosulfan I	0.05808	1.99e+06	16.2	17.26 - 17.36
17.53	BB	6958847	4,4'-DDE	0.05739	2.08e+06	14.8	17.48 - 17.58
17.93	BB	7353107	Dieldrin	0.05738	2.14e+06	14.8	17.88 - 17.98
18.61	VV	6037918	Endrin	0.05686	1.65e+06	13.7	18.56 - 18.66
18.80	VV	5683027	4,4'-DDD	0.05639	1.57e+06	12.8	18.75 - 18.85
19.06	VB	5859189	Endosulfan II	0.05830	1.59e+06	16.6	19.01 - 19.11
19.49	VV	4467784	4,4'-DDT	0.05548	1.31e+06	11.0	19.44 - 19.54

7-14-08
 JWB

07/13/2008 10:51:56 Result: H:\TURBO6\6890-06\6b15056.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window -	Relative
19.79	VV	4263432	Endrin aldehyde	0.05726	1.15e+06	14.5	19.74 -	19.84
20.39	BB	5174761	Endo. Sulfate	0.05719	1.43e+06	14.4	20.34 -	20.44
20.93	BB	2040595	Methoxychlor	0.05311	591310.82	6.2	20.88 -	20.98
21.60	BB	5256931	Endrin ketone	0.05571	1.27e+06	11.4	21.55 -	21.65
		1e+08		1.15677	4.12e+07			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	10.443
Decachlorobiphenyl	25.000

Sample Name : ICM25WU

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15056.raw

Date : 07/13/2008 10:51:58

Time of Injection: 07/12/2008 05:38:27

Method : 6890-6ins

Start Time : 0.00 min

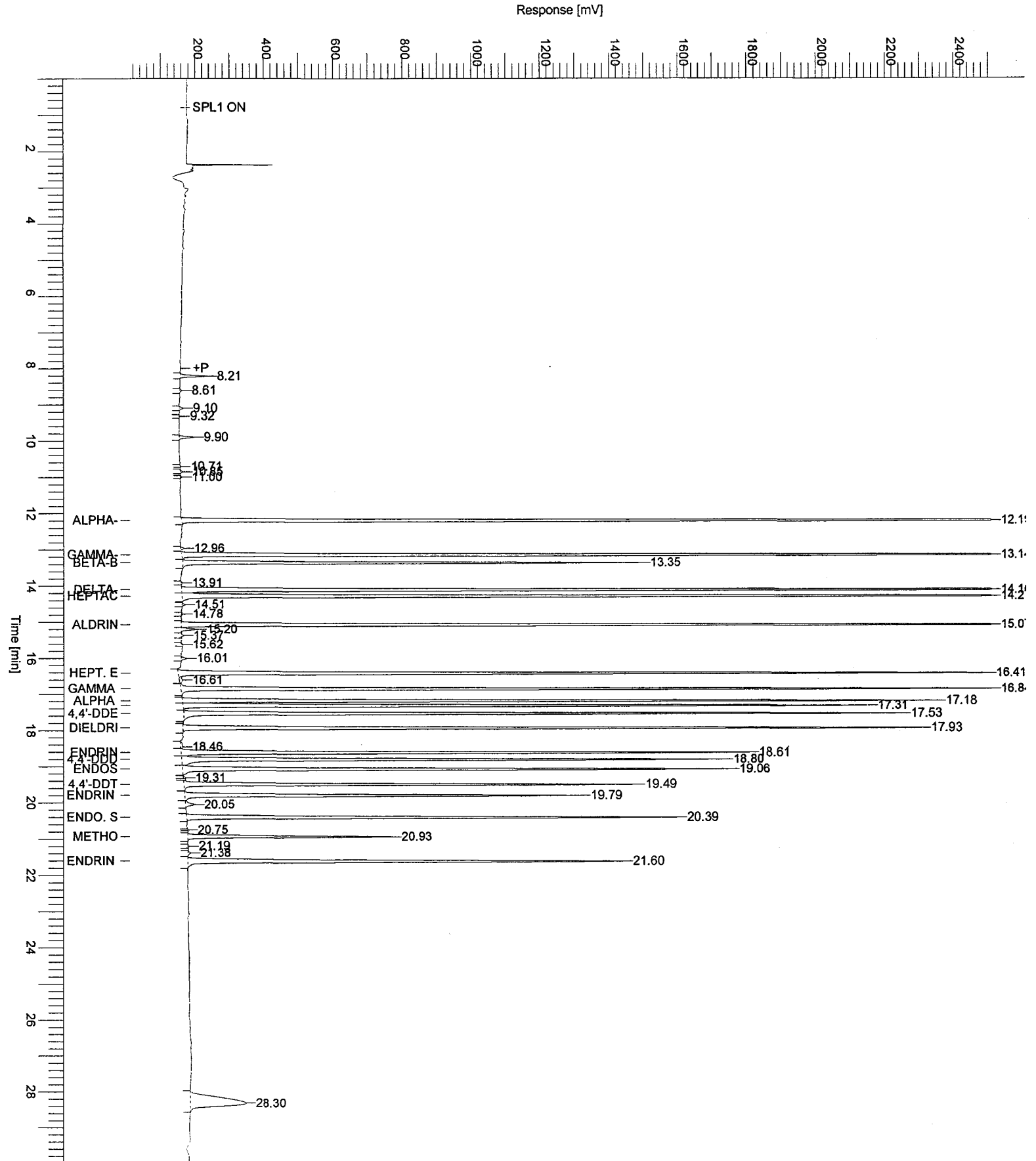
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

Plot Scale: 2500.0 mV

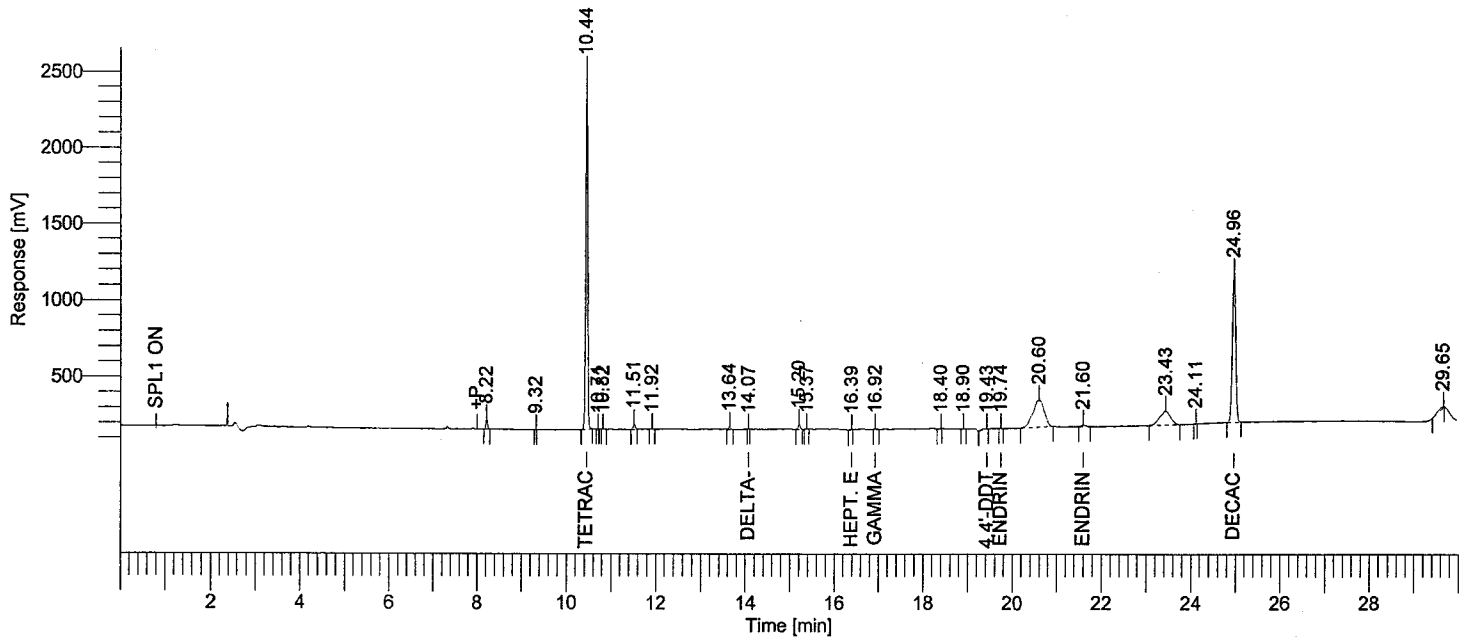


```

Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 75526
Operator : tchrom
Sample Name : ICM3PP
Sample Number : 0.05
Study : CCV
AutoSampler : BUILT-IN
Rack/Vial : 1/57
Instrument Name : HP6890-06
Channel : B
Instrument Serial # : CN10520010
A/D mV Range : 1000
Delay Time : 0.00 min
End Time : 29.95 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Area Reject : 3000.000000
Data Acquisition Time : 07/12/2008 06:12:12
Dilution Factor : 1.00
Cycle : 6
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b15057.raw <Modified>
Result File : H:\TURBO6\6890-06\6b15057.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15057.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15057.rst
Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15057.rst
Report Format File : h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-15.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
10.44	BB	7416440	Tetrachloro-m-xy	0.05795	2.39e+06	15.9	10.39 - 10.49
16.39	BB	17387	Hept. epoxide	9.17e-04	2108.68	-98.2	16.34 - 16.44
16.92	BB	9866	gamma chlordane	0.00125	2339.85	-97.5	16.87 - 16.97
19.43	BB	52121	4,4'-DDT	0.00566	1753.72	-88.7	19.38 - 19.48
19.74	BB	5494	Endrin aldehyde	2.41e-04	1988.80	-99.5	19.69 - 19.79
21.60	BB	68957	Endrin ketone	0.00212	10339.73	-95.8	21.55 - 21.65
24.96	BB	5355361	Decachlorobiphen	0.05476	975076.73	9.5	24.91 - 25.01
		12925626		0.12289	3.38e+06		

7-14-08
DUB

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	12.184
gamma-BHC	13.135
beta-BHC	13.351
Heptachlor	14.270
Aldrin	15.067
alpha chlordane	17.181
Endosulfan I	17.316

Sample Name : ICM3PP

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15057.raw

Date : 07/13/2008 10:52:04

Time of Injection: 07/12/2008 06:12:12

Method : 6890-6ins

Start Time : 0.00 min

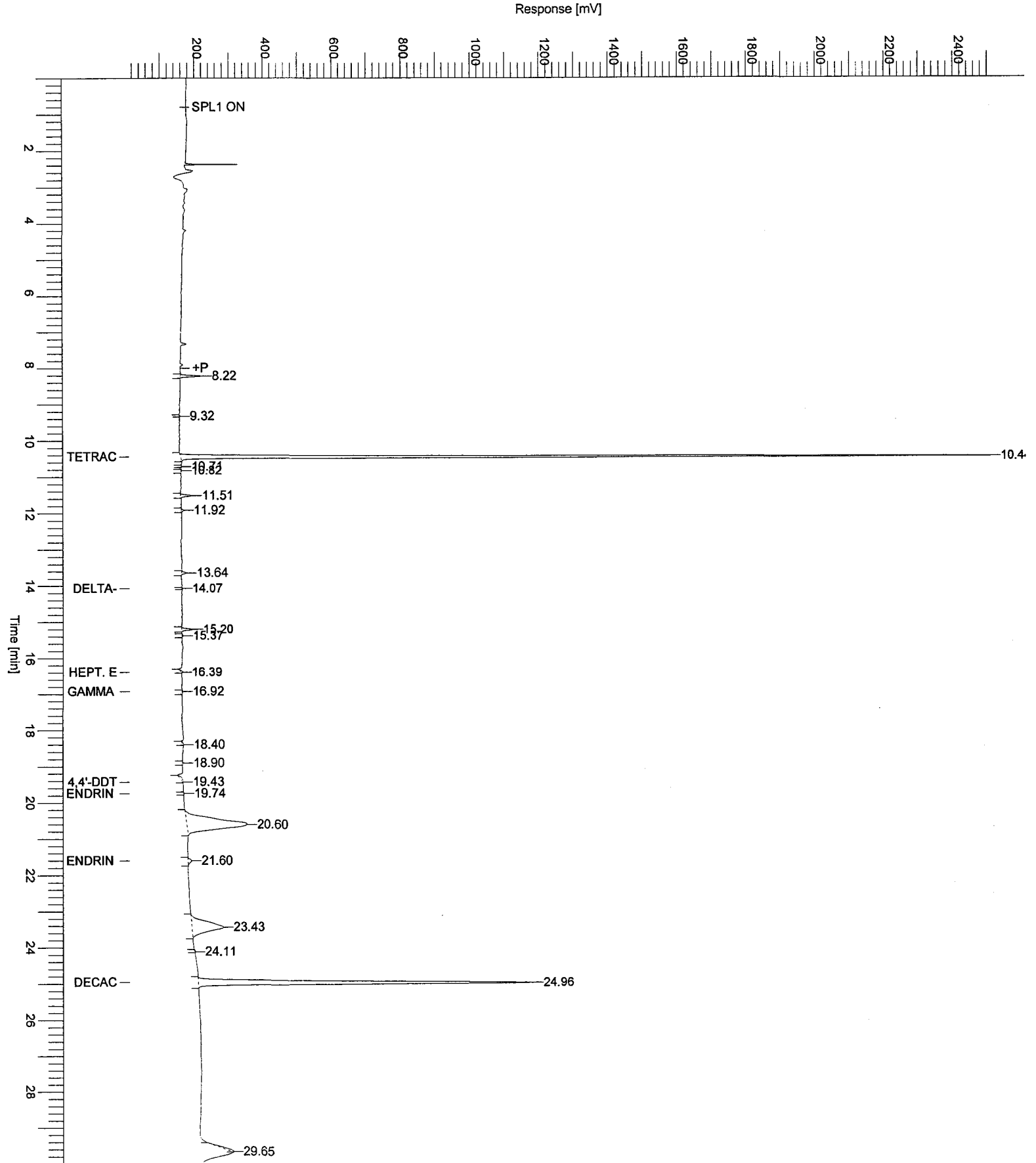
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

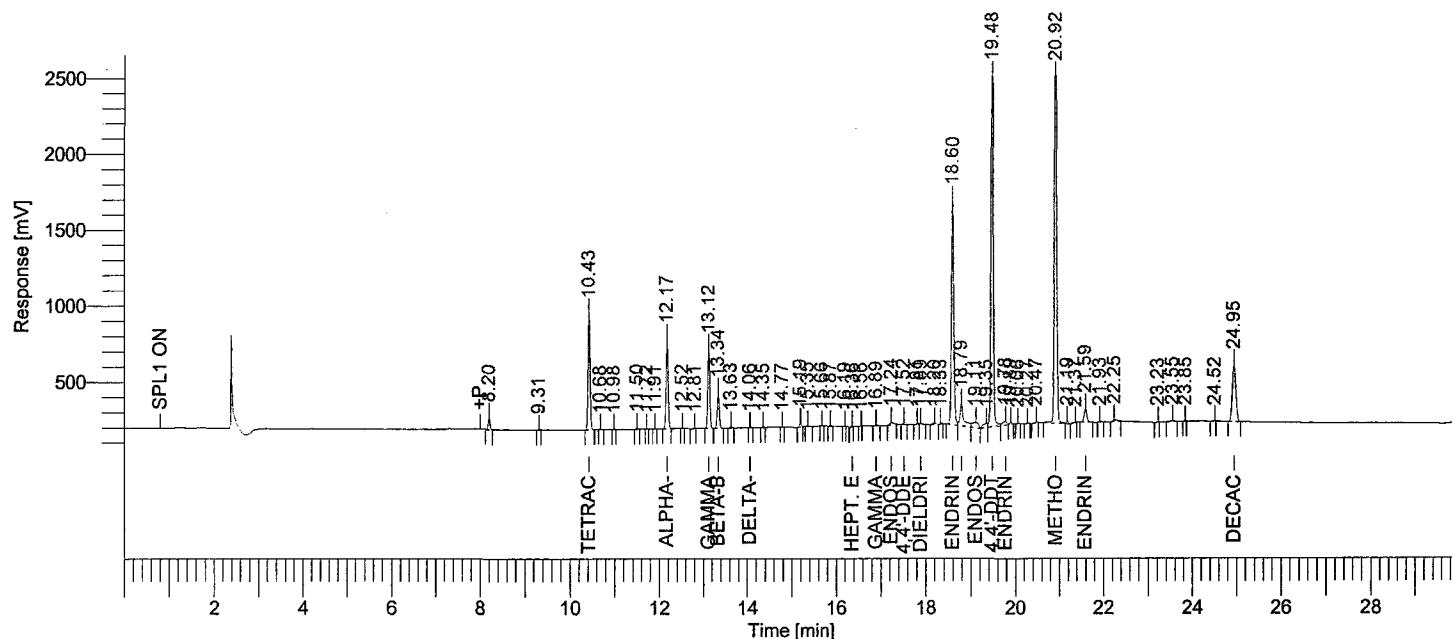
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76894
 Operator : tchrom
 Sample Number : PEM
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 08:22:37

Date : 07/17/2008 07:24:12
 Sample Name : ICM1BC
 Study : CCV
 Rack/Vial : 1/90
 Channel : B
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-06\6b15090.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15090.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15090.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15090.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15090.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

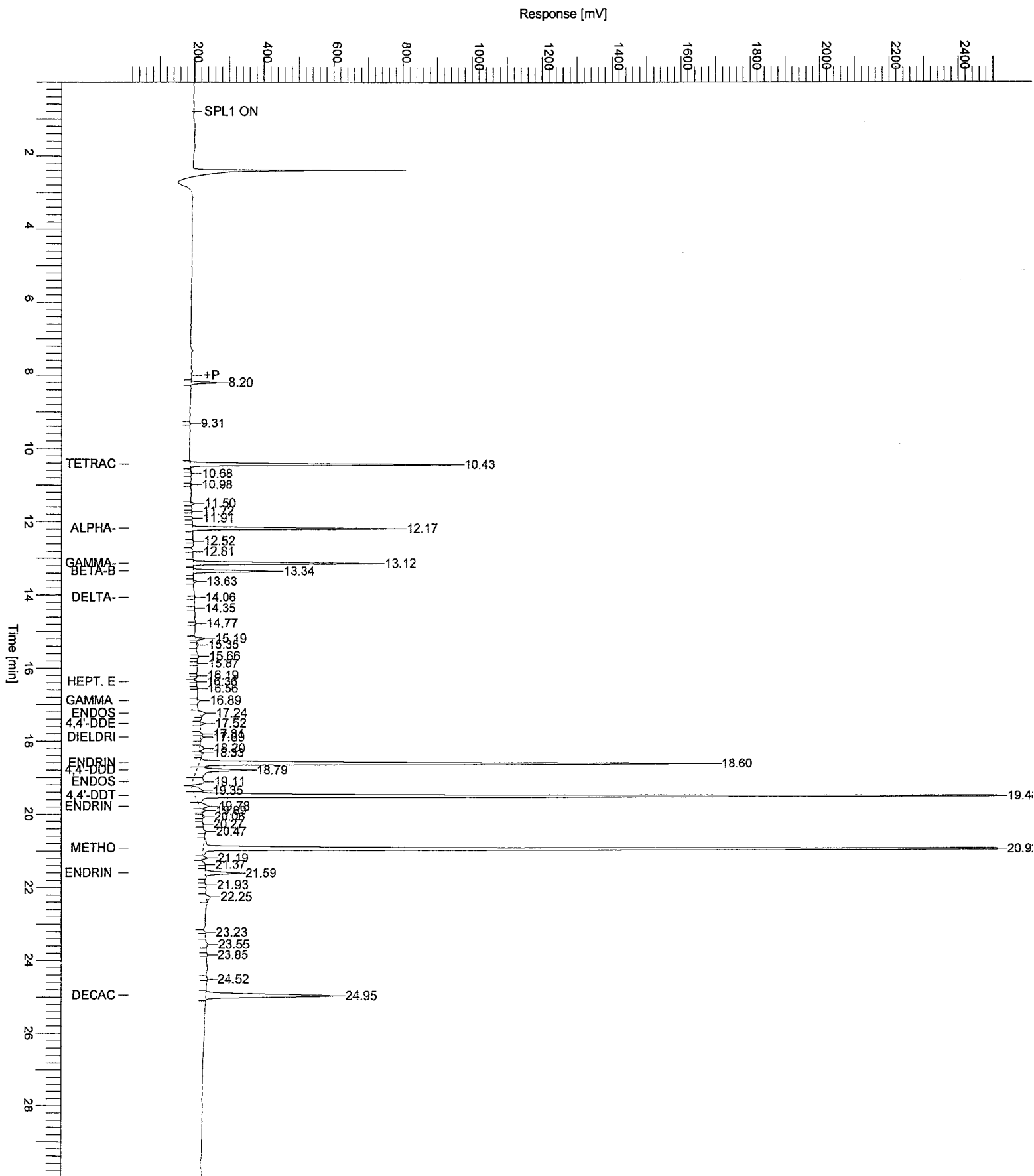
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.20	221965		B	0.22197	79118.31
2	9.31	7017		B	0.00702	2542.53
3	10.43	2395703	Tetrachloro-m-xylene	B	0.01923	760828.16
4	10.68	9550		B	0.00955	2519.70
5	10.98	6459		B	0.00646	2496.88
6	11.50	30137		B	0.03014	9819.36
9	12.17	1829563	alpha-BHC	B	0.01033	587158.33
11	12.81	12164		B	0.01216	1048.39
12	13.12	1683964	gamma-BHC	B	0.01045	521532.09
13	13.34	760224	beta-BHC	B	0.01033	231006.44
14	13.63	31173		B	0.03117	9658.08
15	14.06	6557	delta-BHC	B	0.00173	2359.98
17	14.77	9024		B	0.00902	3455.30
18	15.19	78877		B	0.07888	26689.43
19	15.35	17374		B	0.01737	4088.59
20	15.66	9135		B	0.00913	2834.63
21	15.87	11046		B	0.01105	3353.56
23	16.36	16432	Hept. epoxide	B	9.10e-04	2673.64
25	16.89	30163	gamma chlordane	B	0.00139	7017.12
26	17.24	94698	Endosulfan I	B	0.00128	17075.88
27	17.52	42447	4,4'-DDE	B	0.00233	13463.73
28	17.81	33535		B	0.03354	8311.51

DDT 8.9
Endrin 9.77
 7-17-08
 SYB

07/17/2008 07:24:12 Result: H:\TURBO6\6890-06\6b15090.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
29	17.89	37725	Dieldrin	V	0.00188	8359.22
30	18.20	69766		B	0.06977	11556.60
31	18.33	23657		B	0.02366	7738.07
32	18.60	5397827	Endrin	B	0.05098	1.47e+06
33	18.79	857790	4,4'-DDD	V	0.00905	144842.50
34	19.11	332829	Endosulfan II	V	0.00359	33859.89
35	19.35	199180		B	0.19918	27511.99
36	19.48	9213005	4,4'-DDT	V	0.10901	2.73e+06
37	19.78	187084	Endrin aldehyde	V	0.00267	25783.77
38	19.89	49313		V	0.04931	13420.15
39	20.06	17892		B	0.01789	5142.05
40	20.27	7261		B	0.00726	1809.52
41	20.47	17443		B	0.01744	4806.28
42	20.92	10279918	Methoxychlor	B	0.25004	3.05e+06
43	21.19	59025		V	0.05902	16870.42
44	21.37	18900		B	0.01890	1899.35
45	21.59	397295	Endrin ketone	B	0.00551	87775.34
46	21.93	15290		B	0.01529	4188.19
47	22.25	74701		B	0.07470	11880.91
48	23.23	10766		B	0.01077	1833.38
49	23.55	38437		B	0.03844	5803.34
51	24.52	7682		B	0.00768	999.50
52	24.95	2041941	Decachlorobiphenyl	B	0.02070	371725.97
					1.59818	1.03e+07

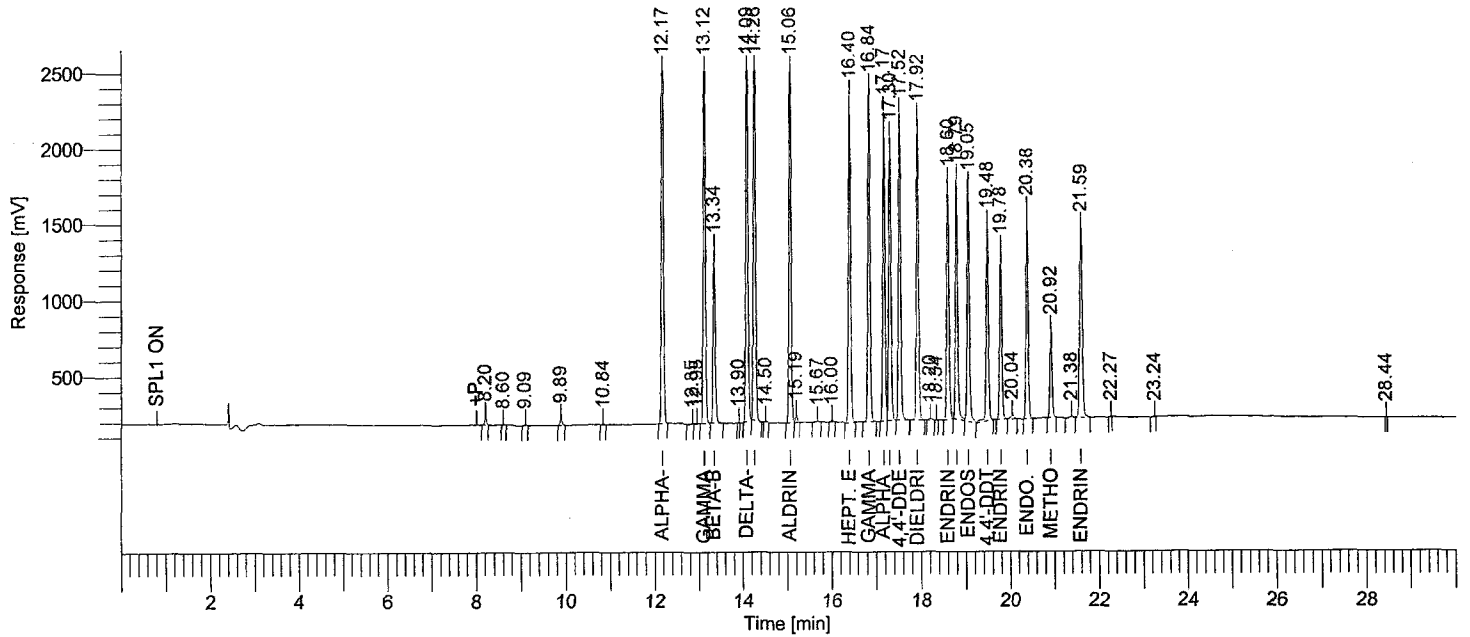
Sample Name : ICM1BC
File Name : H:\TURBO6\6890-06\6b15090.raw
Date : 07/17/2008 07:24:13
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset : 10.00 mV
Sample # : PEM
Page 1 of 1
Time of Injection : 07/16/2008 08:22:37
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2510.00 mV
Plot Scale : 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76896
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 08:56:24

Date : 07/17/2008 07:24:20
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/91
 Channel : B
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-06\6b15091.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15091.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15091.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15091.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15091.rst
 Report Format File: h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
12.17	BB	10195124	alpha-BHC	0.05004	3.32e+06	0.1	12.12 - 12.22
13.12	VB	9148936	gamma-BHC	0.05169	2.88e+06	3.4	13.07 - 13.17
13.34	BB	3743977	beta-BHC	0.05232	1.14e+06	4.6	13.29 - 13.39
14.09	BB	8878793	delta-BHC	0.05184	2.75e+06	3.7	14.04 - 14.14
14.26	BB	8916513	Heptachlor	0.05296	2.78e+06	5.9	14.21 - 14.31
15.06	BV	8359186	Aldrin	0.05366	2.57e+06	7.3	15.01 - 15.11
16.40	BB	7292853	Hept. epoxide	0.05400	2.16e+06	8.0	16.35 - 16.45
16.84	BB	7351805	gamma chlordane	0.05411	2.20e+06	8.2	16.79 - 16.89
17.17	BV	6853398	alpha chlordane	0.05417	2.04e+06	8.3	17.12 - 17.22
17.30	VB	6471012	Endosulfan I	0.05449	1.87e+06	9.0	17.25 - 17.35
17.52	BB	6598313	4,4'-DDE	0.05452	2.02e+06	9.0	17.47 - 17.57
17.92	BB	6930800	Dieldrin	0.05418	1.99e+06	8.4	17.87 - 17.97
18.60	BB	5567563	Endrin	0.05253	1.56e+06	5.1	18.55 - 18.65
18.79	BV	5498774	4,4'-DDD	0.05458	1.58e+06	9.2	18.74 - 18.84
19.05	VB	5730085	Endosulfan II	0.05702	1.55e+06	14.0	19.00 - 19.10
19.48	BB	4434646	4,4'-DDT	0.05510	1.28e+06	10.2	19.43 - 19.53
19.78	BV	4094492	Endrin aldehyde	0.05500	1.11e+06	10.0	19.73 - 19.83
20.38	BB	4920490	Endo. Sulfate	0.05442	1.36e+06	8.8	20.33 - 20.43
20.92	BB	1969754	Methoxychlor	0.05142	572796.31	2.8	20.87 - 20.97
21.59	VB	5225622	Endrin ketone	0.05539	1.25e+06	10.8	21.54 - 21.64
				1e+08	1.07345	3.80e+07	

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 JYB

Sample Name : ICM25WU

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15091.raw

Date : 07/17/2008 07:24:21

Method : 6890-6ins

Time of Injection: 07/16/2008 08:56:24

Start Time : 0.00 min

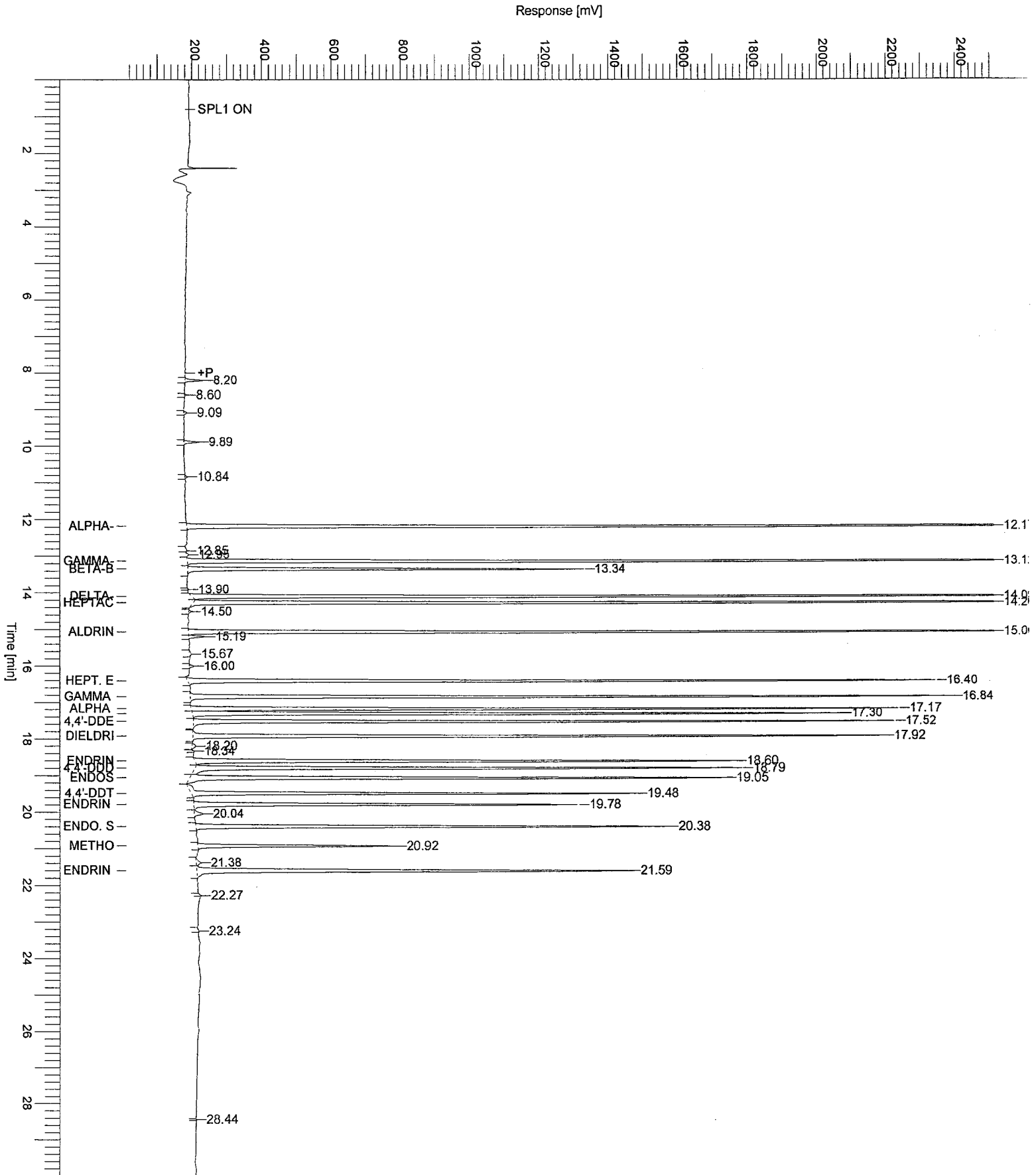
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

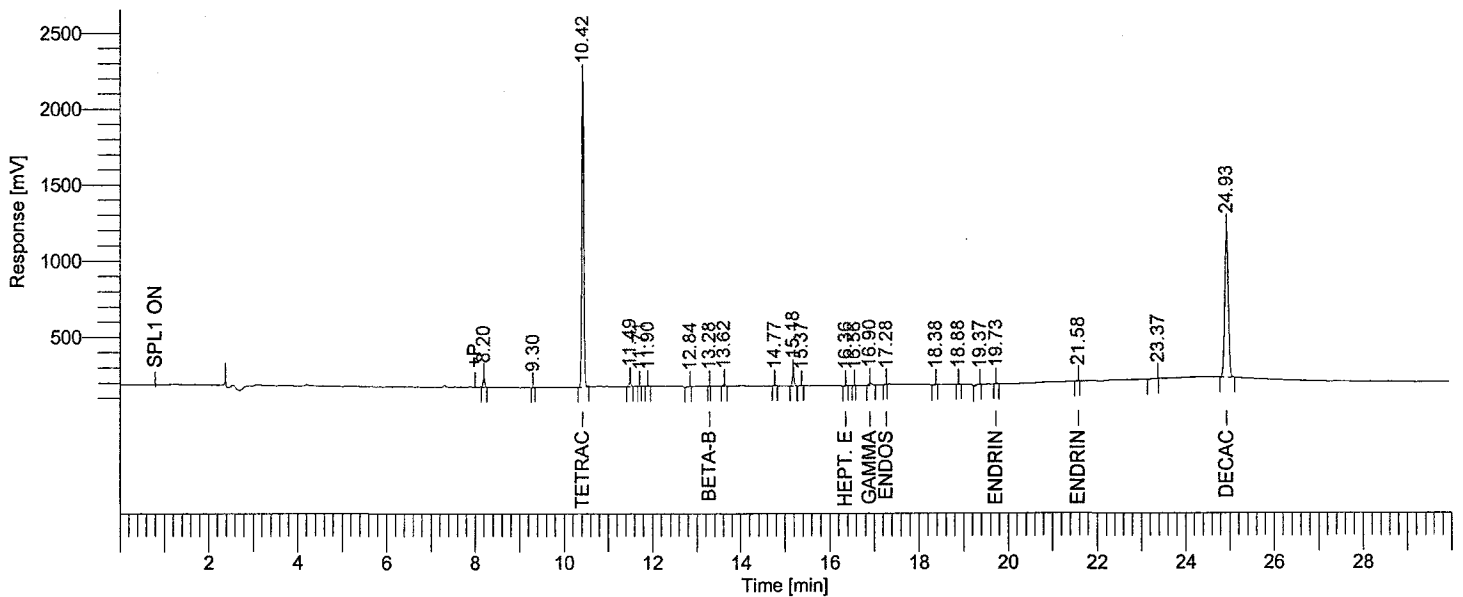
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76898
 Operator : tchom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 10:35:01

Date : 07/17/2008 07:24:27
 Sample Name : ICM3PP
 Study : CCV
 Rack/Vial : 1/92
 Channel : B
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-06\6b15092.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15092.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15092.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15092.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15092.rst
 Report Format File : h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



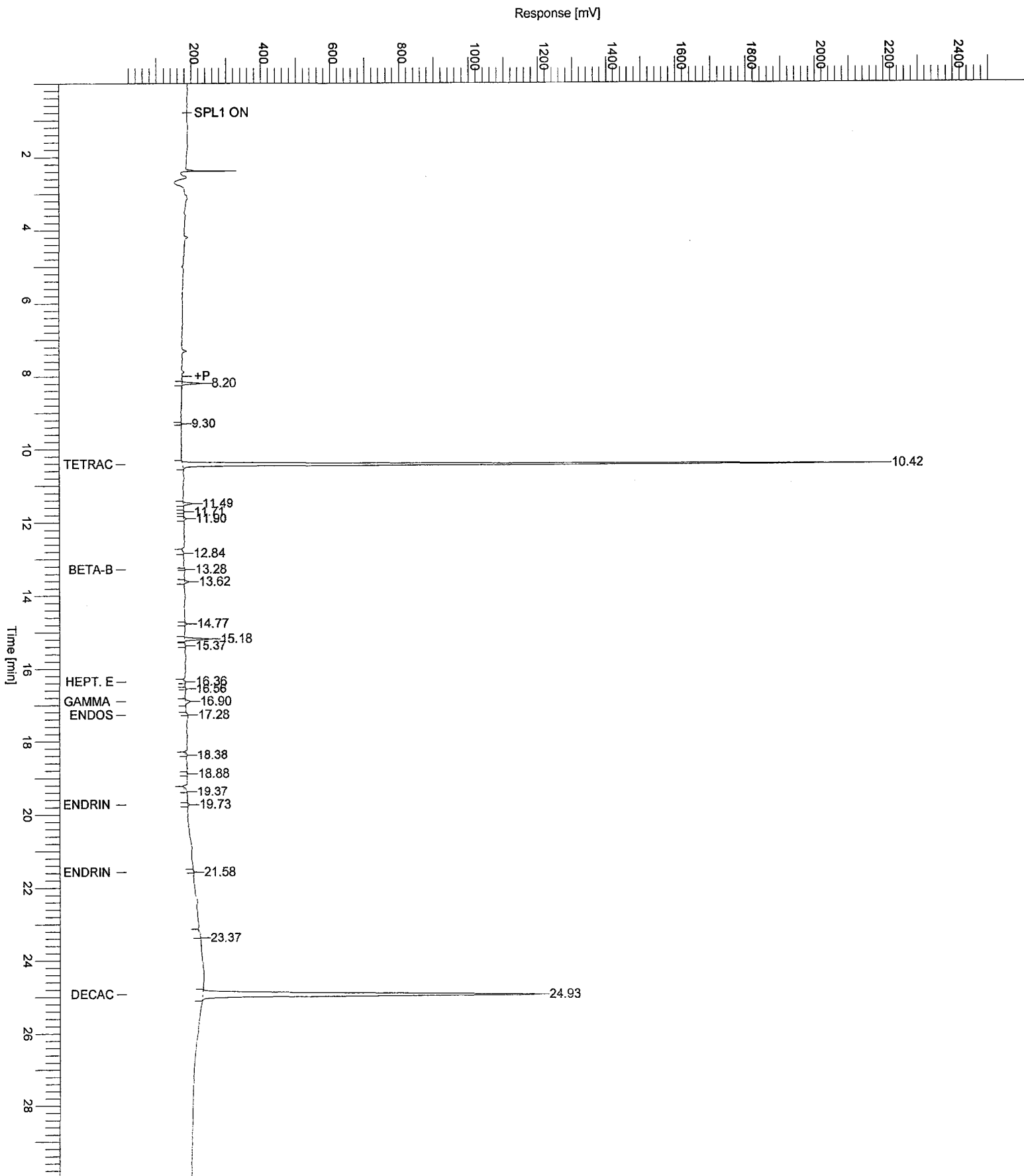
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
10.42	BB	6330231	Tetrachloro-m-xy	0.04957	2.02e+06	-0.9	10.37 - 10.47
16.36	BB	18615	Hept. epoxide	9.26e-04	3742.70	-98.1	16.31 - 16.41
16.90	BB	62834	gamma chlordane	0.00163	13350.18	-96.7	16.85 - 16.95
17.28	BB	6560	Endosulfan I	5.45e-04	1456.74	-98.9	17.23 - 17.33
19.73	BB	13735	Endrin aldehyde	3.52e-04	4412.20	-99.3	19.68 - 19.78
21.58	BB	5773	Endrin ketone	0.00147	1036.34	-97.1	21.53 - 21.63
24.93	BB	5295305	Decachlorobiphen	0.05414	970382.97	8.3	24.88 - 24.98
		11733052		0.10863	3.01e+06		

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	12.174
gamma-BHC	13.124
delta-BHC	14.085
Heptachlor	14.259
Aldrin	15.054
alpha chlordane	17.166
4,4'-DDE	17.517
Dieldrin	17.916
Endrin	18.596
4,4'-DDD	18.786
Endosulfan II	19.052
4,4'-DDT	19.476
Endo. Sulfate	20.383
Methoxychlor	20.917

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 RSYB

Sample Name : ICM3PP
File Name : H:\TURBO6\6890-06\6b15092.raw
Date : 07/17/2008 07:24:28
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV
Sample #: 0.05
Page 1 of 1
Time of Injection: 07/16/2008 10:35:01
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2510.00 mV
Plot Scale: 2500.0 mV



```

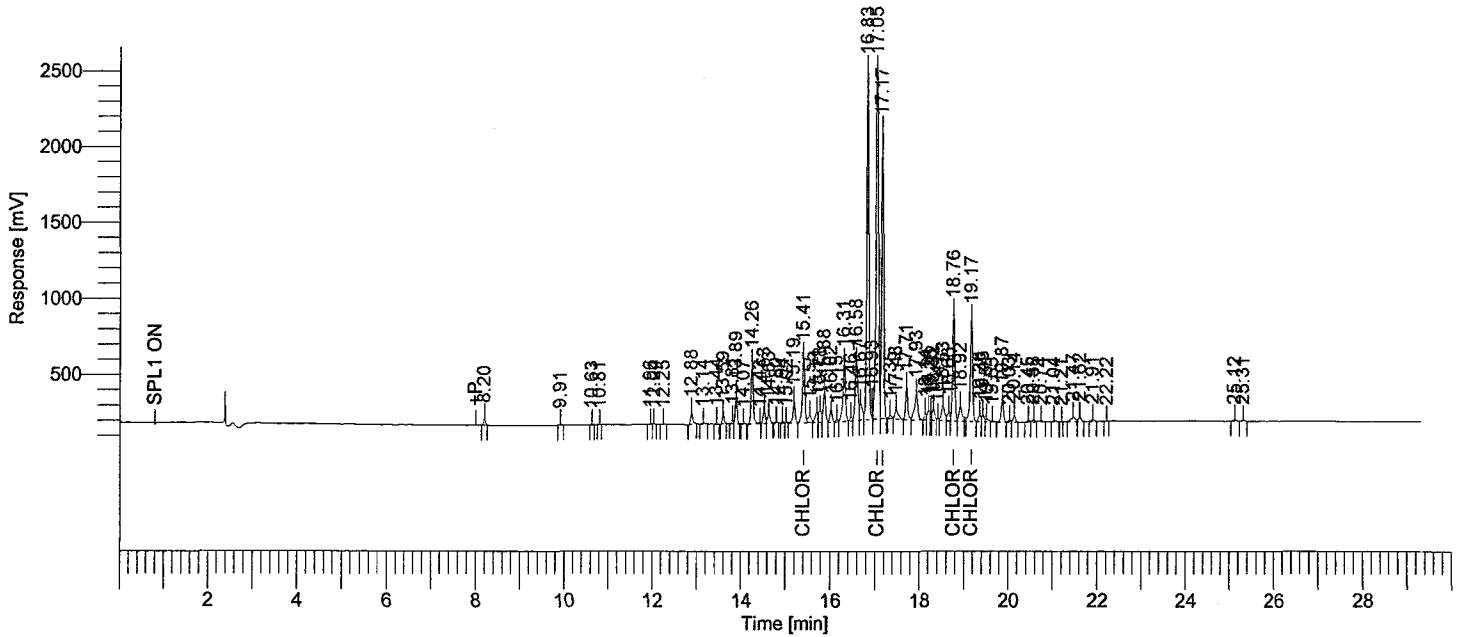
Software Version : 6.2.1.0.104:0104
Operator : tchrom
Sample Number : 0.5
AutoSampler : BUILT-IN
Instrument Name : HP6890-06
Instrument Serial # : None
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 07/16/2008 11:08:54

Date : 07/17/2008 07:41:12
Sample Name : ICM11QG
Study :
Rack/Vial : 1/93
Channel : B
A/D mV Range : 1000
End Time : 29.32 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 4
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b15093.raw <Modified>
Result File : H:\TURBO6\6890-06\6b15093.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15093.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15093.rst
Calib Method : h:\turbo6\6890-06\6b-chlordane(07-07-08).mth from H:\TURBO6\6890-06\6b15093.rst
Report Format File : h:\turbo6\6890-06\06pcb%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-15.seq
    
```



HP6890-06 "A" RTXCLP I/"B" RTXCLP II

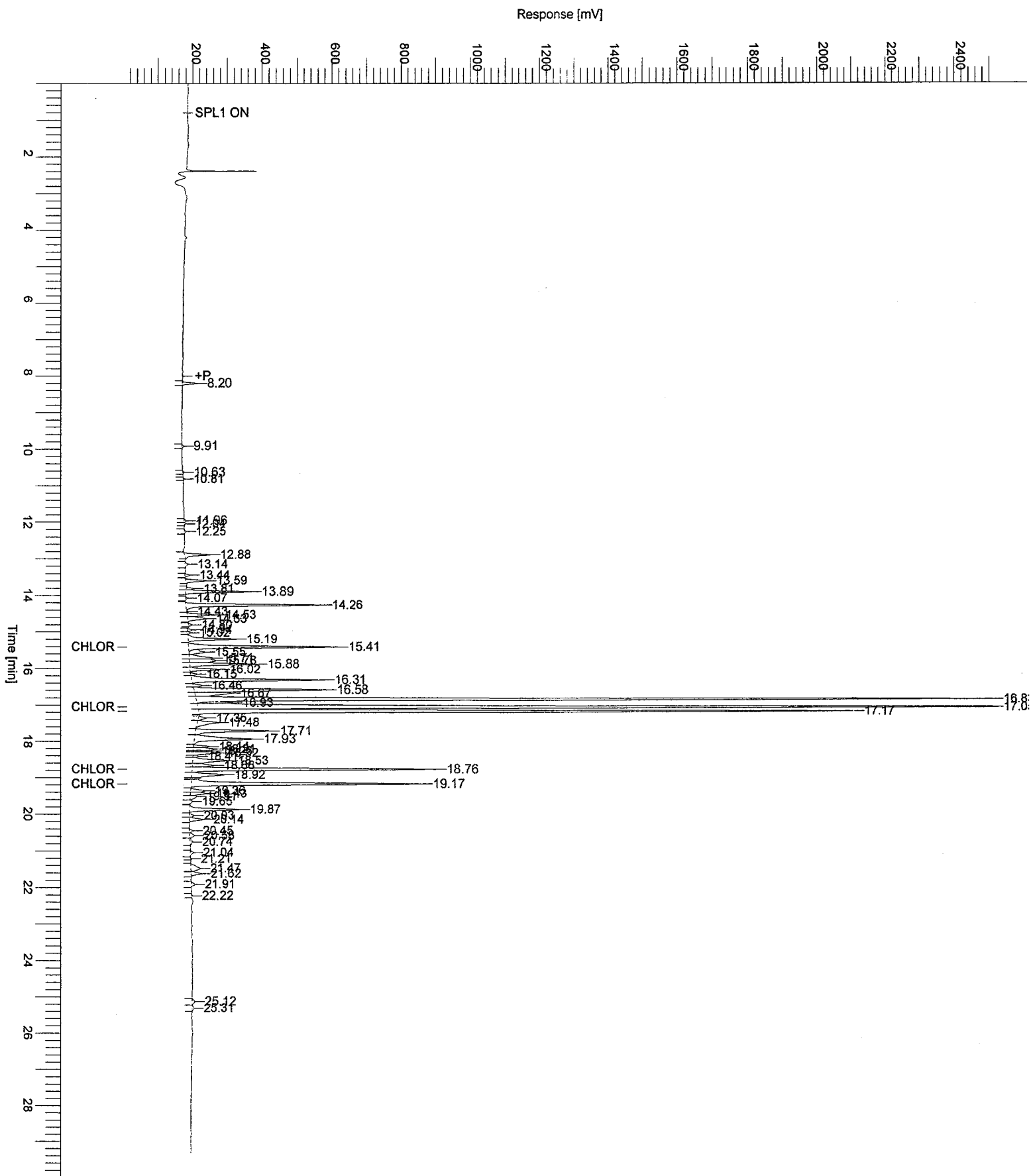
Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
17.05	22498577	CHLORDANE	0.46060	-7.9	5
	22498577		0.46060	-7.9	

Group Report For : CHLORDANE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
15.41	1620083	chlordane: A	0.46704	-6.6	0
17.05	9335223	chlordane: B	0.46010	-8.0	0
17.17	6394804	chlordane: C	0.45369	-9.3	0
18.76	2522208	chlordane: D	0.46645	-6.7	0
19.17	2626259	chlordane: E	0.47006	-6.0	0
	22498577		2.31734	-36.5	

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DWB

Sample Name : ICM11QG Sample #: 0.5 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b15093.raw
Date : 07/17/2008 07:41:12
Method : 6890-6ins Time of Injection: 07/16/2008 11:08:54
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2510.00 mV
Plot Offset: 10.00 mV Plot Scale: 2500.0 mV



```

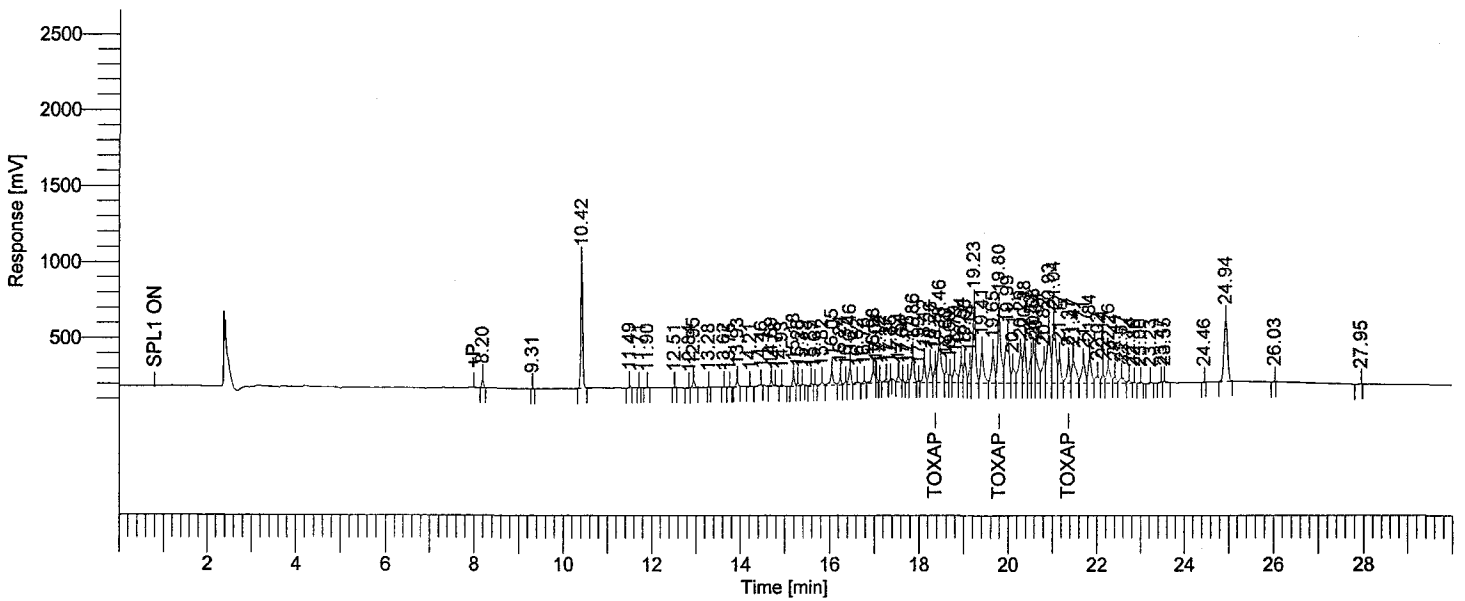
Software Version   : 6.2.1.0.104:0104
Operator          : tchrom
Sample Number     : 0.5
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-06
Instrument Serial # : None
Delay Time       : 0.00 min
Sampling Rate    : 5.0000 pts/s
Sample Volume    : 1.000000 ul
Sample Amount    : 1.0000
Data Acquisition Time : 07/16/2008 11:41:59

Date              : 07/17/2008 07:41:15
Sample Name      : ICM14QG
Study           :
Rack/Vial       : 1/94
Channel        : B
A/D mV Range   : 1000
End Time       : 29.98 min

Area Reject     : 8000.000000
Dilution Factor : 1.00
Cycle          : 5
    
```

```

Raw Data File : H:\TURBO6\6890-06\6b15094.raw <Modified>
Result File   : H:\TURBO6\6890-06\6b15094.rst
Inst Method  : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15094.raw
Proc Method  : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15094.rst
Calib Method : h:\turbo6\6890-06\6b-toxaphene(03-24-08)3.mth from H:\TURBO6\6890-06\6b15094.rst
Report Format File: h:\turbo6\6890-06\06pcb%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-15.seq
    
```



HP6890-06 "A" RTXCLP I/"B" RTXCLP II

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
19.80	3557853	TOXAPHENE	0.52566	5.1	3
	3557853		0.52566	5.1	

Group Report For : TOXAPHENE

Ret Time [min]	Area [uV-sec]	Component Name	NG CONCENTRATION	%D 0.5ng	# of Peaks
18.37	369892	Toxaphene-a	0.30001	-40.0	0
19.80	2525324	Toxaphene-b	0.76319	52.6	0
21.37	662637	Toxaphene-c	0.31475	-37.0	0
	3557853		1.37795	-24.4	

7-17-08
SJB

Sample Name : ICM14QG

Sample #: 0.5

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15094.raw

Date : 07/17/2008 07:41:15

Method : 6890-6ins

Time of Injection: 07/16/2008 11:41:59

Start Time : 0.00 min

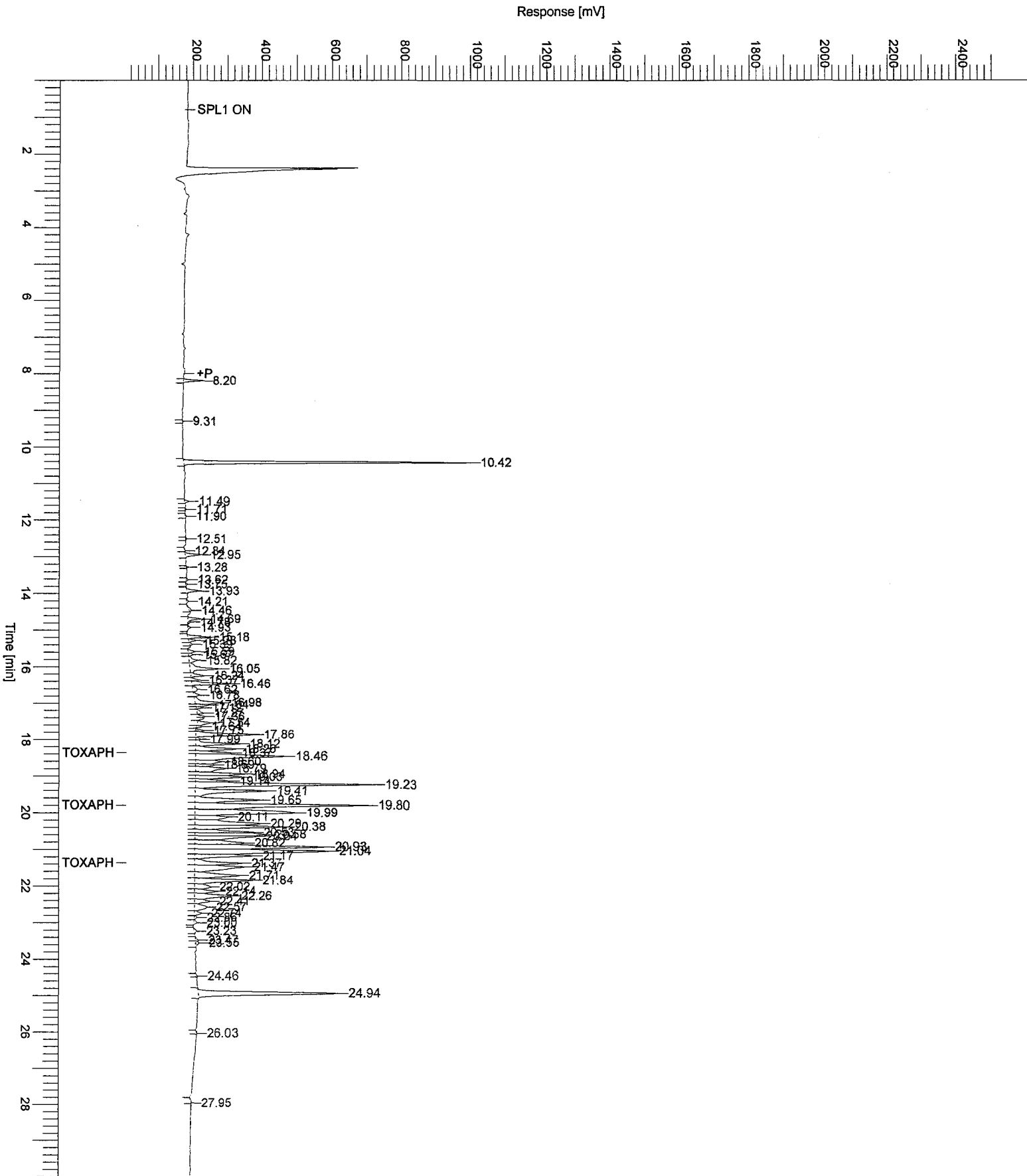
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

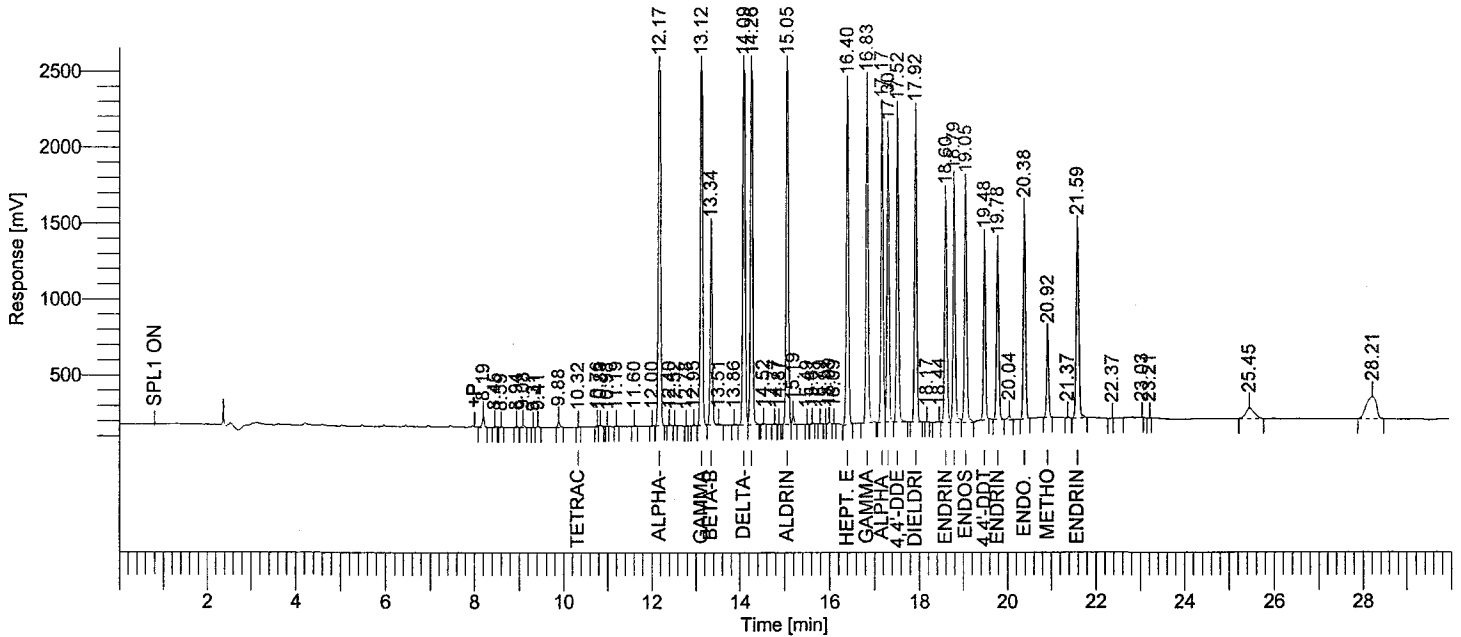
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76920
 Operator : tchom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 16:46:09

Date : 07/17/2008 07:25:38
 Sample Name : ICM25WU
 Study : CCV
 Rack/Vial : 1/3
 Channel : B
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 14

Raw Data File : H:\TURBO6\6890-06\6b15103.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15103.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15103.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15103.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15103.rst
 Report Format File: h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
10.32	BB	22686	Tetrachloro m xy	0.25e-04	8842.38	98.2	10.27 - 10.37
12.17	BB	11237176	alpha-BHC	0.05498	3.61e+06	10.0	12.12 - 12.22
13.12	BB	9834434	gamma-BHC	0.05548	3.10e+06	11.0	13.07 - 13.17
13.34	BE	4097639	beta-BHC	0.05730	1.26e+06	14.6	13.29 - 13.39
14.09	VV	9559080	delta-BHC	0.05569	2.91e+06	11.4	14.04 - 14.14
14.26	VB	9176113	Heptachlor	0.05446	2.82e+06	8.9	14.21 - 14.31
15.05	VV	8654268	Aldrin	0.05551	2.67e+06	11.0	15.00 - 15.10
16.40	BB	7400664	Hept. epoxide	0.05479	2.20e+06	9.6	16.35 - 16.45
16.83	BB	7521169	gamma chlordane	0.05533	2.21e+06	10.7	16.78 - 16.88
17.17	BV	6844834	alpha chlordane	0.05411	2.03e+06	8.2	17.12 - 17.22
17.30	VB	6435615	Endosulfan I	0.05419	1.88e+06	8.4	17.25 - 17.35
17.52	BB	6539675	4,4'-DDE	0.05406	2.01e+06	8.1	17.47 - 17.57
17.92	BB	6853333	Dieldrin	0.05359	2.00e+06	7.2	17.87 - 17.97
18.60	VV	5284303	Endrin	0.04993	1.46e+06	-0.1	18.55 - 18.65
18.79	VV	5506463	4,4'-DDD	0.05466	1.56e+06	9.3	18.74 - 18.84
19.05	VB	5690159	Endosulfan II	0.05662	1.53e+06	13.2	19.00 - 19.10
19.48	BB	3881420	4,4'-DDT	0.04886	1.15e+06	-2.3	19.43 - 19.53
19.78	BV	4066545	Endrin aldehyde	0.05462	1.11e+06	9.2	19.73 - 19.83
20.38	BB	4861703	Endo. Sulfate	0.05377	1.35e+06	7.5	20.33 - 20.43
20.92	BB	1750475	Methoxychlor	0.04618	517038.14	-7.6	20.87 - 20.97
21.59	BB	5119450	Endrin ketone	0.05429	1.23e+06	8.6	21.54 - 21.64
		1e+08		1.07935	3.86e+07		

7-17-08
 JJB

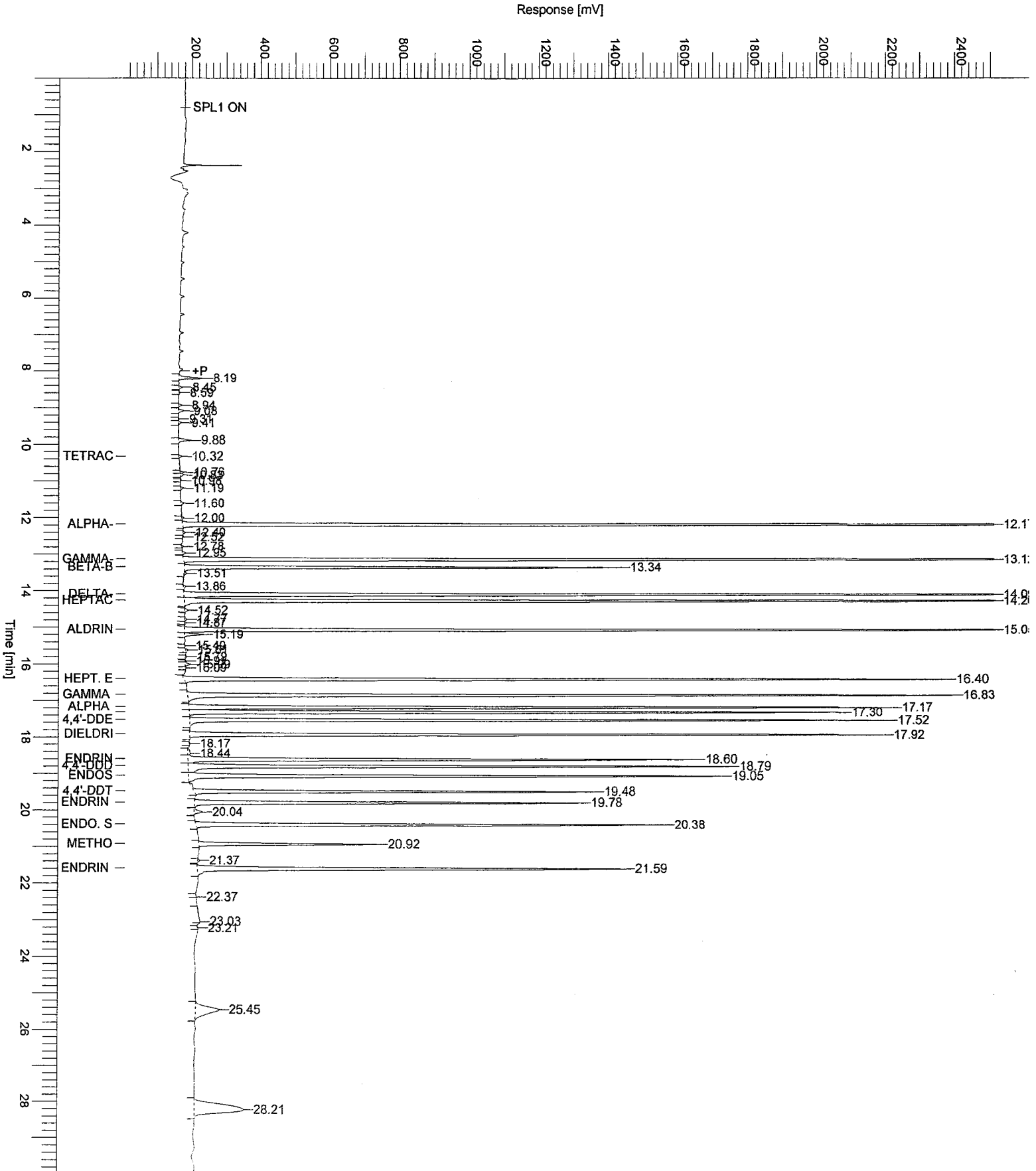
Sample Name : ICM25WU
FileName : H:\TURBO6\6890-06\6b15103.raw
Date : 07/17/2008 07:25:39

Sample #: 0.05

Page 1 of 1

Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

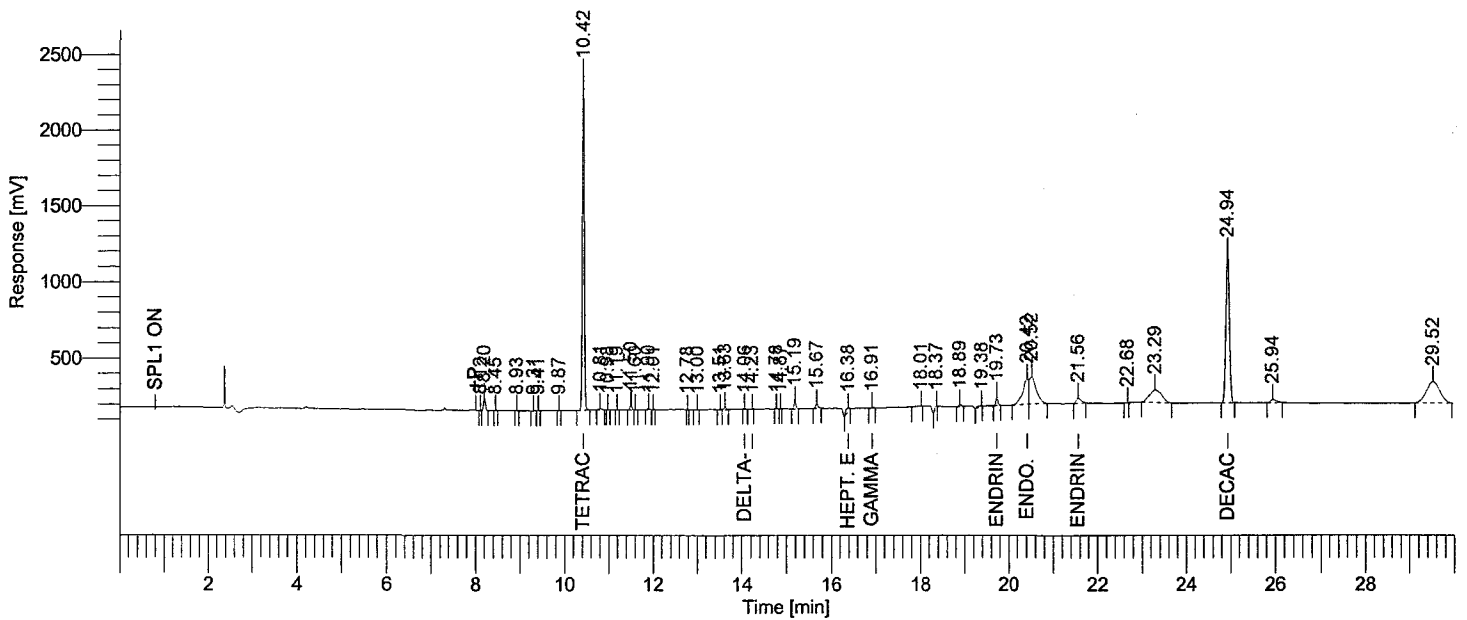
Time of Injection: 07/16/2008 16:46:09
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2510.00 mV
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76922
 Operator : tchrom
 Sample Number : 0.05
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 17:19:56

Date : 07/17/2008 07:25:42
 Sample Name : ICM3PP
 Study : CCV
 Rack/Vial : 1/4
 Channel : B
 A/D mV Range : 1000
 End Time : 29.96 min
 Area Reject : 3000.000000
 Dilution Factor : 1.00
 Cycle : 15

Raw Data File : H:\TURBO6\6890-06\6b15104.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15104.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15104.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15104.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15104.rst
 Report Format File: h:\turbo6\6890-06\06%d.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [uV]	%D 0.05ng	RT Window - Relative
10.42	BB	6948353	Tetrachloro-m-xy	0.05434	2.21e+06	8.7	10.37 - 10.47
14.06	BB	13093	delta-BHC	0.00177	3712.98	-96.5	14.01 - 14.11
14.23	BB	6758	Heptachlor	0.00155	1023.43	-96.9	14.18 - 14.28
16.38	BB	148761	Hept. epoxide	0.00188	20910.89	-96.2	16.33 - 16.43
16.91	BB	19805	gamma chlordane	0.00132	4637.43	-97.4	16.86 - 16.96
19.73	BB	179171	Endrin aldehyde	0.00257	54485.25	-94.9	19.68 - 19.78
20.42	BV	1515766	Endo. Sulfate	0.01727	163840.65	-65.5	20.37 - 20.47
21.56	BB	245987	Endrin ketone	0.00395	34420.87	-92.1	21.51 - 21.61
24.94	BB	5368284	Decachlorobiphen	0.05489	982780.21	9.8	24.89 - 24.99
				0.13952	3.48e+06		

7-17-08
 DUB

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	12.174
gamma-BHC	13.124
beta-BHC	13.340
Aldrin	15.054
alpha chlordane	17.166
Endosulfan I	17.300
4,4'-DDE	17.517

Sample Name : ICM3PP

Sample #: 0.05

Page 1 of 1

FileName : H:\TURBO6\6890-06\6b15104.raw

Date : 07/17/2008 07:25:43

Method : 6890-6ins

Time of Injection: 07/16/2008 17:19:56

Start Time : 0.00 min

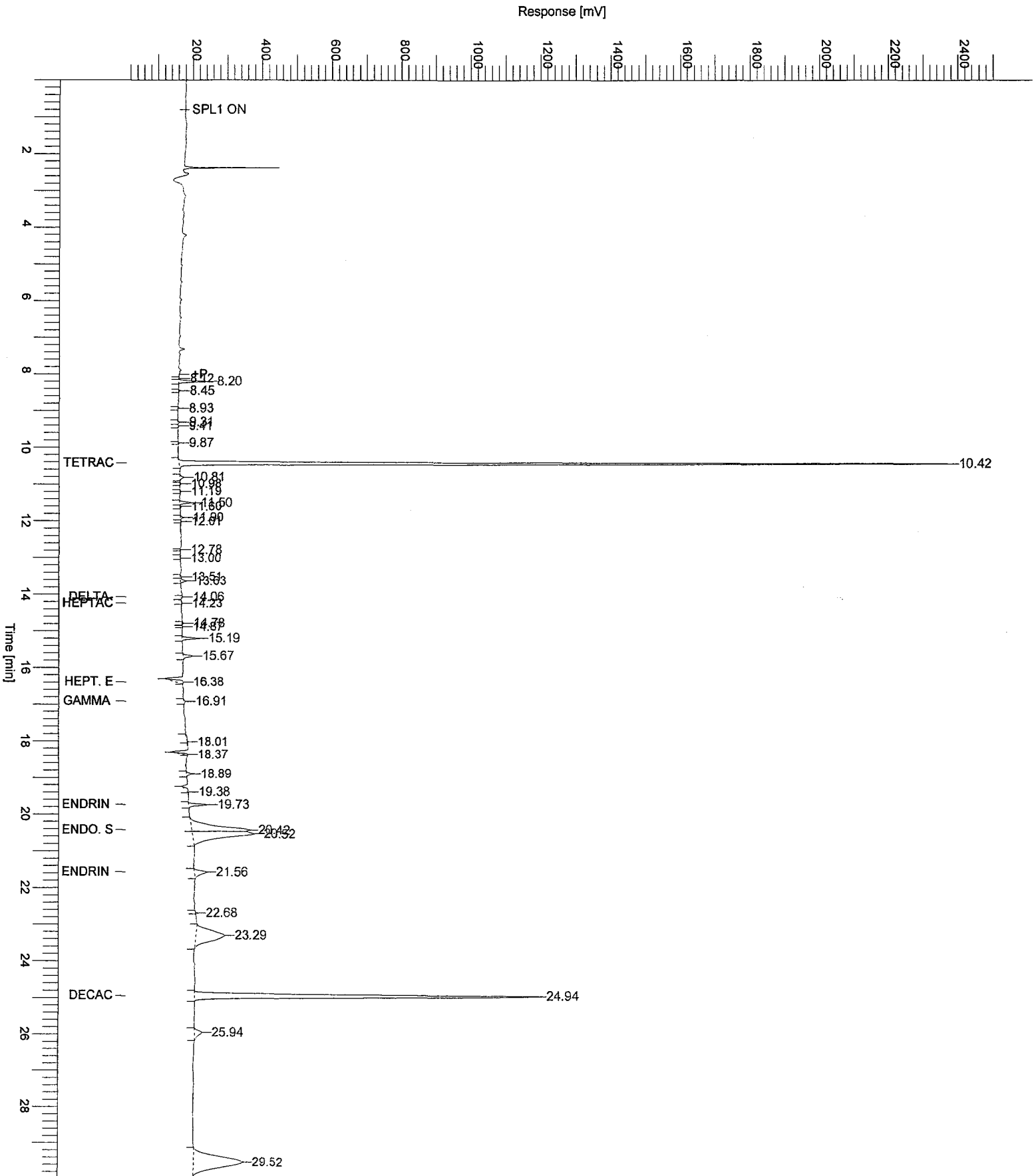
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2510.00 mV

Plot Offset: 10.00 mV

Plot Scale: 2500.0 mV



Raw QC Data

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1804603Sample wt/vol: 30.64 (g/mL) G Lab File ID: 5B10148.TX0% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

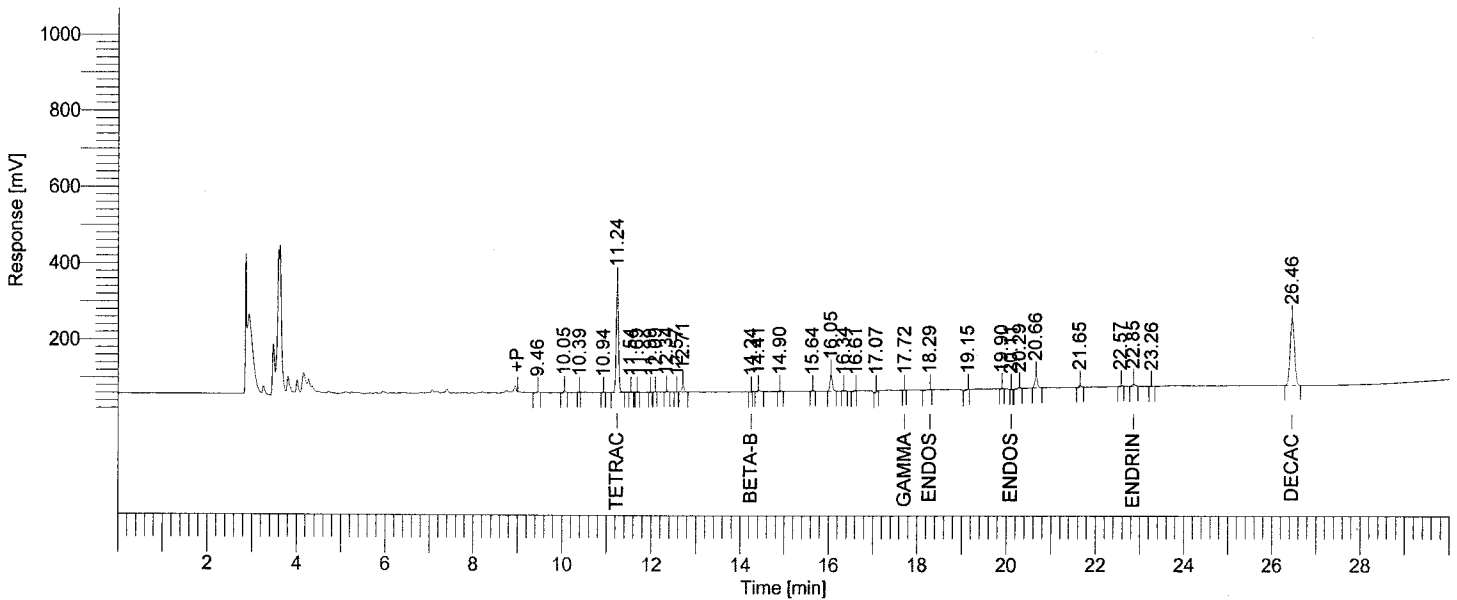
(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	1.6	U
319-84-6-----	alpha-BHC	1.6	U
319-85-7-----	beta-BHC	1.6	U
58-89-9-----	gamma-BHC (Lindane)	1.6	U
319-86-8-----	delta-BHC	1.6	U
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	1.6	U
72-55-9-----	4,4'-DDE	1.6	U
50-29-3-----	4,4'-DDT	1.6	U
60-57-1-----	Dieldrin	1.6	U
959-98-8-----	Endosulfan I	1.6	U
33213-65-9----	Endosulfan II	1.6	U
1031-07-8-----	Endosulfan Sulfate	1.6	U
72-20-8-----	Endrin	1.6	U
7421-93-4-----	Endrin aldehyde	1.6	U
76-44-8-----	Heptachlor	1.6	U
1024-57-3-----	Heptachlor epoxide	1.6	U
72-43-5-----	Methoxychlor	1.6	U
8001-35-2-----	Toxaphene	16	U

Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 15:35:39
 Reprocess Number : buf2048: 75058
 Operator : tchrom Sample Name : AS80007588
 Sample Number : A8B1804603 Study : STA00201
 AutoSampler : BUILT-IN Rack/Vial : 1/48
 Instrument Name : HP6890-05 Channel : B
 Instrument Serial # : CN10520009 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 30.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/02/2008 14:12:09 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5b10148.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10148.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10148.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10148.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10148.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

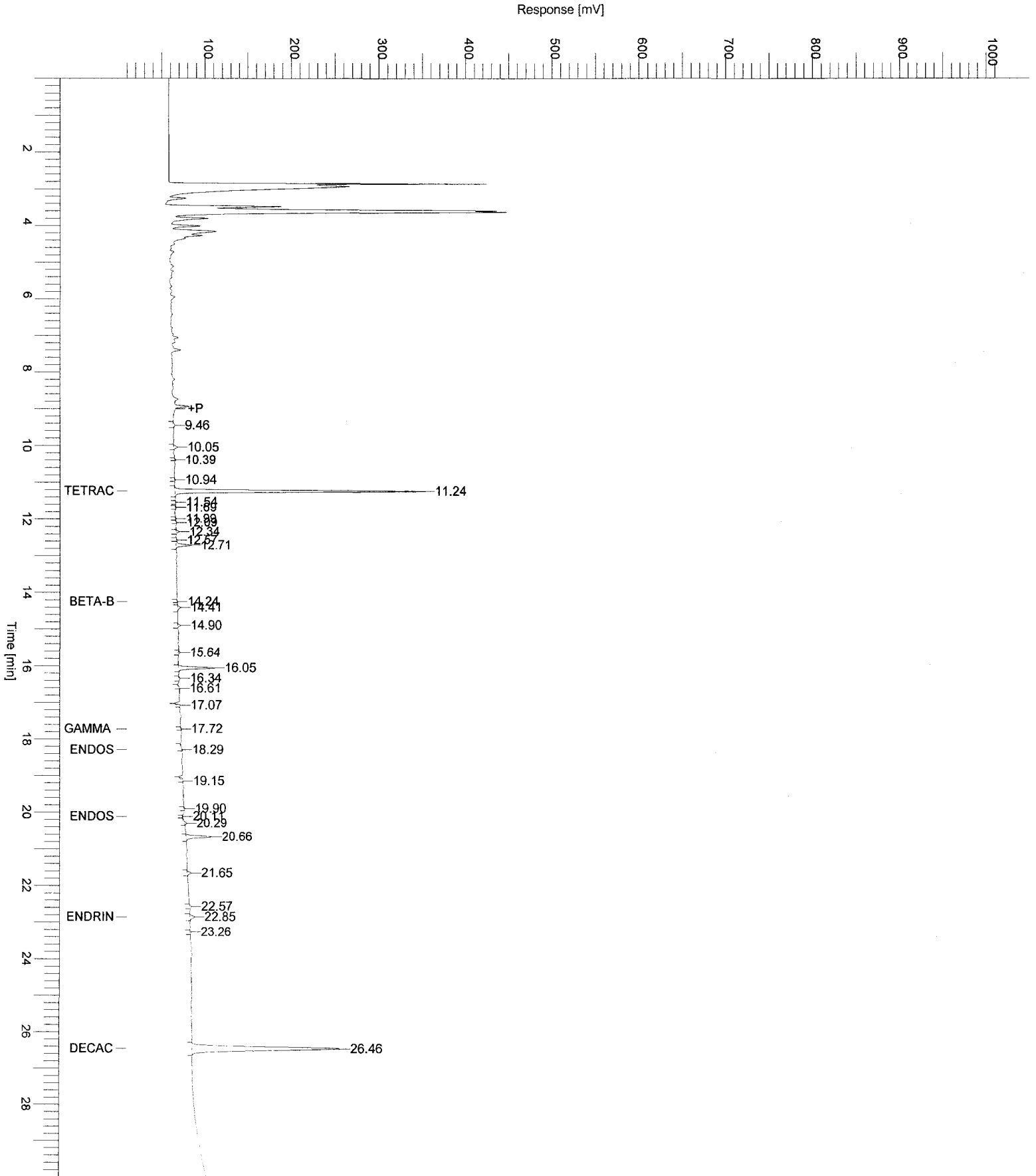
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.46	9168		B	0.00917	1942.80
2	10.05	16175		B	0.01618	4174.46
3	10.39	1032		B	0.00103	433.72
4	10.94	1929		B	0.00193	662.93
5	11.24	1012596	Tetrachloro-m-xylene	B	0.01576	287809.09
6	11.54	2147		B	0.00215	693.13
7	11.69	3009		B	0.00301	969.85
8	11.99	1685		B	0.00169	690.43
9	12.09	2484		B	0.00248	852.35
10	12.34	11904		B	0.01190	3756.92
11	12.57	4178		B	0.00418	1255.53
12	12.71	67211		V	0.06721	17534.06
13	14.24	1107	beta-BHC	B	-8.5e-04	369.93
14	14.41	14953		B	0.01495	3400.01
15	14.90	10699		B	0.01070	3147.09
16	15.64	5972		B	0.00597	1800.98

7-15-08
JWB

07/02/2008 15:35:39 Result: H:\TURBO6\6890-05\5b10148.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	16.05	154590		B	0.15459	42079.50
18	16.34	5767		B	0.00577	1465.27
19	16.61	4346		B	0.00435	461.49
20	17.07	13432		B	0.01343	4049.24
22	18.29	5083	Endosulfan I	B	7.79e-05	573.21
23	19.15	11776		B	0.01178	774.37
24	19.90	3240		B	0.00324	926.13
25	20.11	1314	Endosulfan II	B	-6.9e-04	646.61
26	20.29	12647		B	0.01265	2588.21
27	20.66	116472		B	0.11647	30076.04
28	21.65	17102		B	0.01710	4586.16
29	22.57	5976		B	0.00598	1654.07
30	22.85	25948	Endrin ketone <i>wrong RT</i>	B	5.92e-04	5364.90
31	23.26	4323		B	0.00432	1135.24
32	26.46	1164551	Decachlorobiphenyl	B	0.01825	171046.98
		2712816			0.53535	596920.71

Sample Name : AS80007588 Sample #: A8B1804603 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10148.raw
Date : 07/02/2008 15:35:40
Method : 6890-5ins Time of Injection: 07/02/2008 14:12:09
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75057
 Operator : tchrom
 Sample Number : A8B1804603
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 14:12:09

Date : 07/02/2008 15:35:35
 Sample Name : AS80007588
 Study : STA00201
 Rack/Vial : 1/48
 Channel : A
 A/D mV Range : 1000
 End Time : 30.00 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5a10148.raw <Modified>

Result File : H:\TURBO6\6890-05\5a10148.rst

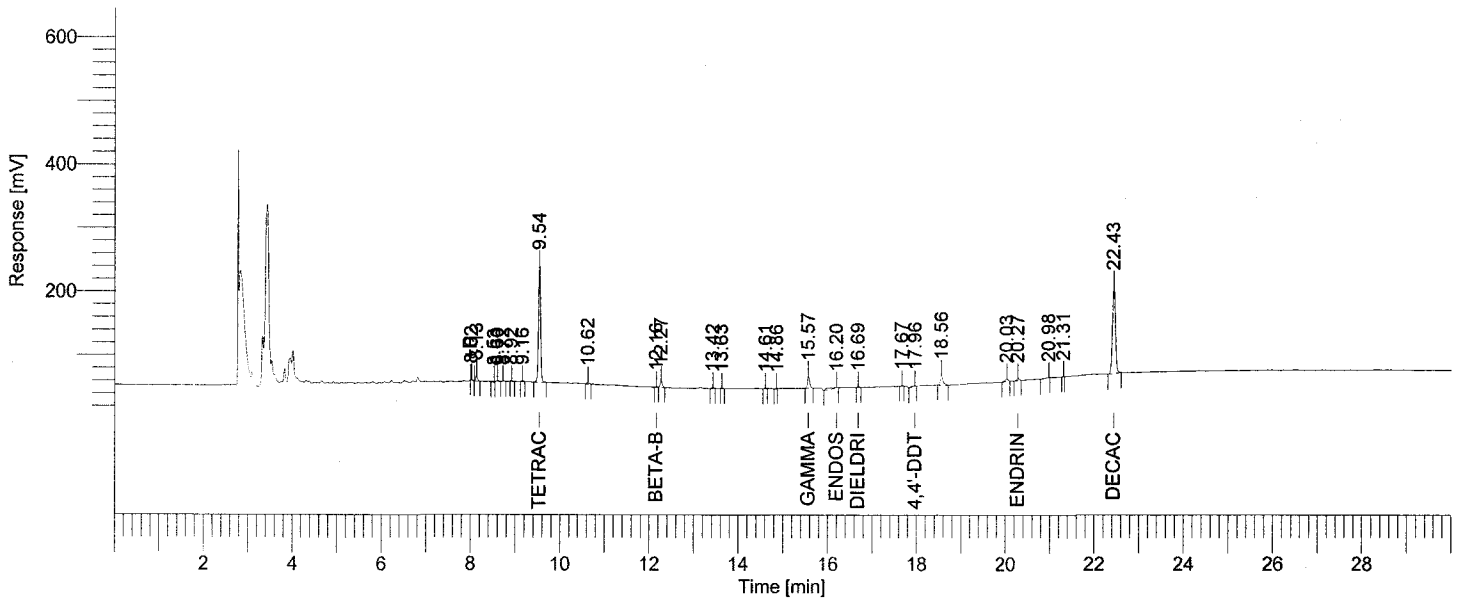
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10148.raw

Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10148.rst

Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10148.rst

Report Format File: h:\turbo6\6890-05\05samp.rpt

Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.02	3494		B	0.00349	1366.67
2	8.13	23014		B	0.02301	8205.36
3	8.53	2478		B	0.00248	671.49
4	8.60	7518		V	0.00752	1711.54
5	8.72	3932		V	0.00393	1183.42
6	8.92	2625		B	0.00262	918.53
7	9.16	4598		B	0.00460	1700.48
8	9.54	597647	Tetrachloro-m-xylene	B	0.01997	182989.29
9	10.62	10041		B	0.01004	2887.95
10	12.16	3922	beta-BHC	B	0.00115	1043.64
11	12.27	31519		V	0.03152	9401.72
12	13.42	3677		B	0.00368	1038.52
13	13.63	2119		B	0.00212	799.20
14	14.61	2929		B	0.00293	885.31
15	14.86	1491		B	0.00149	438.93
16	15.57	66833	gamma-chlordane	B	0.00229	18250.62

07/02/2008 15:35:35 Result: H:\TURBO6\6890-05\5a10148.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	16.20	31161	Endosulfan-I	B	-1.9e-04	1022.49
18	16.69	2248	Dieldrin	B	0.00122	725.04
19	17.67	2544		B	0.00254	844.55
20	17.96	9801	4,4'-DDT	B	0.00548	613.99
21	18.56	67629		B	0.06763	15101.88
22	20.03	16747		B	0.01675	3833.53
23	20.27	12270	Endrin ketone	B	4.08e-04	3036.85
24	20.98	3536		B	0.00354	457.22
25	21.31	1001		B	0.00100	381.88
26	22.43	638610	Decachlorobiphenyl	B	0.01913	137589.71
		1553384			0.24034	397099.78

Sample Name : AS80007588

Sample # : A8B1804603

Page 1 of 1

FileName : H:\TURBO6\6890-05\5a10148.raw

Date : 07/02/2008 15:35:37

Method : 6890-5ins

Time of Injection: 07/02/2008 14:12:09

Start Time : 0.00 min

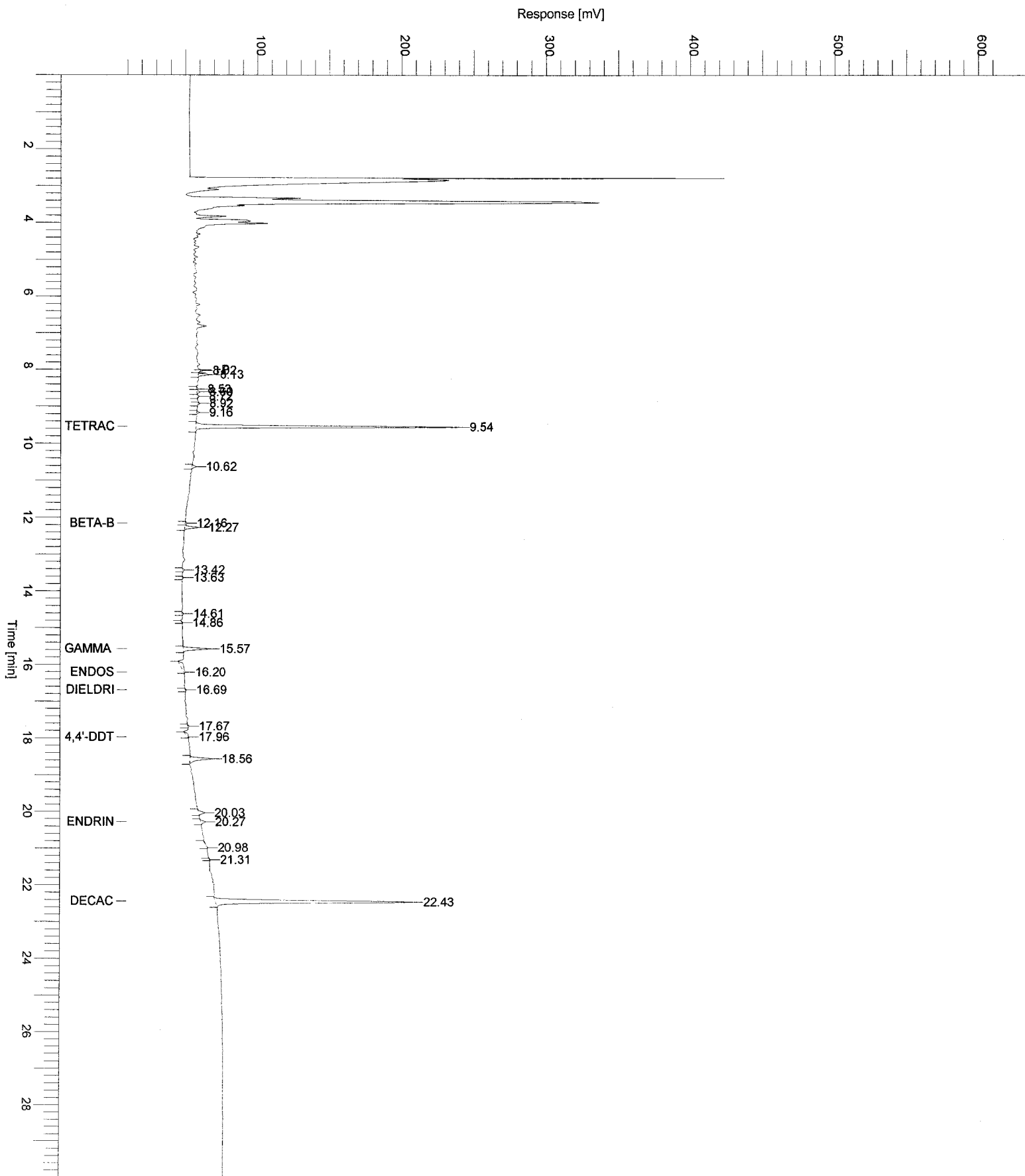
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 610.00 mV

Plot Offset: 10.00 mV

Plot Scale: 600.0 mV



LABELLA ASSOCIATES
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 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807803Sample wt/vol: 30.30 (g/mL) G Lab File ID: 5B10145.TX0% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

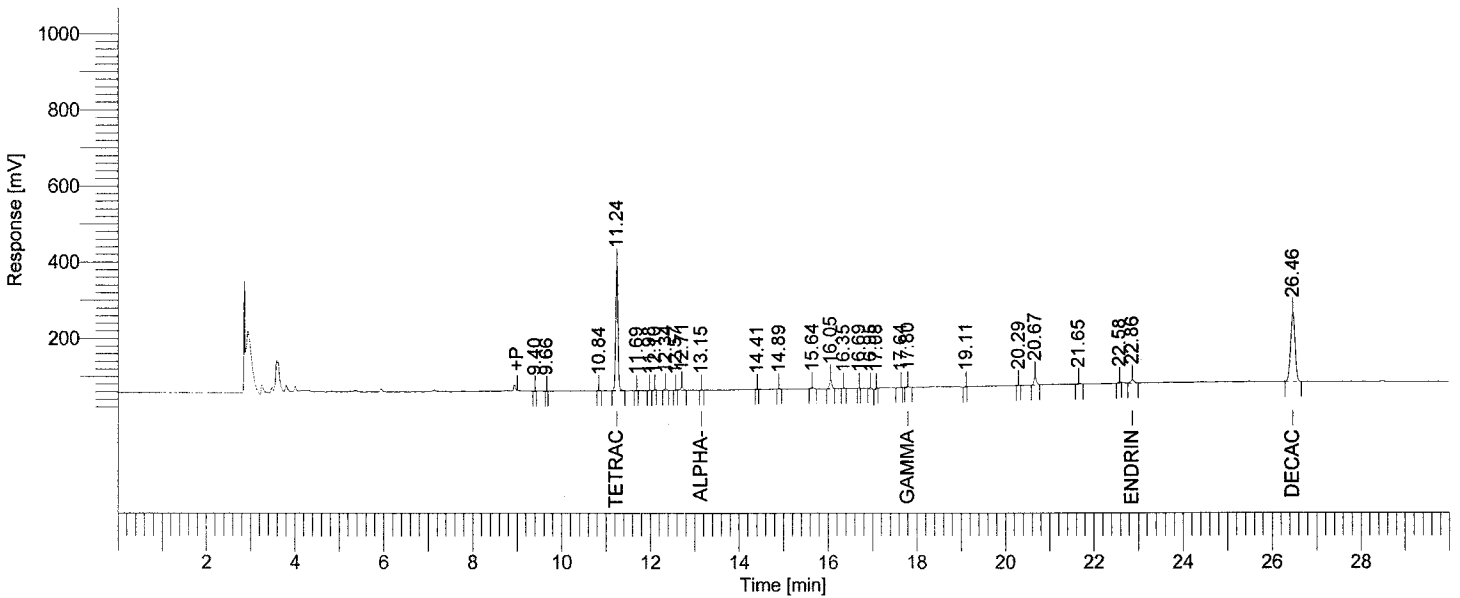
Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	1.6	U
319-84-6-----	alpha-BHC	1.6	U
319-85-7-----	beta-BHC	1.6	U
58-89-9-----	gamma-BHC (Lindane)	1.6	U
319-86-8-----	delta-BHC	1.6	U
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	1.6	U
72-55-9-----	4,4'-DDE	1.6	U
50-29-3-----	4,4'-DDT	1.6	U
60-57-1-----	Dieldrin	1.6	U
959-98-8-----	Endosulfan I	1.6	U
33213-65-9----	Endosulfan II	1.6	U
1031-07-8----	Endosulfan Sulfate	1.6	U
72-20-8-----	Endrin	1.6	U
7421-93-4----	Endrin aldehyde	1.6	U
76-44-8-----	Heptachlor	1.6	U
1024-57-3----	Heptachlor epoxide	1.6	U
72-43-5-----	Methoxychlor	1.6	U
8001-35-2----	Toxaphene	16	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75038
 Operator : tchrom
 Sample Number : A8B1807803
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 12:23:21

Date : 07/02/2008 13:16:18
 Sample Name : AS80007651
 Study : STA00201
 Rack/Vial : 1/45
 Channel : B
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5b10145.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10145.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10145.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10145.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10145.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

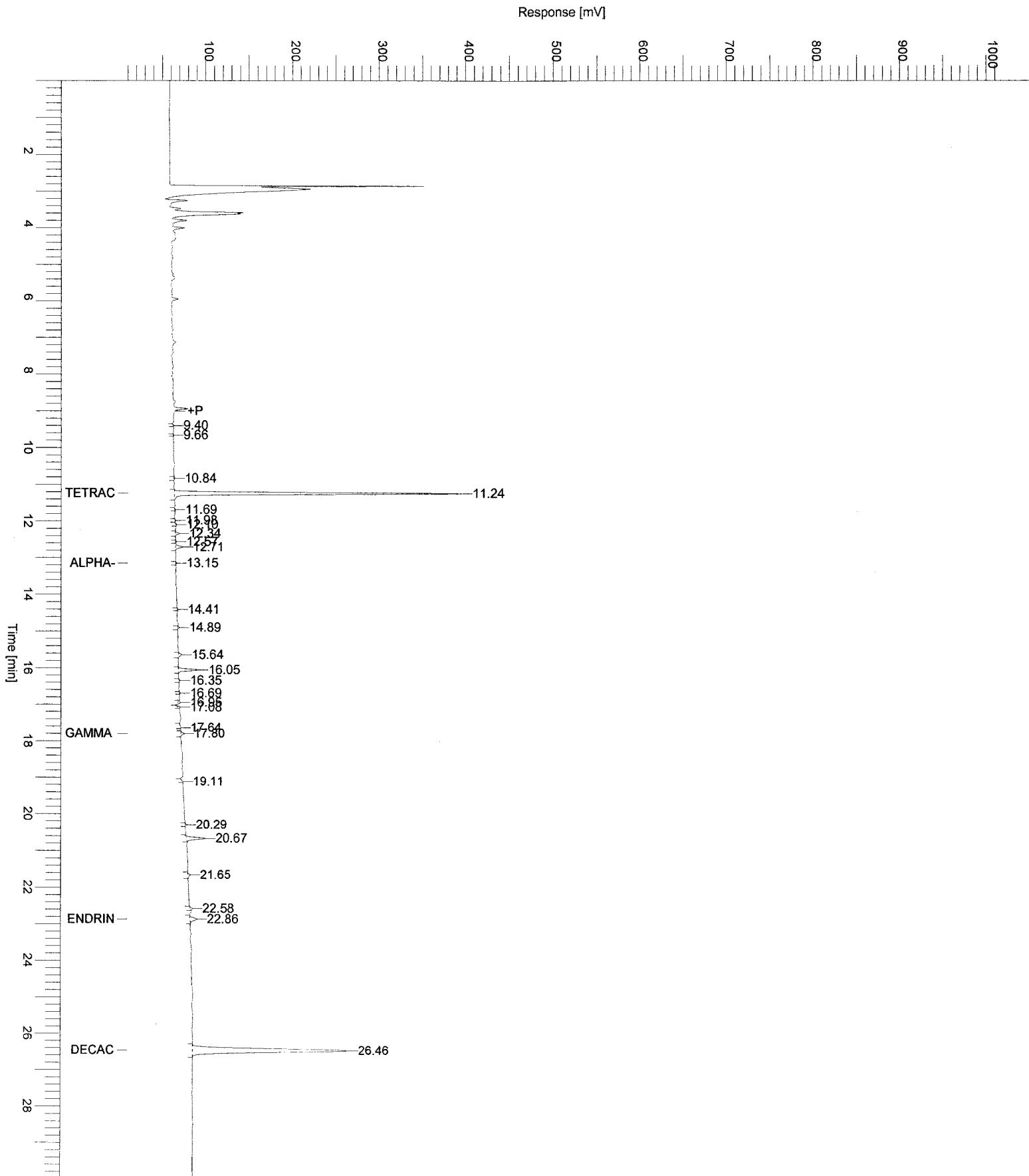
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.40	1653		B	0.00165	531.43
3	10.84	2605		B	0.00260	820.22
4	11.24	1175464	Tetrachloro-m-xylene	B	0.01821	332509.34
5	11.69	2040		B	0.00204	678.37
6	11.98	2455		B	0.00246	895.34
7	12.10	2956		B	0.00296	903.37
8	12.34	14508		B	0.01451	4264.19
9	12.57	3303		B	0.00330	948.10
10	12.71	34709		V	0.03471	8908.30
11	13.15	2742	alpha-BHC	B	0.00116	942.97
12	14.41	1197		B	0.00120	440.20
13	14.89	4946		B	0.00495	1725.01
14	15.64	14387		B	0.01439	3617.29
15	16.05	83489		B	0.08349	23007.91
16	16.35	3847		B	0.00385	1245.24
17	16.69	1392		B	0.00139	571.02

7-16-08
 DGB

07/02/2008 13:16:18 Result: H:\TURBO6\6890-05\5b10145.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	16.95	14458		B	0.01446	2976.67
19	17.08	8127		B	0.00813	2505.69
20	17.64	2393		B	0.00239	281.33
21	17.80	13544	gamma chlordane	B	4.64e-04	3491.43
22	19.11	4246		B	0.00425	652.74
23	20.29	2984		B	0.00298	948.09
24	20.67	84994		B	0.08499	21828.95
25	21.65	11869		B	0.01187	2747.97
26	22.58	7357		B	0.00736	2053.77
27	22.86	42018	Endrin ketone	B	8.79e-04	7774.43
28	26.46	1225527	Decachlorobiphenyl	B	0.01925	179586.27
					0.34988	606855.66
2769211						

Sample Name : AS80007651 Sample #: A8B1807803 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10145.raw
Date : 07/02/2008 13:16:19 Time of Injection: 07/02/2008 12:23:21
Method : 6890-5ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75037
 Operator : tchrom
 Sample Number : A8B1807803
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 12:23:21

Date : 07/02/2008 13:16:15
 Sample Name : AS80007651
 Study : STA00201
 Rack/Vial : 1/45
 Channel : A
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-05\5a10145.raw <Modified>

Result File : H:\TURBO6\6890-05\5a10145.rst

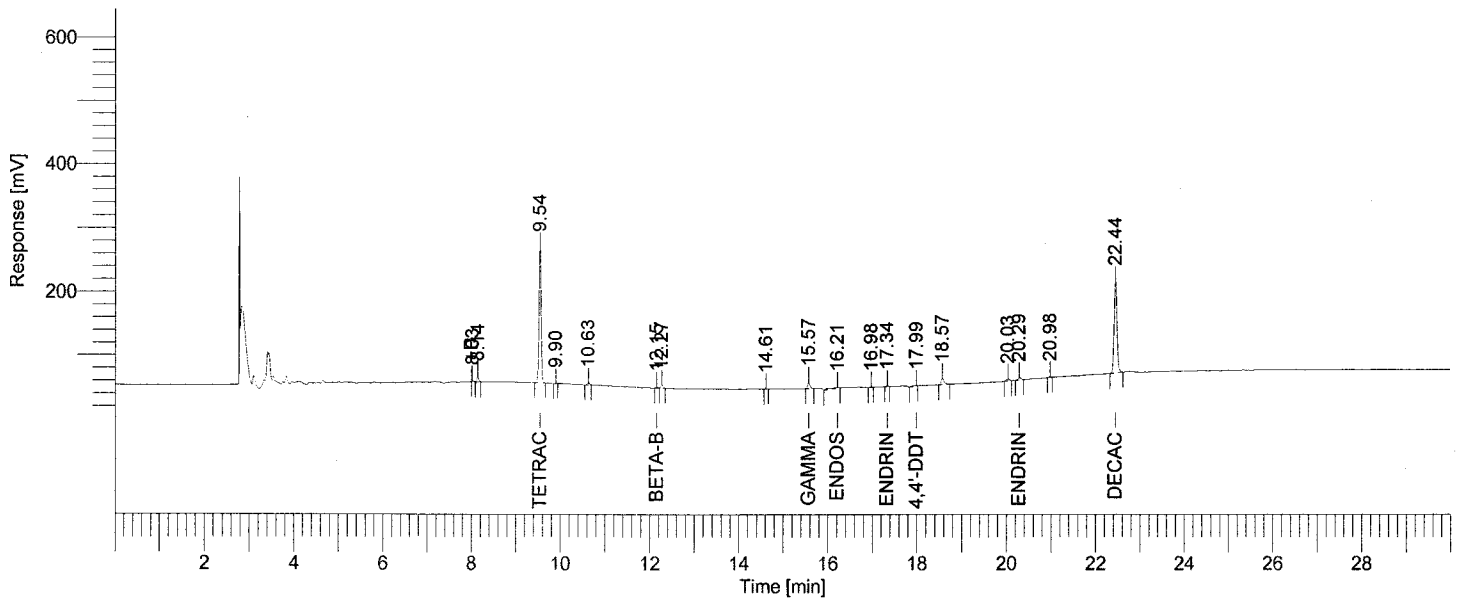
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10145.raw

Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10145.rst

Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10145.rst

Report Format File : h:\turbo6\6890-05\05samp.rpt

Sequence File : H:\TURBO6\6890-05\5D-10.seq



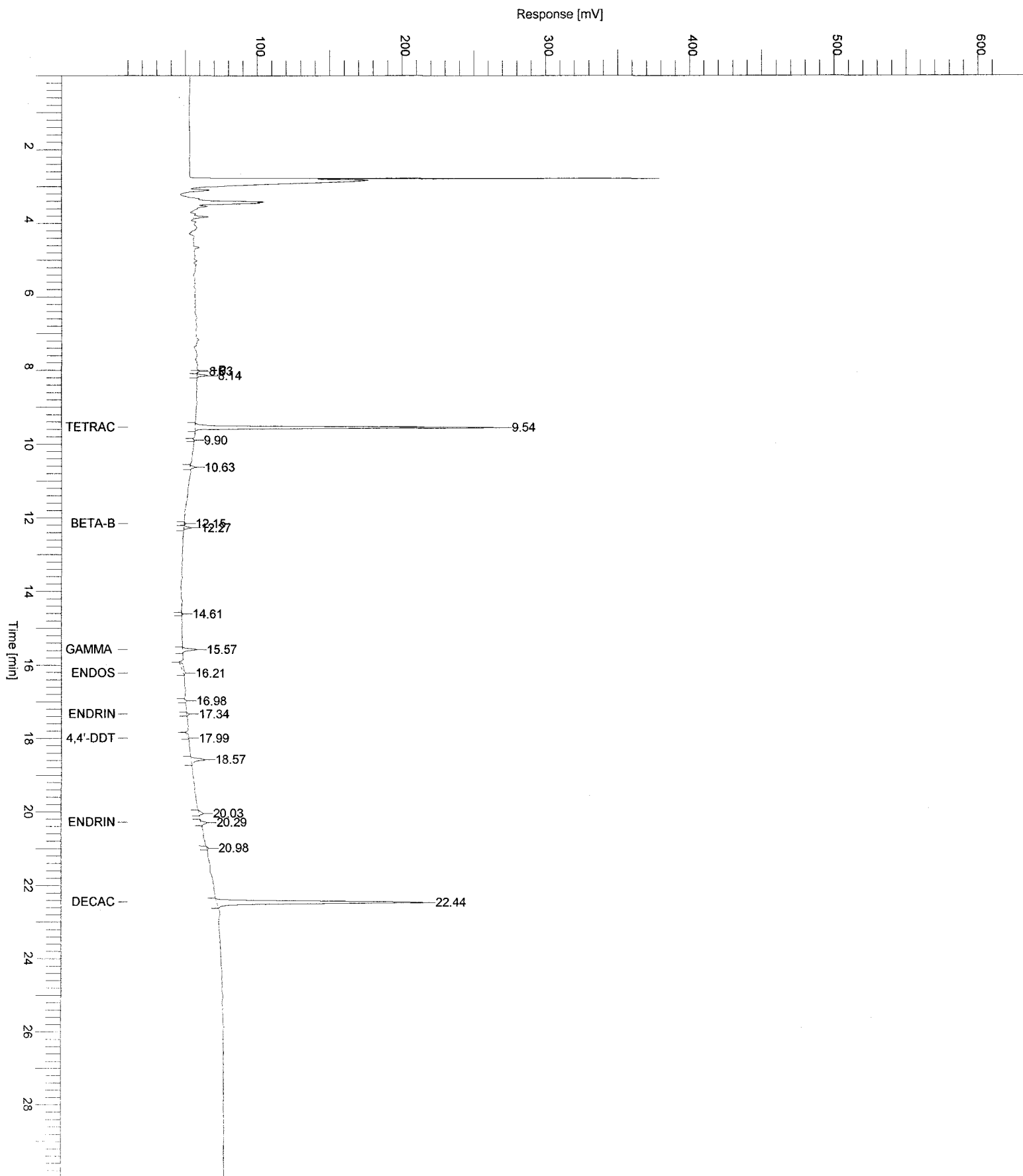
HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.03	2473		B	0.00247	881.82
2	8.14	21835		B	0.02184	7840.83
3	9.54	689193	Tetrachloro-m-xylene	B	0.02289	212833.19
4	9.90	1224		B	0.00122	331.42
5	10.63	11445		B	0.01145	3109.39
6	12.15	3131	beta-BFC	B	0.00110	962.62
7	12.27	15818		V	0.01582	4831.26
8	14.61	1964		B	0.00196	691.57
9	15.57	36503	gamma chlordane	B	0.00158	9898.43
10	16.21	28620	Endosulfan	B	-2.5e-04	1315.34
11	16.98	3852		B	0.00385	962.35
12	17.34	5051	Endrin	B	0.00232	1548.07
13	17.99	7759	4,4'-DDT	B	0.00541	356.90
14	18.57	45919		B	0.04592	9953.39

07/02/2008 13:16:15 Result: H:\TURBO6\6890-05\5a10145.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
15	20.03	13621		B	0.01362	2908.25
16	20.29	17141	Endrin ketone	B	5.40e-04	3931.12
17	20.98	3346		B	0.00335	1013.17
18	22.44	671373	Decachlorobiphenyl	B	0.02018	144338.07
		1580271			0.17526	407707.19

Sample Name : AS80007651 Sample #: A8B1807803 Page 1 of 1
File Name : H:\TURBO6\6890-05\5a10145.raw
Date : 07/02/2008 13:16:16
Method : 6890-5ins Time of Injection: 07/02/2008 12:23:21
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833802Sample wt/vol: 30.83 (g/mL) G Lab File ID: 6B15038.TX0% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/10/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KGQ

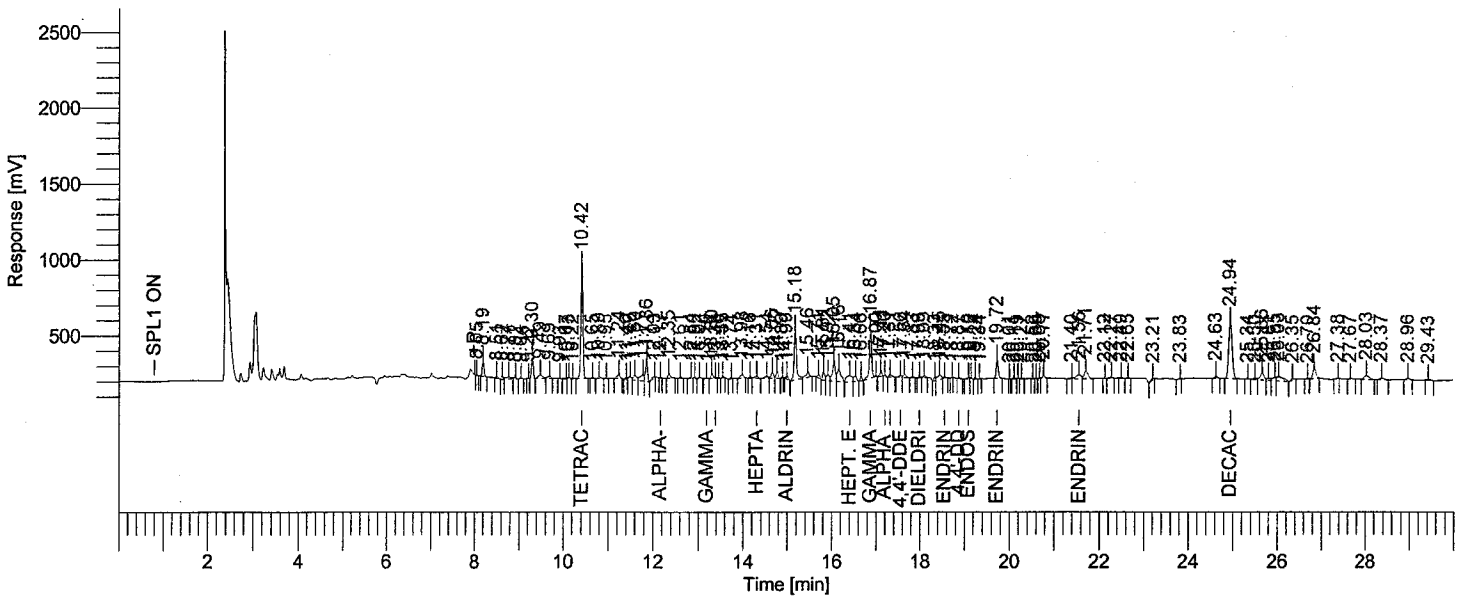
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
309-00-2-----	Aldrin	0.55	J
319-84-6-----	alpha-BHC	0.54	J
319-85-7-----	beta-BHC	1.6	U
58-89-9-----	gamma-BHC (Lindane)	1.6	U
319-86-8-----	delta-BHC	1.6	U
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	1.6	U
72-55-9-----	4,4'-DDE	0.78	J
50-29-3-----	4,4'-DDT	1.6	U
60-57-1-----	Dieldrin	1.6	U
959-98-8-----	Endosulfan I	0.36	J
33213-65-9---	Endosulfan II	1.6	U
1031-07-8----	Endosulfan Sulfate	1.6	U
72-20-8-----	Endrin	1.6	U
7421-93-4----	Endrin aldehyde	1.6	U
76-44-8-----	Heptachlor	1.6	U
1024-57-3----	Heptachlor epoxide	1.6	U
72-43-5-----	Methoxychlor	1.6	U
8001-35-2----	Toxaphene	16	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76606
 Operator : tchrom
 Sample Number : A8B1833802
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 17:19:43

Date : 07/11/2008 06:47:14
 Sample Name : AS80007806MBLK
 Study : CTA39612
 Rack/Vial : 1/38
 Channel : B
 A/D mV Range : 1000
 End Time : 29.97 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 6

37400210

Raw Data File : H:\TURBO6\6890-06\6b15038.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15038.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15038.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15038.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15038.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.05	7611		B	0.00761	3612.08
2	8.19	274011		B	0.27401	101889.70
3	8.51	51354		B	0.05135	12737.88
4	8.62	66159		B	0.06616	19483.31
5	8.77	126728		V	0.12673	14632.79
6	8.92	47264		V	0.04726	10218.49
7	9.04	15051		V	0.01505	3883.73
8	9.22	9709		B	0.00971	3762.12
9	9.30	440147		V	0.44015	156518.14
10	9.49	184368		V	0.18437	26225.60
11	9.69	90139		V	0.09014	18210.22
12	9.93	12580		B	0.01258	4411.70
13	10.07	18488		B	0.01849	4813.33
14	10.13	31143		V	0.03114	7986.01
15	10.22	21828		V	0.02183	5476.44
16	10.42	2326491	Tetrachloro-m-xylene	B	0.01869	737294.54
17	10.65	28387		B	0.02839	7728.85
18	10.80	55020		B	0.05502	15218.00
19	10.95	16520		B	0.01652	5447.82
20	11.24	116560		B	0.11656	25944.93
21	11.40	34353		B	0.03435	9276.30
22	11.49	84434		V	0.08443	19594.84

*7-11-08
LVB*

07/11/2008 06:47:14 Result: H:\TURBO6\6890-06\6b15038.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
23	11.60	165812		V	0.16581	32543.13
24	11.77	258210		V	0.25821	41644.87
25	11.86	438714		V	0.43871	124440.71
26	12.03	57613		B	0.05761	5476.68
27	12.17	7589	alpha-BHC	B	0.00168	3676.60
28	12.35	113416		B	0.11342	30914.45
29	12.61	23951		B	0.02395	6640.47
30	12.84	40994		B	0.04099	11917.12
31	12.92	31916		V	0.03192	9741.13
32	13.02	36557		V	0.03656	8105.87
33	13.19	17868	gamma-BHC	V	0.00125	5101.20
34	13.30	108864		B	0.10886	34420.43
35	13.38	19641	beta-BHC	E	-8.8e-05	5874.75
36	13.46	12883		V	0.01288	4662.06
37	13.55	29873		B	0.02987	10913.55
38	13.74	15191		B	0.01519	3839.83
39	13.98	107252		B	0.10725	21081.27
40	14.16	45595		V	0.04560	13710.15
41	14.31	84055	Heptachlor	V	0.00199	15412.79
42	14.54	88396		B	0.08840	15235.77
43	14.66	162444		V	0.16244	40650.98
44	14.77	149009		V	0.14901	46260.30
46	14.99	76605	Aldrin	B	0.00172	16979.75
47	15.18	1266926		B	1.26693	330110.51
48	15.46	193565		V	0.19356	39053.59
49	15.71	79190		B	0.07919	21299.23
50	15.81	220312		B	0.22031	64066.18
51	15.92	198305		V	0.19830	38431.83
52	16.05	604054		V	0.60405	139045.47
53	16.16	499095		V	0.49910	86699.62
54	16.41	384949	Hept. epoxide	B	0.00360	40344.15
55	16.54	180157		V	0.18016	38478.85
56	16.66	85798		B	0.08580	28745.77
57	16.87	1160350	gamma chlordane	B	0.00953	312966.25
59	17.11	98484		B	0.09848	32683.36
60	17.20	36969	alpha-chlordane	V	0.00134	11374.13
61	17.31	75430	Endosulfan I	B	0.00112	15699.56
62	17.56	56092	4,4'-DDE	B	0.00244	12521.41
63	17.64	99601		V	0.09960	23320.09
64	17.83	25921		B	0.02592	7040.69
65	17.99	21354	Dieldrin	B	0.00176	6087.44
66	18.09	44199		V	0.04420	13846.95
67	18.33	68435		B	0.06844	22499.20
68	18.45	199458		V	0.19946	30219.38
69	18.55	38065	Endrin	V	0.00172	8026.64
71	18.87	16613	4,4'-DDD	B	7.92e-04	4502.99
72	19.10	40146	Endosulfan II	B	6.90e-04	9721.59
73	19.15	27999		V	0.02800	9666.36
74	19.24	33898		B	0.03390	12371.92
75	19.34	7746		B	0.00775	3293.68
76	19.72	392546	Endrin aldehyde	B	0.00542	120639.28
78	20.11	8227		B	0.00823	2409.34
80	20.27	7505		V	0.00750	2464.47
81	20.52	6556		B	0.00656	2625.33
84	20.77	64877		V	0.06488	19746.31
85	21.40	30814		B	0.03081	6270.07
86	21.56	215787	Endrin ketone	V	0.00364	24401.52
87	21.71	303893		V	0.30389	53931.53
89	22.27	42705		B	0.04270	7846.42
90	22.49	15268		B	0.01527	3853.83
91	22.65	15359		B	0.01536	4610.86
92	23.21	51253		B	0.05125	8051.15
93	23.83	17134		B	0.01713	1979.33
94	24.63	57842		B	0.05784	12799.03
95	24.94	2060914	Decachlorobiphenyl	B	0.02089	369722.49
96	25.34	24366		B	0.02437	4784.16
97	25.50	61117		V	0.06112	7816.71
98	25.66	279106		V	0.27911	47085.83
99	25.81	96919		V	0.09692	16259.58
100	25.95	116528		V	0.11653	21948.17
101	26.03	314441		V	0.31444	27858.09
102	26.35	58001		B	0.05800	10909.64
104	26.84	334945		B	0.33494	63040.81
105	27.38	8239		B	0.00824	1522.91

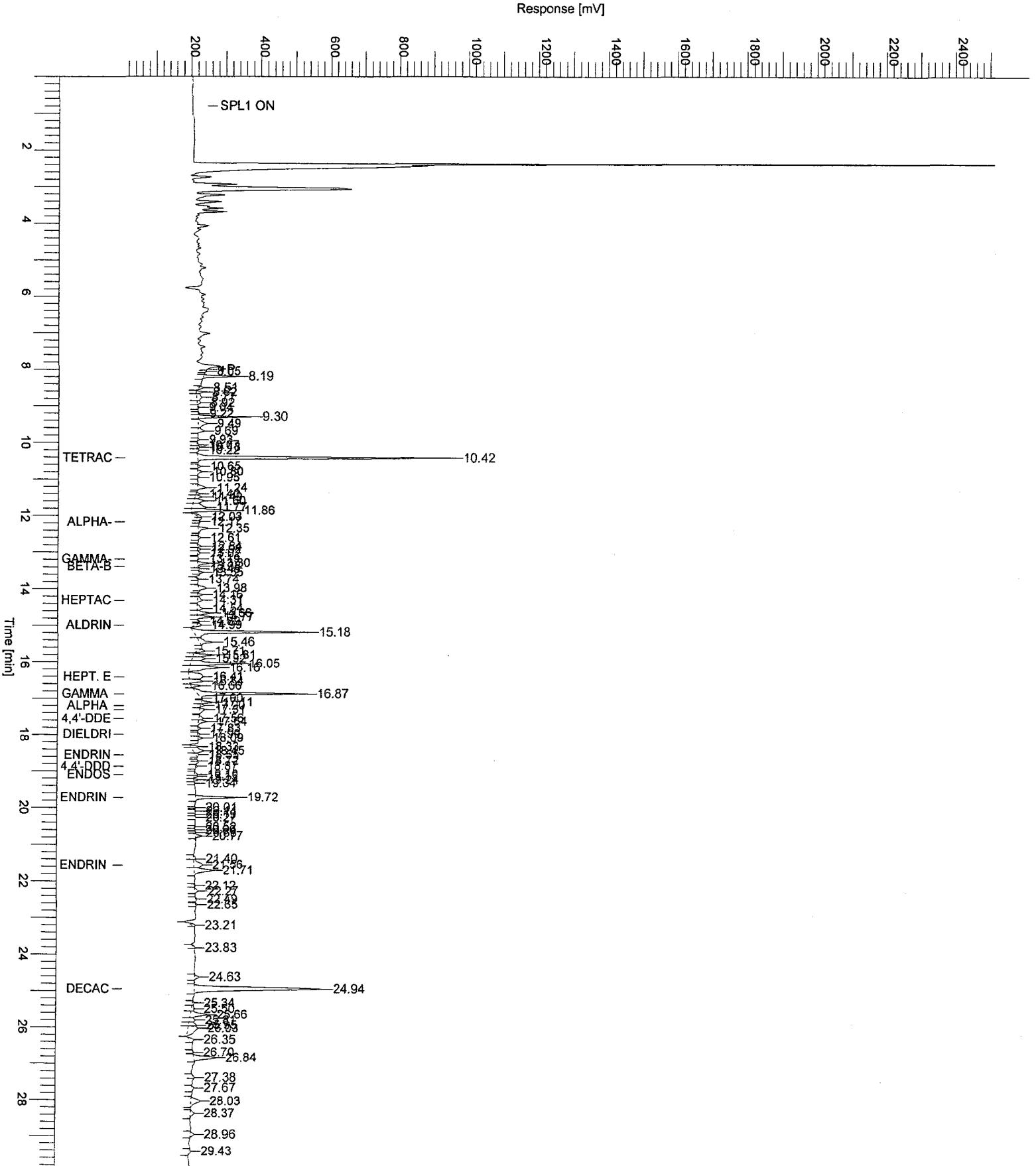
07/11/2008 06:47:14 Result: H:\TURBO6\6890-06\6b15038.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [μV]
106	27.67	28987		B	0.02899	5318.07
107	28.03	212509		B	0.21251	25671.36
108	28.37	72060		B	0.07206	10129.24
109	28.96	61624		B	0.06162	10829.20
110	29.43	26541		B	0.02654	4503.31
		16899970			9.94669	3.98e+06

Sample Name : AS80007806MBLK
FileName : H:\TURBO6\6890-06\6b15038.raw
Date : 07/11/2008 06:47:15
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample # : A8B1833802 Page 1 of 1

Time of Injection: 07/10/2008 17:19:43
End Time : 30.00 min Low Point : 10.00 mV High Point : 2510.00 mV
Plot Scale: 2500.0 mV



```

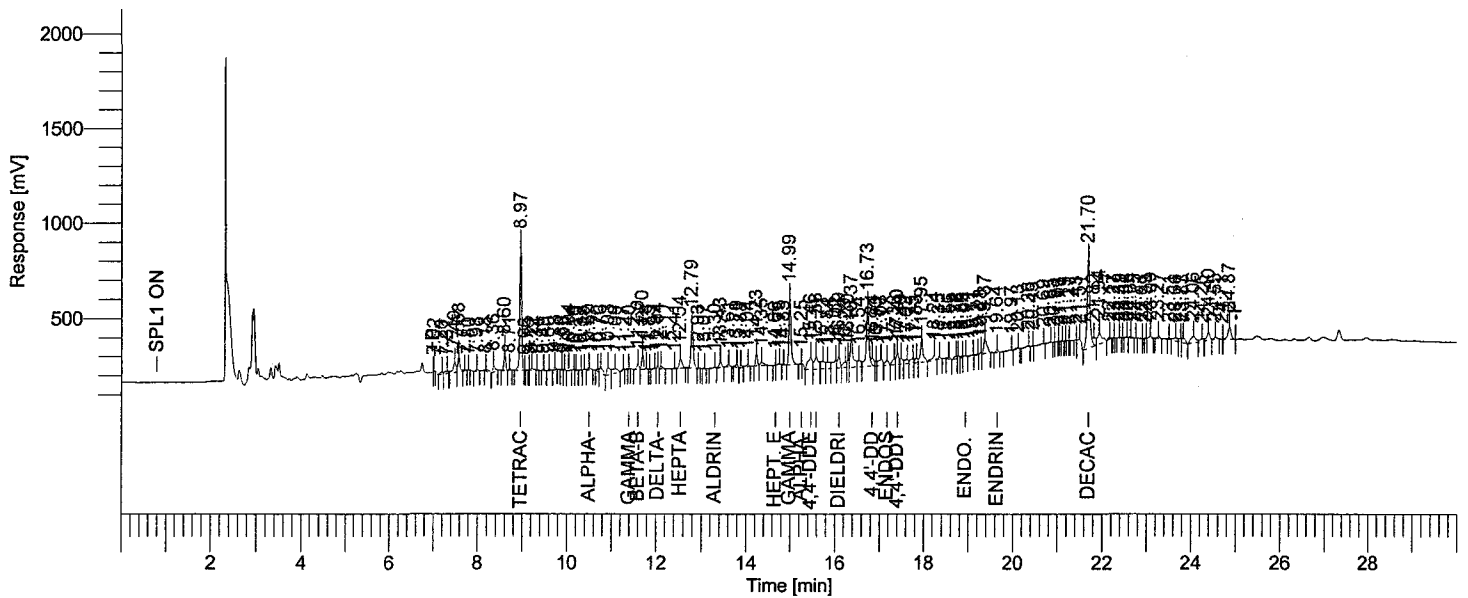
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf1938: 76605
Operator          : tchrom
Sample Number     : A8B1833802
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-06
Instrument Serial # : CN10520010
Delay Time        : 0.00 min
Sampling Rate     : 5.0000 pts/s
Sample Volume     : 1.000000 ul
Sample Amount     : 1.0000
Data Acquisition Time : 07/10/2008 17:19:43

Date              : 07/11/2008 06:47:10
Sample Name       : AS80007806MBLK
Study             : CTA39612
Rack/Vial         : 1/38
Channel           : A
A/D mV Range     : 1000
End Time          : 29.97 min

Area Reject      : 6000.000000
Dilution Factor  : 1.00
Cycle             : 6
    
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Raw Data File : H:\TURBO6\6890-06\6a15038.raw <Modified>
Result File   : H:\TURBO6\6890-06\6a15038.rst
Inst Method   : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15038.raw
Proc Method   : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15038.rst
Calib Method  : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15038.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-15.seq
    
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HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
2	7.20	51151		B	0.05115	11397.07
3	7.31	75121		V	0.07512	12463.26
4	7.49	260572		V	0.26057	48275.27
5	7.58	273161		V	0.27316	84923.42
6	7.71	26527		V	0.02653	6919.02
8	7.98	27561		B	0.02756	7850.42
9	8.18	69497		B	0.06950	9678.11
10	8.36	112461		B	0.11246	29749.70
11	8.60	281638		B	0.28164	107509.17
12	8.71	20180		B	0.02018	7408.66
13	8.97	1980660	Tetrachloro-m-xylene	B	0.01572	658041.19
16	9.22	49535		V	0.04954	12547.95
17	9.34	9073		V	0.00907	3763.65
18	9.49	18598		B	0.01860	6824.12
19	9.60	34255		B	0.03425	7897.23
20	9.73	34585		B	0.03458	12759.94
21	9.89	21725		B	0.02172	8314.43
22	9.95	15793		V	0.01579	7376.52
23	10.04	57245		B	0.05724	18853.43
24	10.16	19490		V	0.01949	6491.63
25	10.20	21665		V	0.02167	7013.07
26	10.32	10407		B	0.01041	3050.40

07/11/2008 06:47:10 Result: H:\TURBO\6890-06\6a15038.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
27	10.39	18938		V	0.01894	5418.47
28	10.50	53728	alpha-BHC	V	7.20e-04	12299.93
29	10.70	34193		B	0.03419	12273.34
30	10.76	159072		V	0.15907	27281.59
31	10.93	213462		B	0.21346	37611.65
32	11.09	200915		V	0.20092	22372.10
33	11.27	28302		B	0.02830	4339.98
35	11.60	110663	beta-BHC	B	2.80e-04	28434.14
36	11.70	242655		V	0.24266	80780.39
37	11.78	21844		E	0.02184	8228.43
39	11.97	22927		B	0.02293	6010.55
40	12.04	38061	delta-BHC	V	0.00136	13158.84
41	12.11	55023		V	0.05502	14563.53
42	12.41	19410		B	0.01941	7107.34
43	12.54	209063	Heptachlor	V	0.00147	46087.73
44	12.79	877260		B	0.87726	234192.59
45	12.93	7302		B	0.00730	3321.01
47	13.30	20201	Aldrin	B	4.59e-04	3399.42
48	13.43	131522		V	0.13152	33520.16
49	13.61	59813		V	0.05981	11661.19
50	13.79	54971		B	0.05497	15460.31
51	13.88	44058		B	0.04406	13296.22
52	14.04	50200		V	0.05020	10750.55
53	14.23	203734		B	0.20373	66361.64
54	14.35	104808		V	0.10481	18320.35
55	14.66	10182	Hept. epoxide	B	-6.9e-04	3922.53
56	14.75	50557		V	0.05056	9072.60
57	14.85	16771		V	0.01677	4520.55
58	14.99	1229956	gamma chlordane	B	0.00837	347650.97
60	15.46	458976	4,4'-DDE	B	0.00430	63159.53
61	15.58	420512	Endosulfan I	V	0.00212	66576.57
62	15.73	276181		V	0.27618	40654.14
63	15.84	225877		V	0.22588	34915.80
64	16.02	271569		V	0.27157	40378.60
65	16.09	247799	Dieldrin	V	0.00186	61299.94
66	16.23	157878		V	0.15788	28800.99
67	16.30	149239		V	0.14924	52536.00
68	16.37	717667		V	0.71767	154331.86
69	16.54	196484		V	0.19648	33778.63
70	16.73	1307928		V	1.30793	313764.48
71	16.84	175349	4,4'-DDD	E	0.00186	35841.33
72	16.93	65258		V	0.06526	25290.71
73	17.03	236798		V	0.23680	36157.31
74	17.17	153358	Endosulfan II	V	6.09e-04	26523.70
75	17.33	151064		B	0.15106	33730.32
76	17.40	253949	4,4'-DDT	V	0.00649	60044.74
77	17.49	138358		V	0.13836	32869.13
78	17.63	146529		V	0.14653	19959.46
79	17.75	112683		V	0.11268	20973.29
80	17.83	109825		V	0.10983	21729.13
81	17.95	525845		V	0.52584	114362.10
82	18.24	126092		B	0.12609	23825.83
83	18.35	34225		V	0.03422	10897.57
84	18.56	42390		B	0.04239	11048.10
85	18.72	66664		B	0.06666	13652.40
86	18.76	48047		V	0.04805	13292.82
87	18.86	31518		V	0.03152	7954.09
88	18.94	45363	Endo. Sulfate	V	-5.0e-05	8094.66
89	19.11	29664		V	0.02966	3369.65
90	19.21	14774		V	0.01477	3079.08
91	19.28	27701		V	0.02770	9285.36
92	19.37	393294		V	0.39329	78530.88
93	19.64	50646	Endrin ketone <i>uicg</i>	B	1.88e-04	14370.78
94	19.97	33267		B	0.03327	2909.86
95	20.13	35393		B	0.03539	3184.95
96	20.36	38246		B	0.03825	6596.32
97	20.45	8930		V	0.00893	2100.15
98	20.69	39431		V	0.03943	4910.65
99	20.85	30902		V	0.03090	4021.84
105	21.43	45143		B	0.04514	17766.49
106	21.51	233508		V	0.23351	40207.63
107	21.70	2054385	Decachlorobiphenyl	B	0.01970	467780.89
108	21.82	176201		E	0.17620	35775.73
109	21.94	424627		V	0.42463	54719.67

07/11/2008 06:47:10 Result: H:\TURBO6\6890-06\6a15038.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
110	22.17	37537		B	0.03754	8188.44
112	22.39	7104		B	0.00710	2145.45
114	22.56	14824		V	0.01482	3452.35
115	22.64	29739		V	0.02974	7263.89
119	23.09	44144		V	0.04414	10427.51
120	23.27	44268		B	0.04427	11927.92
121	23.51	15434		B	0.01543	3675.02
122	23.66	123096		V	0.12310	16036.14
123	23.77	63947		V	0.06395	19014.23
124	23.83	147208		V	0.14721	24664.86
125	24.06	286310		B	0.28631	34347.01
126	24.25	80589		V	0.08059	14080.45
127	24.40	193663		V	0.19366	39851.26
128	24.55	48203		V	0.04820	10487.47
130	24.87	338864		*V	0.33886	65225.68
		19764959			12.31690	4.61e+06

Sample Name : AS80007806MBLK
FileName : H:\TURBO6\6890-06\6a15038.raw

Sample #: A8B1833802 Page 1 of 1

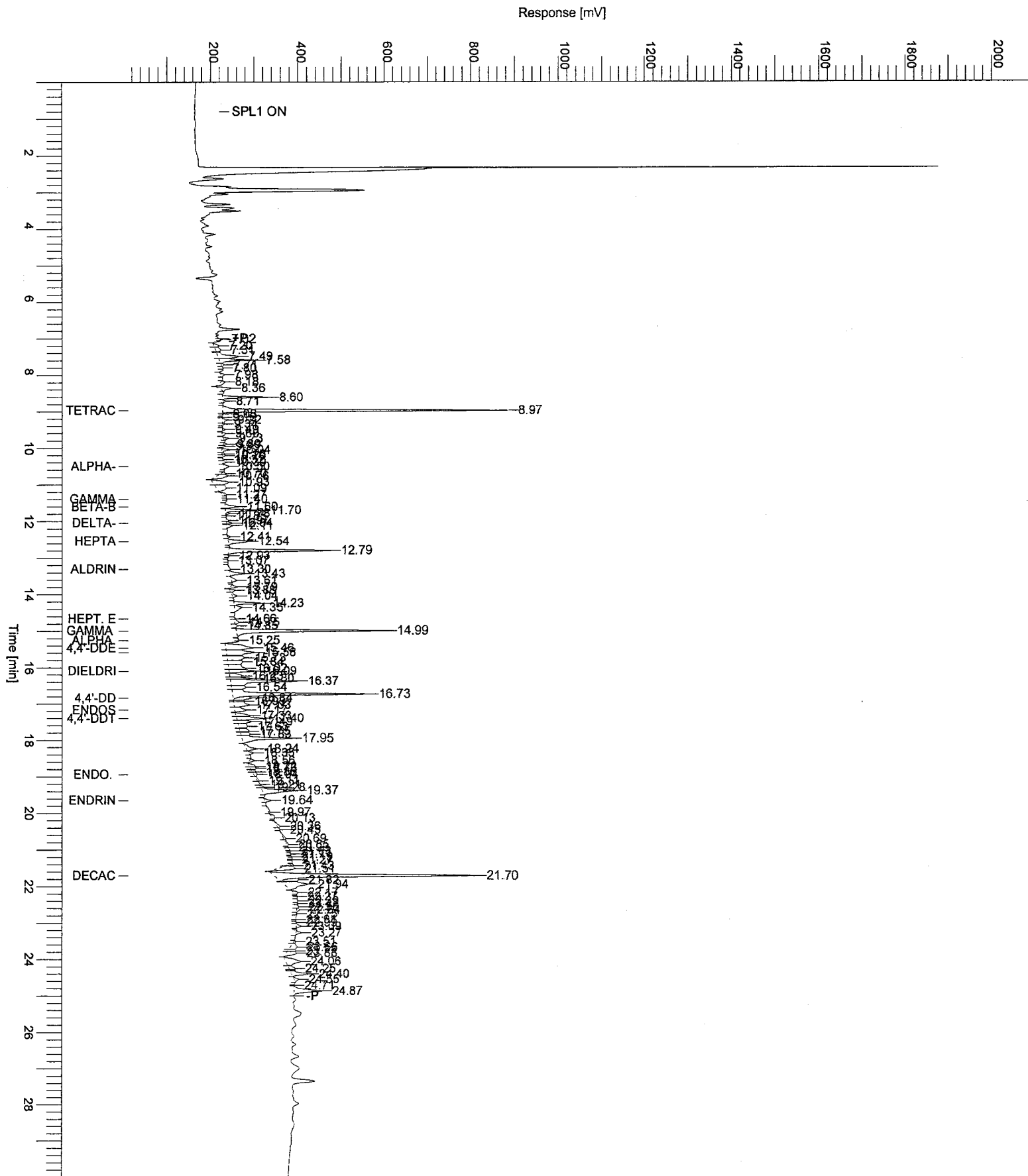
Date : 07/11/2008 06:47:11

Time of Injection: 07/10/2008 17:19:43

Method : 6890-6ins

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV

Plot Offset: 10.00 mV Plot Scale: 2000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1864702

Sample wt/vol: 30.39 (g/mL) G Lab File ID: 6B15096.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

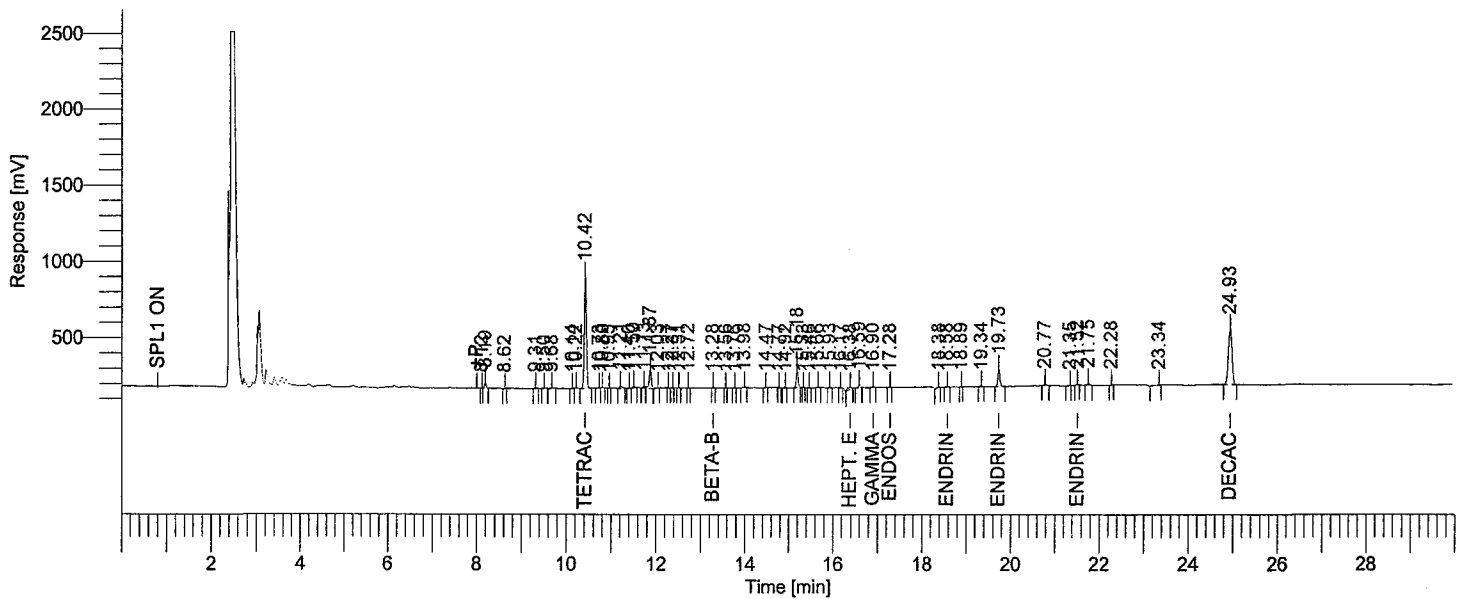
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

309-00-2-----	Aldrin	1.6	U
319-84-6-----	alpha-BHC	1.6	U
319-85-7-----	beta-BHC	1.6	U
58-89-9-----	gamma-BHC (Lindane)	1.6	U
319-86-8-----	delta-BHC	1.6	U
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	1.6	U
72-55-9-----	4,4'-DDE	1.6	U
50-29-3-----	4,4'-DDT	1.6	U
60-57-1-----	Dieldrin	1.6	U
959-98-8-----	Endosulfan I	1.6	U
33213-65-9----	Endosulfan II	1.6	U
1031-07-8-----	Endosulfan Sulfate	1.6	U
72-20-8-----	Endrin	1.6	U
7421-93-4-----	Endrin aldehyde	1.6	U
76-44-8-----	Heptachlor	1.6	U
1024-57-3-----	Heptachlor epoxide	1.6	U
72-43-5-----	Methoxychlor	1.6	U
8001-35-2-----	Toxaphene	16	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76906
 Operator : tchrom
 Sample Number : A8B4864702
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 12:49:33

Date : 07/17/2008 07:24:55
 Sample Name : AS80008149MBLK
 Study : STA00201
 Rack/Vial : 1/96
 Channel : B
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 7

Raw Data File : H:\TURBO6\6890-06\6b15096.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15096.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15096.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15096.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15096.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	8.19	91624		V	0.09162	31672.13
3	8.62	7026		B	0.00703	2771.28
4	9.31	17585		B	0.01759	5154.18
5	9.50	17037		B	0.01704	3921.29
6	9.68	33284		V	0.03328	5894.88
7	10.14	8379		B	0.00838	2747.89
8	10.22	20299		V	0.02030	6018.92
9	10.42	2305869	Tetrachloro-m-xylene	B	0.01853	729930.68
10	10.73	11235		B	0.01123	2370.60
11	10.80	10408		V	0.01041	3392.37
13	11.21	61606		B	0.06161	13310.98
14	11.40	8561		B	0.00856	3256.98
15	11.50	37643		B	0.03764	12207.31
16	11.73	40883		B	0.04088	10774.20
17	11.87	426210		V	0.42621	124099.58
18	12.03	11074		B	0.01107	2215.44
21	12.51	7008		B	0.00701	2839.50
22	12.72	6610		B	0.00661	2646.77
23	13.28	7178	beta-BHC	B	-2.6e-04	2697.12
26	13.98	16644		B	0.01664	4392.39
27	14.47	12750		B	0.01275	4219.65
30	15.18	341001		B	0.34100	108270.46

7-17-08
 DUB

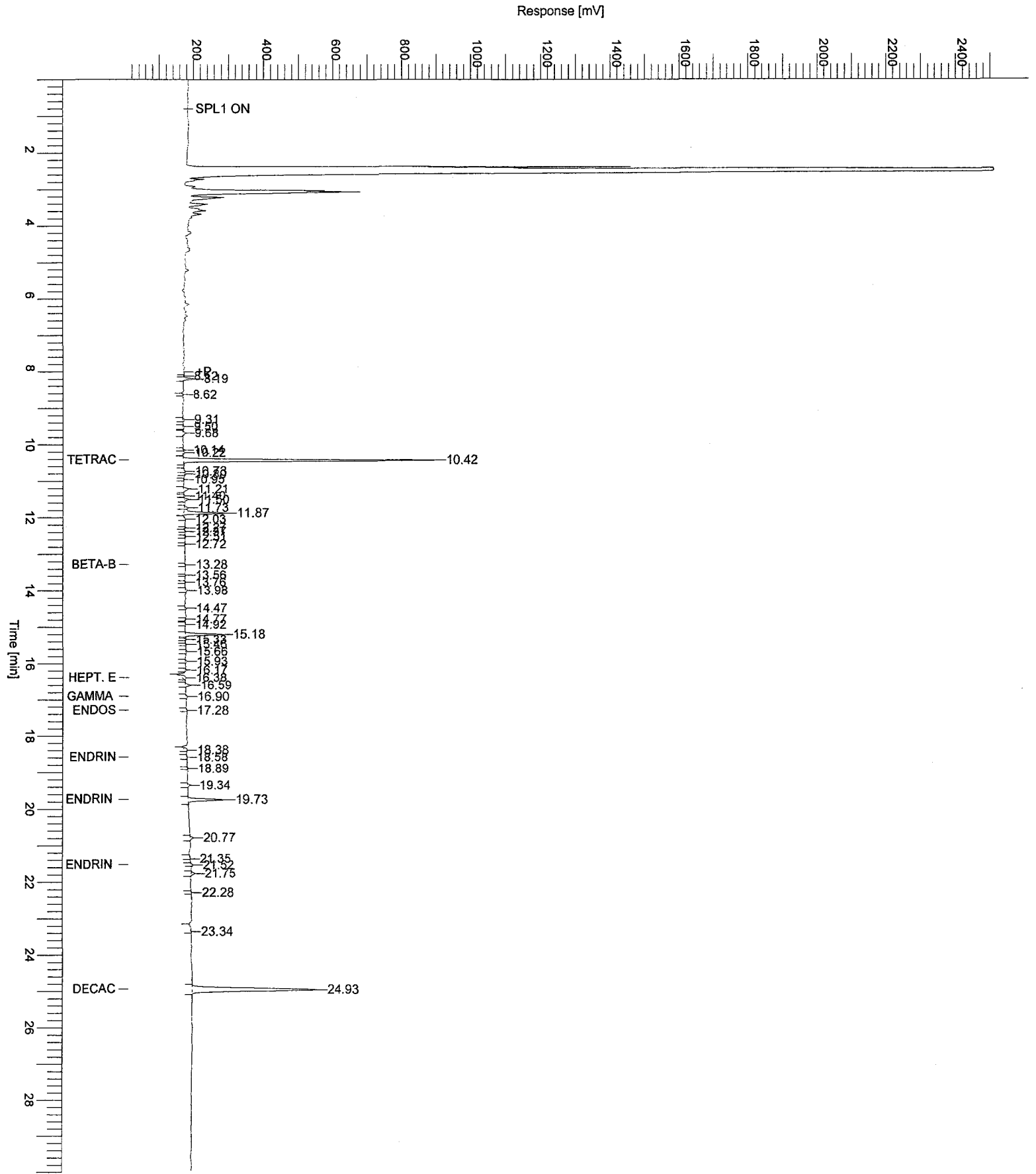
07/17/2008 07:24:55 Result: H:\TURBO6\6890-06\6b15096.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
33	15.66	11725		B	0.01172	3302.65
34	15.93	16679		B	0.01668	5069.03
35	16.17	12290		B	0.01229	4301.01
36	16.38	84499	Hept. epoxide	B	0.00141	11155.40
37	16.59	50903		B	0.05090	15210.47
38	16.90	16560	gamma-chlordane	B	0.00129	3991.90
40	18.38	37445		B	0.03744	4459.06
41	18.58	9599	Endrin	B	0.00146	1878.05
43	19.34	20376		B	0.02038	6093.20
44	19.73	375071	Endrin aldehyde	B	0.00519	108170.64
45	20.77	34222		B	0.03422	10004.04
47	21.52	14791	Endrin ketone	B	0.00156	4465.64
48	21.75	40209		B	0.04021	11330.64
49	22.28	7609		B	0.00761	2643.13
50	23.34	30016		B	0.03002	1176.60
51	24.93	1978008	Decachlorobiphenyl	B	0.02004	360011.82
		6239916			1.49756	1.64e+06

Sample Name : AS80008149MBLK
FileName : H:\TURBO6\6890-06\6b15096.raw
Date : 07/17/2008 07:24:55
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: A8B4864702 Page 1 of 1

Time of Injection: 07/16/2008 12:49:33
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 2510.00 mV
Plot Scale: 2500.0 mV



```

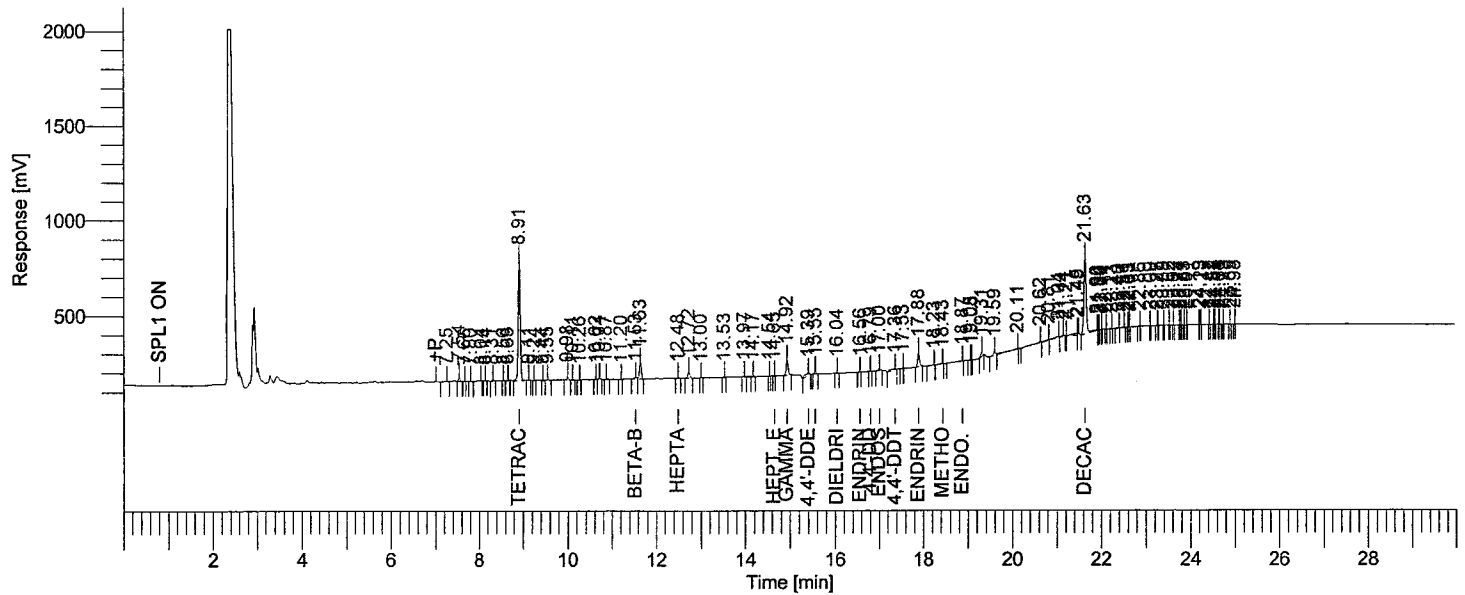
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf1938: 76905
Operator : tchrom
Sample Number : A8B4864702
AutoSampler : BUILT-IN
Instrument Name : HP6890-06
Instrument Serial # : None
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 07/16/2008 12:49:33

Date : 07/17/2008 07:24:51
Sample Name : AS80008149MBLK
Study : STA00201
Rack/Vial : 1/96
Channel : A
A/D mV Range : 1000
End Time : 29.94 min

Area Reject : 6000.000000
Dilution Factor : 1.00
Cycle : 7
    
```

```

Raw Data File : H:\TURBO6\6890-06\6a15096.raw <Modified>
Result File : H:\TURBO6\6890-06\6a15096.rst
Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15096.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15096.rst
Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15096.rst
Report Format File : h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-15.seq
    
```



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.25	14635		B	0.01464	2569.47
2	7.54	53774		B	0.05377	19193.46
4	7.80	12968		B	0.01297	3967.39
5	8.04	19436		B	0.01944	764.27
7	8.31	19838		B	0.01984	5022.20
9	8.65	7876		B	0.00788	2817.38
10	8.91	1918990	Tetrachloro-m-xylene	B	0.01526	626611.82
11	9.11	7283		B	0.00728	2965.00
14	9.55	16203		V	0.01620	3993.42
15	9.98	37030		B	0.03703	11711.69
19	10.71	15090		V	0.01509	5482.32
20	10.87	17564		B	0.01756	4294.83
22	11.53	40369	beta-BHC	B	-7.5e-04	8967.28
23	11.63	257964		V	0.25796	84550.86
24	12.48	11740	Heptachlor	B	2.91e-04	3757.44
25	12.72	99406		B	0.09941	28950.05
28	13.97	9348		B	0.00935	3445.52
32	14.92	254387	gamma chlordane	B	0.00172	80634.57
33	15.39	90832	4,4'-DDE	B	0.00167	11634.85
34	15.55	38344	Endosulfan I	B	-8.7e-04	13335.92
35	16.04	6400	Dieldrin	B	1.74e-04	1925.89
38	17.00	21133	Endosulfan II	B	-5.6e-04	6023.59

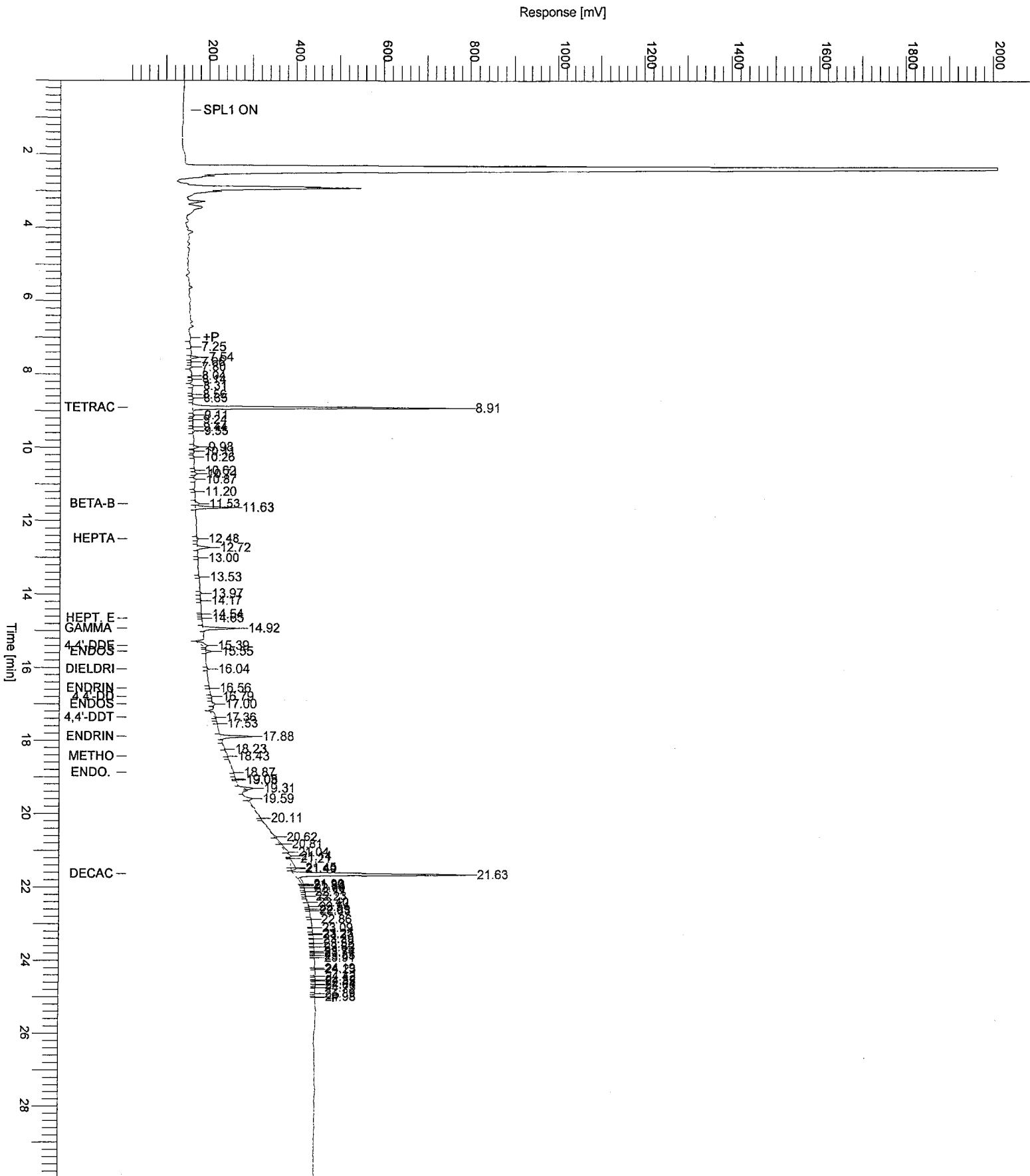
07/17/2008 07:24:51 Result: H:\TURBO6\6890-06\6a15096.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
39	17.36	56146	4,4-DDT	B	0.00465	2210.73
41	17.88	240543	Endrin aldehyde	B	9.38e-04	72917.66
42	18.23	9973		B	0.00997	854.80
43	18.43	11246	Methoxychlor	B	0.00311	1071.22
44	18.87	15226	Endo. Sulfate	V	-3.6e-04	883.67
47	19.31	69516		B	0.06952	22321.46
48	19.59	58523		B	0.05852	14466.37
49	20.11	59794		V	0.05979	976.73
50	20.62	57482		B	0.05748	5600.02
51	20.81	34485		V	0.03448	5012.00
52	21.04	64808		V	0.06481	5495.09
53	21.14	21931		V	0.02193	4891.09
55	21.45	91744		V	0.09174	11054.56
56	21.49	38759		V	0.03876	11758.16
57	21.63	1495150	Decachlorobiphenyl	B	0.01435	398191.92
58	21.90	58025		E	0.05802	3686.34
64	22.40	10007		B	0.01001	1736.37
65	22.51	6805		V	0.00681	966.08
		5370773			1.20989	1.50e+06

Sample Name : AS80008149MBLK
FileName : H:\TURBO6\6890-06\6a15096.raw
Date : 07/17/2008 07:24:52
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: A8B4864702 Page 1 of 1

Time of Injection: 07/16/2008 12:49:33
End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Scale: 2000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1804601Sample wt/vol: 30.00 (g/mL) G Lab File ID: 5B10146.TX0% Moisture: 0 decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

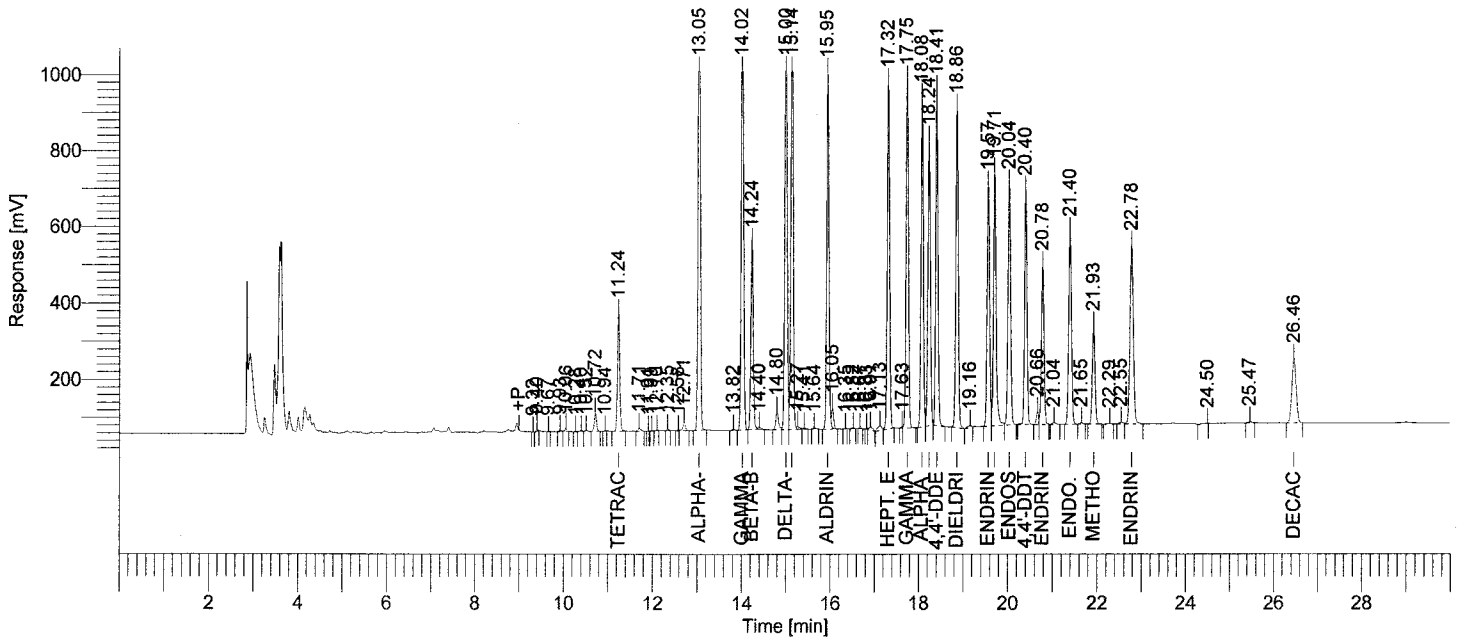
CAS NO. COMPOUND Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2	Aldrin	14	
319-84-6	alpha-BHC	15	
319-85-7	beta-BHC	16	
58-89-9	gamma-BHC (Lindane)	16	
319-86-8	delta-BHC	15	
57-74-9	Chlordane	17	U
72-54-8	4,4'-DDD	16	
72-55-9	4,4'-DDE	16	
50-29-3	4,4'-DDT	18	
60-57-1	Dieldrin	16	
959-98-8	Endosulfan I	15	
33213-65-9	Endosulfan II	17	
1031-07-8	Endosulfan Sulfate	15	
72-20-8	Endrin	16	
7421-93-4	Endrin aldehyde	14	
76-44-8	Heptachlor	16	
1024-57-3	Heptachlor epoxide	16	
72-43-5	Methoxychlor	17	
8001-35-2	Toxaphene	17	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75054
 Operator : tchrom
 Sample Number : A8B1804601
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 12:59:36

Date : 07/02/2008 15:35:20
 Sample Name : AS80007586
 Study : STA00201
 Rack/Vial : 1/46
 Channel : B
 A/D mV Range : 1000
 End Time : 29.97 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5b10146.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10146.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10146.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10146.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10146.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.32	1520		B	0.00152	761.10
2	9.40	11306		B	0.01131	4210.32
3	9.67	1834		B	0.00183	759.88
4	9.93	10727		B	0.01073	3299.99
5	10.06	26419		V	0.02642	7350.44
6	10.28	3538		B	0.00354	970.16
7	10.40	11640		V	0.01164	2228.37
8	10.52	11706		V	0.01171	1910.08
9	10.72	165555		V	0.16555	48011.27
10	10.94	2038		B	0.00204	721.65
11	11.24	1078508	Tetrachloro-m-xylene	B	0.01675	306012.91
12	11.71	34581		B	0.03458	7806.35
14	11.99	2177		B	0.00218	890.20
15	12.10	3464		B	0.00346	1033.46
16	12.35	11356		B	0.01136	3707.08
17	12.58	4034		B	0.00403	1337.53

7-15-08
 DJS

07/02/2008 15:35:20 Result: H:\TURBO6\6890-05\5b10146.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	12.71	87915		V	0.08791	22566.37
19	13.05	4639612	alpha-BHC	B	0.04536	1.35e+06
20	13.82	14235		B	0.01423	3653.02
21	14.02	4145373	gamma-BHC	B	0.04658	1.16e+06
22	14.24	1792710	beta-BHC	B	0.04952	485906.10
23	14.40	28733		E	0.02873	5745.60
24	14.80	202846		B	0.20285	47505.21
25	15.00	3973275	delta-BHC	V	0.04601	1.08e+06
26	15.14	4272890	Heptachlor	V	0.04915	1.18e+06
27	15.27	31657		E	0.03166	6583.74
28	15.41	10763		V	0.01076	2548.80
29	15.64	10417		B	0.01042	2327.14
30	15.95	3428898	Aldrin	B	0.04280	934234.26
31	16.05	163082		E	0.16308	50381.64
32	16.35	2746		B	0.00275	958.02
33	16.52	7874		B	0.00787	1905.78
34	16.67	2884		B	0.00288	823.18
35	16.83	5939		B	0.00594	2024.94
36	16.91	49774		V	0.04977	8225.52
37	17.13	82204		B	0.08220	12203.81
38	17.32	3429659	Hept. epoxide	V	0.04816	906272.11
39	17.63	9509		B	0.00951	3937.16
40	17.75	3414099	gamma chlordane	V	0.04674	910754.18
41	18.08	3256366	alpha chlordane	B	0.04899	862517.59
42	18.24	2871080	Endosulfan I	V	0.04454	746088.67
43	18.41	3189071	4,4'-DDE	B	0.04763	878996.83
44	18.86	3287940	Dieldrin	B	0.04798	835095.19
45	19.16	33383		B	0.03338	5252.10
46	19.57	2508434	Endrin	B	0.04821	629701.32
47	19.71	2687762	4,4'-DDD	V	0.04776	663102.20
48	20.04	2556456	Endosulfan II	V	0.05100	629374.57
49	20.40	2307503	4,4'-DDT	B	0.05403	611048.76
50	20.66	113889		B	0.11389	32017.59
51	20.78	1741030	Endrin aldehyde	V	0.04250	413801.93
52	21.04	28740		V	0.02874	4840.93
53	21.40	2191343	Endo. Sulfate	B	0.04510	502094.55
54	21.65	14718		B	0.01472	3856.92
55	21.93	1094784	Methoxychlor	B	0.05242	255103.64
56	22.29	8731		B	0.00873	1208.16
57	22.55	23696		B	0.02370	4237.99
58	22.78	2438272	Endrin ketone	V	0.04361	464636.86
59	24.50	15000		B	0.01500	317.47
60	25.47	17048		B	0.01705	2851.98
61	26.46	1142403	Decachlorobiphenyl	B	0.01789	167777.76
					2.25040	1.63e+07
62715144						

Sample Name : AS80007586

Sample # : A8B1804601

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b10146.raw

Date : 07/02/2008 15:35:22

Method : 6890-5ins

Time of Injection: 07/02/2008 12:59:36

Start Time : 0.00 min

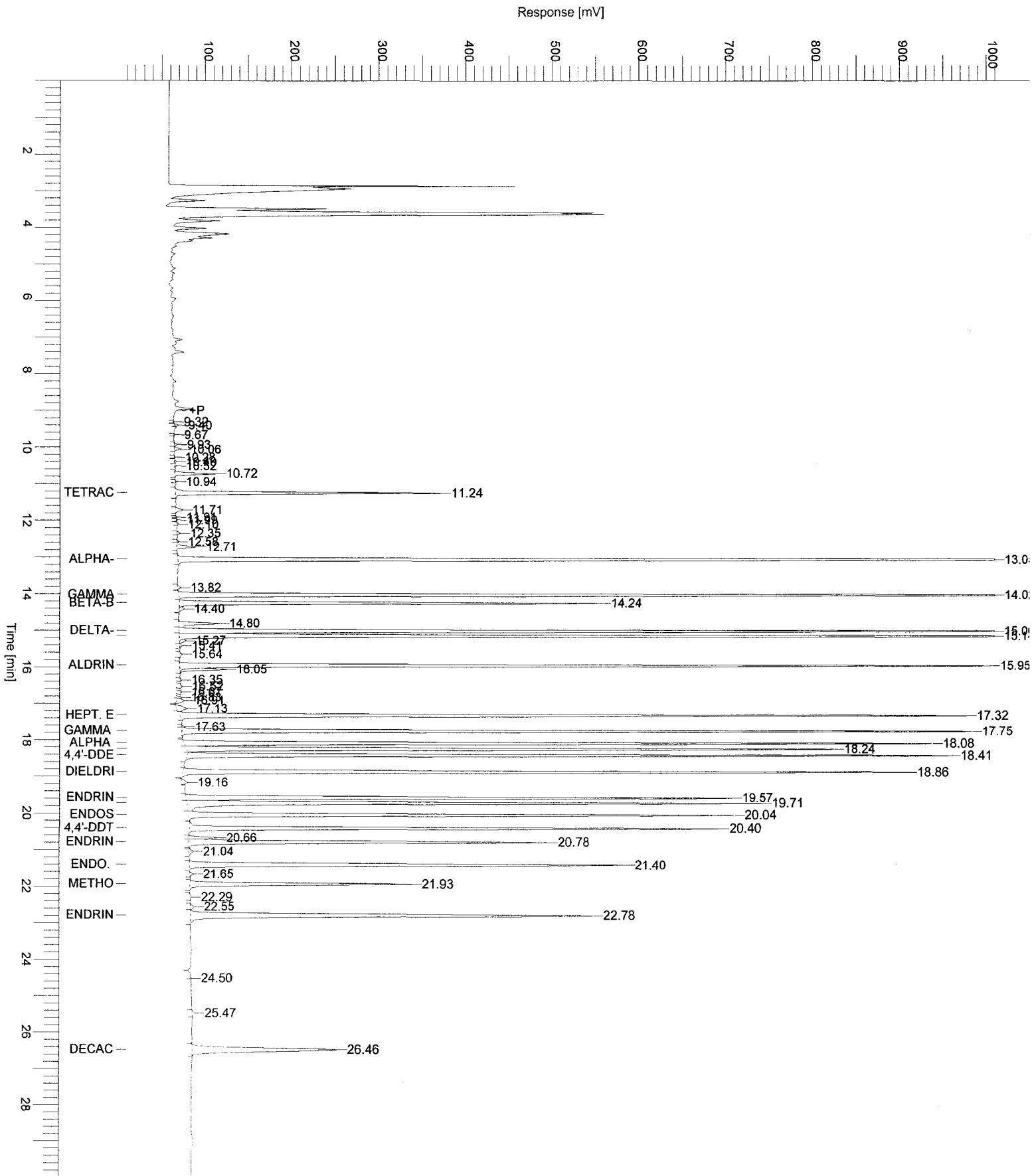
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 1010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 1000.0 mV




```

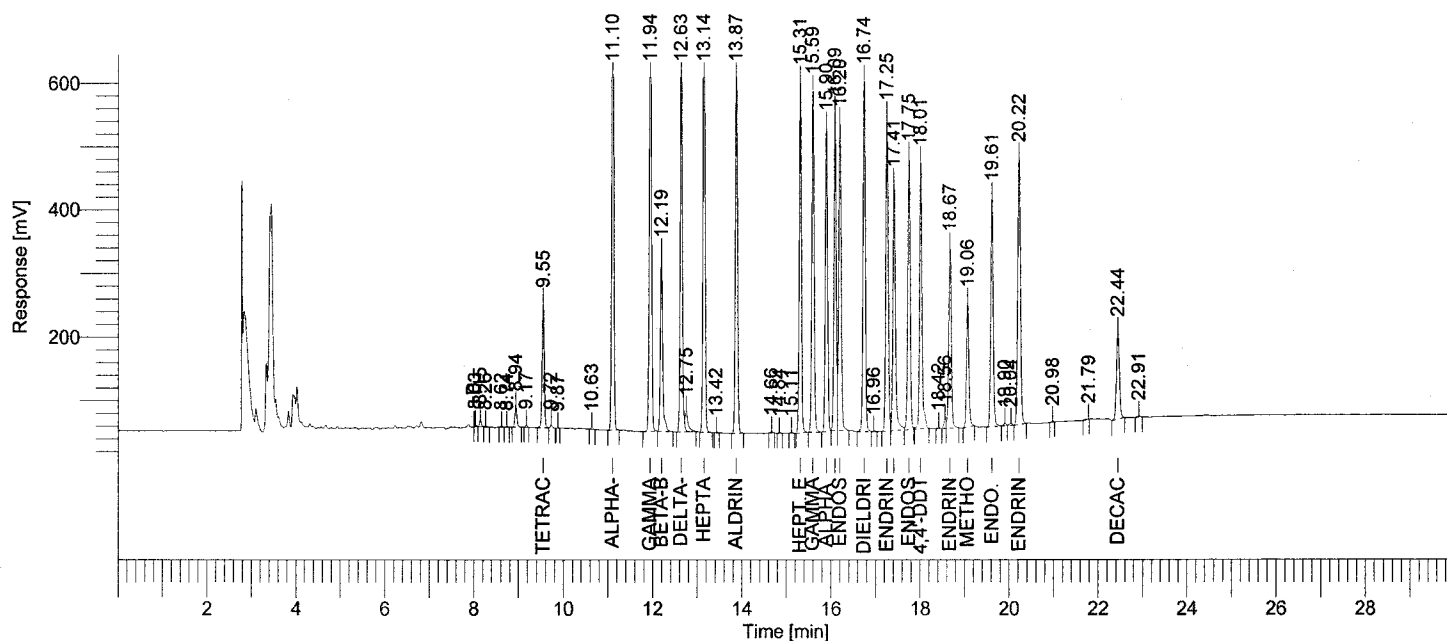
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2048: 75053
Operator : tchrom
Sample Number : A8B1804601
AutoSampler : BUILT-IN
Instrument Name : HP6890-05
Instrument Serial # : CN10520009
Delay Time : 0.00 min
Sampling Rate : 5.0000 pts/s
Sample Volume : 1.000000 ul
Sample Amount : 1.0000
Data Acquisition Time : 07/02/2008 12:59:36

Date : 07/02/2008 15:35:16
Sample Name : AS80007586
Study : STA00201
Rack/Vial : 1/46
Channel : A
A/D mV Range : 1000
End Time : 29.97 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 1
    
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Raw Data File : H:\TURBO6\6890-05\5a10146.raw <Modified>
Result File : H:\TURBO6\6890-05\5a10146.rst
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10146.raw
Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10146.rst
Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10146.rst
Report Format File: h:\turbo6\6890-05\05samp.rpt
Sequence File : H:\TURBO6\6890-05\5D-10.seq
    
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HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

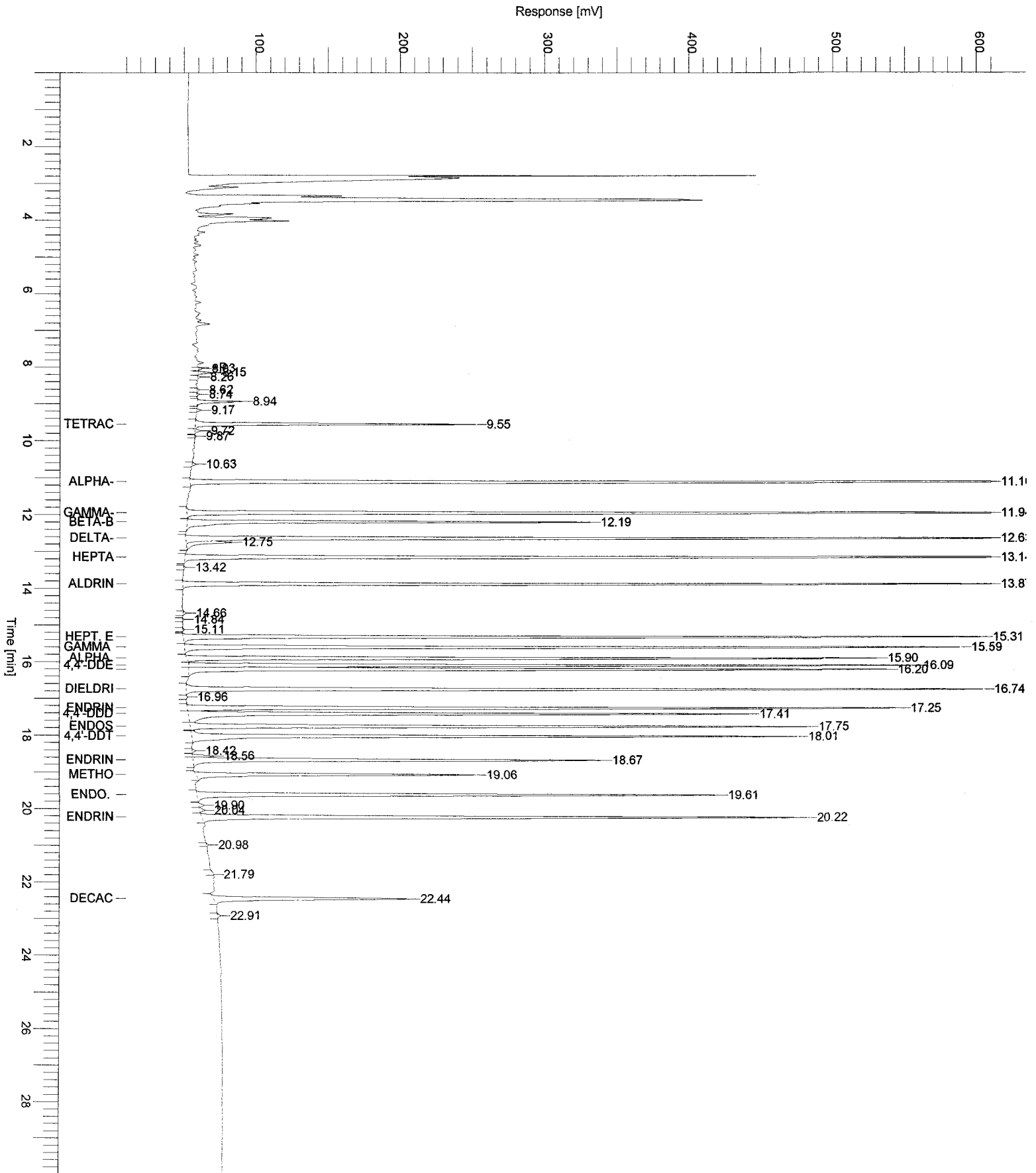
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.03	6224		B	0.00622	2117.35
2	8.15	28192		B	0.02819	10208.85
3	8.26	7494		B	0.00749	2080.48
4	8.62	5181		B	0.00518	1670.45
5	8.74	4213		B	0.00421	1424.43
6	8.94	104892		B	0.10489	31661.04
7	9.17	8862		B	0.00886	3204.15
8	9.55	638354	Tetrachloro-m-xylene	B	0.02127	195291.51
9	9.72	14786		V	0.01479	4121.60
10	9.87	2391		B	0.00239	935.74
11	10.63	10186		B	0.01019	2917.23
12	11.10	2661673	alpha-BHC	B	0.05698	839247.35
13	11.94	2363741	gamma-BHC	B	0.05468	710929.45
14	12.19	1028343	beta-BHC	B	0.05865	279709.10
15	12.63	2177693	delta-BHC	B	0.05263	622213.02
16	12.75	134594		E	0.13459	29492.99

07/02/2008 15:35:16 Result: H:\TURBO6\6890-05\5a10146.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	13.14	2347387	Heptachlor	B	0.05207	704798.05
18	13.42	4122		B	0.00412	1141.38
19	13.87	1881220	Aldrin	B	0.04327	564050.47
20	14.66	7377		B	0.00738	2012.88
21	14.84	3429		B	0.00343	959.64
22	15.11	3653		B	0.00365	1164.93
23	15.31	1968146	Hept. epoxide	B	0.04669	554822.12
24	15.59	1940192	gamma chlordane	B	0.04570	539186.84
25	15.90	1721804	alpha chlordane	B	0.04443	479314.36
26	16.09	1743651	4,4'-DDE	B	0.04709	502839.31
27	16.20	1822148	Endosulfan I	V	0.04655	484888.10
28	16.74	2001619	Dieldrin	B	0.05151	553456.46
29	16.96	2926		V	0.00293	738.51
30	17.25	1827206	Endrin	B	0.05335	494759.78
31	17.41	1548187	4,4'-DDD	V	0.04921	389154.23
32	17.75	1636893	Endosulfan II	V	0.05127	428890.55
33	18.01	1603621	4,4'-DDT	V	0.06112	420343.06
34	18.42	8476		B	0.00848	2336.79
35	18.56	47927		B	0.04793	14966.93
36	18.67	1132868	Endrin aldehyde	V	0.05137	283748.53
37	19.06	743562	Methoxychlor	B	0.05633	194798.60
38	19.61	1453826	Endo. Sulfate	B	0.04966	361383.48
39	19.90	15999		V	0.01600	3617.31
40	20.04	15172		V	0.01517	3365.82
41	20.22	1739920	Endrin ketone	B	0.04751	419649.61
42	20.98	3237		B	0.00324	1021.56
43	21.79	2879		B	0.00288	298.27
44	22.44	634667	Decachlorobiphenyl	B	0.01900	136540.54
45	22.91	8654		B	0.00865	1983.78
					1.51121	1.03e+07
37067589						

Sample Name : AS80007586
FileName : H:\TURBO6\6890-05\5a10146.raw
Date : 07/02/2008 15:35:18
Method : 6890-5ins
Plot Offset: 10.00 mV

Sample #: A8B1804601
Page 1 of 1
Time of Injection: 07/02/2008 12:59:36
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Scale: 600.0 mV



LABELLA ASSOCIATES
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 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blk Dup

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1804602

Sample wt/vol: 30.76 (g/mL) G Lab File ID: 5B10147.TX0

% Moisture: 0 decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

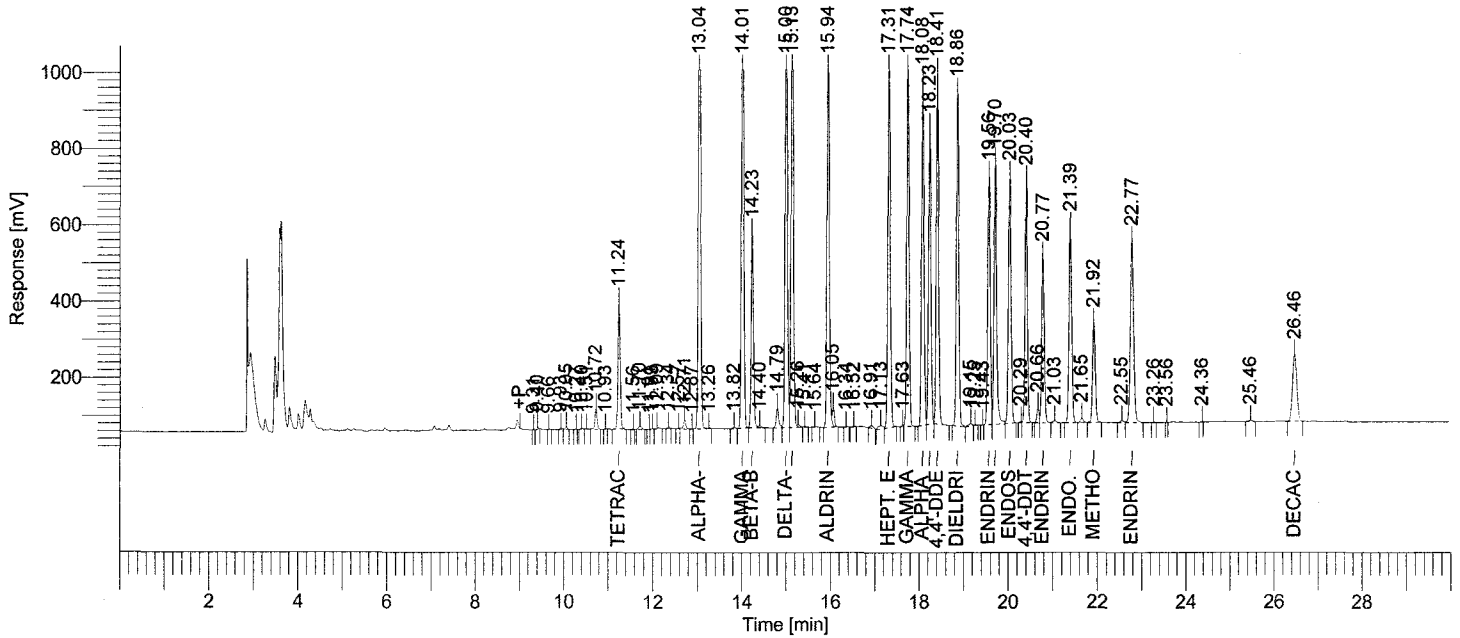
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	15	
319-84-6-----	alpha-BHC	15	
319-85-7-----	beta-BHC	17	
58-89-9-----	gamma-BHC (Lindane)	16	
319-86-8-----	delta-BHC	15	
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	16	
72-55-9-----	4,4'-DDE	16	
50-29-3-----	4,4'-DDT	18	
60-57-1-----	Dieldrin	16	
959-98-8-----	Endosulfan I	15	
33213-65-9----	Endosulfan II	17	
1031-07-8-----	Endosulfan Sulfate	15	
72-20-8-----	Endrin	16	
7421-93-4----	Endrin aldehyde	14	
76-44-8-----	Heptachlor	17	
1024-57-3----	Heptachlor epoxide	16	
72-43-5-----	Methoxychlor	17	
8001-35-2-----	Toxaphene	16	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75056
 Operator : tchrom
 Sample Number : A8B1804602
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 13:36:05

Date : 07/02/2008 15:35:30
 Sample Name : AS80007587
 Study : STA00201
 Rack/Vial : 1/47
 Channel : B
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5b10147.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10147.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10147.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10147.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10147.rst
 Report Format File: h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.31	1884		B	0.00188	910.11
2	9.40	13599		B	0.01360	4796.96
3	9.66	1857		B	0.00186	656.89
4	9.93	11369		B	0.01137	3512.48
5	10.05	19030		V	0.01903	5091.79
6	10.27	2214		B	0.00221	722.88
7	10.40	7231		B	0.00723	1736.60
8	10.51	8479		V	0.00848	1727.70
9	10.72	187634		V	0.18763	54170.09
10	10.93	2523		B	0.00252	893.58
11	11.24	1167980	Tetrachloro-m-xylene	B	0.01810	331096.98
12	11.56	3678		B	0.00368	1068.53
13	11.70	39455		V	0.03945	8647.75
14	11.91	1635		B	0.00164	595.94
15	11.99	4094		V	0.00409	1389.01
16	12.09	19992		B	0.01999	4235.04

7-15-08
 JYB

07/02/2008 15:35:30 Result: H:\TURBO6\6890-05\5b10147.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	12.34	12518		B	0.01252	3992.51
18	12.57	6591		B	0.00659	1950.95
19	12.71	89722		V	0.08972	22440.08
20	12.87	1891		B	0.00189	556.10
21	13.04	4854402	alpha-BHC	V	0.04740	1.41e+06
22	13.26	6288		E	0.00629	899.38
23	13.82	15443		B	0.01544	3976.13
24	14.01	4332644	gamma-BHC	B	0.04870	1.21e+06
25	14.23	1868091	beta-BHC	B	0.05164	509050.20
26	14.40	27671		E	0.02767	5439.70
27	14.79	212952		B	0.21295	50627.91
28	15.00	4111920	delta-BHC	V	0.04755	1.12e+06
29	15.13	4460433	Heptachlor	V	0.05127	1.24e+06
30	15.26	30666		E	0.03067	6428.73
31	15.41	9661		V	0.00966	2414.89
32	15.64	10280		B	0.01028	2135.01
33	15.94	3698402	Aldrin	B	0.04606	1.01e+06
34	16.05	151749		E	0.15175	47502.17
35	16.34	4982		B	0.00498	1469.04
36	16.52	8868		B	0.00887	2128.36
37	16.91	40719		B	0.04072	7404.48
38	17.13	71944		B	0.07194	9827.09
39	17.31	3576527	Hept. epoxide	V	0.05020	941127.44
40	17.63	10725		B	0.01072	4077.62
41	17.74	3540147	gamma chlordane	V	0.04845	948843.88
42	18.08	3381895	alpha chlordane	B	0.05086	903501.12
43	18.23	2983244	Endosulfan I	V	0.04628	775590.82
44	18.41	3313335	4,4'-DDE	B	0.04944	921072.22
45	18.86	3403786	Dieldrin	B	0.04964	873752.64
46	19.15	42342		B	0.04234	6510.38
47	19.25	8154		V	0.00815	2026.91
48	19.43	1195		B	0.00120	436.32
49	19.56	2607283	Endrin	V	0.05003	650595.27
50	19.70	2738428	4,4'-DDD	V	0.04862	685563.72
51	20.03	2626677	Endosulfan II	V	0.05242	647352.77
52	20.29	7496		B	0.00750	2796.17
53	20.40	2364229	4,4'-DDT	V	0.05524	633561.83
54	20.66	139173		B	0.13917	38860.96
55	20.77	1829067	Endrin aldehyde	V	0.04466	434324.15
56	21.03	34876		V	0.03488	5649.12
57	21.39	2229849	Endo. Sulfate	B	0.04589	512369.15
58	21.65	48851		V	0.04885	11223.36
59	21.92	1124399	Methoxychlor	V	0.05374	259754.87
60	22.55	27979		B	0.02798	4864.53
61	22.77	2500026	Endrin ketone	V	0.04472	474184.05
62	23.26	3342		B	0.00334	999.33
64	24.36	1583		B	0.00158	303.43
65	25.46	18497		B	0.01850	3019.47
66	26.46	1193240	Decachlorobiphenyl	B	0.01872	174502.66
					65276836	2.39048 1.70e+07

Sample Name : AS80007587

Sample # : A8B1804602

Page 1 of 1

FileName : H:\TURBO6\6890-05\5b10147.raw

Date : 07/02/2008 15:35:32

Time of Injection: 07/02/2008 13:36:05

Method : 6890-5ins

Start Time : 0.00 min

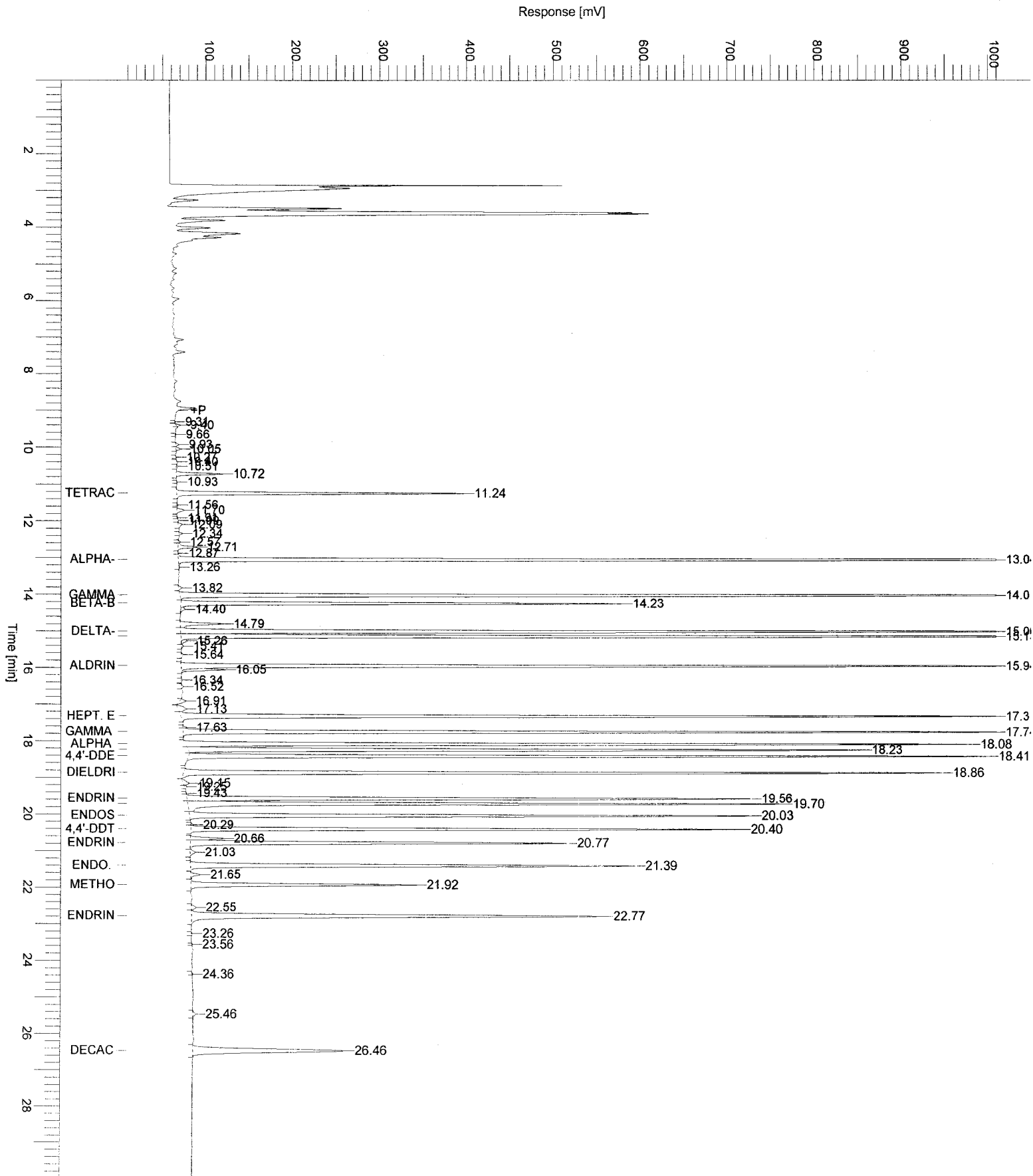
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 1010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75055
 Operator : tchrom
 Sample Number : A8B1804602
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 13:36:05

Date : 07/02/2008 15:35:25
 Sample Name : AS80007587
 Study : STA00201
 Rack/Vial : 1/47
 Channel : A
 A/D mV Range : 1000
 End Time : 29.94 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5a10147.raw <Modified>

Result File : H:\TURBO6\6890-05\5a10147.rst

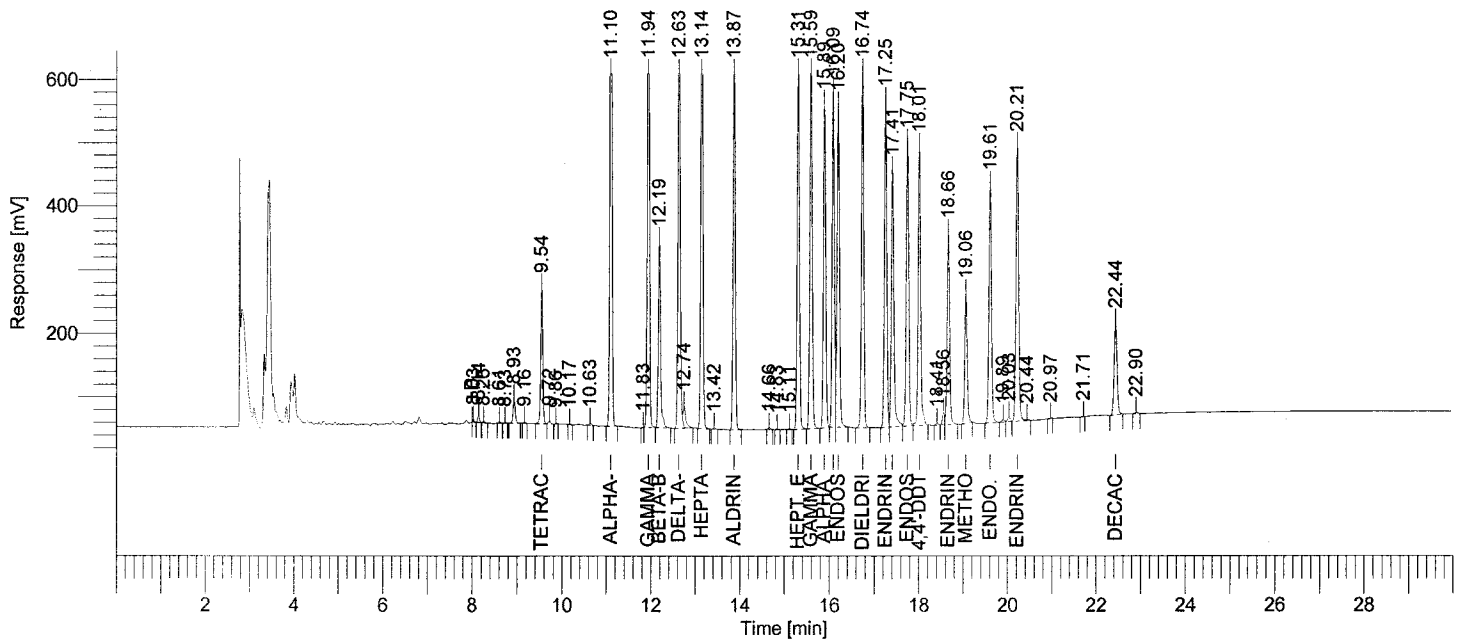
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10147.raw

Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10147.rst

Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10147.rst

Report Format File: h:\turbo6\6890-05\05samp.rpt

Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

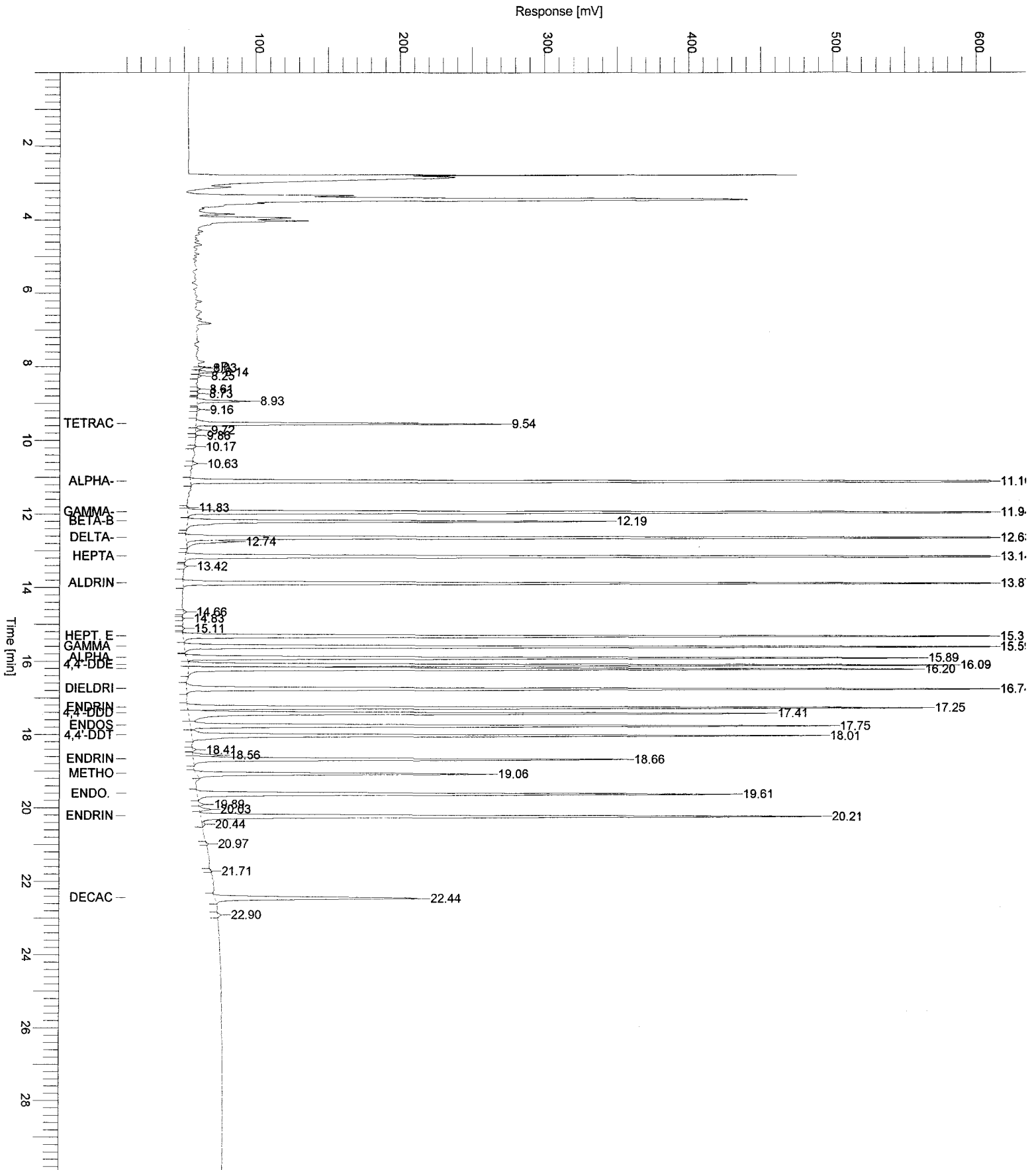
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.03	5727		B	0.00573	2083.76
2	8.14	30190		B	0.03019	11101.77
3	8.25	6724		B	0.00672	1982.24
4	8.61	5154		B	0.00515	1690.60
5	8.73	3436		B	0.00344	1251.94
6	8.93	123140		B	0.12314	36972.71
7	9.16	5527		B	0.00553	2019.90
8	9.54	691785	Tetrachloro-m-xylene	B	0.02297	212451.09
9	9.72	13585		V	0.01359	3887.67
10	9.86	2549		B	0.00255	912.24
11	10.17	3749		B	0.00375	1154.11
12	10.63	12287		B	0.01229	3442.79
13	11.10	2794559	alpha-BHC	B	0.05972	880129.73
14	11.83	2828		B	0.00283	1237.93
15	11.94	2463791	gamma-BHC	V	0.05690	744552.32
16	12.19	1061974	beta-BHC	B	0.06054	290304.82

07/02/2008 15:35:25 Result: H:\TURBO6\6890-05\5a10147.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	12.63	2255157	delta-BHC	B	0.05443	647679.11
18	12.74	137915		E	0.13791	31248.38
19	13.14	2446188	Heptachlor	B	0.05419	732235.67
20	13.42	7040		B	0.00704	1878.14
21	13.87	2028553	Aldrin	B	0.04652	599918.31
22	14.66	8712		B	0.00871	2294.28
23	14.83	2979		B	0.00298	891.87
24	15.11	4091		B	0.00409	1296.85
25	15.31	2044513	Hept. epoxide	B	0.04848	575959.40
26	15.59	2011681	gamma chlordane	B	0.04736	566524.10
27	15.89	1815244	alpha chlordane	B	0.04678	507941.23
28	16.09	1817886	4,4'-DDE	B	0.04900	529214.89
29	16.20	1890757	Endosulfan I	V	0.04834	504445.31
30	16.74	2073536	Dieldrin	B	0.05332	569961.58
31	17.25	1894911	Endrin	B	0.05525	511687.62
32	17.41	1596520	4,4'-DDD	V	0.05070	401811.84
33	17.75	1693481	Endosulfan II	V	0.05302	443554.44
34	18.01	1637921	4,4'-DDT	V	0.06232	435706.87
35	18.41	9440		B	0.00944	2575.84
36	18.56	61745		B	0.06174	18702.84
37	18.66	1183816	Endrin aldehyde	V	0.05378	298742.25
38	19.06	761254	Methoxychlor	B	0.05760	202534.62
39	19.61	1477261	Endo. Sulfate	B	0.05049	371729.57
40	19.89	15605		V	0.01560	3734.97
41	20.03	30244		V	0.03024	7631.93
42	20.21	1793615	Endrin ketone	V	0.04897	430961.42
43	20.44	13174		E	0.01317	2028.21
44	20.97	3485		B	0.00348	1062.96
45	21.71	2172		B	0.00217	442.31
46	22.44	660440	Decachlorobiphenyl	B	0.01983	142903.38
47	22.90	10475		B	0.01047	2255.70
		38616815			1.62247	1.07e+07

Sample Name : AS80007587
FileName : H:\TURBO6\6890-05\5a10147.raw
Date : 07/02/2008 15:35:28
Method : 6890-5ins
Plot Offset: 10.00 mV

Sample #: A8B1804602
Page 1 of 1
Time of Injection: 07/02/2008 13:36:05
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 610.00 mV
Plot Scale: 600.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOILLab Sample ID: A8B1807801Sample wt/vol: 30.56 (g/mL) GLab File ID: 5B10143.TX0% Moisture: 0 decanted: (Y/N) N

Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONCDate Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL)Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL)Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

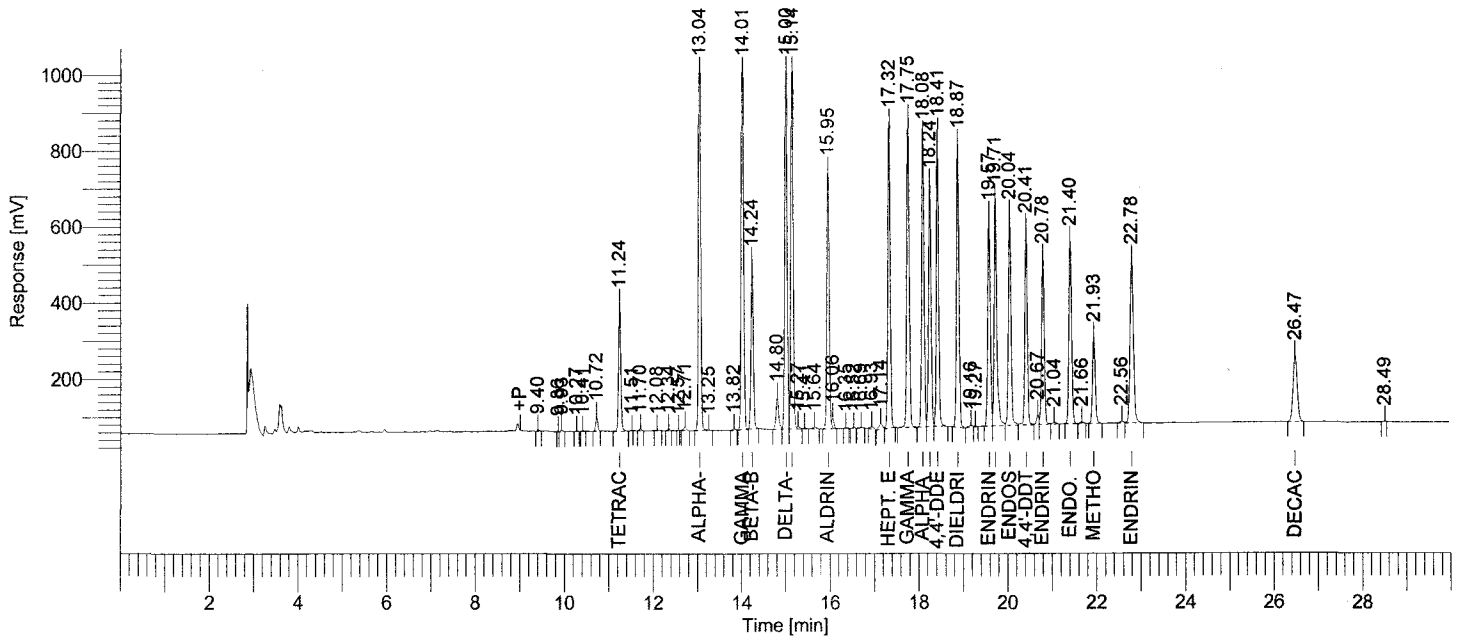
(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	10	
319-84-6-----	alpha-BHC	13	
319-85-7-----	beta-BHC	14	
58-89-9-----	gamma-BHC (Lindane)	14	
319-86-8-----	delta-BHC	14	
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	15	
72-55-9-----	4,4'-DDE	14	
50-29-3-----	4,4'-DDT	15	
60-57-1-----	Dieldrin	14	
959-98-8-----	Endosulfan I	13	
33213-65-9----	Endosulfan II	15	
1031-07-8-----	Endosulfan Sulfate	14	
72-20-8-----	Endrin	14	
7421-93-4----	Endrin aldehyde	14	
76-44-8-----	Heptachlor	14	
1024-57-3----	Heptachlor epoxide	14	
72-43-5-----	Methoxychlor	15	
8001-35-2-----	Toxaphene	16	U

Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 13:16:05
 Reprocess Number : buf2048: 75034
 Operator : tchrom Sample Name : AS80007649
 Sample Number : A8B1807801 Study : STA00201
 AutoSampler : BUILT-IN Rack/Vial : 1/43
 Instrument Name : HP6890-05 Channel : B
 Instrument Serial # : CN10520009 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 29.96 min
 Sampling Rate : 5.0000 pts/s Area Reject : 1000.000000
 Sample Volume : 1.000000 ul Dilution Factor : 1.00
 Sample Amount : 1.0000 Cycle : 1
 Data Acquisition Time : 07/02/2008 11:10:49

Raw Data File : H:\TURBO6\6890-05\5b10143.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10143.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10143.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10143.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10143.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.40	14482		B	0.01448	4527.34
2	9.86	1377		B	0.00138	601.86
3	9.93	14242		V	0.01424	3968.10
4	10.27	3374		B	0.00337	1035.43
5	10.41	3697		B	0.00370	1052.16
6	10.72	126673		B	0.12667	37485.23
7	11.24	1185987	Tetrachloro-m-xylene	B	0.01837	333827.83
8	11.51	2577		B	0.00258	569.00
9	11.70	18392		B	0.01839	5256.99
10	12.08	9257		B	0.00926	1999.64
11	12.34	12895		B	0.01290	3952.40
13	12.71	37830		B	0.03783	10478.55
14	13.04	4175654	alpha-BHC	B	0.04093	1.21e+06
15	13.25	9532		E	0.00953	1350.64
16	13.82	14287		B	0.01429	3647.92
17	14.01	3759235	gamma-BHC	B	0.04221	1.06e+06

7-16-08
JEB

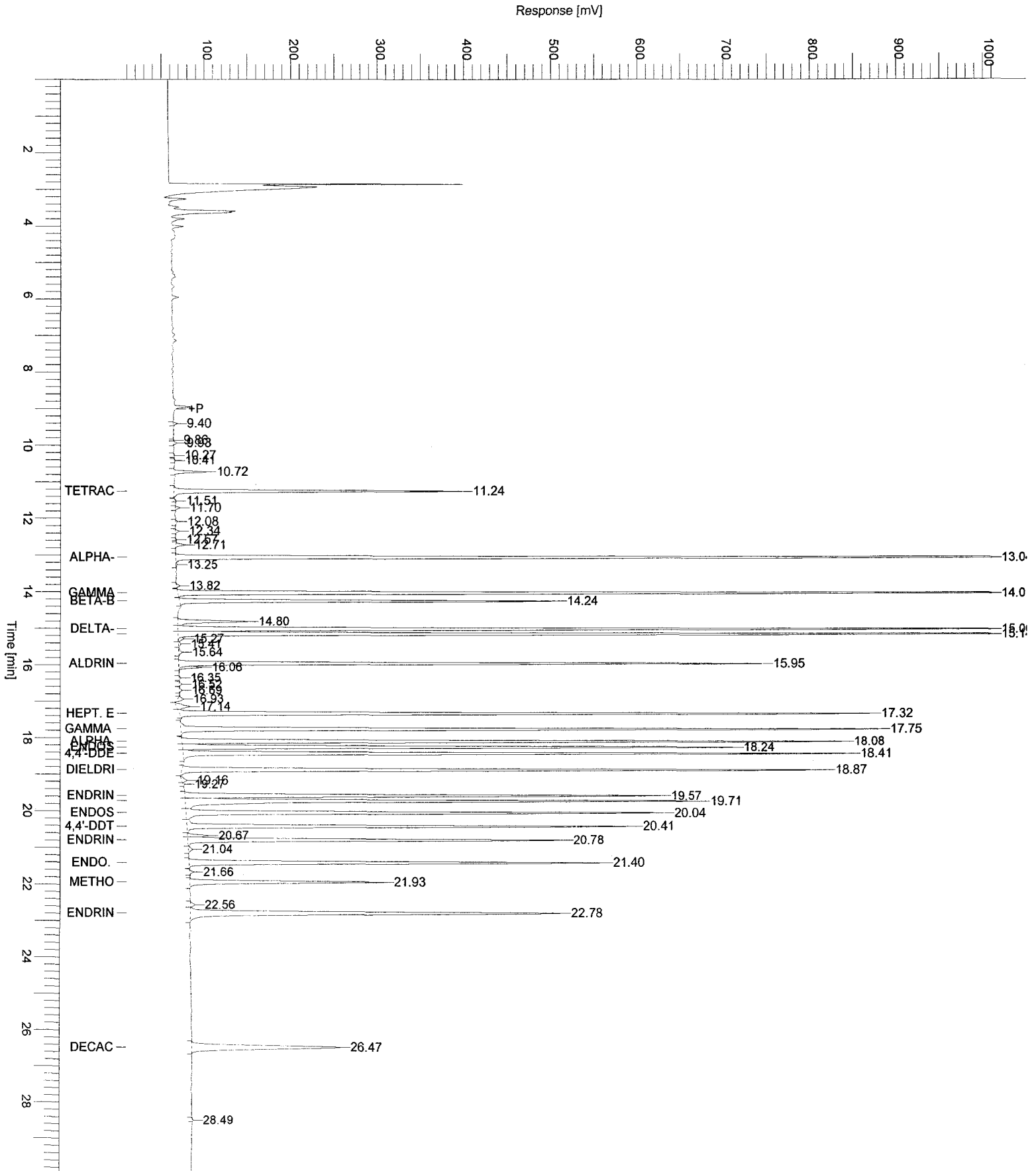
07/02/2008 13:16:05 Result: H:\TURBO6\6890-05\5b10143.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
18	14.24	1601108	beta-BHC	B	0.04414	435644.10
19	14.80	337750		B	0.33775	81853.61
20	15.00	3625791	delta-BHC	V	0.04215	985745.20
21	15.14	3748932	Heptachlor	V	0.04321	1.03e+06
22	15.27	28499		E	0.02850	6101.89
23	15.41	14686		V	0.01469	2872.21
24	15.64	23694		V	0.02369	4051.00
25	15.95	2487959	Aldrin	B	0.03143	675654.97
26	16.06	75531		E	0.07553	24213.20
27	16.35	5960		B	0.00596	1753.91
28	16.52	10414		B	0.01041	2667.42
29	16.69	12220		B	0.01222	2669.24
30	16.93	40813		B	0.04081	6965.94
31	17.14	90595		B	0.09060	15698.25
32	17.32	3061488	Hept. epoxide	V	0.04306	799890.10
33	17.75	3084449	gamma chlordane	B	0.04225	808515.74
34	18.08	2908377	alpha chlordane	B	0.04380	765416.15
35	18.24	2487656	Endosulfan I	V	0.03859	637109.50
36	18.41	2826372	4,4'-DDE	V	0.04233	771264.31
37	18.87	2918008	Dieldrin	B	0.04270	743674.12
38	19.16	38095		B	0.03809	5953.43
39	19.27	7128		V	0.00713	1695.37
40	19.57	2206149	Endrin	B	0.04264	550289.28
41	19.71	2569552	4,4'-DDD	V	0.04573	595578.95
42	20.04	2298124	Endosulfan II	V	0.04577	552523.29
43	20.41	1985854	4,4'-DDT	V	0.04717	515042.04
44	20.67	87302		V	0.08730	24402.36
45	20.78	1821404	Endrin aldehyde	V	0.04447	433528.91
46	21.04	28387		V	0.02839	4621.19
47	21.40	2082701	Endo. Sulfate	B	0.04287	477784.63
48	21.66	15460		B	0.01546	3938.28
49	21.93	971548	Methoxychlor	B	0.04689	224080.64
50	22.56	27879		B	0.02788	5130.25
51	22.78	2279271	Endrin ketone	V	0.04078	427567.54
52	26.47	1170128	Decachlorobiphenyl	B	0.01834	171446.33
53	28.49	2363		B	0.00236	596.37
					2.00522	1.45e+07
56371135						

Chromatogram

2254/4151

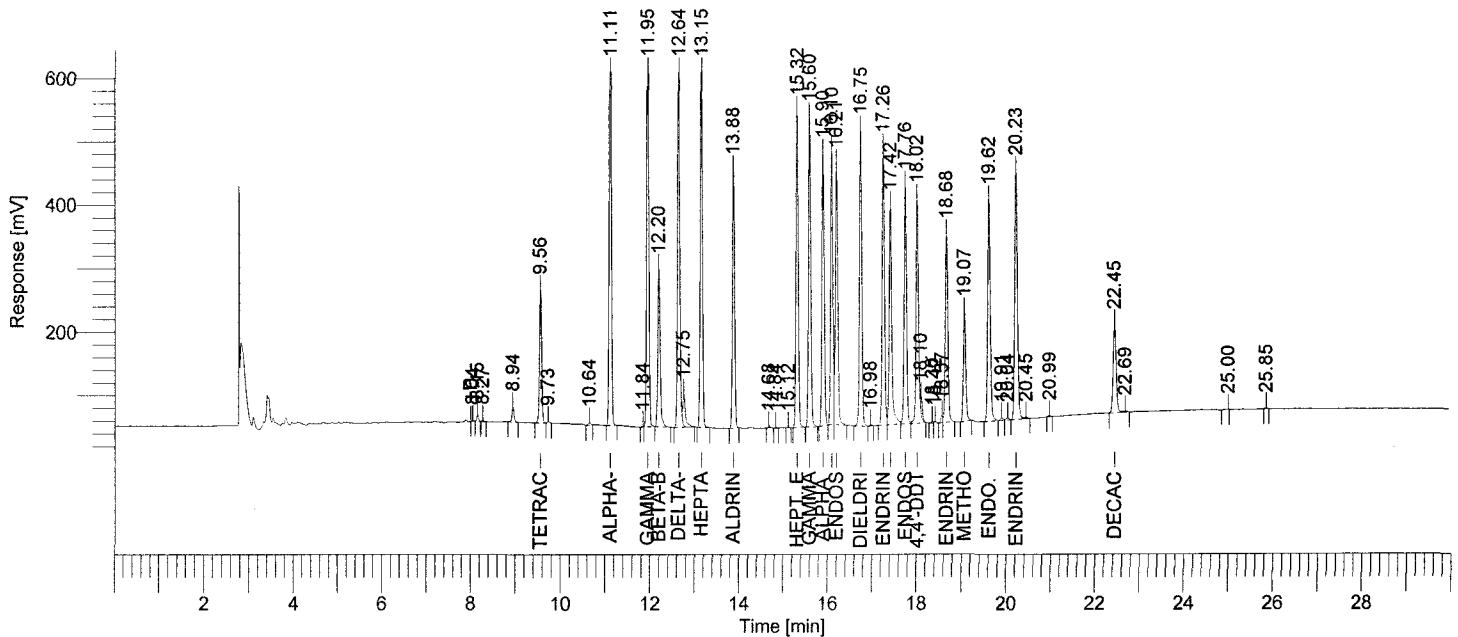
Sample Name : AS80007649 Sample #: A8B1807801 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10143.raw
Date : 07/02/2008 13:16:06 Time of Injection: 07/02/2008 11:10:49
Method : 6890-5ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75033
 Operator : tchrom
 Sample Number : A8B1807801
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 11:10:49

Date : 07/02/2008 13:16:01
 Sample Name : AS80007649
 Study : STA00201
 Rack/Vial : 1/43
 Channel : A
 A/D mV Range : 1000
 End Time : 29.96 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-05\5a10143.raw <Modified>
 Result File : H:\TURBO6\6890-05\5a10143.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10143.raw
 Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10143.rst
 Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10143.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



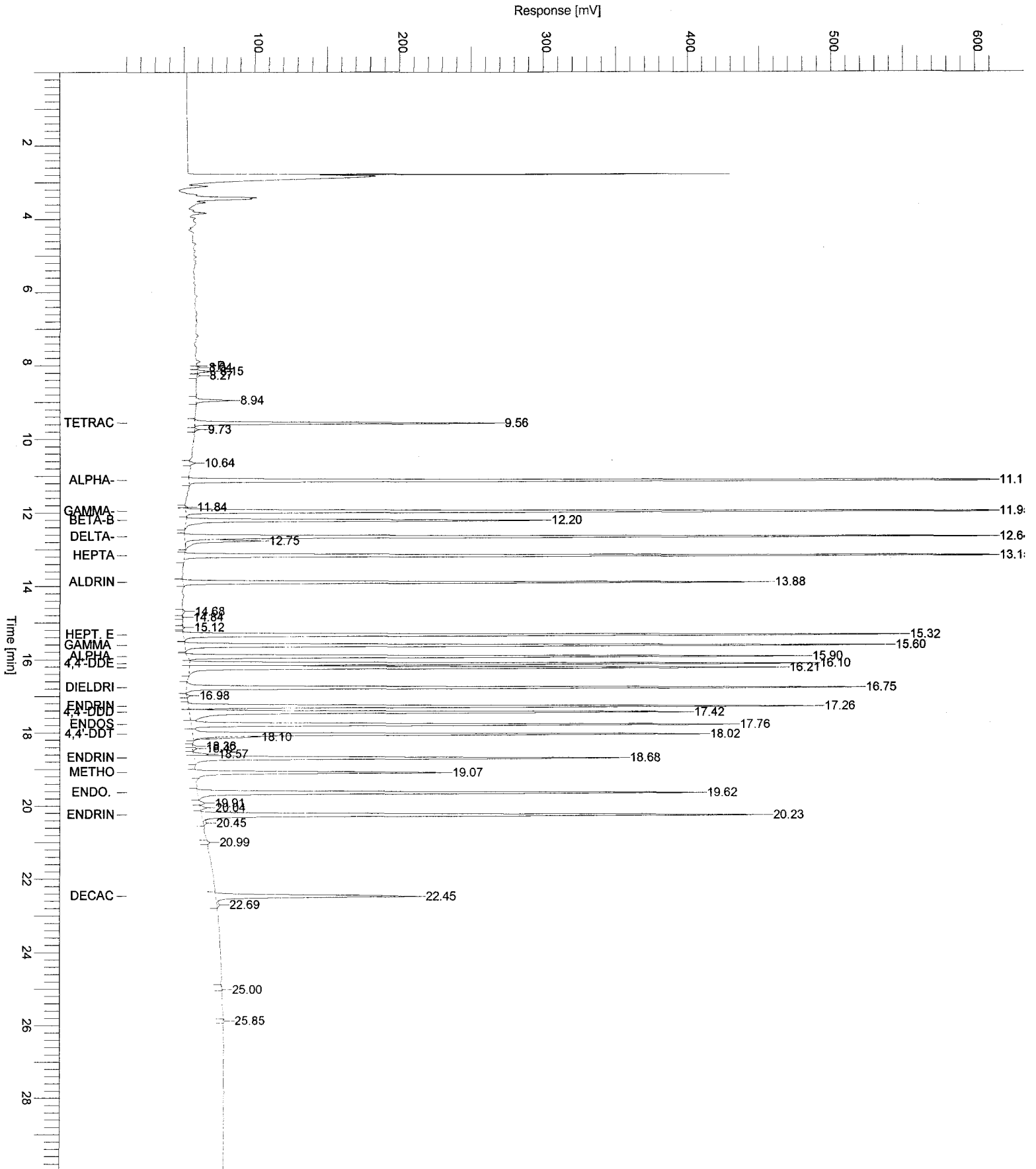
HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.04	4047		B	0.00405	1196.30
2	8.15	26113		V	0.02611	9231.03
3	8.27	5905		B	0.00590	1918.21
4	8.94	79701		B	0.07970	24203.87
5	9.56	677710	Tetrachloro-m-xylene	B	0.02252	208890.12
6	9.73	7540		V	0.00754	2532.76
7	10.64	13694		B	0.01369	3538.43
8	11.11	2396607	alpha-BHC	B	0.05153	751430.67
9	11.84	3784		B	0.00378	1400.38
10	11.95	2119921	gamma-BHC	V	0.04926	637624.57
11	12.20	895349	beta-BHC	B	0.05119	247347.96
12	12.64	1979566	delta-BHC	B	0.04804	566968.94
13	12.75	206187		E	0.20619	49132.29
14	13.15	2040435	Heptachlor	B	0.04549	614077.27
15	13.88	1359320	Aldrin	B	0.03177	404824.45
16	14.68	6688		B	0.00669	1498.51

07/02/2008 13:16:01 Result: H:\TURBO6\6890-05\5a10143.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	14.84	2327		B	0.00233	696.01
18	15.12	3702		B	0.00370	1180.34
19	15.32	1769981	Hept. epoxide	B	0.04204	498426.16
20	15.60	1732785	gamma chlordanes	B	0.04089	487034.28
21	15.90	1548920	alpha chlordanes	B	0.04006	427834.88
22	16.10	1501933	4,4'-DDE	B	0.04086	431365.09
23	16.21	1560683	Endosulfan I	V	0.03972	410545.28
24	16.75	1724981	Dieldrin	B	0.04455	465379.85
25	16.98	7120		B	0.00712	1958.33
26	17.26	1616468	Endrin	B	0.04745	435350.99
27	17.42	1401361	4,4'-DDD	V	0.04469	343693.28
28	17.76	1424653	Endosulfan II	V	0.04469	374426.01
29	18.02	1345682	4,4'-DDT	V	0.05212	352589.13
30	18.10	80857		E	0.08086	22684.59
31	18.36	8697		B	0.00870	2532.49
32	18.42	9472		V	0.00947	2524.07
33	18.57	32133		B	0.03213	10565.99
34	18.68	1182140	Endrin aldehyde	V	0.05370	295540.29
35	19.07	655106	Methoxychlor	B	0.04997	171257.40
36	19.62	1414101	Endo. Sulfate	B	0.04826	347088.91
37	19.91	17126		V	0.01713	3839.63
38	20.04	17297		V	0.01730	3635.45
39	20.23	1646751	Endrin ketone	B	0.04497	390479.92
40	20.45	14474		E	0.01447	2159.82
41	20.99	5758		B	0.00576	1569.10
42	22.45	651576	Decachlorobiphenyl	B	0.01955	138871.75
43	22.69	12760		E	0.01276	1924.58
44	25.00	2792		B	0.00279	225.38
45	25.85	3623		B	0.00362	918.13
		33217825			1.52513	9.15e+06

Sample Name : AS80007649
Sample # : A8B1807801 Page 1 of 1
FileName : H:\TURBO6\6890-05\5a10143.raw
Date : 07/02/2008 13:16:03
Method : 6890-5ins Time of Injection: 07/02/2008 11:10:49
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blk Dup

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1807802

Sample wt/vol: 30.45 (g/mL) G Lab File ID: 5B10144.TX0

% Moisture: 0 decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

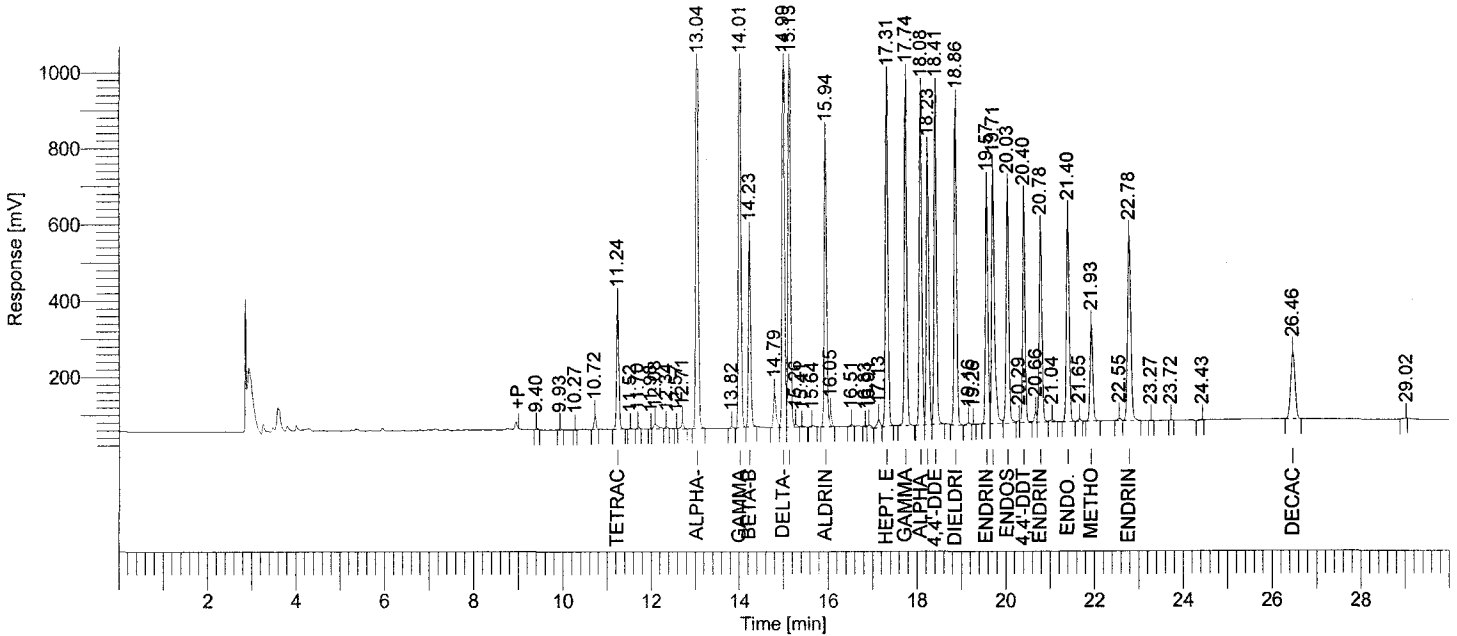
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	12	
319-84-6-----	alpha-BHC	15	
319-85-7-----	beta-BHC	16	
58-89-9-----	gamma-BHC (Lindane)	16	
319-86-8-----	delta-BHC	16	
57-74-9-----	Chlordane	16	U
72-54-8-----	4,4'-DDD	17	
72-55-9-----	4,4'-DDE	16	
50-29-3-----	4,4'-DDT	17	
60-57-1-----	Dieldrin	16	
959-98-8-----	Endosulfan I	14	
33213-65-9----	Endosulfan II	17	
1031-07-8----	Endosulfan Sulfate	16	
72-20-8-----	Endrin	16	
7421-93-4----	Endrin aldehyde	17	
76-44-8-----	Heptachlor	16	
1024-57-3----	Heptachlor epoxide	16	
72-43-5-----	Methoxychlor	17	
8001-35-2----	Toxaphene	16	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75036
 Operator : tchrom
 Sample Number : A8B1807802
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 11:46:59

Date : 07/02/2008 13:16:12
 Sample Name : AS80007650
 Study : STA00201
 Rack/Vial : 1/44
 Channel : B
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5b10144.raw <Modified>
 Result File : H:\TURBO6\6890-05\5b10144.rst
 Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5b10144.raw
 Proc Method : h:\turbo6\6890-05\05b-process.mth from H:\TURBO6\6890-05\5b10144.rst
 Calib Method : h:\turbo6\6890-05\05b(06-16-08)1.mth from H:\TURBO6\6890-05\5b10144.rst
 Report Format File : h:\turbo6\6890-05\05samp.rpt
 Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

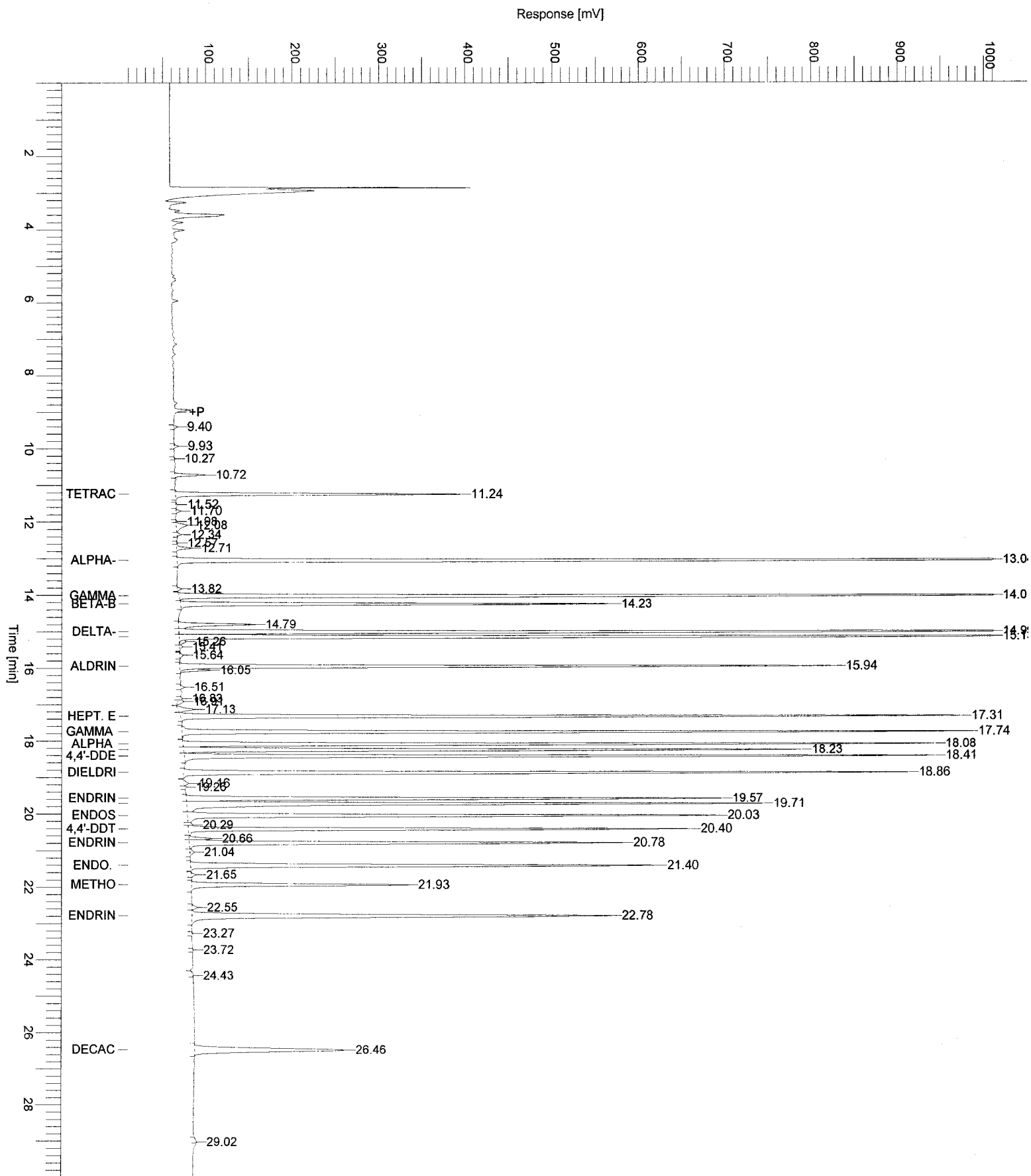
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	9.40	14037		B	0.01404	4351.38
2	9.93	15509		B	0.01551	4489.31
3	10.27	1942		B	0.00194	650.16
4	10.72	121377		B	0.12138	36064.14
5	11.24	1166456	Tetrachloro-m-xylene	B	0.01808	330717.38
6	11.52	8195		B	0.00820	1518.88
7	11.70	18532		B	0.01853	5307.26
8	11.98	4158		B	0.00416	1484.74
9	12.08	89068		V	0.08907	12465.30
10	12.34	16609		V	0.01661	4526.65
11	12.57	4068		B	0.00407	1242.05
12	12.71	67836		V	0.06784	17195.58
13	13.04	4691250	alpha-BHC	B	0.04585	1.35e+06
14	13.82	18045		B	0.01804	4692.58
15	14.01	4213837	gamma-BHC	B	0.04735	1.17e+06
16	14.23	1827172	beta-BHC	B	0.05049	497517.56

7-16-08
 LBYB

07/02/2008 13:16:12 Result: H:\TURBO6\6890-05\5b10144.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	14.79	384632		B	0.38463	89076.51
18	14.99	4136318	delta-BHC	V	0.04782	1.13e+06
19	15.13	4242838	Heptachlor	V	0.04881	1.16e+06
20	15.26	34992		E	0.03499	7034.94
21	15.41	16908		V	0.01691	3357.64
22	15.64	18738		V	0.01874	3541.62
23	15.94	2794598	Aldrin	B	0.03513	757964.22
24	16.05	99733		E	0.09973	31914.89
25	16.51	16614		B	0.01661	4431.26
26	16.83	11727		B	0.01173	3256.10
27	16.91	39206		V	0.03921	6472.24
28	17.13	103723		B	0.10372	20164.37
29	17.31	3448275	Hept. epoxide	V	0.04842	903165.67
30	17.74	3435205	gamma chlordane	B	0.04703	908781.03
31	18.08	3290948	alpha chlordane	B	0.04951	870297.77
32	18.23	2784849	Endosulfan I	V	0.04320	714683.20
33	18.41	3187774	4,4'-DDE	V	0.04761	868414.26
34	18.86	3272834	Dieldrin	B	0.04777	838461.59
35	19.16	31958		B	0.03196	5708.66
36	19.26	6084		V	0.00608	1553.02
37	19.57	2485129	Endrin	B	0.04778	619573.54
38	19.71	2905178	4,4'-DDD	V	0.05148	666233.93
39	20.03	2562910	Endosulfan II	V	0.05113	612664.94
40	20.29	20451		V	0.02045	5388.73
41	20.40	2206590	4,4'-DDT	V	0.05188	580120.51
42	20.66	95610		V	0.09561	26645.40
43	20.78	2116303	Endrin aldehyde	V	0.05172	501000.97
44	21.04	31350		V	0.03135	4920.20
45	21.40	2350318	Endo. Sulfate	B	0.04837	538818.53
46	21.65	19811		B	0.01981	5362.06
47	21.93	1090190	Methoxychlor	B	0.05221	250193.69
48	22.55	32701		B	0.03270	5783.90
49	22.78	2554208	Endrin ketone	V	0.04568	484664.39
50	23.27	4082		B	0.00408	1062.19
51	23.72	2593		B	0.00259	735.35
52	24.43	9329		B	0.00933	621.53
53	26.46	1181038	Decachlorobiphenyl	B	0.01852	174136.38
54	29.02	4431		B	0.00443	601.86
					2.35989	1.63e+07
63308267						

Sample Name : AS80007650 Sample #: A8B1807802 Page 1 of 1
FileName : H:\TURBO6\6890-05\5b10144.raw
Date : 07/02/2008 13:16:13 Time of Injection: 07/02/2008 11:46:59
Method : 6890-5ins Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 1010.00 mV
Plot Offset: 10.00 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2048: 75035
 Operator : tchrom
 Sample Number : A8B1807802
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-05
 Instrument Serial # : CN10520009
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 11:46:59

Date : 07/02/2008 13:16:08
 Sample Name : AS80007650
 Study : STA00201
 Rack/Vial : 1/44
 Channel : A
 A/D mV Range : 1000
 End Time : 29.99 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-05\5a10144.raw <Modified>

Result File : H:\TURBO6\6890-05\5a10144.rst

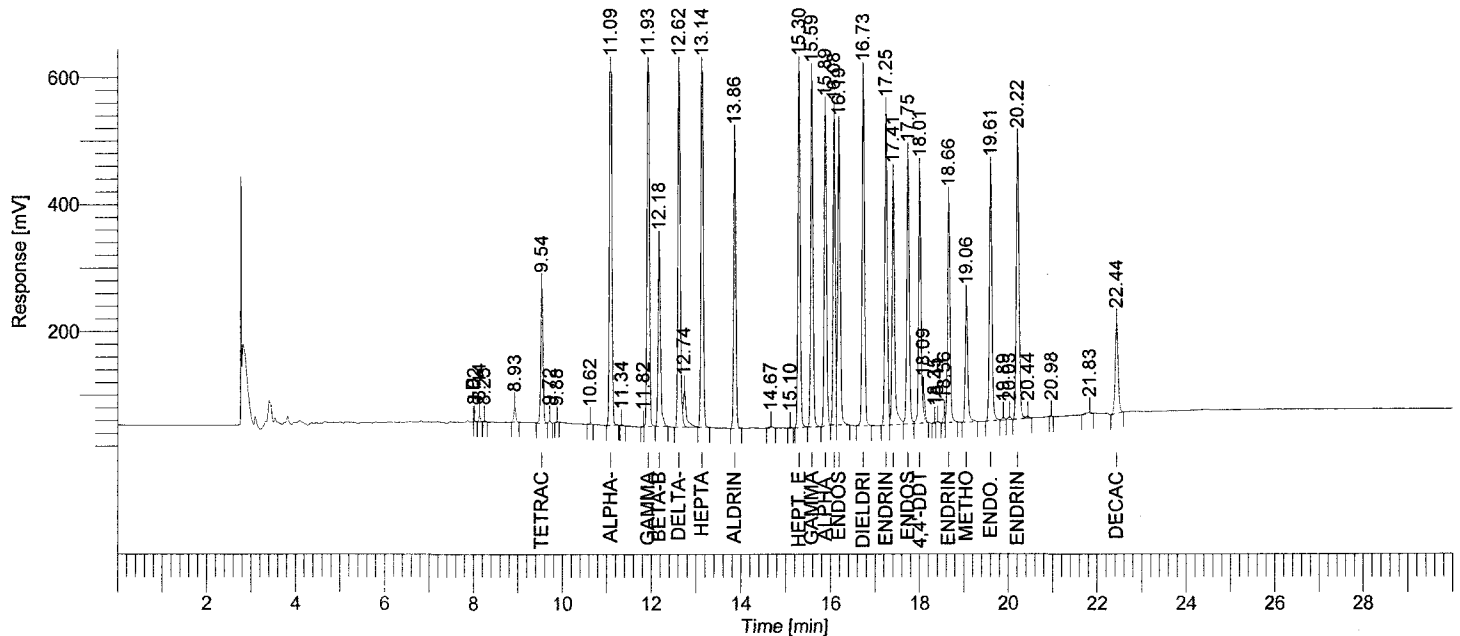
Inst Method : H:\TURBO6\6890-05\6890-5ins from H:\TURBO6\6890-05\5a10144.raw

Proc Method : h:\turbo6\6890-05\05a-process.mth from H:\TURBO6\6890-05\5a10144.rst

Calib Method : h:\turbo6\6890-05\05a(06-16-08)2.mth from H:\TURBO6\6890-05\5a10144.rst

Report Format File: h:\turbo6\6890-05\05samp.rpt

Sequence File : H:\TURBO6\6890-05\5D-10.seq



HP 6890-05 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.02	1929		B	0.00193	812.32
2	8.14	23990		B	0.02399	8686.38
3	8.25	6311		B	0.00631	2092.71
4	8.93	73595		B	0.07359	22883.66
5	9.54	689380	Tetrachloro-m-xylene	B	0.02289	211731.04
6	9.72	10152		V	0.01015	3196.39
7	9.88	2678		B	0.00268	742.47
8	10.62	9850		B	0.00985	2987.13
9	11.09	2714937	alpha-BHC	B	0.05808	849878.05
10	11.34	3214		B	0.00321	998.13
11	11.82	3243		B	0.00324	1364.60
12	11.93	2396203	gamma-BHC	V	0.05540	725340.65
13	12.18	1019775	beta-BHC	B	0.05817	283421.56
14	12.62	2269577	delta-BHC	B	0.05476	646248.48
15	12.74	260966		E	0.26097	53710.56
16	13.14	2322028	Heptachlor	V	0.05153	696361.23

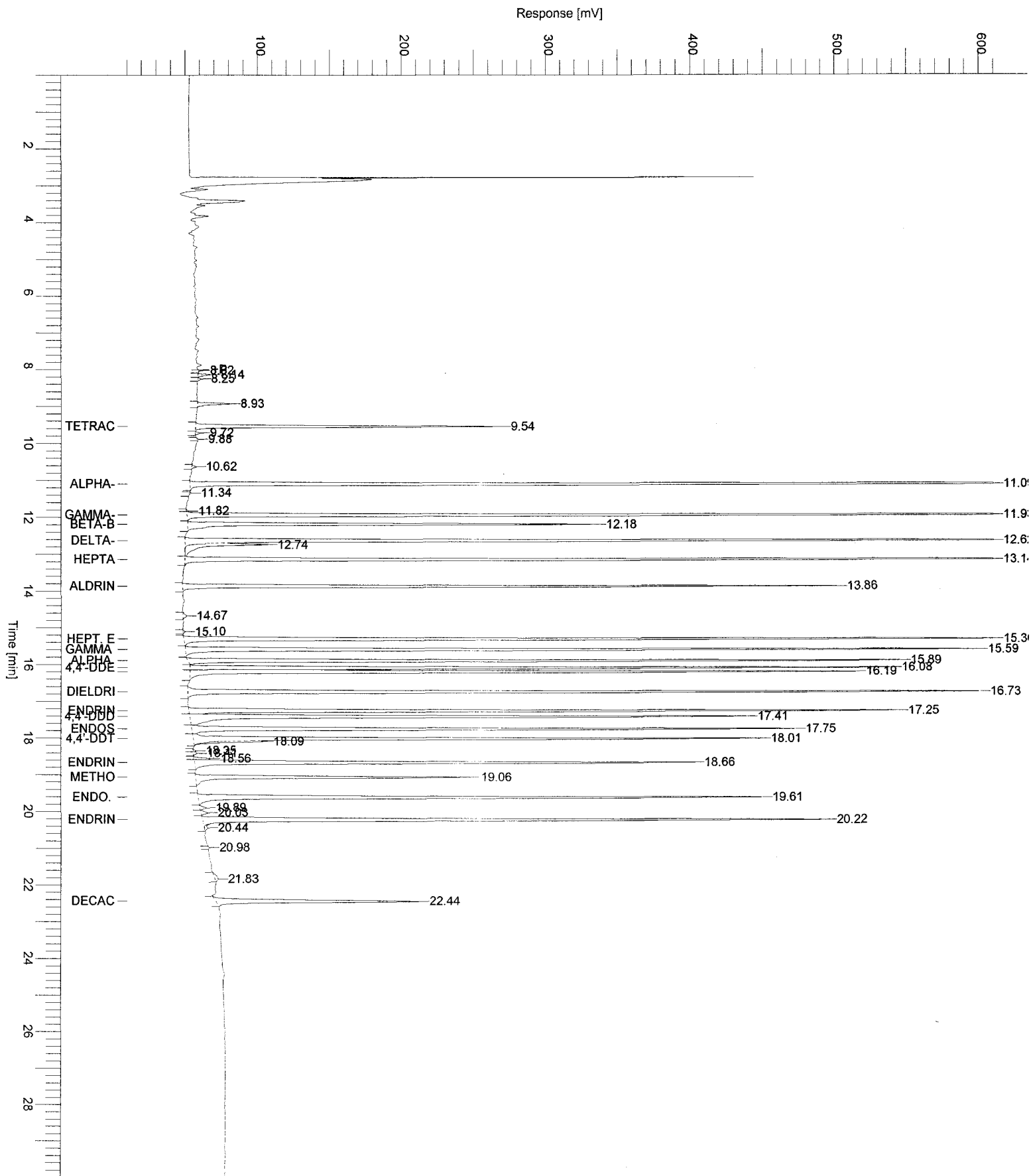
07/02/2008 13:16:08 Result: H:\TURBO6\6890-05\5a10144.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
17	13.86	1524987	Aldrin	B	0.03542	453464.05
18	14.67	13459		B	0.01346	2362.77
19	15.10	4311		B	0.00431	1343.97
20	15.30	2006505	Hept. epoxide	B	0.04759	562485.17
21	15.59	1953118	gamma chlordane	B	0.04600	549115.19
22	15.89	1772089	alpha chlordane	B	0.04569	494215.68
23	16.08	1698567	4,4'-DDE	B	0.04593	486449.30
24	16.19	1763720	Endosulfan I	V	0.04502	461810.68
25	16.73	2011562	Dieldrin	B	0.05176	549116.12
26	17.25	1818311	Endrin	B	0.05310	491555.43
27	17.41	1577239	4,4'-DDD	V	0.05011	386241.69
28	17.75	1621741	Endosulfan II	V	0.05080	418067.44
29	18.01	1515826	4,4'-DDT	V	0.05806	392903.14
30	18.09	94844		E	0.09484	27619.98
31	18.35	5338		B	0.00534	1817.65
32	18.41	10475		V	0.01047	2555.35
33	18.56	34088		B	0.03409	11430.00
34	18.66	1385745	Endrin aldehyde	V	0.06331	346111.26
35	19.06	749526	Methoxychlor	B	0.05675	190836.99
36	19.61	1587636	Endo. Sulfate	B	0.05437	390705.49
37	19.89	17569		V	0.01757	4070.00
38	20.03	19703		V	0.01970	4500.94
39	20.22	1829548	Endrin ketone	B	0.04995	432574.71
40	20.44	15610		E	0.01561	2384.05
41	20.98	2241		B	0.00224	772.11
42	21.83	21978		B	0.02198	2139.00
43	22.44	657842	Decachlorobiphenyl	B	0.01975	141160.95
					1.71000	1.03e+07
		37521403				

Chromatogram

2264/4151

Sample Name : AS80007650 Sample #: A8B1807802 Page 1 of 1
File Name : H:\TURBO6\6890-05\5a10144.raw
Date : 07/02/2008 13:16:10
Method : 6890-5ins Time of Injection: 07/02/2008 11:46:59
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 610.00 mV
Plot Offset: 10.00 mV Plot Scale: 600.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1833801Sample wt/vol: 30.14 (g/mL) G Lab File ID: 6B15037.TX0% Moisture: 0 decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/10/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

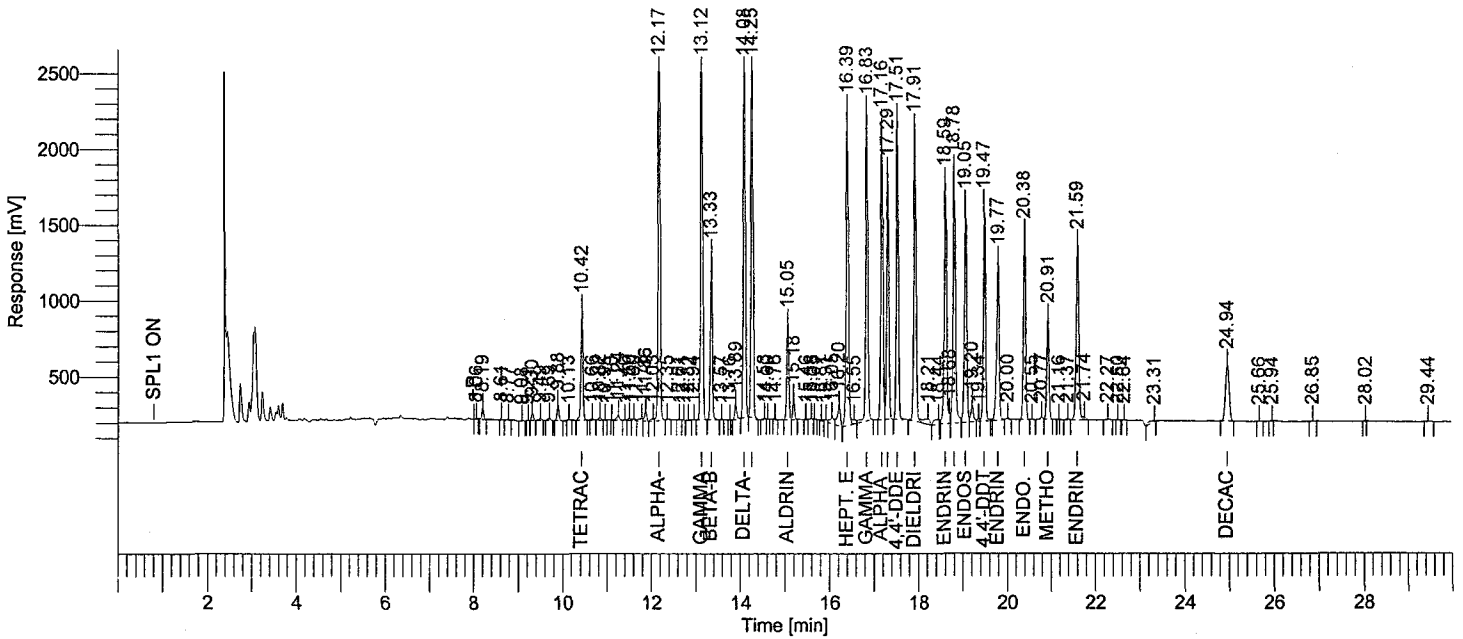
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2-----	Aldrin	4.6	B
319-84-6-----	alpha-BHC	16	B
319-85-7-----	beta-BHC	16	
58-89-9-----	gamma-BHC (Lindane)	16	
319-86-8-----	delta-BHC	16	
57-74-9-----	Chlordane	17	U
72-54-8-----	4,4'-DDD	22	
72-55-9-----	4,4'-DDE	17	B
50-29-3-----	4,4'-DDT	20	
60-57-1-----	Dieldrin	17	
959-98-8-----	Endosulfan I	16	B
33213-65-9---	Endosulfan II	17	
1031-07-8----	Endosulfan Sulfate	16	
72-20-8-----	Endrin	19	
7421-93-4----	Endrin aldehyde	19	
76-44-8-----	Heptachlor	16	
1024-57-3----	Heptachlor epoxide	18	
72-43-5-----	Methoxychlor	19	
8001-35-2-----	Toxaphene	17	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76604
 Operator : tchrom
 Sample Number : A8B1833801
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 16:45:56

Date : 07/11/2008 06:47:06
 Sample Name : AS80007805MSB
 Study : CTA39612
 Rack/Vial : 1/37
 Channel : B
 A/D mV Range : 1000
 End Time : 29.95 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 5

STA00201

Raw Data File : H:\TURBO6\6890-06\6b15037.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15037.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15037.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15037.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08).mth from H:\TURBO6\6890-06\6b15037.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.06	23156		B	0.02316	6766.18
2	8.19	218064		V	0.21806	74532.32
3	8.61	48549		B	0.04855	16659.00
4	8.77	30101		V	0.03010	6609.05
5	9.08	23828		B	0.02383	5733.56
7	9.30	153108		B	0.15311	52893.83
8	9.49	50636		V	0.05064	12366.07
9	9.69	66271		B	0.06627	14750.05
10	9.88	306364		B	0.30636	100004.75
11	10.13	16435		B	0.01644	5541.21
12	10.42	2312798	Tetrachloro-m-xylene	B	0.01859	727386.86
13	10.66	30845		B	0.03084	7932.28
14	10.82	70083		V	0.07008	15376.68
15	10.95	6474		B	0.00647	2526.41
17	11.24	130856		B	0.13086	29566.46
18	11.40	12387		V	0.01239	4451.74
19	11.50	51932		B	0.05193	15090.20
20	11.60	60407		V	0.06041	11762.19
21	11.78	115024		V	0.11502	17262.77
22	11.86	232333		V	0.23233	64847.71
23	12.03	94739		B	0.09474	16162.81
24	12.17	9515111	alpha-BHC	V	0.04681	3.06e+06

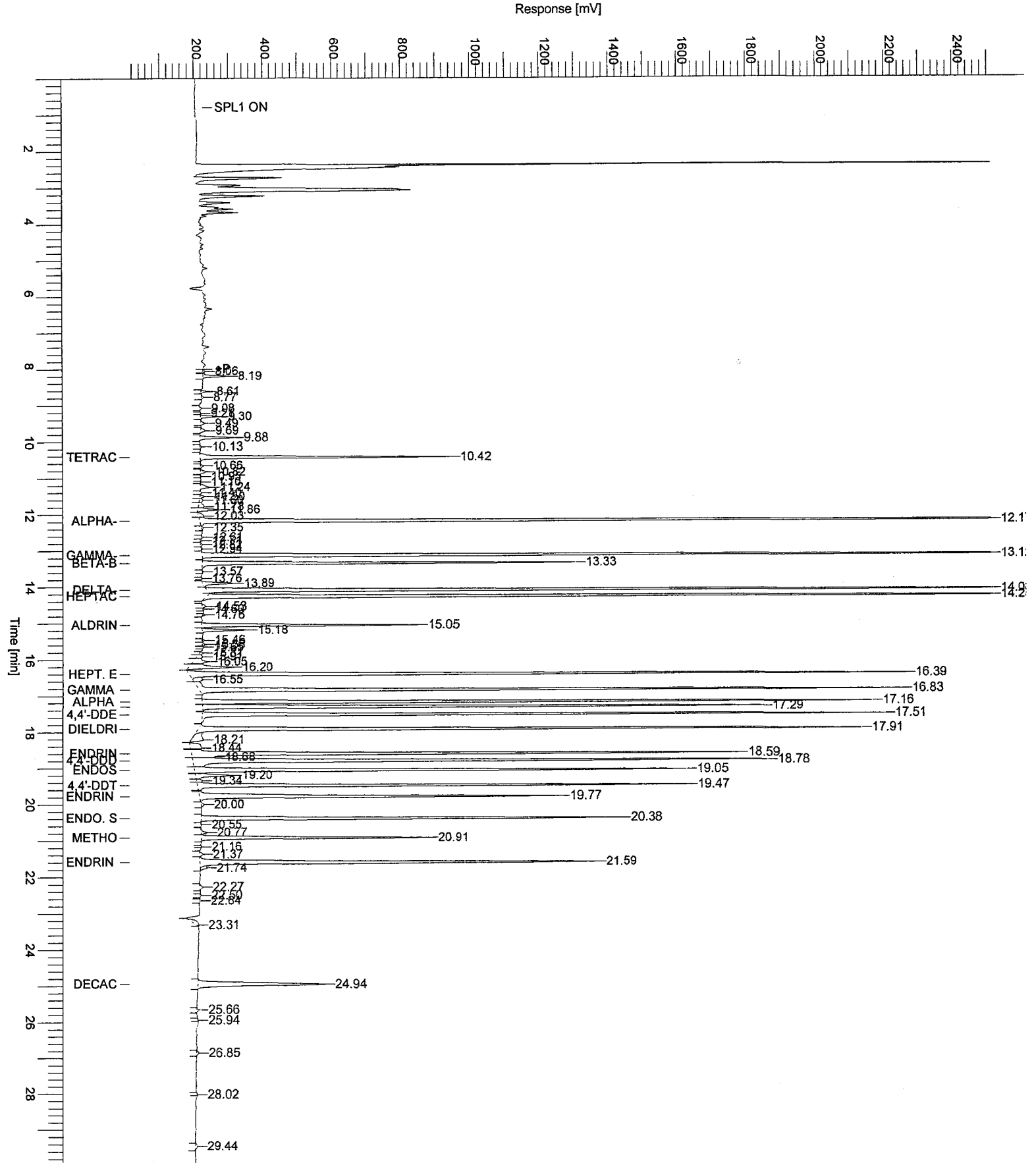
*7-11-08
WJW*

07/11/2008 06:47:06 Result: H:\TURBO6\6890-06\6b15037.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
25	12.35	23849		V	0.02385	6254.41
26	12.61	20571		B	0.02057	5641.84
27	12.71	13349		V	0.01335	4579.42
28	12.82	24709		B	0.02471	5123.97
29	12.94	14766		V	0.01477	4253.29
30	13.12	8273556	gamma-BHC	B	0.04686	2.60e+06
31	13.33	3516815	beta-BHC	B	0.04913	1.08e+06
32	13.57	8545		B	0.00854	2774.56
34	13.89	320156		B	0.32016	92322.61
35	14.08	8120529	delta-BHC	B	0.04756	2.54e+06
36	14.25	8372344	Heptachlor	B	0.04982	2.61e+06
37	14.53	42418		B	0.04242	10184.70
38	14.60	10635		V	0.01064	4002.83
39	14.76	18384		B	0.01838	6740.80
40	15.05	2041189	Aldrin	B	0.01404	628999.52
41	15.18	405827		B	0.40583	132782.04
42	15.46	19118		B	0.01912	6548.60
43	15.58	30788		V	0.03079	8772.46
44	15.65	10798		V	0.01080	4182.08
45	15.81	41802		B	0.04180	10309.22
46	15.91	79535		V	0.07954	17265.89
47	16.05	278732		V	0.27873	42300.34
48	16.20	635690		V	0.63569	128669.88
49	16.39	7206816	Hept. epoxide	B	0.05337	2.08e+06
50	16.55	183910		E	0.18391	29657.35
51	16.83	7063187	gamma chlordane	V	0.05204	2.04e+06
52	17.16	6498914	alpha chlordane	B	0.05143	1.94e+06
53	17.29	5606078	Endosulfan I	V	0.04727	1.62e+06
54	17.51	6374627	4,4'-DDE	B	0.05274	1.98e+06
55	17.91	6674208	Dieldrin	B	0.05223	1.92e+06
56	18.21	389505		E	0.38951	36702.20
57	18.44	287825		B	0.28783	32470.23
58	18.59	5987882	Endrin	V	0.05640	1.59e+06
60	18.78	6546607	4,4'-DDD	V	0.06486	1.67e+06
61	19.05	5276457	Endosulfan II	V	0.05253	1.43e+06
62	19.20	459175		V	0.45917	106893.56
63	19.34	72939		V	0.07294	16482.59
64	19.47	4848471	4,4'-DDT	V	0.05977	1.42e+06
65	19.77	4216234	Endrin aldehyde	V	0.05663	1.05e+06
66	20.00	45016		V	0.04502	8690.06
67	20.38	4390290	Endo. Sulfate	B	0.04863	1.22e+06
68	20.55	8184		B	0.00818	2454.27
69	20.77	75723		B	0.07572	18254.02
70	20.91	2271423	Methoxychlor	V	0.05863	659599.11
72	21.37	50289		B	0.05029	10147.54
73	21.59	4866518	Endrin ketone	V	0.05168	1.15e+06
74	21.74	88710		E	0.08871	17685.63
75	22.27	43145		B	0.04314	8455.94
76	22.50	11356		B	0.01136	3419.34
77	22.64	14917		B	0.01492	4050.31
78	23.31	136728		B	0.13673	4785.84
79	24.94	2035687	Decachlorobiphenyl	B	0.02063	369470.75
80	25.66	18512		B	0.01851	4404.44
82	26.85	31629		B	0.03163	6451.85
84	29.44	35023		B	0.03502	5495.48
		1e+08			6.74549	3.67e+07

Sample Name : AS80007805MSB
FileName : H:\TURBO6\6890-06\6b15037.raw
Date : 07/11/2008 06:47:07
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: A8B1833801 Page 1 of 1
Time of Injection: 07/10/2008 16:45:56
End Time : 30.00 min Low Point : 10.00 mV High Point : 2510.00 mV
Plot Scale: 2500.0 mV



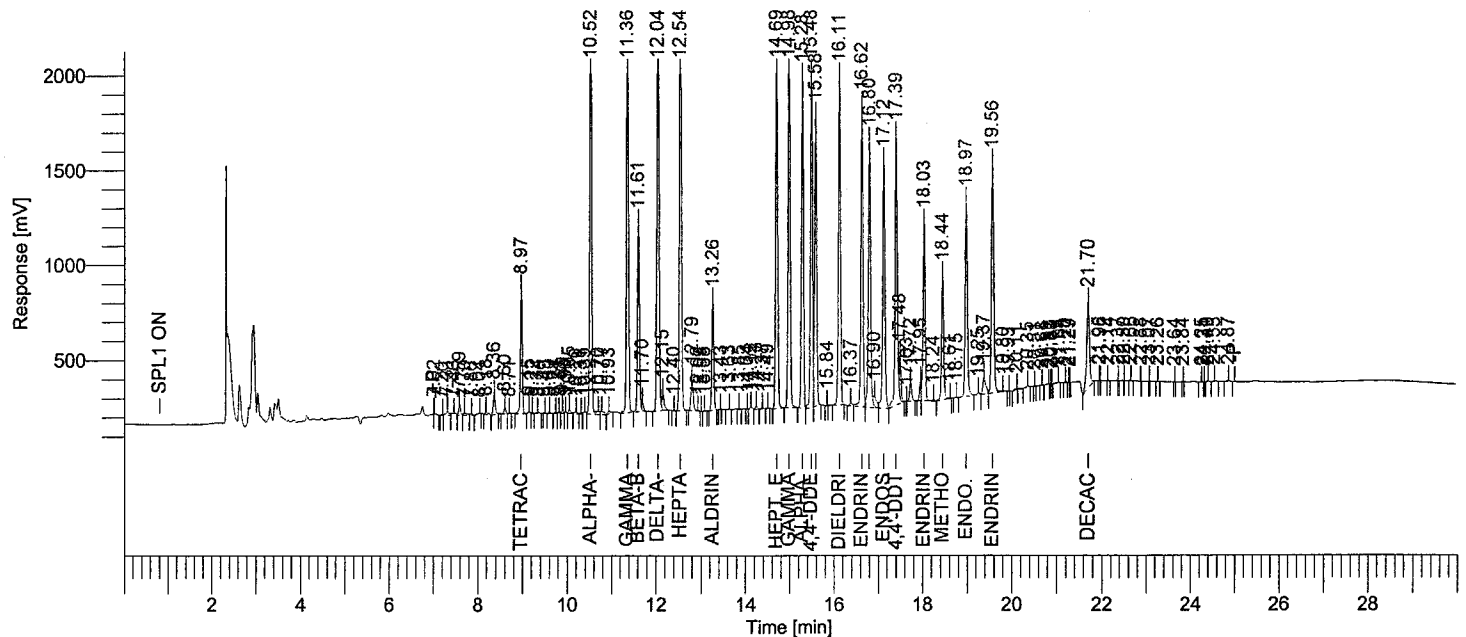
Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76603
 Operator : tchrom
 Sample Number : A8B1833801
 Auto Sampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : CN10520010
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/10/2008 16:45:56

Date : 07/11/2008 06:47:03

Sample Name : AS80007805MSB
 Study : CTA39612
 Rack/Vial : 1/37
 Channel : A
 A/D mV Range : 1000
 End Time : 29.95 min

Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 5

Raw Data File : H:\TURBO6\6890-06\6a15037.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15037.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15037.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15037.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08).mth from H:\TURBO6\6890-06\6a15037.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP I / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	7.02	15363		B	0.01536	4574.25
2	7.20	15502		B	0.01550	5560.26
3	7.31	102686		V	0.10269	19040.28
4	7.46	85188		V	0.08519	11659.82
5	7.59	175961		V	0.17596	57378.69
6	7.70	77718		V	0.07772	12152.24
7	7.86	41394		V	0.04139	9643.53
8	8.04	26590		B	0.02659	2643.59
9	8.18	69644		B	0.06964	13226.67
10	8.36	316179		B	0.31618	104077.52
11	8.60	87953		B	0.08795	33802.47
12	8.71	13779		B	0.01378	5083.06
13	8.97	1974500	Tetrachloro-m-xylene	B	0.01568	648740.34
14	9.15	35072		V	0.03507	10524.41
15	9.22	17247		V	0.01725	7101.64
16	9.34	25680		B	0.02568	5009.45
17	9.49	11420		B	0.01142	3950.01
18	9.60	29075		B	0.02908	8366.35
19	9.74	26987		B	0.02699	6982.18
20	9.81	28707		V	0.02871	7234.72
21	9.89	56623		V	0.05662	18523.19
22	9.96	27095		V	0.02709	8760.53

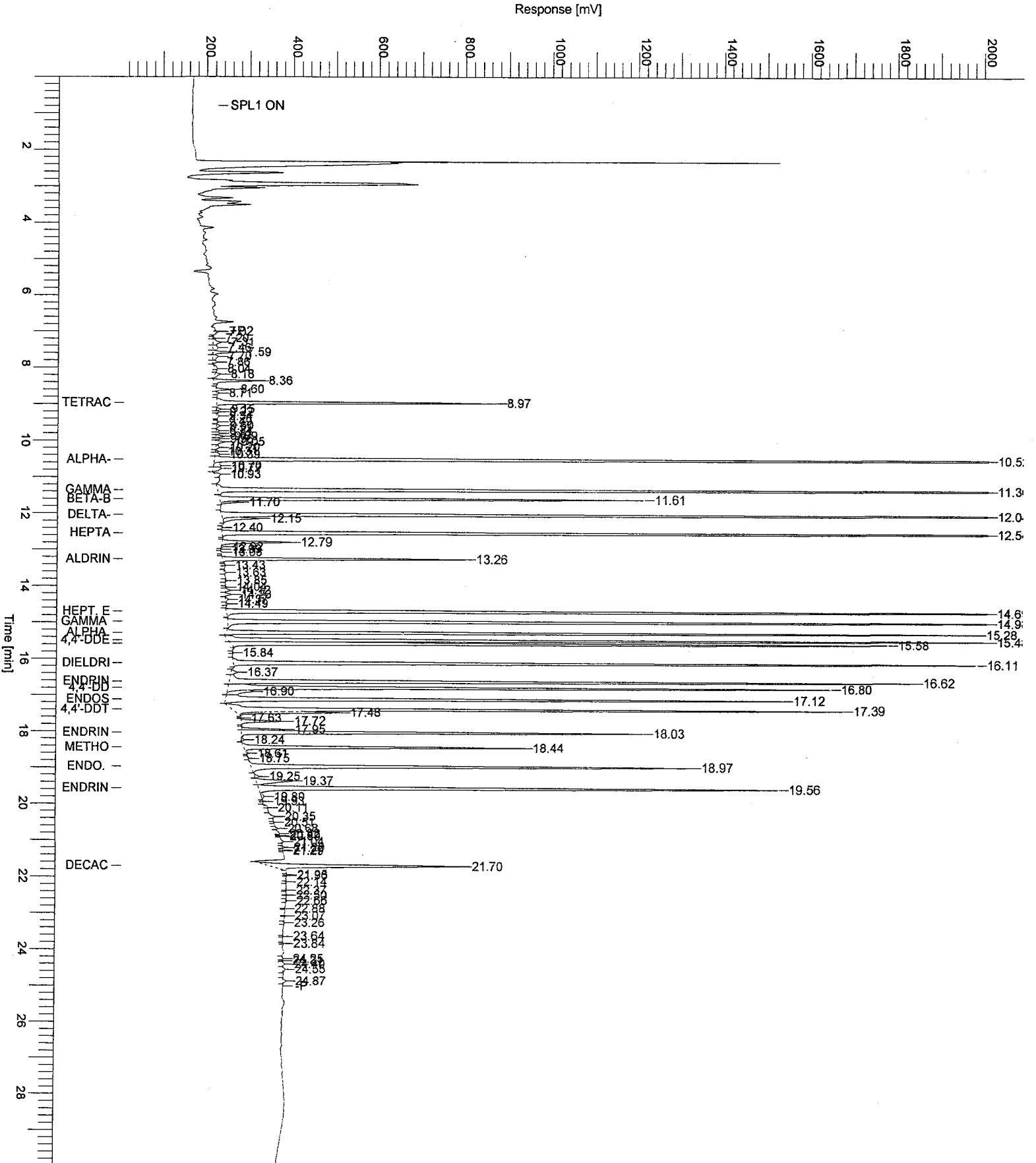
07/11/2008 06:47:03 Result: H:\TURBO6\6890-06\6a15037.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
23	10.05	77421		V	0.07742	19848.68
24	10.20	42950		V	0.04295	7952.49
25	10.31	17998		B	0.01800	5479.67
26	10.39	50878		V	0.05088	10811.49
27	10.52	7824492	alpha-BHC	V	0.03953	2.61e+06
28	10.70	116515		E	0.11652	17584.99
29	10.77	105930		V	0.10593	18976.72
30	10.93	60438		B	0.06044	11784.30
31	11.36	7141460	gamma-BHC	B	0.04051	2.33e+06
32	11.61	3083755	beta-BHC	V	0.04364	983319.76
33	11.70	105841		E	0.10584	39419.80
34	12.04	7124157	delta-BHC	B	0.04174	2.29e+06
35	12.15	302092		E	0.30209	84749.47
37	12.54	6986161	Heptachlor	B	0.04194	2.28e+06
38	12.79	572950		B	0.57295	158536.17
39	12.92	12565		E	0.01256	3750.14
41	13.08	7999		B	0.00800	2834.13
42	13.26	1756442	Aldrin	B	0.01132	563422.17
44	13.63	16182		B	0.01618	3617.07
45	13.85	10208		B	0.01021	4031.33
46	14.04	7316		B	0.00732	2877.32
47	14.12	43132		V	0.04313	12076.77
48	14.23	45326		V	0.04533	14393.33
49	14.37	25034		B	0.02503	6130.16
50	14.49	11728		V	0.01173	4407.17
51	14.69	6106745	Hept. epoxide	B	0.04291	1.90e+06
52	14.98	6020675	gamma chlordane	B	0.04104	1.86e+06
53	15.28	5366880	alpha chlordane	B	0.03953	1.74e+06
54	15.48	5731505	4,4'-DDE	B	0.04197	1.83e+06
55	15.58	5006406	Endosulfan I	V	0.03804	1.52e+06
57	16.11	5594774	Dieldrin	B	0.03930	1.72e+06
58	16.37	73943		B	0.07394	15678.46
59	16.62	5458194	Endrin	V	0.04304	1.58e+06
60	16.80	4830431	4,4'-DDD	V	0.04194	1.40e+06
61	16.90	286755		E	0.28676	54230.77
62	17.12	4702052	Endosulfan II	V	0.04073	1.29e+06
63	17.39	4858742	4,4'-DDT	B	0.04939	1.41e+06
64	17.48	606855		E	0.60685	204580.39
66	17.72	332937		B	0.33294	99092.76
67	17.95	279621		B	0.27962	100266.78
68	18.03	3186478	Endrin aldehyde	V	0.03757	929862.02
69	18.24	36687		E	0.03669	7421.61
70	18.44	2121635	Methoxychlor	B	0.04532	646624.10
71	18.61	14803		E	0.01480	2510.62
72	18.75	8911		B	0.00891	2351.45
73	18.97	3687272	Endo. Sulfate	B	0.03700	1.02e+06
74	19.25	51644		V	0.05164	11521.21
75	19.37	427084		V	0.42708	84809.88
76	19.56	4439947	Endrin ketone	V	0.03970	1.20e+06
77	19.80	51321		E	0.05132	6215.57
79	20.11	21742		B	0.02174	1519.08
80	20.35	29691		B	0.02969	8384.30
82	20.68	8226		B	0.00823	3174.80
86	21.04	16400		B	0.01640	4697.05
87	21.20	11522		B	0.01152	4070.26
90	21.70	1831426	Decachlorobiphenyl	B	0.01757	446325.98
96	22.66	7311		B	0.00731	2318.62
104	24.40	18051		V	0.01805	4392.18
105	24.55	27068		V	0.02707	5182.36
106	24.87	29632		B	0.02963	6369.52
		1e+08			6.08798	3.36e+07

Sample Name : AS80007805MSB
FileName : H:\TURBO6\6890-06\6a15037.raw
Date : 07/11/2008 06:47:04
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: A8B1833801 Page 1 of 1

Time of Injection: 07/10/2008 16:45:56
End Time : 30.00 min Low Point : 10.00 mV High Point : 2010.00 mV
Plot Scale: 2000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8081 - TCL PESTICIDES
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1864701Sample wt/vol: 30.32 (g/mL) G Lab File ID: 6B15095.TX0% Moisture: 0 decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/11/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/16/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

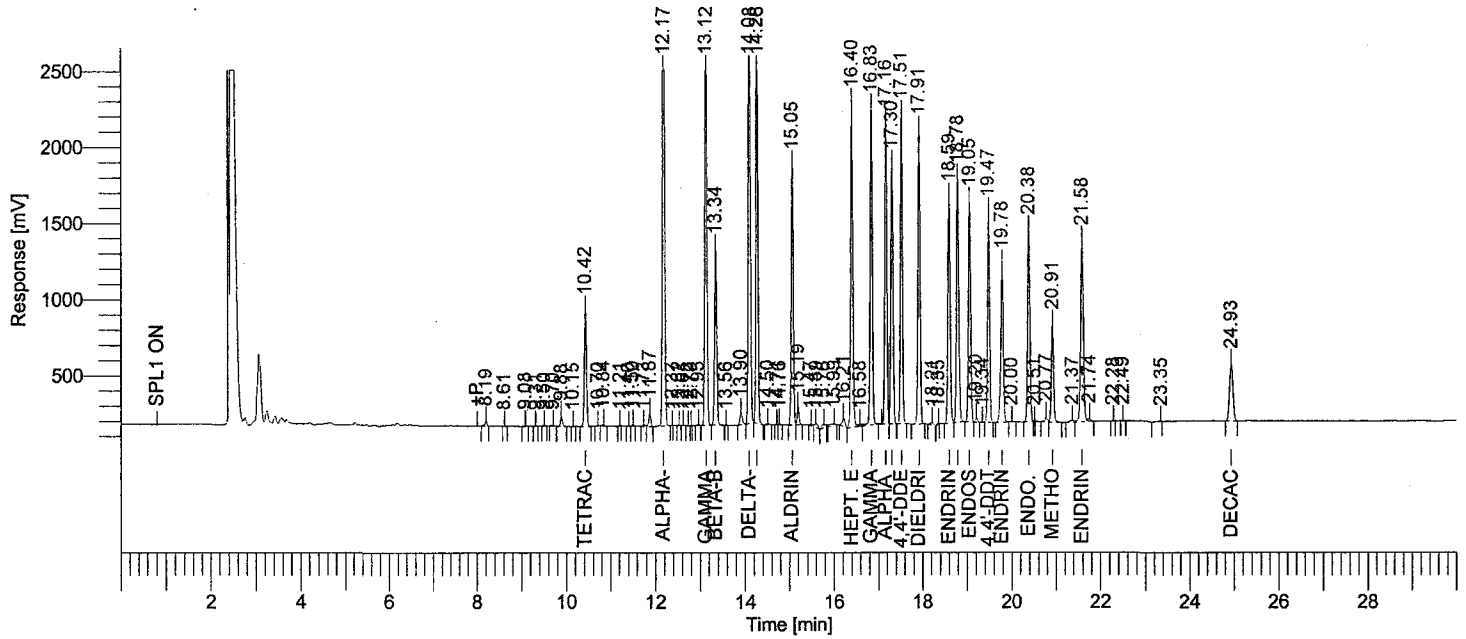
CAS NO. COMPOUND Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
309-00-2	-----Aldrin	12	
319-84-6	-----alpha-BHC	16	
319-85-7	-----beta-BHC	17	
58-89-9	-----gamma-BHC (Lindane)	17	
319-86-8	-----delta-BHC	17	
57-74-9	-----Chlordane	16	U
72-54-8	-----4,4'-DDD	18	
72-55-9	-----4,4'-DDE	18	
50-29-3	-----4,4'-DDT	19	
60-57-1	-----Dieldrin	17	
959-98-8	-----Endosulfan I	16	
33213-65-9	-----Endosulfan II	17	
1031-07-8	-----Endosulfan Sulfate	16	
72-20-8	-----Endrin	16	
7421-93-4	-----Endrin aldehyde	18	
76-44-8	-----Heptachlor	17	
1024-57-3	-----Heptachlor epoxide	18	
72-43-5	-----Methoxychlor	19	
8001-35-2	-----Toxaphene	16	U

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76904
 Operator : tchrom
 Sample Number : A8B1864701
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 12:15:47

Date : 07/17/2008 07:24:48
 Sample Name : AS80008148MSB
 Study : STA00201
 Rack/Vial : 1/95
 Channel : B
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 6

Raw Data File : H:\TURBO6\6890-06\6b15095.raw <Modified>
 Result File : H:\TURBO6\6890-06\6b15095.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6b15095.raw
 Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b15095.rst
 Calib Method : h:\turbo6\6890-06\6b-(06-20-08)1.mth from H:\TURBO6\6890-06\6b15095.rst
 Report Format File: h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.19	107381		B	0.10738	31829.68
2	8.61	15525		B	0.01552	5121.89
3	9.08	33718		B	0.03372	9832.91
4	9.31	15887		B	0.01589	5153.86
5	9.50	16272		B	0.01627	5018.81
6	9.70	24322		B	0.02432	5020.26
7	9.88	211741		B	0.21174	66365.57
8	10.15	7143		B	0.00714	2481.30
9	10.42	2405839	Tetrachloro-m-xylene	B	0.01930	759385.48
10	10.70	23553		B	0.02355	5071.80
11	10.84	51873		V	0.05187	12101.96
12	11.21	9342		B	0.00934	3108.56
13	11.40	7179		B	0.00718	2973.80
14	11.50	35627		B	0.03563	11922.46
15	11.73	45553		B	0.04555	9583.47
16	11.87	287812		V	0.28781	86653.32
17	12.17	9801203	alpha-BHC	B	0.04817	3.15e+06
19	12.52	8528		B	0.00853	3292.15
20	12.61	6714		B	0.00671	2355.71
21	12.72	6708		B	0.00671	2498.43
23	12.95	18955		B	0.01895	5932.56
24	13.12	8985643	gamma-BHC	B	0.05079	2.82e+06

7-17-08
 L2403

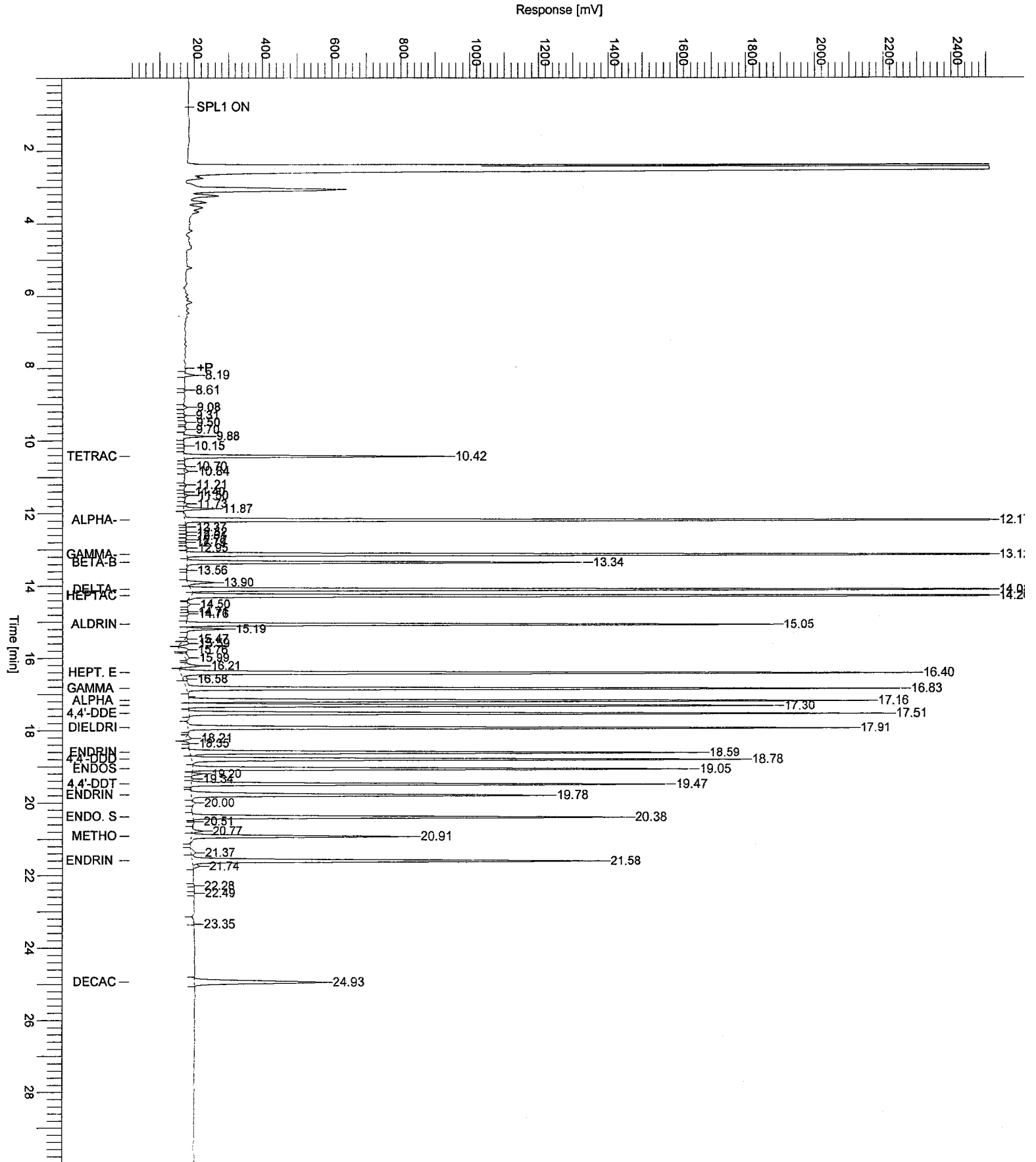
07/17/2008 07:24:48 Result: H:\TURBO6\6890-06\6b15095.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	13.34	3759329	beta-BHC	B	0.05254	1.15e+06
26	13.56	8031		B	0.00803	3155.67
27	13.90	287665		B	0.28767	77418.62
28	14.08	8661398	delta-BHC	B	0.05062	2.71e+06
29	14.26	8867195	Heptachlor	B	0.05267	2.75e+06
30	14.50	33597		B	0.03360	8144.24
31	14.71	9503		B	0.00950	2887.31
32	14.76	15398		V	0.01540	4613.76
33	15.05	5572143	Aldrin	B	0.03618	1.71e+06
34	15.19	358955		V	0.35896	114679.47
35	15.47	50500		B	0.05050	8094.09
36	15.59	138760		V	0.13876	24236.77
37	15.76	160903		B	0.16090	23891.04
38	15.99	114987		V	0.11499	11801.00
39	16.21	228044		B	0.22804	54247.14
40	16.40	7270221	Hept. epoxide	B	0.05384	2.13e+06
41	16.58	91281		E	0.09128	13103.14
42	16.83	7040918	gamma chlordane	V	0.05188	2.08e+06
43	17.16	6602149	alpha chlordane	B	0.05223	1.97e+06
44	17.30	5873865	Endosulfan I	V	0.04951	1.70e+06
45	17.51	6413786	4,4'-DDE	B	0.05306	2.02e+06
46	17.91	6637503	Dieldrin	B	0.05195	1.92e+06
47	18.21	102295		B	0.10229	18988.08
48	18.35	23753		B	0.02375	4701.90
49	18.59	5261555	Endrin	B	0.04972	1.48e+06
50	18.78	5630707	4,4'-DDD	V	0.05588	1.60e+06
51	19.05	5091831	Endosulfan II	B	0.05070	1.44e+06
52	19.20	93050		B	0.09305	29045.01
53	19.34	20099		B	0.02010	5750.11
54	19.47	4563769	4,4'-DDT	V	0.05656	1.38e+06
55	19.78	4082818	Endrin aldehyde	B	0.05484	1.03e+06
56	20.00	41581		V	0.04158	7234.65
57	20.38	4531994	Endo. Sulfate	B	0.05018	1.26e+06
59	20.77	119475		B	0.11948	31540.90
60	20.91	2243214	Methoxychlor	V	0.05795	638336.87
61	21.37	97250		B	0.09725	13141.40
62	21.58	4942218	Endrin ketone	V	0.05246	1.19e+06
63	21.74	85109		E	0.08511	18539.86
64	22.28	6187		B	0.00619	1965.59
65	22.49	11435		B	0.01144	3341.78
66	23.35	20855		B	0.02086	745.37
67	24.93	2027747	Decachlorobiphenyl	B	0.02055	372615.83
					1e+08	4.12411 3.80e+07

Sample Name : AS80008148MSB
FileName : H:\TURBO6\6890-06\6b15095.raw
Date : 07/17/2008 07:24:49
Method : 6890-6ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: A8B1864701 Page 1 of 1

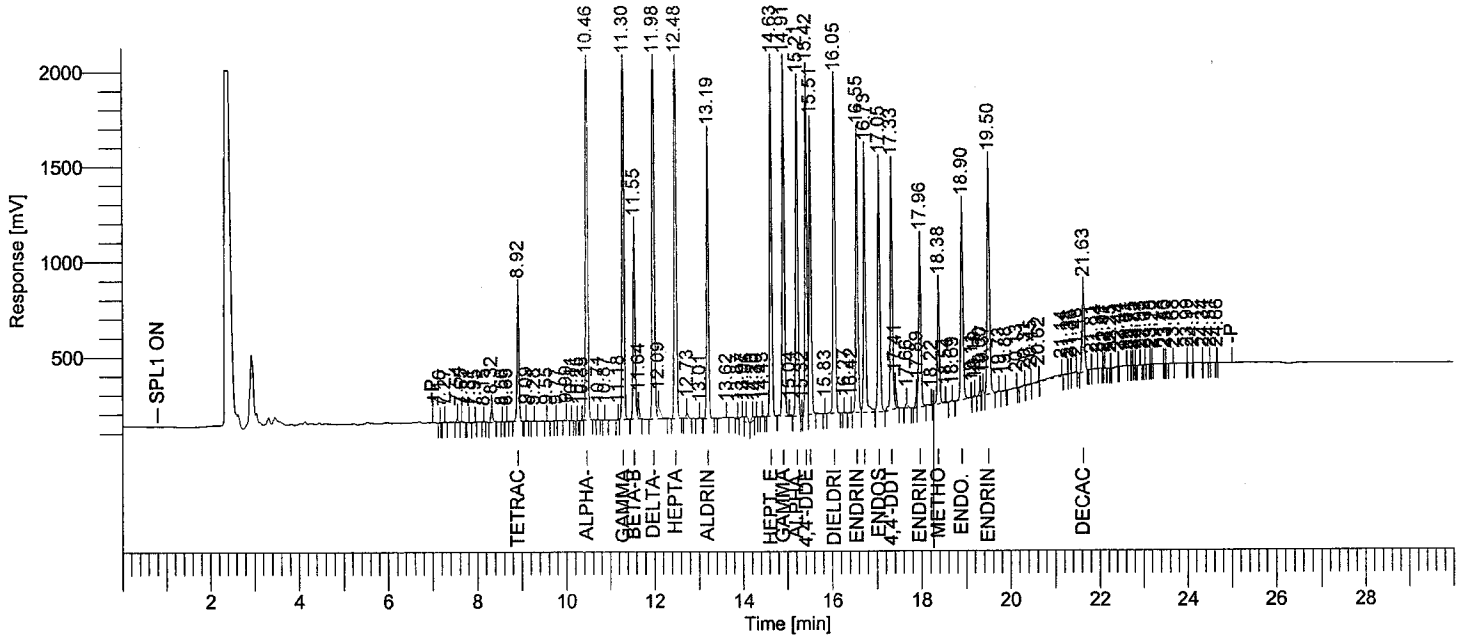
Time of Injection: 07/16/2008 12:15:47
End Time : 30.00 min Low Point : 10.00 mV High Point : 2510.00 mV
Plot Scale: 2500.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf1938: 76903
 Operator : tchrom
 Sample Number : A8B1864701
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-06
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 5.0000 pts/s
 Sample Volume : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 07/16/2008 12:15:47

Date : 07/17/2008 07:24:44
 Sample Name : AS80008148MSB
 Study : STA00201
 Rack/Vial : 1/95
 Channel : A
 A/D mV Range : 1000
 End Time : 29.98 min
 Area Reject : 6000.000000
 Dilution Factor : 1.00
 Cycle : 6

Raw Data File : H:\TURBO6\6890-06\6a15095.raw <Modified>
 Result File : H:\TURBO6\6890-06\6a15095.rst
 Inst Method : H:\TURBO6\6890-06\6890-6ins from H:\TURBO6\6890-06\6a15095.raw
 Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a15095.rst
 Calib Method : h:\turbo6\6890-06\6a-(06-20-08)1.mth from H:\TURBO6\6890-06\6a15095.rst
 Report Format File : h:\turbo6\6890-06\6samp.rpt
 Sequence File : H:\TURBO6\6890-06\6D-15.seq



HP 6890-06 "A" RTXCLP II / "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
2	7.27	17428		B	0.01743	6369.82
3	7.54	44873		B	0.04487	17414.46
4	7.65	19763		V	0.01976	6299.17
5	7.81	12707		B	0.01271	3902.07
6	7.95	7126		B	0.00713	1088.45
8	8.32	202232		B	0.20223	65238.87
11	8.92	2033681	Tetrachloro-m-xylene	B	0.01613	666766.74
12	9.09	17532		B	0.01753	6555.02
13	9.28	6494		B	0.00649	1283.90
14	9.55	12956		B	0.01296	3791.09
16	9.99	36984		B	0.03698	11695.61
17	10.11	6331		B	0.00633	2271.72
20	10.46	8056383	alpha-BHC	B	0.04069	2.75e+06
21	10.71	8230		B	0.00823	3092.52
22	10.87	15863		B	0.01586	3792.79
23	11.18	12904		B	0.01290	5082.39
24	11.30	7248287	gamma-BHC	V	0.04111	2.39e+06
25	11.55	3077411	beta-BHC	B	0.04355	979761.81
26	11.64	156477		E	0.15648	57677.71
27	11.98	7231763	delta-BHC	B	0.04235	2.32e+06
28	12.09	324477		E	0.32448	65925.03
29	12.48	7087293	Heptachlor	B	0.04254	2.33e+06

07/17/2008 07:24:44 Result: H:\TURBO6\6890-06\6a15095.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
30	12.73	90940		B	0.09094	26229.12
31	13.01	16911		B	0.01691	4014.27
32	13.19	4469747	Aldrin	V	0.02829	1.46e+06
33	13.62	24841		B	0.02484	2711.22
34	13.87	29515		B	0.02951	7419.36
35	13.97	117636		V	0.11764	23922.80
36	14.06	158224		V	0.15822	28542.20
37	14.20	92761		B	0.09276	22498.51
38	14.30	30263		V	0.03026	4449.60
39	14.43	13556		B	0.01356	5105.47
40	14.63	5815214	Hept. epoxide	B	0.04083	1.83e+06
41	14.91	5801072	gamma chlordane	B	0.03954	1.83e+06
42	15.04	35873		E	0.03587	6921.03
43	15.21	5399320	alpha chlordane	V	0.03977	1.72e+06
44	15.32	10698		B	0.01070	5832.19
45	15.42	5424985	4,4'-DDE	V	0.03978	1.77e+06
46	15.51	4842872	Endosulfan I	V	0.03676	1.49e+06
47	15.83	6785		B	0.00679	2230.52
48	16.05	5529820	Dieldrin	V	0.03884	1.72e+06
49	16.27	8466		B	0.00847	2419.21
50	16.42	17582		B	0.01758	4400.75
51	16.55	4799200	Endrin	V	0.03791	1.43e+06
52	16.73	4560600	4,4'-DDD	V	0.03962	1.34e+06
53	17.05	4385443	Endosulfan II	V	0.03794	1.27e+06
54	17.33	4170596	4,4'-DDT	B	0.04298	1.25e+06
55	17.41	240558		E	0.24056	86122.36
56	17.66	94851		B	0.09485	26060.61
57	17.89	140043		B	0.14004	67322.05
58	17.96	3022884	Endrin aldehyde	V	0.03554	843044.73
59	18.22	38424		V	0.03842	5889.23
60	18.38	1932691	Methoxychlor	V	0.04154	596270.01
61	18.54	39320		E	0.03932	6137.18
62	18.69	24775		V	0.02477	6588.28
63	18.90	3502172	Endo. Sulfate	B	0.03511	988000.92
64	19.11	23602		E	0.02360	2299.12
65	19.19	33960		V	0.03396	9278.73
66	19.30	90670		V	0.09067	28178.40
67	19.37	101293		V	0.10129	32954.92
68	19.50	4367697	Endrin ketone	V	0.03905	1.19e+06
69	19.73	28003		V	0.02800	6030.34
70	19.88	8463		V	0.00846	1213.55
71	20.13	18648		B	0.01865	1210.48
72	20.31	25984		B	0.02598	4431.38
73	20.45	32695		V	0.03270	4286.01
74	20.62	45829		V	0.04583	7846.16
75	21.14	230032		V	0.23003	8996.80
76	21.28	32208		V	0.03221	4101.97
77	21.35	9378		V	0.00938	2133.51
78	21.48	11420		V	0.01142	1310.93
79	21.63	1533903	Decachlorobiphenyl	B	0.01472	415840.09
85	22.41	26125		B	0.02612	3804.43
87	22.61	18326		V	0.01833	1035.25
91	22.93	10012		B	0.01001	2332.32
		1e+08			3.69564	3.33e+07

Sample Name : AS80008148MSB

Sample #: A8B1864701

Page 1 of 1

FileName : H:\TURBO6\6890-06\6a15095.raw

Date : 07/17/2008 07:24:45

Method : 6890-6ins

Time of Injection: 07/16/2008 12:15:47

Start Time : 0.00 min

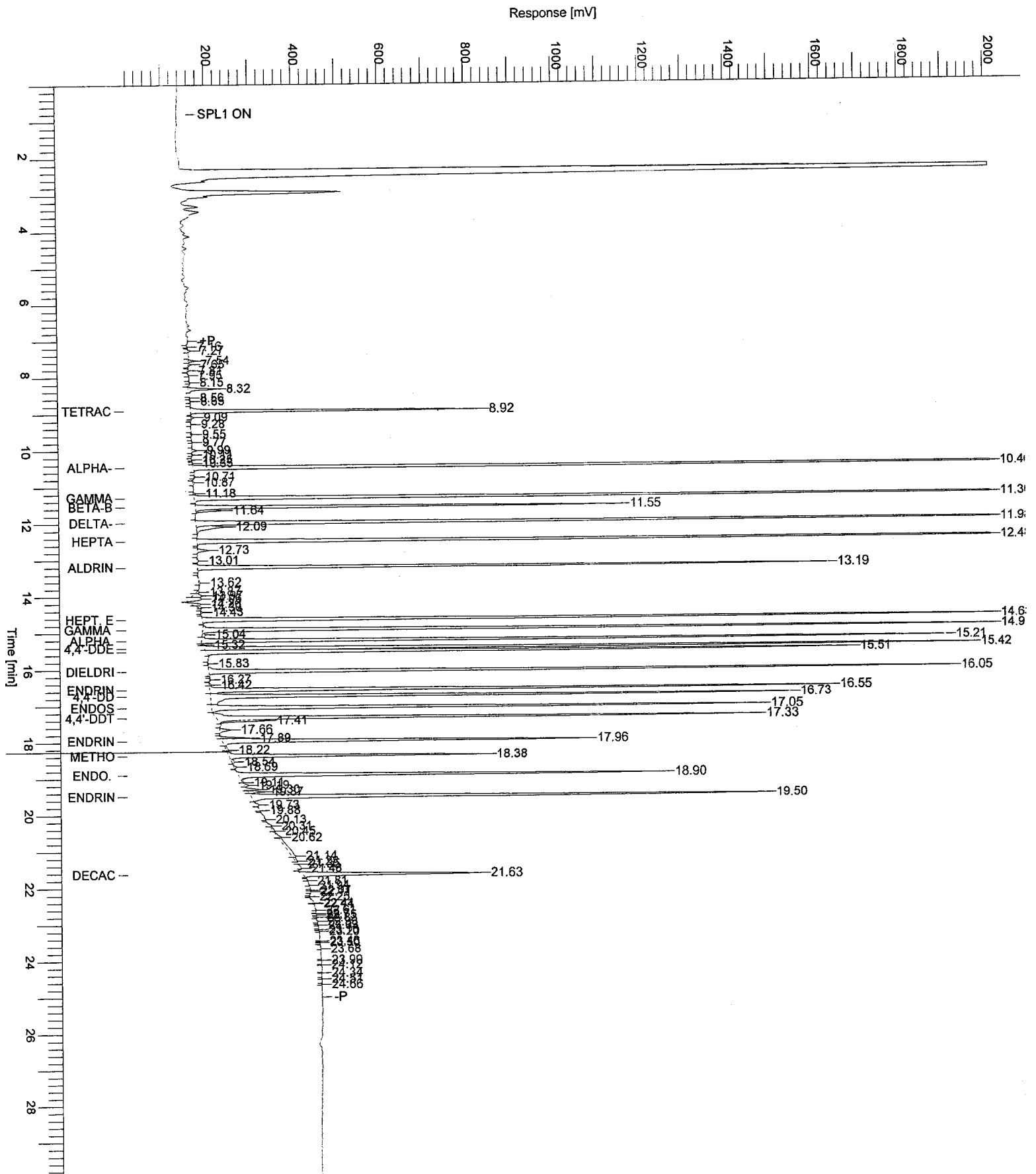
End Time : 30.00 min

Low Point : 10.00 mV

High Point : 2010.00 mV

Plot Offset: 10.00 mV

Plot Scale: 2000.0 mV



Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7595	A8759501	AS80007585	07/01/2008	JS	TCL Pest	1.26	5.33	4.40	4.07	3.14	77.15	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7691	A8769101	AS80007647	07/01/2008	JMB	TCL Pest	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769102	AS80007648	07/01/2008	JMB	TCL Pest	1.29	7.43	5.33	6.14	4.04	65.80	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7988	A8798801	AS80007807	07/07/2008	JMB	TCL Pest	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801RE	AS80008150			TCL Pest						85.19	N
A08-7988	A8798802	AS80007808	07/07/2008	JMB	TCL Pest	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802RE	AS80008151			TCL Pest						80.63	N
A08-7988	A8798803	AS80007809	07/07/2008	JMB	TCL Pest	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803RE	AS80008152			TCL Pest						85.07	N
A08-7988	A8798804	AS80007810	07/07/2008	JMB	TCL Pest	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804RE	AS80008153			TCL Pest						84.02	N
A08-7988	A8798805	AS80007811	07/07/2008	JMB	TCL Pest	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805RE	AS80008154			TCL Pest						77.92	N

TestAmerica Lab
 Date: 07/15/2008
 Time: 14:48:44

Organic Prep Log Book
 (3550B) 8081/ 8082 SOILS
 A8B18046 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 07/01/2008 CW

Preconc Date/Initials:

Cleanup Date/Initials: 07/01/2008 CW

Final Conc Date/Initials: 07/01/2008 JS

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7730	A8773001	A	FS	AS80007569	PCBS		8082	A00035		30.6100	SULLFER	10.00	1.24	9.50	7.39	N
A08-7730	A8773002	A	FS	AS80007570	PCBS		8082	A00035		30.1300	SULLFER	10.00	1.26	7.97	6.43	N
A08-7730	A8773003	A	FS	AS80007571	PCBS		8082	A00035		30.2400	SULLFER	10.00	1.26	7.13	5.93	N
A08-7730	A8773004	A	FS	AS80007572	PCBS		8082	A00035		30.4500	SULLFER	10.00	1.28	7.67	6.46	N
A08-7730	A8773005	A	FS	AS80007573	PCBS		8082	A00035		30.6500	SULLFER	10.00	1.27	7.81	6.46	N
A08-7730	A8773006	A	FS	AS80007574	PCBS		8082	A00035		30.2700	SULLFER	10.00	1.25	8.12	6.74	Y
A08-7730	A8773007	A	FS	AS80007575	PCBS		8082	A00035		30.4400	SULLFER	10.00	1.27	5.16	2.14	N
A08-7730	A8773008	A	FS	AS80007576	PCBS		8082	A00035		30.4900	SULLFER	10.00	1.27	6.57	5.50	N
A08-7730	A8773009	A	FS	AS80007577	PCBS		8082	A00035		30.4800	SULLFER	10.00	1.27	7.95	6.51	N
A08-7730	A8773010	A	FS	AS80007578	PCBS		8082	A00035		30.0500	SULLFER	10.00	1.25	7.82	6.46	N
A08-7730	A8773011	A	FS	AS80007579	PCBS		8082	A00035		30.2000	SULLFER	10.00	1.28	8.69	7.30	N
A08-7730	A8773012	A	FS	AS80007580	PCBS		8082	A00035		30.5200	SULLFER	10.00	1.25	7.81	6.46	N
A08-7730	A8773013	A	FS	AS80007581	PCBS		8082	A00035		30.4100	SULLFER	10.00	1.26	7.08	5.79	N
A8B18046	A8B1804601	Z	MSB	AS80007582	PCBS		8082	A00035	A00222	30.7500	SULLFER	10.00	0.00	0.00	0.00	N
A8B18046	A8B1804602	Z	MSBD	AS80007583	PCBS		8082	A00035	A00222	30.7900	SULLFER	10.00	0.00	0.00	0.00	N
A8B18046	A8B1804603	Z	MBLK	AS80007584	PCBS		8082	A00035		30.6400	SULLFER	10.00	0.00	0.00	0.00	N

2282/4151

D* = Decanted (Y/N)

TestAmerica Lab
 Date: 07/15/2008
 Time: 14:48:44

Organic Prep Log Book
 (3550B) 8081/ 8082 SOILS
 A8B18046 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 07/01/2008 CW

Preconc Date/Initials:

Cleanup Date/Initials: 07/01/2008 CW

Final Conc Date/Initials: 07/01/2008 JS

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7595	A8759501	A	FS	AS80007585	TCL Pest		8081	A00035		30.1500		10.00	1.26	5.33	4.40	N
A8B18046	A8B1804601		MSB	AS80007586	TCL Pest		8081	A00035	A00225	30.0000		10.00	0.00	0.00	0.00	N
A8B18046	A8B1804602		MSEB	AS80007587	TCL Pest		8081	A00035	A00225	30.7600		10.00	0.00	0.00	0.00	N
A8B18046	A8B1804603		MELK	AS80007588	TCL Pest		8081	A00035		30.6400		10.00	0.00	0.00	0.00	N
A08-7595	A8759501	A	FS	AS80007429	PCBS		8082	A00035		30.1500	SULFER	10.00	1.26	5.33	4.40	N
A8B18046	A8B1804601	Z	MSB	AS80007582	PCBS		8082	A00035	A00222	30.7500	SULFER	10.00	0.00	0.00	0.00	N
A8B18046	A8B1804602	Z	MSEB	AS80007583	PCBS		8082	A00035	A00222	30.7900	SULFER	10.00	0.00	0.00	0.00	N
A8B18046	A8B1804603	Z	MELK	AS80007584	PCBS		8082	A00035		30.6400	SULFER	10.00	0.00	0.00	0.00	N

Comments: ALL 8081 SAMPLES WERE FLORISILLED. CW 7/1/08

2283/4151

D* = Decanted (Y/N)

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-7595	A8759501	FS	AS80007429	STA00489	30.15	1.26	5.33	4.4
A08-7730	A8773001	FS	AS80007569	CTA25903	30.61	1.24	9.5	7.39
A08-7730	A8773002	FS	AS80007570	CTA25903	30.13	1.26	7.97	6.43
A08-7730	A8773003	FS	AS80007571	CTA25903	30.24	1.26	7.13	5.93
A08-7730	A8773004	FS	AS80007572	CTA25903	30.45	1.28	7.67	6.46
A08-7730	A8773005	FS	AS80007573	CTA25903	30.65	1.27	7.81	6.46
A08-7730	A8773006	FS	AS80007574	CTA25903	30.27	1.25	8.12	6.74
A08-7730	A8773007	FS	AS80007575	CTA25903	30.44	1.27	5.16	2.14
A08-7730	A8773008	FS	AS80007576	CTA25903	30.49	1.27	6.57	5.5
A08-7730	A8773009	FS	AS80007577	CTA25903	30.48	1.27	7.95	6.51
A08-7730	A8773010	FS	AS80007578	CTA25903	30.05	1.25	7.82	6.46
A08-7730	A8773011	FS	AS80007579	CTA25903	30.2	1.28	8.69	7.3
A08-7730	A8773012	FS	AS80007580	CTA25903	30.52	1.25	7.81	6.46
A08-7730	A8773013	FS	AS80007581	CTA25903	30.41	1.26	7.08	5.79
A8B18046	A8B1804601	MSB	AS80007582	CTA25903	30.75			
A8B18046	A8B1804601	MSB	AS80007582	STA00489	30.75			
A8B18046	A8B1804602	MSBD	AS80007583	CTA25903	30.79			
A8B18046	A8B1804602	MSBD	AS80007583	STA00489	30.79			
A8B18046	A8B1804603	MLK	AS80007584	CTA25903	30.64			
A8B18046	A8B1804603	MLK	AS80007584	STA00489	30.64			
A08-7595	A8759501	FS	AS80007585	STA00201	30.15	1.26	5.33	4.4
A8B18046	A8B1804601	MSB	AS80007586	STA00201	30			
A8B18046	A8B1804602	MSBD	AS80007587	STA00201	30.76			
A8B18046	A8B1804603	MLK	AS80007588	STA00201	30.64			

stAmerica Lab
 ce: 06/30/2008
 ne: 22:51:02

Organic Prep Log Book
 (3550B) 8081/ 8082 SOILS
 A8B18046

Rept: AN0501

SURROGATE A35
 Expiration Date: 12/20/08
 Prepared by: BM
 Spiked by: BM
 Witnessed by: _____

1000.00 ul

MATRIX SPIKE A222 A225
 Expiration Date: 12/28/08 10/10/08
 Prepared by: SM CKD
 Spiked by: SM CKD
 Witnessed by: _____

Flonville 5a13-24
 MeCl2: _____
 Acetone: 51765
 Hexane: 20609
 Na2SO4: 2286003
 Conc.H2SO4: 20073061

Date Ext/Initials: 7/1/08 CW
 Cleanup Date/Initials: 7/1/08 CW 95

Preconc Date/Initials: _____
 Final Conc Date/Initials: 7/1/08 95 kw

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
08-7730	A8773001	A	FS	AS80007569	PCBS		8082	A00035			ACID	100				N
08-7730	A8773002		FS	AS80007570	PCBS		8082	A00035								
08-7730	A8773003		FS	AS80007571	PCBS		8082	A00035								
08-7730	A8773004		FS	AS80007572	PCBS		8082	A00035								
08-7730	A8773005		FS	AS80007573	PCBS		8082	A00035								
08-7730	A8773006		FS	AS80007574	PCBS		8082	A00035								
08-7730	A8773007		FS	AS80007575	PCBS		8082	A00035								
08-7730	A8773008		FS	AS80007576	PCBS		8082	A00035								
08-7730	A8773009		FS	AS80007577	PCBS		8082	A00035								
08-7730	A8773010		FS	AS80007578	PCBS		8082	A00035								
08-7730	A8773011		FS	AS80007579	PCBS		8082	A00035								
08-7730	A8773012		FS	AS80007580	PCBS		8082	A00035								
08-7730	A8773013		FS	AS80007581	PCBS		8082	A00035								
18B18046	A8B1804601		MSB	AS80007582	PCBS		8082	A00035	A00222							
18B18046	A8B1804602		MSBD	AS80007583	PCBS		8082	A00035	A00222							
18B18046	A8B1804603		MBLK	AS80007584	PCBS		8082	A00035								

2285/4151

D* = Decanted (Y/N)

stAmerica Lab
 te: 06/30/2008
 me: 22:51:02

Organic Prep Log Book
 (3550B) 8081/ 8082 SOILS
 A8B18046

Rept: AN0501

SURROGATE

Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

1000.00 ul

MATRIX SPIKE

Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

1000.00 ul

MeCl2: _____
 Acetone: _____
 Hexane: _____
 Na2SO4: _____
 Conc. H2SO4: _____

Date Ext/Initials: _____

Preconc Date/Initials: _____

Cleanup Date/Initials: _____

Final Conc Date/Initials: _____

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
08-7595	A8759501	A	FS	AS80007585	TCL Pest		8081	A00035			Flas.	10.0				N
8B18046	A8B1804601		MSB	AS80007586	TCL Pest		8081	A00035	A00225							
8B18046	A8B1804602		MSBD	AS80007587	TCL Pest		8081	A00035	A00225							
8B18046	A8B1804603		MBLK	AS80007588	TCL Pest		8081	A00035								
08-7595	A8759501	A	FS	AS80007429	PCBS		8082	A00035			ACID					N
8B18046	A8B1804601		MSB	AS80007582	PCBS		8082	A00035	A00222							
8B18046	A8B1804602		MSBD	AS80007583	PCBS		8082	A00035	A00222							
8B18046	A8B1804603		MBLK	AS80007584	PCBS		8082	A00035								

Acceptance Limits: 30-40 °C Turbovap Temp: 30.6 32.2 30.8 30.0

Entered Initials: CM

Gas Flow Check: OK

Closed Initials: _____

Comments: _____

All 8081 samples were finished. CW 7/1/08

TestAmerica Lab
 Date: 07/16/2008
 Time: 12:49:45

Organic Prep Log Book
 (3550B) 8081, 8082 SOIL
 A8B18078 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 07/01/2008 JMB

Preconc Date/Initials:

Cleanup Date/Initials: 07/01/2008 EKD

Final Conc Date/Initials: 07/01/2008 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7691	A8769101	A	FS	AS80007647	TCL Pest		8081	A00035		30.5800		10.00	1.28	7.49	6.37	N
A08-7691	A8769102	A	FS	AS80007648	TCL Pest		8081	A00035		30.8000		10.00	1.29	7.43	5.33	N
A8B18078	A8B1807801		MSB	AS80007649	TCL Pest		8081	A00035	A00225	30.5600		10.00	0.00	0.00	0.00	N
A8B18078	A8B1807802		MSBD	AS80007650	TCL Pest		8081	A00035	A00225	30.4500		10.00	0.00	0.00	0.00	N
A8B18078	A8B1807803		MBLK	AS80007651	TCL Pest		8081	A00035		30.3000		10.00	0.00	0.00	0.00	N
A08-7691	A8769101	A	FS	AS80007652	PCBS		8082	A00035		30.5800		10.00	1.28	7.49	6.37	N
A08-7691	A8769102	A	FS	AS80007653	PCBS		8082	A00035		30.8000		10.00	1.29	7.43	5.33	N
A8B18078	A8B1807801		MSB	AS80007654	PCBS		8082	A00035	A00222	30.8200		10.00	0.00	0.00	0.00	N
A8B18078	A8B1807802		MSBD	AS80007655	PCBS		8082	A00035	A00222	30.4100		10.00	0.00	0.00	0.00	N
A8B18078	A8B1807803		MBLK	AS80007656	PCBS		8082	A00035		30.3000		10.00	0.00	0.00	0.00	N

Comments:

2287/4151

D* = Decanted (Y/N)

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-7691	A8769101	FS	AS80007647	STA00201	30.58			
A08-7691	A8769102	FS	AS80007648	STA00201	30.8			
A8B18078	A8B1807801	MSB	AS80007649	STA00201	30.56			
A8B18078	A8B1807802	MSBD	AS80007650	STA00201	30.45			
A8B18078	A8B1807803	MBLK	AS80007651	STA00201	30.3			
A08-7691	A8769101	FS	AS80007652	STA00489	30.58			
A08-7691	A8769102	FS	AS80007653	STA00489	30.8			
A8B18078	A8B1807801	MSB	AS80007654	STA00489	30.82			
A8B18078	A8B1807802	MSBD	AS80007655	STA00489	30.41			
A8B18078	A8B1807803	MBLK	AS80007656	STA00489	30.3			

stAmerica Lab
 ate: 07/01/2008
 ime: 12:16:51

Organic Prep Log Book
 (3550B) 8081, 8082 SOIL
 A8B18078

Rept: AN0501

SURROGATE A35
 Expiration Date: 12-20-08
 Prepared by: BW
 Spiked by: JMB
 Witnessed by: _____

MATRIX SPIKE A25/A122
 Expiration Date: 12-08/12-25-08
 Prepared by: EKD/BW
 Spiked by: JMB/JMB
 Witnessed by: _____

JMB 7/11/08
 MeCl2: 0.225g
 Acetone: 5.775g
 Hexane: 2.000g
 Na2SO4: 27.868g
 Conc. H2SO4: 20.730g

1000.00 ul

1000.00 ul

Date Ext/Initials: 7-1-08 JMB
 Cleanup Date/Initials: 7-1-08 EKD

Preconc Date/Initials: _____
 Final Conc Date/Initials: 7-1-08 EKD

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
108-7691	A8769101	<u>A</u>	FS	AS80007647	TCL Pest		8081	A00035			N/A	10.0				N
108-7691	A8769102	<u>↓</u>	FS	AS80007648	TCL Pest		8081	A00035								
18B18078	A8B1807801		MSB	AS80007649	TCL Pest		8081	A00035	A00225							
18B18078	A8B1807802		MSED	AS80007650	TCL Pest		8081	A00035	A00225							
18B18078	A8B1807803		MBLK	AS80007651	TCL Pest		8081	A00035								
108-7691	A8769101	<u>A</u>	FS	AS80007652	PCBS		8082	A00035			ACID					
108-7691	A8769102	<u>↓</u>	FS	AS80007653	PCBS		8082	A00035								
18B18078	A8B1807801		MSB	AS80007654	PCBS		8082	A00035	A00222							
18B18078	A8B1807802		MSED	AS80007655	PCBS		8082	A00035	A00222							
18B18078	A8B1807803		MBLK	AS80007656	PCBS		8082	A00035								

Acceptance Limits: 30-40 °C Turbovap Temp: 32.2, 30.8
 Gas Flow Check: JMB

Entered Initials: EKD
 Closed Initials: JMB

Comments: _____

2289/4151

D* = Decanted (Y/N)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext./Initials: 07/07/2008 JMB

Preconc Date/Initials:

Cleanup Date/Initials: 07/07/2008 EKD

Final Conc Date/Initials: 07/07/2008 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (mL)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7885	A8788504	A	FS	AS80007742	PCBS		8082	A00035		9.8300		10.00	1.27	5.22	4.97	N
A08-7885	A8788517	A	FS	AS80007743	PCBS		8082	A00035		24.9600		10.00	1.34	5.77	5.17	N
A08-7892	A8789201	A	FS	AS80007781	PCBS		8082	A00035		24.0500		10.00	1.30	5.26	4.56	N
A08-7892	A8789202	A	FS	AS80007782	PCBS		8082	A00035		30.0700		10.00	1.30	6.61	4.95	N
A8B18338	A8B1833801	Z	MSB	AS80007783	PCBS		8082	A00035	A00222	30.2600	SULFER	10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802	Z	MBLK	AS80007784	PCBS		8082	A00035		30.8300	SULFER	10.00	0.00	0.00	0.00	N
A8B18338	A8B1833801		MSB	AS80007783	PCBS		8082	A00035	A00222	30.2600		10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802		MBLK	AS80007784	PCBS		8082	A00035		30.8300		10.00	0.00	0.00	0.00	N
A8B18338	A8B1833801	Z	MSB	AS80007783	PCBS		8082	A00035	A00222	30.2600	SULFER	10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802	Z	MBLK	AS80007784	PCBS		8082	A00035		30.8300	SULFER	10.00	0.00	0.00	0.00	N
A08-7940	A8794001	A	FS	AS80007786	PCBS		8082	A00035		30.3100		10.00	1.30	5.88	4.09	N
A08-7940	A8794001MS	A	MS	AS80007787	PCBS		8082	A00035	A00222	30.7000		10.00	1.30	5.88	4.09	N
A08-7940	A8794001SD	A	SD	AS80007788	PCBS		8082	A00035	A00222	30.3300		10.00	1.30	5.88	4.09	N
A08-7940	A8794002	A	FS	AS80007789	PCBS		8082	A00035		30.7700		10.00	1.29	5.14	3.60	N
A08-7940	A8794003	A	FS	AS80007790	PCBS		8082	A00035		30.6000		10.00	1.29	5.80	3.64	Y
A08-7940	A8794004	A	FS	AS80007791	PCBS		8082	A00035		30.8000		10.00	1.31	5.60	3.53	N

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext./Initials: 07/07/2008 JMB

Preconc Date/Initials:

Cleanup Date/Initials: 07/07/2008 EKD

Final Conc Date/Initials: 07/07/2008 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (mL)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7940	A8794004MS	A	MS	AS80007792	PCBS		8082	A00035	A00222	30.0800		10.00	1.31	5.60	3.53	N
A08-7940	A8794004SD	A	SD	AS80007793	PCBS		8082	A00035	A00222	30.2900		10.00	1.31	5.60	3.53	N
A8B18338	A8B1833801	Z	MSB	AS80007783	PCBS		8082	A00035	A00222	30.2600	SULFER	10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802	Z	MBLK	AS80007784	PCBS		8082	A00035		30.8300	SULFER	10.00	0.00	0.00	0.00	N
A08-7891	A8789101	A	FS	AS80007794	PCBS		8082	A00035		30.1900		10.00	1.30	7.44	7.17	N
A08-7940	A8794001	A	FS	AS80007799	TCL PEST		8081	A00035		30.5600		10.00	1.30	5.88	4.09	N
A08-7940	A8794001MS	A	MS	AS80007800	TCL PEST		8081	A00035	A00225	30.6700		10.00	1.30	5.88	4.09	N
A08-7940	A8794001SD	A	SD	AS80007801	TCL PEST		8081	A00035	A00225	30.3100		10.00	1.30	5.88	4.09	N
A08-7940	A8794002	A	FS	AS80007802	TCL PEST		8081	A00035		30.7700		10.00	1.29	5.14	3.60	N
A08-7940	A8794003	A	FS	AS80007803	TCL PEST		8081	A00035		30.6000		10.00	1.29	5.80	3.64	Y
A08-7940	A8794004	A	FS	AS80007804	TCL PEST		8081	A00035		30.8000		10.00	1.31	5.60	3.53	N
A8B18338	A8B1833801		MSB	AS80007805	TCL PEST		8081	A00035	A00225	30.1400		10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802		MBLK	AS80007806	TCL PEST		8081	A00035		30.8300		10.00	0.00	0.00	0.00	N
A8B18338	A8B1833801		MSB	AS80007805	TCL Pest		8081	A00035	A00225	30.1400		10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802		MBLK	AS80007806	TCL Pest		8081	A00035		30.8300		10.00	0.00	0.00	0.00	N
A08-7988	A8798801	A	FS	AS80007807	TCL Pest		8081	A00035		30.3000		10.00	1.31	6.24	5.51	N

estAmerica Lab
 Date: 08/04/2008
 Time: 10:47:20

Organic Prep Log Book
 (3550B) 8082/8081 SOILS
 A8B18338 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext./Initials: 07/07/2008 JMB

Preconc Date/Initials:

Cleanup Date/Initials: 07/07/2008 EKD

Final Conc Date/Initials: 07/07/2008 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (mL)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7988	A8798802	A	FS	AS80007808	TCL Pest		8081	A00035		30.2900		10.00	1.31	6.11	5.18	N
A08-7988	A8798803	A	FS	AS80007809	TCL Pest		8081	A00035		30.6800		10.00	1.32	6.88	6.05	N
A08-7988	A8798804	A	FS	AS80007810	TCL Pest		8081	A00035		30.0700		10.00	1.31	7.82	6.78	N
A08-7988	A8798805	A	FS	AS80007811	TCL Pest		8081	A00035		30.4000		10.00	1.31	5.16	4.31	N
A8B18338	A8B1833801	Z	MSB	AS80007783	PCBS		8082	A00035	A00222	30.2600	SULFER	10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802	Z	MBLK	AS80007784	PCBS		8082	A00035		30.8300	SULFER	10.00	0.00	0.00	0.00	N
A08-7988	A8798802	A	FS	AS80007795	PCBS		8082	A00035		30.2900	SULFER	10.00	1.31	6.11	5.18	N
A08-7988	A8798803	A	FS	AS80007796	PCBS		8082	A00035		30.6800	SULFER	10.00	1.32	6.88	6.05	N
A08-7988	A8798804	A	FS	AS80007797	PCBS		8082	A00035		30.0700	SULFER	10.00	1.31	7.82	6.78	N
A08-7988	A8798805	A	FS	AS80007798	PCBS		8082	A00035		30.4000	SULFER	10.00	1.31	5.16	4.31	N
A08-7988	A8798801	A	FS	AS80007834	PCBS		8082	A00035		30.3000	SULFER	10.00	1.31	6.24	5.51	N

Comments: SAMPLE 7955-01 WAS REMOVED FROM THE BATCH BECAUSE IT IS AN OIL. 7-7-08 JMB
 ALL PESTICIDE SAMPLES WERE FLORISILED. 7-7-08 EKD

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-7885	A8788504	FS	AS80007742	CTA17903	9.83	1.27	5.22	4.97
A08-7885	A8788517	FS	AS80007743	CTA17903	24.96	1.34	5.77	5.17
A08-7892	A8789201	FS	AS80007781	CTA17903	24.05	1.3	5.26	4.56
A08-7892	A8789202	FS	AS80007782	CTA17903	30.07	1.3	6.61	4.95
A8B18338	A8B1833801	MSB	AS80007783	CTA17903	30.26			
A8B18338	A8B1833801	MSB	AS80007783	CTA24513	30.26			
A8B18338	A8B1833801	MSB	AS80007783	CTA25903	30.26			
A8B18338	A8B1833801	MSB	AS80007783	CTA31628	30.26			
A8B18338	A8B1833801	MSB	AS80007783	STA00489	30.26			
A8B18338	A8B1833802	MBLK	AS80007784	CTA17903	30.83			
A8B18338	A8B1833802	MBLK	AS80007784	CTA24513	30.83			
A8B18338	A8B1833802	MBLK	AS80007784	CTA25903	30.83			
A8B18338	A8B1833802	MBLK	AS80007784	CTA31628	30.83			
A8B18338	A8B1833802	MBLK	AS80007784	STA00489	30.83			
A08-7955	A8795501	FS	AS80007785	CTA24513	0	0	0	4.09
A08-7940	A8794001	FS	AS80007786	CTA25903	30.31	1.3	5.88	
A08-7940	A8794001MS	MS	AS80007787	CTA25903	30.7			
A08-7940	A8794001SD	SD	AS80007788	CTA25903	30.33			
A08-7940	A8794002	FS	AS80007789	CTA25903	30.77	1.29	5.14	3.6
A08-7940	A8794003	FS	AS80007790	CTA25903	30.6	1.29	5.8	3.64
A08-7940	A8794004	FS	AS80007791	CTA25903	30.8	1.31	5.6	3.53
A08-7940	A8794004MS	MS	AS80007792	CTA25903	30.08			
A08-7940	A8794004SD	SD	AS80007793	CTA25903	30.29			
A08-7891	A8789101	FS	AS80007794	CTA31628	30.19	1.3	7.44	7.17
A08-7988	A8798802	FS	AS80007795	STA00489	30.29			
A08-7988	A8798803	FS	AS80007796	STA00489	30.68			
A08-7988	A8798804	FS	AS80007797	STA00489	30.07			
A08-7988	A8798805	FS	AS80007798	STA00489	30.4			
A08-7940	A8794001	FS	AS80007799	CTA39612	30.56			
A08-7940	A8794001MS	MS	AS80007800	CTA39612	30.67			
A08-7940	A8794001SD	SD	AS80007801	CTA39612	30.31			
A08-7940	A8794002	FS	AS80007802	CTA39612	30.77			
A08-7940	A8794003	FS	AS80007803	CTA39612	30.6			
A08-7940	A8794004	FS	AS80007804	CTA39612	30.8			
A8B18338	A8B1833801	MSB	AS80007805	CTA39612	30.14			
A8B18338	A8B1833801	MSB	AS80007805	STA00201	30.14			

A8B18338	A8B1833802	MBLK	AS80007806	CTA39612	30.83	1.31	6.24	5.51
A8B18338	A8B1833802	MBLK	AS80007806	STA00201	30.83	1.31	6.11	5.18
A08-7988	A8798801	FS	AS80007807	STA00201	30.3	1.32	6.88	6.05
A08-7988	A8798802	FS	AS80007808	STA00201	30.29	1.31	7.82	6.78
A08-7988	A8798803	FS	AS80007809	STA00201	30.68	1.31	5.16	4.31
A08-7988	A8798804	FS	AS80007810	STA00201	30.07	1.31		
A08-7988	A8798805	FS	AS80007811	STA00201	30.4			
A08-7988	A8798801	FS	AS80007834	STA00489	30.3			

TestAmerica Lab
 Date: 07/07/2008
 Time: 14:01:50

Organic Prep Log Book
 (3550B) 8082/8081 SOILS
 A8B18338

Rept: AN0501

CW G 02630

SURROGATE
 A35
 Expiration Date: 12-30-08
 Prepared by: JMB
 Spiked by: JMB
 Witnessed by:

MATRIX SPIKE
 A22/A225
 Expiration Date: 12-30-08 / 12-10-08
 Prepared by: JMB
 Spiked by: JMB
 Witnessed by:

Florisil: SA1324
 MeCl2:
 Acetone: 617.55
 Hexane: 620.60
 Na2SO4: 378.80
 Conc.H2SO4: 300.73061

1000.00 ul

1000.00 ul

Date Ext/Initials: 07/07/2008 *JMB*

Preconc Date/Initials:

Cleanup Date/Initials: 07/07/2008 *JMB*

Final Conc Date/Initials: 07/07/2008 *JMB*

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7885	A8788504	A	FS	AS80007742	PCBS		8082	A00035			ACID	10.0				IV
A08-7885	A8788517		FS	AS80007743	PCBS		8082	A00035								
A08-7892	A8789201		FS	AS80007781	PCBS		8082	A00035								
A08-7892	A8789202		FS	AS80007782	PCBS		8082	A00035								
A8B18338	A8B1833801		MSB	AS80007783	PCBS		8082	A00035	A00222							
A8B18338	A8B1833802		MBLK	AS80007784	PCBS		8082	A00035								
A8B18338	A8B1833801		MSB	AS80007783	PCBS		8082	A00035	A00222							
A8B18338	A8B1833802		MBLK	AS80007784	PCBS		8082	A00035								
A08-7955	A8795501		FS	AS80007785	PCBS		8082	A00035				10.0				IV
A8B18338	A8B1833801		MSB	AS80007783	PCBS		8082	A00035	A00222							
A8B18338	A8B1833802		MBLK	AS80007784	PCBS		8082	A00035								
A08-7940	A8794001		FS	AS80007786	PCBS		8082	A00035								
A08-7940	A8794001MS		MS	AS80007787	PCBS		8082	A00035	A00222							
A08-7940	A8794001SD		SD	AS80007788	PCBS		8082	A00035	A00222							
A08-7940	A8794002		FS	AS80007789	PCBS		8082	A00035								
A08-7940	A8794003		FS	AS80007790	PCBS		8082	A00035								

2295/4151

D* = Decanted (Y/N)

TestAmerica Lab
 Date: 07/07/2008
 Time: 14:01:50

Organic Prep Log Book
 (3550B) 8082/8081 SOILS
 A8B18338

Rept: AN0501

SURROGATE
 Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

MATRIX SPIKE
 Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

MeCl2: _____
 Acetone: _____
 Hexane: _____
 Na2SO4: _____
 Conc. H2SO4: _____

1000.00 ul

0.00 ul

Date Ext/Initials: 07/07/2008 _____

Preconc Date/Initials: _____

Cleanup Date/Initials: 07/07/2008 _____

Final Conc Date/Initials: 07/07/2008 _____

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7940	A8794004	A	FS	AS80007791	PCBS		8082	A00035			Acid	10.0				N
A08-7940	A8794004MS	↓	MS	AS80007792	PCBS		8082	A00035	A00222							
A08-7940	A8794004SD	↓	SD	AS80007793	PCBS		8082	A00035	A00222							
A8B18338	A8B1833801	—	MSB	AS80007783	PCBS		8082	A00035	A00222							
A8B18338	A8B1833802	—	MBLK	AS80007784	PCBS		8082	A00035								
A08-7891	A8789101	A	FS	AS80007794	PCBS		8082	A00035			↓					
A08-7940	A8794001	↓	FS	AS80007799	TCL PEST		8081	A00035			Fiber 15, 11					
A08-7940	A8794001MS	↓	MS	AS80007800	TCL PEST		8081	A00035	A00225							
A08-7940	A8794001SD	↓	SD	AS80007801	TCL PEST		8081	A00035	A00225							
A08-7940	A8794002	↓	FS	AS80007802	TCL PEST		8081	A00035								
A08-7940	A8794003	↓	FS	AS80007803	TCL PEST		8081	A00035								
A08-7940	A8794004	↓	FS	AS80007804	TCL PEST		8081	A00035								
A8B18338	A8B1833801	—	MSB	AS80007805	TCL PEST		8081	A00035	A00225							
A8B18338	A8B1833802	—	MBLK	AS80007806	TCL PEST		8081	A00035								
A8B18338	A8B1833801	—	MSB	AS80007805	TCL PEST		8081	A00035	A00225							
A8B18338	A8B1833802	—	MBLK	AS80007806	TCL PEST		8081	A00035								

2296/4151

D* = Decanted (Y/N)

WestAmerica Lab
 Date: 07/07/2008
 Time: 14:01:50

Organic Prep Log Book
 (3550B) 8082/8081 SOILS
 A8B18338

Rept: AN0501

SURROGATE
 Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

MATRIX SPIKE
 MeCl2: _____
 Acetone: _____
 Hexane: _____
 Na2SO4: _____
 Conc. H2SO4: _____

1000.00 ul

0.00 ul

Date Ext/Initials: 07/07/2008 _____

Preconc Date/Initials: _____

Cleanup Date/Initials: 07/07/2008 _____

Final Conc Date/Initials: 07/07/2008 _____

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7988	A8798801	A	FS	AS80007807	TCL Pest		8081	A00035			Florisil	10.0				N
A08-7988	A8798802	+	FS	AS80007808	TCL Pest		8081	A00035								
A08-7988	A8798803	+	FS	AS80007809	TCL Pest		8081	A00035								
A08-7988	A8798804	+	FS	AS80007810	TCL Pest		8081	A00035								
A08-7988	A8798805	+	FS	AS80007811	TCL Pest		8081	A00035								
A8B18338	A8B1833801	-	MSB	AS80007783	PCBS		8082	A00035	A00222							
A8B18338	A8B1833802	-	MBLK	AS80007784	PCBS		8082	A00035			ACID					
A08-7988	A8798802	A	FS	AS80007795	PCBS		8082	A00035								
A08-7988	A8798803	+	FS	AS80007796	PCBS		8082	A00035								
A08-7988	A8798804	+	FS	AS80007797	PCBS		8082	A00035								
A08-7988	A8798805	+	FS	AS80007798	PCBS		8082	A00035								
A08-7988	A8798801	+	FS	AS80007834	PCBS		8082	A00035								

2297/4151

Acceptance Limits: 30-40 °C Turbopap Temp: 30.9, 32.2, 30.8, 30.0

Entered Initials: JMB

Gas Flow Check: EKD

Closed Initials: EKD

Comments: sample 7955-01 was removed from the batch because it is an oil. 7-7-08 JMB
 all pesticide samples were analyzed. EKD 7-7-08

D* = Decanted (Y/N)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 07/11/2008 JMB

Preconc Date/Initials:

Cleanup Date/Initials: 07/11/2008 JMB

Final Conc Date/Initials: 07/11/2008 JMB

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7940	A8794001C	A	MSRE	AS80008142	TCL PEST		8081	A00035	A00225	30.1600		10.00	0.00	0.00	0.00	N
A08-7940	A8794001D	A	MSDR	AS80008143	TCL PEST		8081	A00035	A00225	30.1100		10.00	0.00	0.00	0.00	N
A08-7940	A8794001RE	A	RE	AS80008144	TCL PEST		8081	A00035		30.0200		10.00	0.00	0.00	0.00	N
A08-7940	A8794002RE	A	RE	AS80008145	TCL PEST		8081	A00035		25.8300		10.00	0.00	0.00	0.00	N
A08-7940	A8794003RE	A	RE	AS80008146	TCL PEST		8081	A00035		30.3200		10.00	0.00	0.00	0.00	N
A08-7940	A8794004RE	A	RE	AS80008147	TCL PEST		8081	A00035		30.1700		10.00	0.00	0.00	0.00	N
A8B18647	A8B1864701		MSB	AS80008148	TCL PEST		8081	A00035	A00225	30.3200		10.00	0.00	0.00	0.00	N
A8B18647	A8B1864702		MBLK	AS80008149	TCL PEST		8081	A00035		30.3900		10.00	0.00	0.00	0.00	N
A8B18647	A8B1864701		MSB	AS80008148	TCL Pest		8081	A00035	A00225	30.3200		10.00	0.00	0.00	0.00	N
A8B18647	A8B1864702		MBLK	AS80008149	TCL Pest		8081	A00035		30.3900		10.00	0.00	0.00	0.00	N
A08-7988	A8798801RE	A	RE	AS80008150	TCL Pest		8081	A00035		30.0600		10.00	0.00	0.00	0.00	N
A08-7988	A8798802RE	A	RE	AS80008151	TCL Pest		8081	A00035		30.2500		10.00	0.00	0.00	0.00	N
A08-7988	A8798803RE	A	RE	AS80008152	TCL Pest		8081	A00035		30.2400		10.00	0.00	0.00	0.00	N
A08-7988	A8798804RE	A	RE	AS80008153	TCL Pest		8081	A00035		30.5500		10.00	0.00	0.00	0.00	N
A08-7988	A8798805RE	A	RE	AS80008154	TCL Pest		8081	A00035		30.2600		10.00	0.00	0.00	0.00	N

Comments: SAMPLE 7940-02 WAS REEXTRACTED USING AN INSUFFICIENT VOLUME OF 25.82G. JMB 7-11-08
 ALL SAMPLES WERE FLORISILED. JMB 7-11-08

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-7940	A8794001C	MSRE	AS80008142	CTA39612	30.16			
A08-7940	A8794001D	MSDRE	AS80008143	CTA39612	30.11			
A08-7940	A8794001RE	RE	AS80008144	CTA39612	30.02			
A08-7940	A8794002RE	RE	AS80008145	CTA39612	25.83			
A08-7940	A8794003RE	RE	AS80008146	CTA39612	30.32			
A08-7940	A8794004RE	RE	AS80008147	CTA39612	30.17			
A8B18647	A8B1864701	MSB	AS80008148	CTA39612	30.32			
A8B18647	A8B1864701	MSB	AS80008148	STA00201	30.32			
A8B18647	A8B1864702	MBLK	AS80008149	CTA39612	30.39			
A8B18647	A8B1864702	MBLK	AS80008149	STA00201	30.39			
A08-7988	A8798801RE	RE	AS80008150	STA00201	30.06			
A08-7988	A8798802RE	RE	AS80008151	STA00201	30.25			
A08-7988	A8798803RE	RE	AS80008152	STA00201	30.24			
A08-7988	A8798804RE	RE	AS80008153	STA00201	30.55			
A08-7988	A8798805RE	RE	AS80008154	STA00201	30.26			

tAmerica Lab
e: 07/11/2008
e: 11:45:27

Organic Prep Log Book
(3550B) 8081 RE soil
A8B18647

Florisil: S213-24

MATRIX SPIKE: A335
Expiration Date: 12-30-08
Prepared by: SM
Spiked by: JMB
Witnessed by: _____

MeCL2: G17E55
Acetone: G20E60
Hexane: G20E60
Na2SO4: 218E8000
Conc. H2SO4: _____

Cu G 02630
1000.00 ul

SURROGATE: A335
Expiration Date: 12-30-08
Prepared by: SM
Spiked by: JMB
Witnessed by: _____

Preconc Date/Initials: _____

Date Ext/Initials: 7/11/08 JMB

Cleanup Date/Initials: 7/11/08 JMB

Final Conc Date/Initials: 7/11/08 JMB

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
08-7940	A8794001C	A	MSRE	AS80008142	TCL PEST		8081	A00035	A00225		Florisil	10.0				N
08-7940	A8794001D		MSDR	AS80008143	TCL PEST		8081	A00035	A00225							
08-7940	A8794001RE		RE	AS80008144	TCL PEST		8081	A00035								
08-7940	A8794002RE		RE	AS80008145	TCL PEST		8081	A00035								
08-7940	A8794003RE		RE	AS80008146	TCL PEST		8081	A00035								
08-7940	A8794004RE		RE	AS80008147	TCL PEST		8081	A00035	A00225							
8B18647	A8B1864701		MSB	AS80008148	TCL PEST		8081	A00035								
8B18647	A8B1864702		MBLK	AS80008149	TCL PEST		8081	A00035								
8B18647	A8B1864701		MSB	AS80008148	TCL Pest		8081	A00035	A00225							
8B18647	A8B1864702		MBLK	AS80008149	TCL Pest		8081	A00035								
A08-7988	A8798801RE	A	RE	AS80008150	TCL Pest		8081	A00035								
A08-7988	A8798802RE		RE	AS80008151	TCL Pest		8081	A00035								
A08-7988	A8798803RE		RE	AS80008152	TCL Pest		8081	A00035								
A08-7988	A8798804RE		RE	AS80008153	TCL Pest		8081	A00035								
A08-7988	A8798805RE		RE	AS80008154	TCL Pest		8081	A00035								

D* = Decanted (Y/N)

Rept: AN0501

Organic Prep Log Book
(3550B) 8081 RE soil
A8B18647

tAmerica Lab
e: 07/11/2008
e: 11:45:27

Accepted Limits: 30-40 °C	Turbovap Temp: 30.6, 32.2, 30.8	Entered Initials: JMB
Gas Flow Check: JMB		Closed Initials: EFD

Comments: All samples were for inside of JMB 7-11-08

Test America Buffalo

GC Extractable INJECTION LOGBOOK

Instrument ID: HP 6890-5
Logbook # A07-17-16

Columns: A/B

LNK01 / LNK02

Sequence 02

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
		ICM 25 VI V VJ			10			110 115
		ACM 25 VA ICM 30 E						110 1075 105
		OE VOM	10 10		15			101 1005
		ICM 11 PH PG PF			20			
		PG PF	10 10					
		ACM 11 JB Hex						
11/25/09 WAR		ICM 1 ZB 25 VMN 30 M 11 PF			25			APR BOK APR BOK APR BOK APR BOK
		AW80000100 1101 1102			30		TXO'd	
		AW80000930 Hexane						
		AW80000930 930	5 10		35			

GC Extractable INJECTION LOGBOOK

000006

Instrument ID: HP 6890-5
Logbook # A07-17-16

Columns: A/B BX CRT I 1 BX CRT II

Sequence 02

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
	0685	AW5000931					TXO'd	
	<u>X</u>	931	4					
		ICM25VN						AK BOK
		↓ 30M			40			AK BOK
		↓ 11 PP						AK BOK
		ACM11JB						AK BOK
		ICM14 PD						
		PH						
		PG			95			
		PH	10					
		↓ PG	10					
		ACM14 KA						
	0685	AW8000938	2					
		ICM14 PG			50			AK BOK
		Hexaned						
		↓						
		ICM12G						AK BOK
		↓ 25VN						AK BOK
		↓ 30M			55			AK BOK
	0685	AW5000930	20					
		ICM25VN						AK BOK
		↓ 30M						AK BOK
	0723	AW8001107						
	0717	1111			60			
		Hexaned						
		ICM25VN						AK BOK but carryover
		↓ 30M						AK BOK



GC Extractable INJECTION LOGBOOK

Sequence 09

Instrument ID: HP 6890-5
Logbook # A07-17-16

Columns: A/B RTXCCPT1 RTXCCPT2

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
6/13/08 MAN	6441 1	AW80010345 ↓ 10346 1cm1BA ↓ 25WQ ↓ 3PH			125		AROP	
	6468	AW80010350	10	C ₆ ⁺				AOK BOK
	6414	↓ 10354	10	↓	130			A MORTA BT
	6415	↓ 10355 Hexane Tcm25WQ ↓ 3 PA	A					AJCMXT BT
6/16/08 MAN		Hexane Tcm1BB ↓ 25WQ ↓ 3PH Tcm25WB | WC | WQ | WC | WQ			135			A ↑ BT AJCMXT BT
		Acm25VA 1cm3PJ | 3PI | 3PH | 3PJ ↓ 3PH	10 10		140			
		Acm25VA						reshooting
		1cm3PJ	10		145			
		Acm25VA	10					
			10		150			

GC Extractable INJECTION LOGBOOK

Instrument ID: HP 6890-5
 gbook # A07-17-16

Columns: A/B

BVX C8P I 1 BVX C8P II

Sequence 10

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
7-1-08 DVB	QC	A580007407 mSB						Qidea
	7582	7408 mBCh						
		7399						
		7400 mS			130			
		7401 SD						
		7402						
		7403	10					
		7404	10					
		7405	10		135			
		7406	10					
		ICM 25 WS						AT B Endcell ↑
		ICM 3 PN						AT B BY ↑ 19%
7/2/08 mm		hexane						
		ICM 1 BC			140			AOK BOK
		25WS						A done ↑ BOK
		↓ 3PN						ATM Y ↑ BOK
	QC	A580007649					VR0B	
		7650						
		7651			145			
	QC	7586						
		7587						
		↓ 7588						
		ICM 25 WS						A done ↑, BOK
		3 PN						AT BOK
		↓ 14 QG			150			
	7691	A650007647						
		↓ 7648	5					

GC Extractable INJECTION LOGBOOK

000080

Instrument ID: HP 6890-5
Logbook # A07-17-16

Columns: A/B RTX CR II ATX CR II

Sequence 10

2306/4151

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
	7595	A00 A58007585 Hexane ↓	250		155	(4)	A7015	
7/3/08 MAN		ICM25WT ↓ 3PN Hexane ICM25WT ↓ 3PN ↓ IBC			160			A done ↑ B End II ↑ ATMX ↑ BOK
	7691 ↓ 7595	A58007647 (7647) 7648 (7648) 2585 Hexane ↓	DF50		165			A done ↑ BOK ATMX ↑ BOK AOK BOK
		ICM25 BUT (wt) ↓ 3PN ↓ 11QB Hexane ↓			170			A done ↑ B End II ↑ ATMX ↑ BOK AOK BOK ↑
7/5/08 MAN		ICM1BC ↓ 25WT ↓ 3PN A080011827 11828 11829 11837 11838		cut	175			AOK BOK A done ↑ B DDT ↑ Methoxy ↑ ATMX ↑ BOK
	7857 ↓		20 4		180			

GC Extractable INJECTION LOGBOOK

000042

Sequence 06

Instrument ID: HP 6890-6
Logbook # A07-18-01

Columns: A/B APX CAPI / AVX CAPI

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
3-24-08	ICAL	ICM14QE						
DSB	Totaphene	14QB						
		14QD			165			
		14QB	10					
		14QD	10					
		ACM14LA						AOK BOK
		ICM14QD			170			
	MDX	Totaphene Wadep #1						
		#2						
		#3						
		#4						
		#5						
		#6			175			
		#7						
		MBL						
		MDX1						
		MDX12						
		Totaphene Soil #1			180			
		#2						
		#3						
		#4						
		#5						
		#6						
		#7						
		MBD						
		MDX1#1						
		MDX1#2						
					185			

GC Extractable INJECTION LOGBOOK

2308/41513
Sequence 13

Instrument ID: HP 6890-6
Logbook # A07-18-01

Columns: A/B *ATX CPT I: ATX CPT II*

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
		AW80010316 ICM25WR ↓ 3PK			125	TXOB	TXOB	A ↑ B ends ITT A ↑ BOK
6-19-08 JTB	6265	AW80010295 ↓ 10296 10297 10298 10299		Cu2x ↓	130			
		hexane ICM25WR ICM3 PK						A ↑ B ^{DDT} DDT-15.1 A ↑ BOK
	6265	AW80010298 hexane ICM25WR ICM3 PK		Cu3x	135			A ↑ B ^{DDT} DDT A ↑ BOK charge wood
6/20/08 NCP		hexane ICM13B ↓ 25WR 3 PK ↓ 25WR (25WR) ICM25WR			140			
		WC WR WC WR	10 10		145			
		Acm25 VA ICM3 PS						

Rev.0
12/20/2007

Reviewed By: _____ Date: _____



Test America Buffalo

GC Extractable INJECTION LOGBOOK

Sequence 13

Instrument ID: HP 6890-6
Logbook # A07-18-01

Columns: A/B *ATX CPT I: ATX CPT II*

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
		ICM3 PI PK PJ ↓ VPK	10 510		150			
6-21-08 JTB		hexane ICM13B ICM25WR ICM3 PK			155			AOK BOK AOK BOK AOK BOK
	QC	AW80011031MSB 11032 MSB 11033 M Bk		Cu	160		TXOB	
	6206	11011 11012 11013 11014 11015 11016	10	Cu	165			
		11017 ICM25WR ICM3 PK			170			ADD Ametheoy-mk BDDP AOK BOK
	6206	AW80011018 11019 11020 11021 11022 11023 11024			175			

Rev.0
12/20/2007

Reviewed By: _____ Date: _____

GC Extractable INJECTION LOGBOOK

Instrument ID: HP 6890-6
Logbook # A07-18-01

Columns: A / B BVX C8 PL1 B Vx C8 PL2

Sequence 14

2309/4151

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
7/5/07 MMW		hexane			142			AOK BOK
		TCM 1 BC						Added to BOK
		25WT			145			AOK BOK
7935		3PN ASB 007716					TR0B	
		7717						
		7718						
		7709	2					
		7710	2		150			
		7711	2					
		7712						
		7713	2					
		7714						
		7715	2		155			see in BOK AOK BOK
		TCM 25WT						
		3PN						
		1406						
7-7-08 BVB		hexane						
		TCM 1 BC			160			AOK BOK
		TCM 25WT						Added to BOK
		TCM 3PN						AOK BOK
		chloroform						
		TCM 11QE 1.5						
		11QF 1.0						
		11QG 0.5			145			
		11QF 10x0.10						
		11QG 10x0.05						
		ACM 11KB						AOK BOK

Test America Buffalo
GC Extractable INJECTION LOGBOOK

000112

Instrument ID: HP 6890-6
Logbook # A07-18-01

Columns: A/B ATX CAPT BTX CAPT

Sequence 15

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
7-9-08 SUB	QC	AS80007805MSB		Cu				
	7940	7806M2Rk						
		7799	4					
		7800MS	4		10			
		7801SD	4					
		7802	4					
		7803						
		7804						
		TCM25 WU			15			ADDT ↓ B BNC 7 A NCB ↓ BOK
	7988	AS80007807	10	Cu				
		7808	5					
		7809						
		7810			20			
		7811						
		TCM25 WU						ADDT ↓ B BNC 7 A NCB ↓ BOK
		TCM3 PP						
7/10/08 mt		hexane						
		↓			25			AOK BOK A NCB ↓ BOK
		TCM1 BC						
		↓ 25 WU						
		↓ 3 PP						
	852	AS80007985						
	QC	7986			30			
		7987						
		7988						
		TCM25 WU						A NCB ↓ BOK JUL 23 2008

Rev.0
12/20/2007

Reviewed By: MAN Date:



GC Extractable INJECTION LOGBOOK

Instrument ID: HP 6890-6
Logbook # A07-18-01

Columns: A/B RNUP RTYUP

Sequence 15

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
		TCM3 PP						A NCB ↓ BOK
		TCM11 Q6			35			A OK BOK
		↓ 14 Q6						A ↓ BOK
	QC	AS80007805					RCB	
	↓	7806						
	7940	7799	4					
		7800MS	4		40			
		7801SD	4					
		7802	4					
		7803						
		7804						
		TCM25 WU			45			Packet BOK A NCB ↓ BOK
		3 PP						
7-11-08 SUB		hexane						
		TCM1 BC						A OK BOK
		TCM25 WU						+ some ↓ BOK
		TCM3 PP			50			A NCB ↓ BOK
	7988	AS80007807	16	Cu				
		7808	5					
		7809						
		7810						
		7811			55			
		TCM25 WU						A ↓ B some ↑
		TCM3 PP						A NCB ↓ B some ↑
7-14-08 SUB		hexane						
		hexane						
		TCM1 BC			60			AOK BOK

Rev.0

MAN

JUL 23 2008

GC Extractable INJECTION LOGBOOK

Sequence 107

Columns: A/B ADZ C8P I 1. RTZ C8P II

Instrument ID: HP 6890-6
Logbook # A07-18-01

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
7-15-08 DWB	7988	AS80008154		Cu		1		
		1 7810			90			} not injected A ₂
		ICM25WV						
		ICM3PP						
7-16-08 DWB		hexane			89			ACK BOK
		ICM1BC			90			A ↓ BOK
		ICM25WV						A ↓ BOK
		ICM3PP						A ↓ BOK
		ICM1QG						A ↓ BOK
		MEM14QG						ACK BOK
	QC	AS80008148msB		Cu	95		VR0B	
		8149mBok						
	7988RE	8150	10					
		8151	5					
		8152						
		8153			100			
		8154						
		7810						
		ICM25WV						A ↓ BOK
		ICM3PP						A ↓ BOK

```

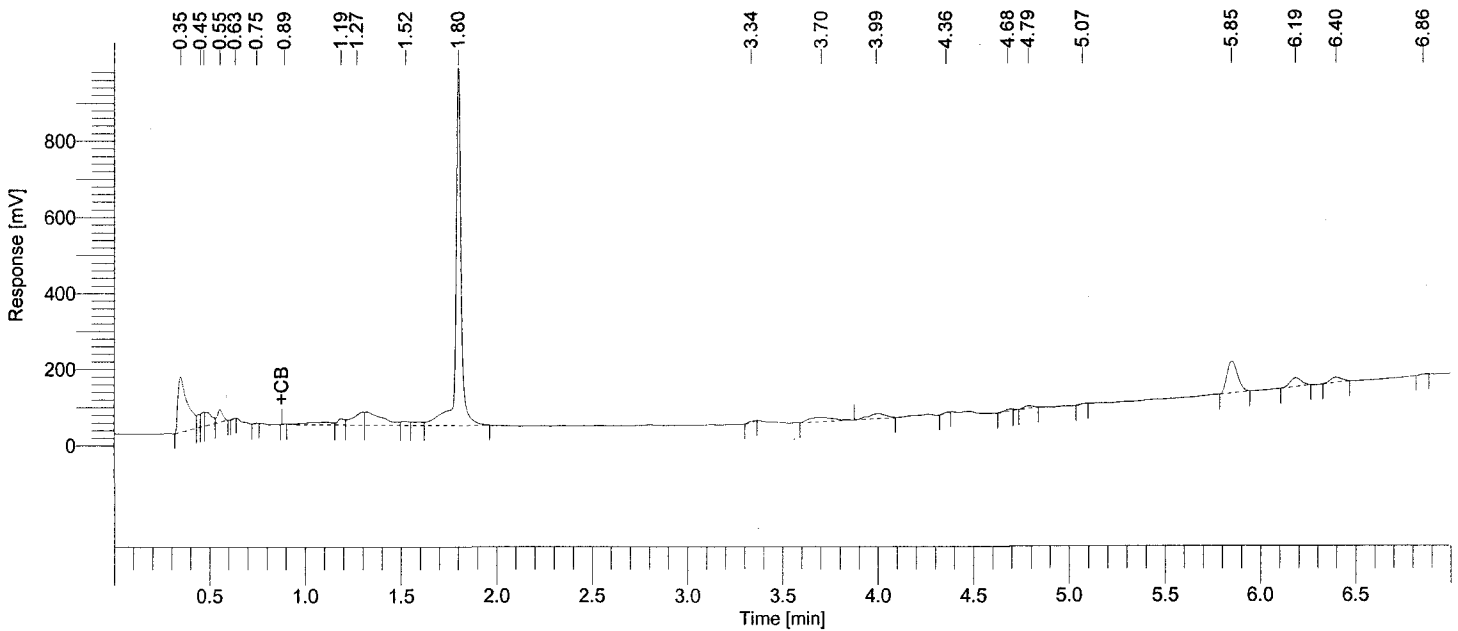
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200354
Operator          : tchrom
Sample Number     :
AutoSampler       : NONE
Instrument Name    : HP5890-16
Interface Serial # : 3090270361
Delay Time        : 0.00 min
Sampling Rate     : 16.6660 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/02/2008 10:48:58

Date              : 07/02/2008 11:10:44
Sample Name      : AS80007585
Study            :
Rack/Vial        : 0/0
Channel          : A
A/D mV Range     : 1000
End Time         : 7.00 min

Area Reject      : 1000.000000
Dilution Factor  : 10.00 50.00
Cycle            : 2
    
```

```

Raw Data File : H:\TURBO6\5890-16\16a94002.raw <Modified>
Result File   : H:\TURBO6\5890-16\16a94002.rst
Inst Method   : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16a94002.raw
Proc Method   : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94002.rst
Calib Method  : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94002.rst
Report Format File: h:\turbo6\5890-16\16screen.rpt
Sequence File : H:\TURBO6\5890-16\16D94.seq
    
```



PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.25		0	213393	AR1242	0.05763	0
	1.65		1	2035965	AR1248	0.37414	1
	2.15		1	1825349	AR1254	0.32882	1

4074707

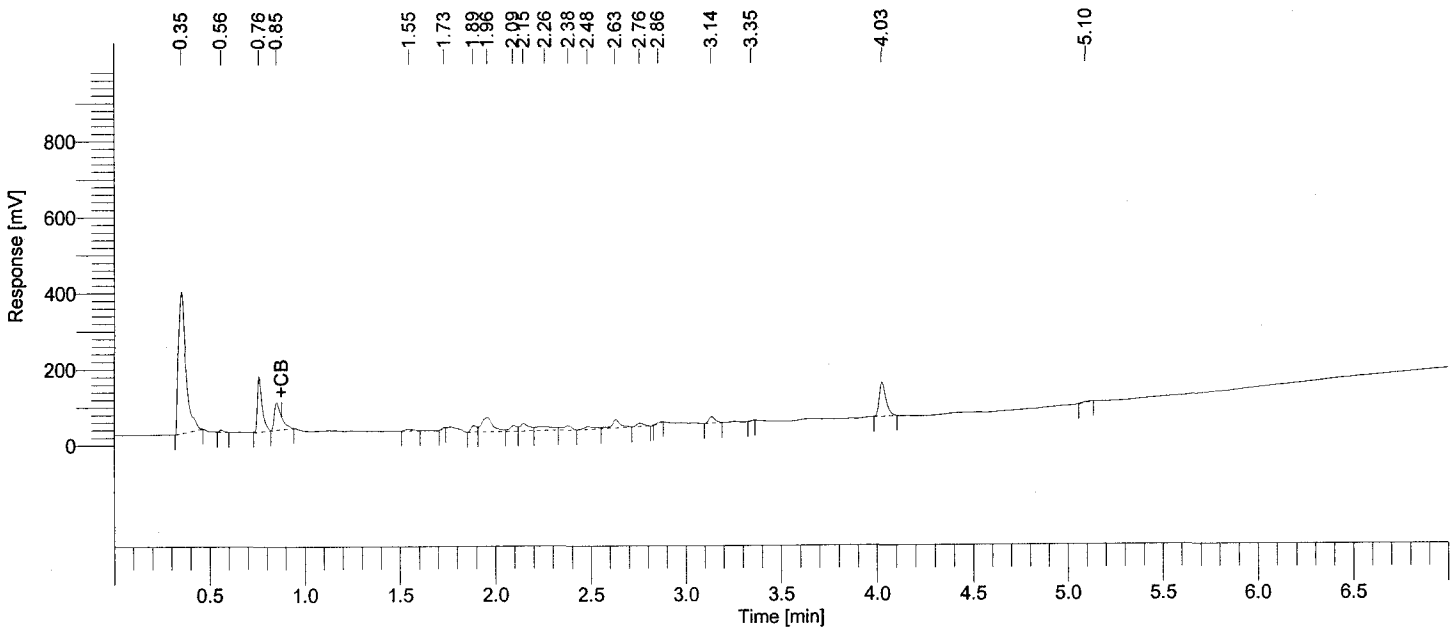

```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200352
Operator          : tchrom
Sample Number     :
AutoSampler       : NONE
Instrument Name    : HP5890-16
Interface Serial # : 3090270361
Delay Time        : 0.00 min
Sampling Rate     : 16.6660 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/02/2008 10:38:49

Date              : 07/02/2008 11:10:39
Sample Name       : AS80007647
Study             :
Rack/Vial         : 0/0
Channel           : A
A/D mV Range     : 1000
End Time         : 7.00 min
Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\5890-16\16a94001.raw <Modified>
Result File   : H:\TURBO6\5890-16\16a94001.rst
Inst Method   : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16a94001.raw
Proc Method   : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94001.rst
Calib Method  : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94001.rst
Report Format File: h:\turbo6\5890-16\16screen.rpt
Sequence File : H:\TURBO6\5890-16\16D94.seq
    
```

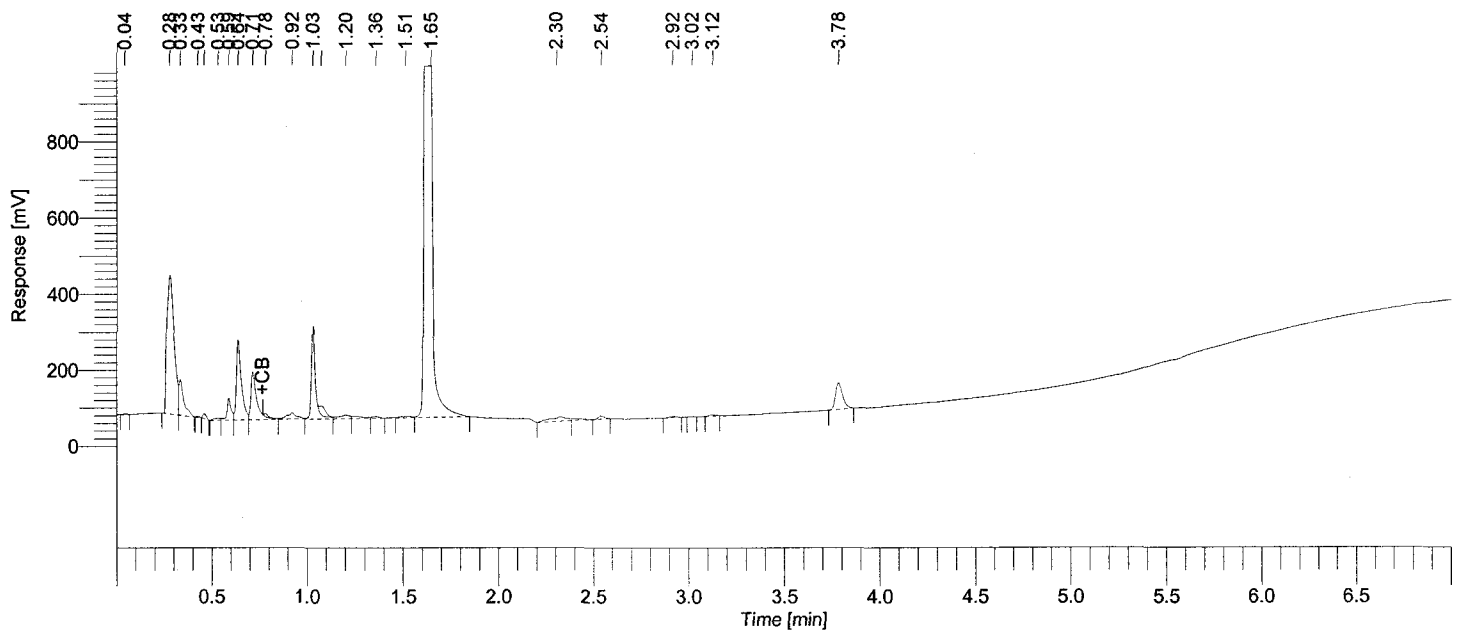


PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.25		0	209661	AR1242	0.05662	0
	1.65		0	314513	AR1248	0.05780	0
	2.15		0	434873	AR1254	0.07834	0
	2.65		0	227982	AR1260	0.03847	0
				1187028			

Software Version	: 6.2.1.0.104:0104	Date	: 07/02/2008 11:10:41
Reprocess Number	: buf2042: 200353		
Operator	: tchrom	Sample Name	: AS80007648
Sample Number	:	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-16	Channel	: B
Interface Serial #	: 3090270361	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/02/2008 10:38:49	Cycle	: 1

Raw Data File : H:\TURBO6\5890-16\16b94001.raw <Modified>
 Result File : H:\TURBO6\5890-16\16b94001.rst
 Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16b94001.raw
 Proc Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16b94001.rst
 Calib Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16b94001.rst
 Report Format File: h:\turbo6\5890-16\16screen.rpt
 Sequence File : H:\TURBO6\5890-16\16D94.seq



PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.30		1	3649510	AR1242	0.30312	1
	1.60		0	3166646	AR1248	0.18481	0
	2.10		0	3189351	AR1254	0.19517	0
	2.65		0	108316	AR1260	0.00668	0

10113824

8082 Data

QC Summary

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 SOIL SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

GC Column(1): ZB-35 ID: 0.53 (mm)

Level (low/med): LOW

	Client Sample ID	Lab Sample ID	DCBP %REC	TCMX # %REC						TOT OUT
1	Matrix Spike Blank	A8B1804601	87	88						0
2	Matrix Spike Blank	A8B1807801	91	93						0
3	Matrix Spike Blank	A8B1833801	84	81						0
4	Matrix Spike Blk Dup	A8B1804602	85	86						0
5	Matrix Spike Blk Dup	A8B1807802	88	90						0
6	Method Blank	A8B1804603	97	90						0
7	Method Blank	A8B1807803	90	91						0
8	Method Blank	A8B1833802	97	82						0
9	SB-002/6-8	A8798803	89	84						0
10	SB-018/4-6	A8798804	85	77						0
11	SB-036/7.5-8(ROC)	A8759501	68	78						0
12	SB-050/0-1(ROC)	A8769101	80	85						0
13	SB-050/6-8	A8769102	64	68						0
14	SB-070/6-7.5	A8798805	90	80						0
15	SB-51/0-1(ROC)	A8798801	108	86						0
16	SB-53/0-1(ROC)	A8798802	92	78						0

QC LIMITS

(DCBP) = Decachlorobiphenyl
 (TCMX) = Tetrachloro-m-xylene

(34-148)
 (35-134)

- # Column to be used to flag recovery values
- * Values outside of contract required QC limits
- D Surrogates diluted out

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1804603

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
Aroclor 1260	162	164	101	52 - 140	
Aroclor 1016	162	143	88	59 - 154	

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	RPD	QC LIMITS REC.	+
Aroclor 1260	162	160	99	2	50	52 - 140	
Aroclor 1016	162	141	87	1	50	59 - 154	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
 Spike recovery: 0 out of 4 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 SOIL MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1807803

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
Aroclor 1260	162	159	98	52 - 140	
Aroclor 1016	162	145	90	59 - 154	

COMPOUND	SPIKE ADDED UG/KG	MSBD CONCENTRATION UG/KG	MSBD % REC #	% RPD #	QC LIMITS		+
					RPD	REC.	
Aroclor 1260	164	154	94	4	50	52 - 140	
Aroclor 1016	164	141	86	4	50	59 - 154	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits
 Spike recovery: 0 out of 4 outside limits

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B1833802

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix Spike - Client Sample No.: Method Blank Level: (low/med) LOW

COMPOUND	SPIKE ADDED UG/KG	MSB CONCENTRATION UG/KG	MSB % REC #	QC LIMITS REC.	+
Aroclor 1260	165	142	86	52 - 140	
Aroclor 1016	165	148	90	59 - 154	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 2 outside limits

Comments: _____

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1804603 Lab File ID: 7B63116.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): Y Date Extracted: 07/01/2008

Date Analyzed (1): 07/03/2008 Date Analyzed (2): _____

Time Analyzed (1): 11:08 Time Analyzed (2): _____

Instrument ID (1): HP6890-7 Instrument ID (2): _____

GC Column (1): ZB-35 Dia: 0.53(mm) GC Column (2): _____ Dia: _____(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	Matrix Spike Blank	A8B1804601	07/03/2008	
2	Matrix Spike Blk Dup	A8B1804602	07/03/2008	
3	SB-036/7.5-8(ROC)	A8759501	07/03/2008	

Comments: _____

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8082 - POLYCHLORINATED BIPHENYLS
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1807803 Lab File ID: 7B63105.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): N Date Extracted: 07/01/2008

Date Analyzed (1): 07/02/2008 Date Analyzed (2): _____

Time Analyzed (1): 12:25 Time Analyzed (2): _____

Instrument ID (1): HP6890-7 Instrument ID (2): _____

GC Column (1): ZB-35 Dia: 0.53 (mm) GC Column (2): _____ Dia: _____ (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
1	Matrix Spike Blank	A8B1807801	07/02/2008	
2	Matrix Spike Blk Dup	A8B1807802	07/02/2008	
3	SB-050/0-1 (ROC)	A8769101	07/02/2008	
4	SB-050/6-8	A8769102	07/02/2008	

Comments: _____

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Lab Sample ID: A8B1833802 Lab File ID: 12A36017.TX0

Matrix: (soil/water) SOIL Extraction: SONC

Sulfur Cleanup: (Y/N): Y Date Extracted: 07/07/2008

Date Analyzed (1): 07/08/2008 Date Analyzed (2): _____

Time Analyzed (1): 11:11 Time Analyzed (2): _____

Instrument ID (1): HP5890-12 Instrument ID (2): _____

GC Column (1): ZB-5 Dia: 0.53 (mm) GC Column (2): _____ Dia: _____ (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
1	Matrix Spike Blank	A8B1833801	07/08/2008	
2	SB-002/6-8	A8798803	07/08/2008	
3	SB-018/4-6	A8798804	07/08/2008	
4	SB-070/6-7.5	A8798805	07/08/2008	
5	SB-51/0-1 (ROC)	A8798801	07/08/2008	
6	SB-53/0-1 (ROC)	A8798802	07/08/2008	

Comments: _____

Laboratory: A
 Project Manager: JRK

Client Name	Project No	Task No	Parameter	Type	Protcl	Method	Test	M	UM	CDL	TDL	MDL	E E		
													X	I	J
Bella Associates	NY2A8951.6	8	Aroclor 1016	EQL	SW8463	8082	STA00489	S	UG/KG		16.67000	3.26118	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1016	EQL	SW8463	8082	STA00490	W	UG/L		0.50000	0.17600	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1221	EQL	SW8463	8082	STA00489	S	UG/KG		16.67000	4.23100	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1221	EQL	SW8463	8082	STA00490	W	UG/L		0.50000	0.17640	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1232	EQL	SW8463	8082	STA00489	S	UG/KG		16.67000	3.12131	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1232	EQL	SW8463	8082	STA00490	W	UG/L		0.50000	0.17100	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1242	EQL	SW8463	8082	STA00489	S	UG/KG		16.67000	2.90256	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1242	EQL	SW8463	8082	STA00490	W	UG/L		0.50000	0.18200	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1248	EQL	SW8463	8082	STA00489	S	UG/KG		16.67000	3.98752	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1248	EQL	SW8463	8082	STA00490	W	UG/L		0.50000	0.18200	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1254	EQL	SW8463	8082	STA00489	S	UG/KG		16.67000	8.66085	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1254	EQL	SW8463	8082	STA00490	W	UG/L		0.50000	0.07900	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1260	EQL	SW8463	8082	STA00489	S	UG/KG		16.67000	3.52400	N	J	
Bella Associates	NY2A8951.6	8	Aroclor 1260	EQL	SW8463	8082	STA00490	W	UG/L		0.50000	0.25000	N	J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRGL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-002/6-8

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798803Sample wt/vol: 30.68 (g/mL) G Lab File ID: 12A36030.TX0% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

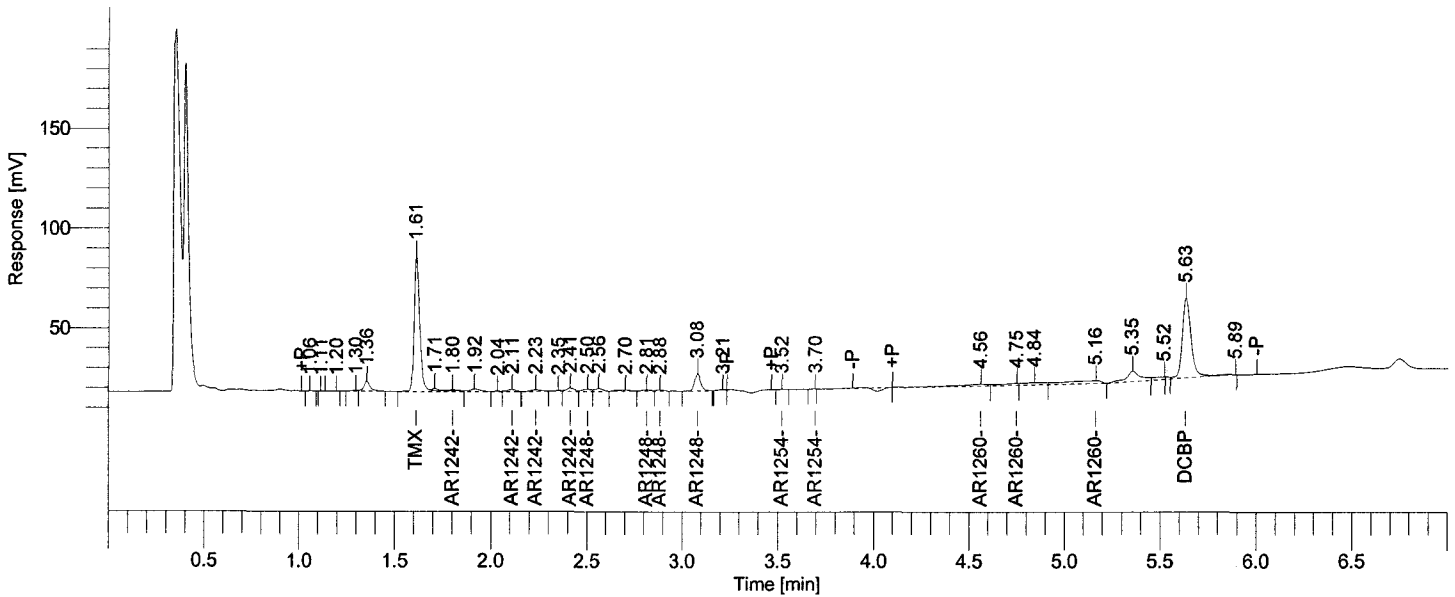
Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	19	U
11104-28-2----	Aroclor 1221	19	U
11141-16-5----	Aroclor 1232	19	U
53469-21-9----	Aroclor 1242	19	U
12672-29-6----	Aroclor 1248	5.7	J
11097-69-1----	Aroclor 1254	19	U
11096-82-5----	Aroclor 1260	19	U

Software Version : 6.2.1.0.104:0104
 Operator : tchrom
 Sample Number : A8798803
 AutoSampler : NONE
 Instrument Name : HP5890-12
 Interface Serial # : 4118271166
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 07/08/2008 14:17:04

Date : 07/16/2008 13:04:14
 Sample Name : AS80007796CU+
 Study : STA00489
 Rack/Vial : 0/0
 Channel : A
 A/D mV Range : 1000
 End Time : 7.00 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 15

Raw Data File : H:\TURBO6\5890-12\12a36030.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a36030.rst [Editing in Progress]
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36030.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36030.rst [Editing in Progress]
 Calib Method : h:\turbo6\5890-12\12a-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12a36030.rst [Editing in Progress]
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D36.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.61	BE	139613	TMX	0.01685	-----	0
	2.41		13097	AR1242	0.00934	0.00233	4
	3.08		27399	AR1248	0.01519	0.00380	4
	5.16		40513	AR1260	0.02054	0.00513	4
30	5.63	VE	125510	DCBP	0.01787	-----	0
			346133			0.01127	

JUL 16 2008
 (Signature)

07/16/2008 13:04:14 Result: H:\TURBO6\5890-12\12a36030.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	1.80	VV	1777	AR1242-A	0.00852	0.00213	4
11	2.11	VB	3280	AR1242-B	0.00842	0.00210	4
12	2.23	BV	3465	AR1242-C	0.01623	0.00406	4
14	2.41	VV	4575	AR1242-D	0.00774	0.00193	4
						13097	0.01023

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	2.50	VV	3894	AR1248-A	0.02769	0.00692	4
18	2.81	VV	2392	AR1248-B	0.00593	0.00148	4
19	2.88	VB	1435	AR1248-C	0.00445	0.00111	4
20	3.08	BB	19678	AR1248-D	0.02101	0.00525	4
						27399	0.01477

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.26		0	AR1254-A	0.00000	-----	-
22	3.52	BB	364	AR1254-B	5.72e-04	1.43e-04	4
23	3.70	BV	196	AR1254-C	3.09e-04	7.72e-05	4
-	4.06		0	AR1254-D	0.00000	-----	-
						560	2.20e-04

Group Report For : AR1260

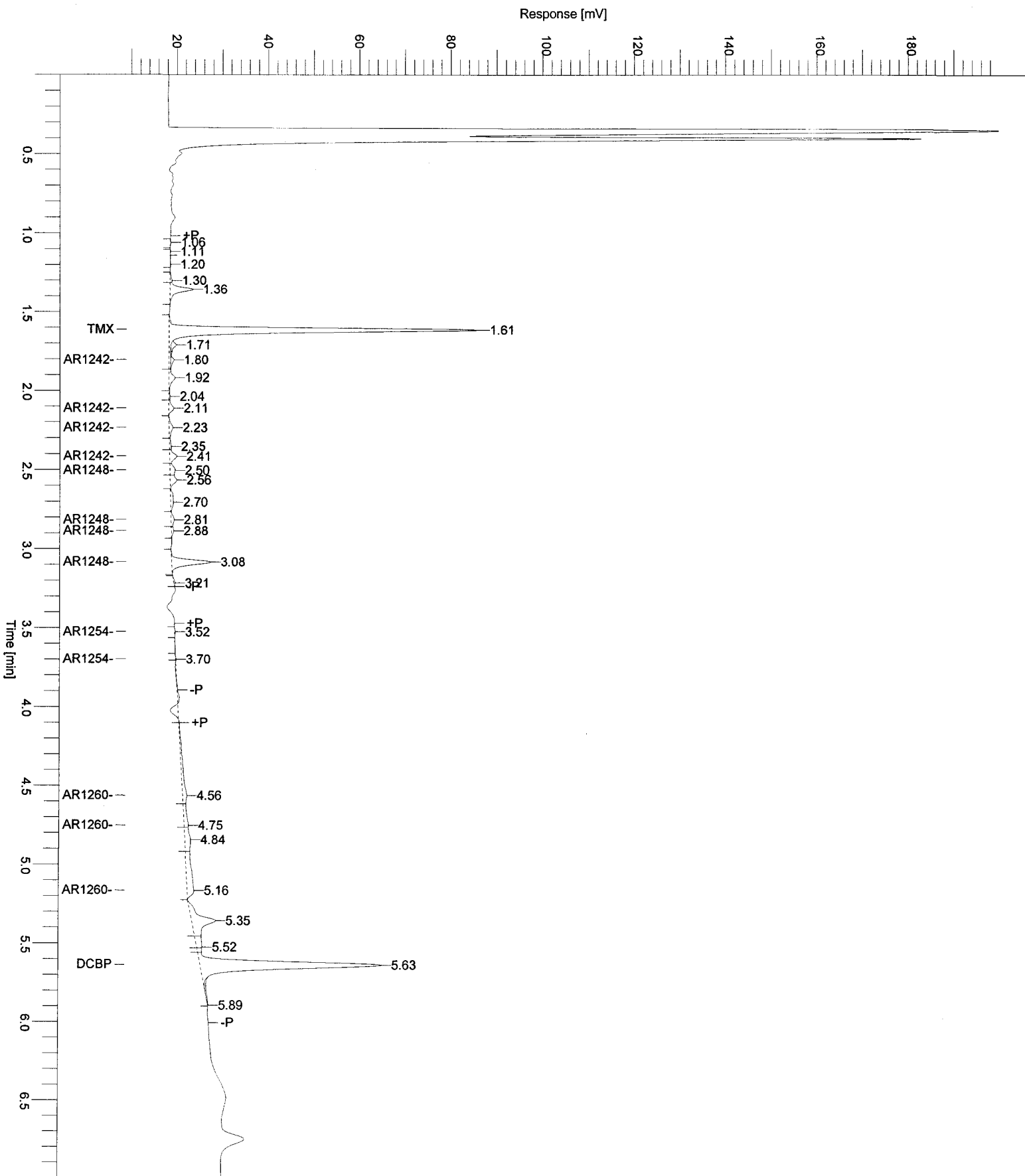
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.19		0	AR1260-A	0.00000	-----	-
24	4.56	VV	13129	AR1260-B	0.01573	0.00393	4
25	4.75	VV	6711	AR1260-C	0.01883	0.00471	4
27	5.16	VB	20674	AR1260-D	0.09837	0.02459	4
						40513	0.03323

Sample Name : AS80007796CU+
FileName : H:\TURBO6\5890-12\12a36030.raw
Date : 07/16/2008 13:04:17

Sample # : A8798803

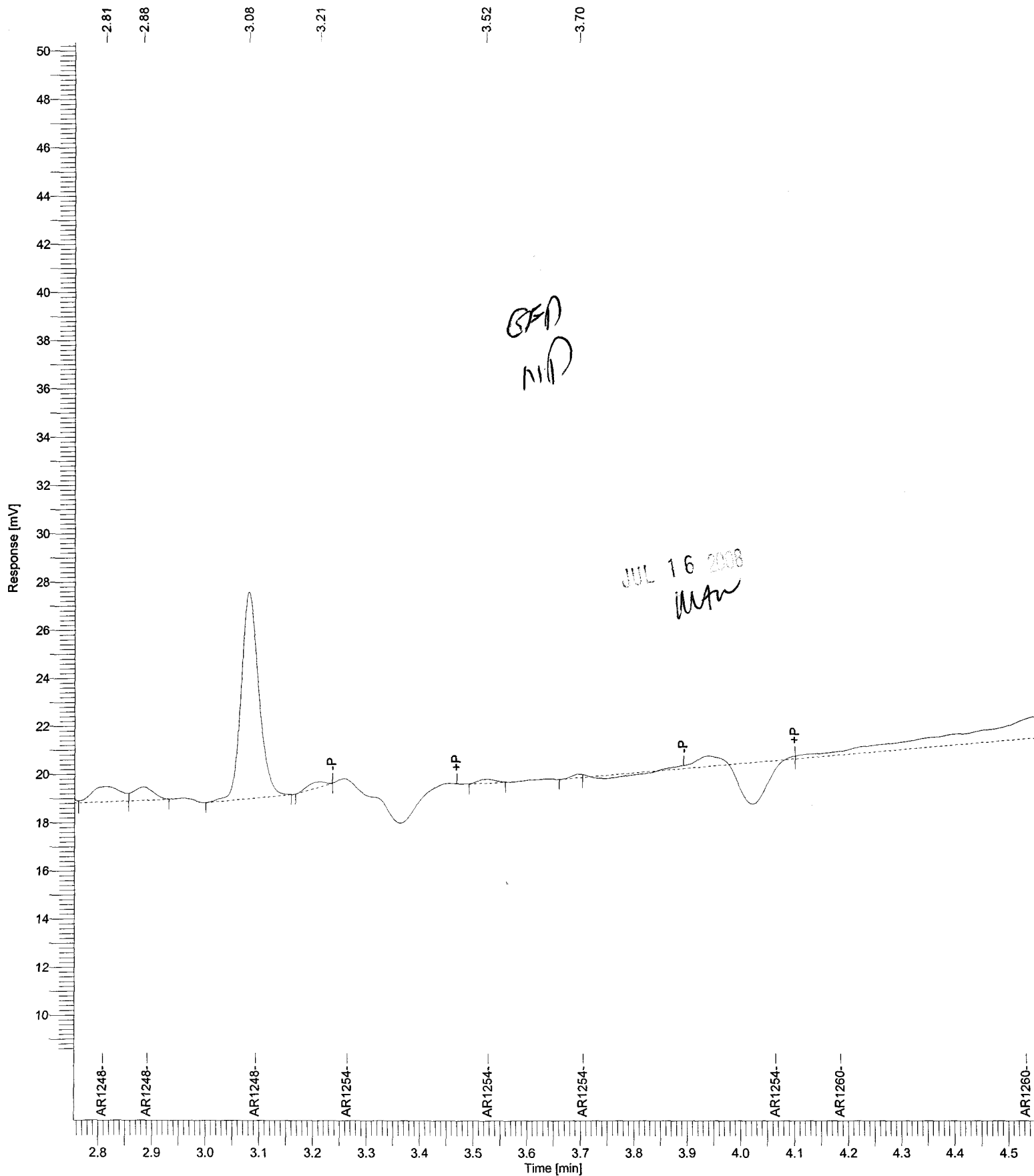
Page 1 of 1

Method :
Start Time : 0.00 min End Time : 7.00 min Time of Injection: 07/08/2008 14:17:04
Scale Factor: 1.0 Plot Offset: 8.92 mV Low Point : 8.92 mV High Point : 199.92 mV
Plot Scale: 191.0 mV



Sample Name : AS80007796CU+
FileName : H:\TURBO6\5890-12\12a36030.raw
Date : 07/16/2008 13:04:18
Method :

Sample # : A8798803
Page 1 of 1
Time of Injection: 07/08/2008 14:17:04
Start Time : 2.75 min
End Time : 4.55 min
Low Point : 8.44 mV
High Point : 50.33 mV
Plot Offset: 8.44 mV
Plot Scale: 41.9 mV



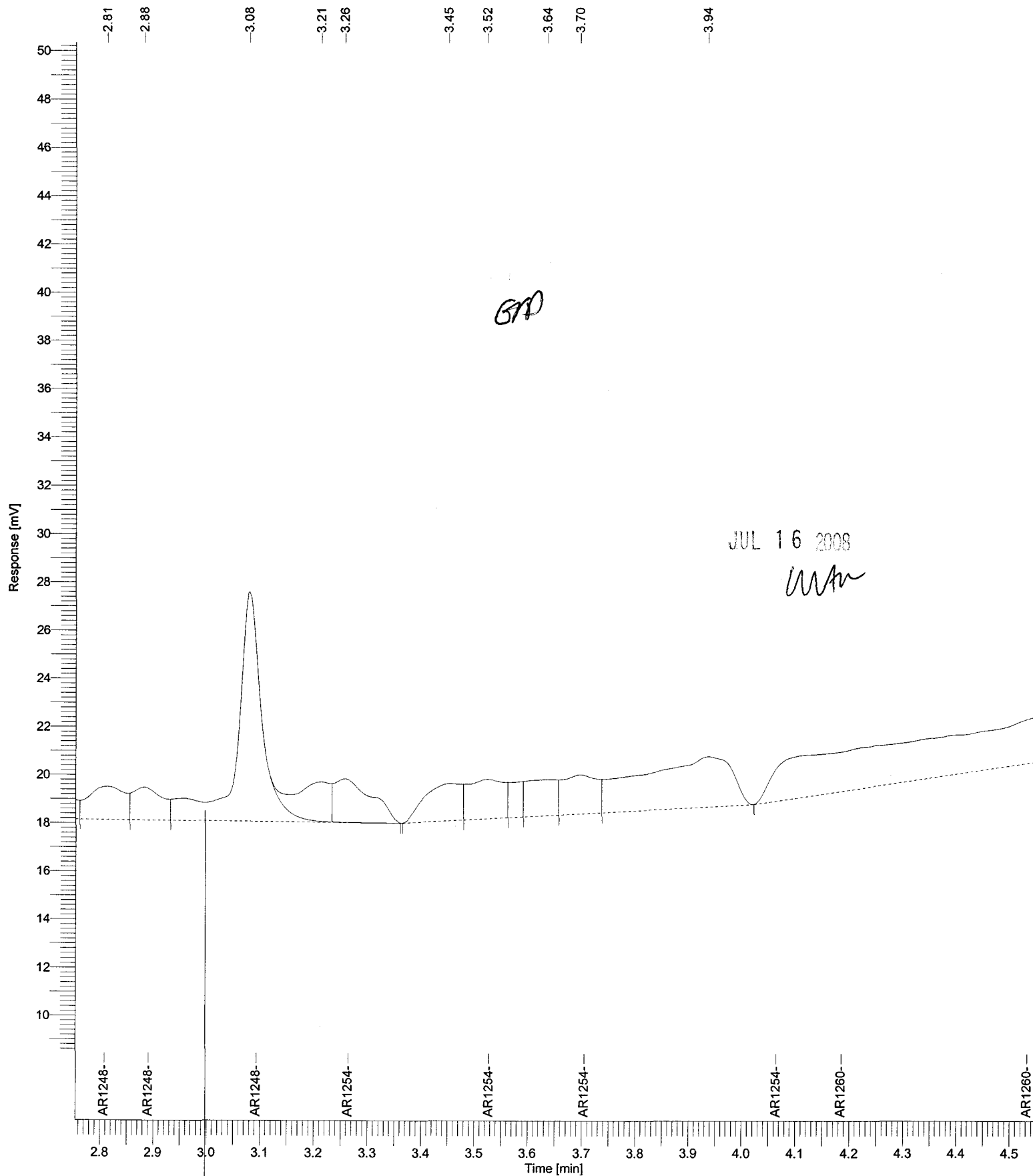
Sample Name : AS80007796CU+
FileName : H:\TURBO6\5890-12\12a36030.raw
Date : 07/16/2008 13:03:40
Method :

Sample #: A8798803

Page 1 of 1

Time of Injection: 07/08/2008 14:17:04

Start Time : 2.75 min End Time : 4.55 min Low Point : 8.44 mV High Point : 50.33 mV
Plot Offset: 8.44 mV Plot Scale: 41.9 mV



```

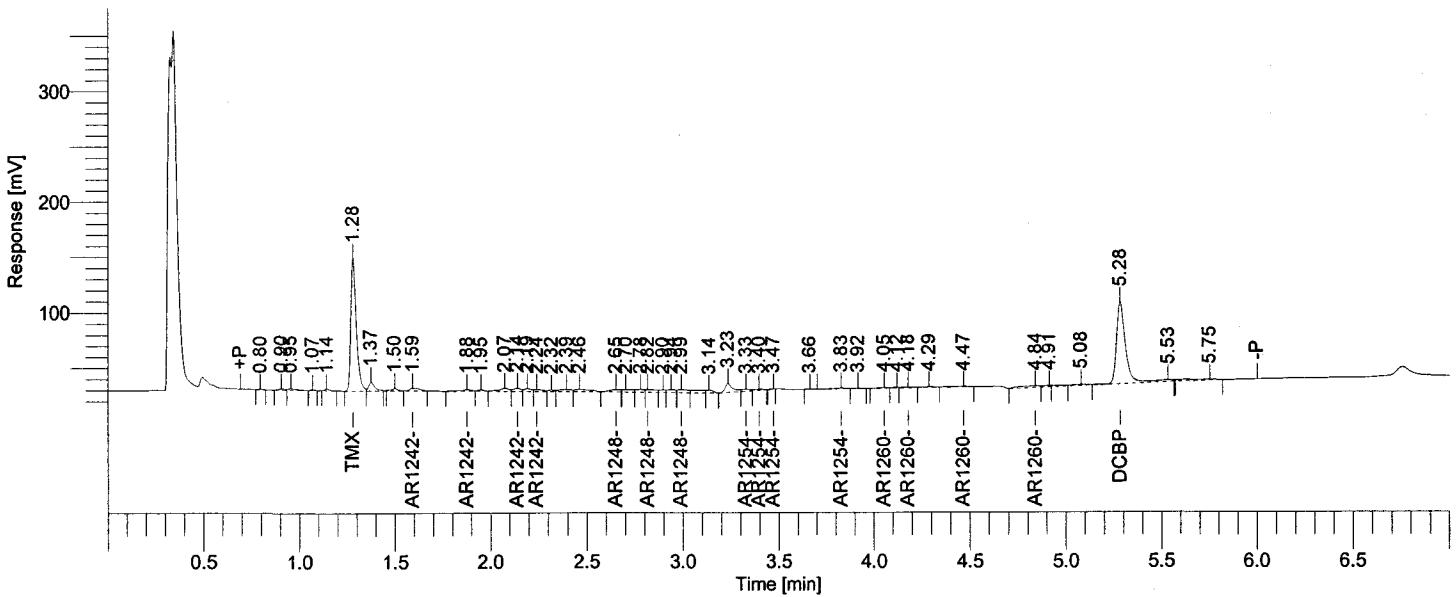
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 201369
Operator : tchrom
Sample Number : A8798803
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/08/2008 14:17:04

Date : 07/09/2008 07:31:06
Sample Name : AS80007796CU+
Study : STA00489
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 15
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B36030.raw <Modified>
Result File : H:\TURBO6\5890-12\12B36030.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36030.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36030.rst
Calib Method : h:\turbo6\5890-12\12b-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12B36030.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.28	BV	235951	TMX	0.01596	-----	0
	2.14		28095	AR1242	0.01030	0.00257	4
	2.99		29138	AR1248	0.00983	0.00246	4
	3.33		11603	AR1254	0.00263	6.56e-04	4
	4.84		19472	AR1260	0.00514	0.00128	4
42	5.28	VE	234548	DCBP	0.01864	-----	0
			558806			0.00697	

12/16/08
BPA

07/09/2008 07:31:06 Result: H:\TURBO6\5890-12\12B36030.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	1.59	VB	8538	AR1242-A	0.02520	0.00630	4
10	1.88	BV	5747	AR1242-B	0.00768	0.00192	4
13	2.14	VV	7975	AR1242-C	0.00696	0.00174	4
15	2.24	VV	5835	AR1242-D	0.01177	0.00294	4
						28095	0.01290

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.58		0	AR1248-A	0.00000	-----	-
19	2.65	BV	8574	AR1248-B	0.01320	0.00330	4
22	2.82	VV	9903	AR1248-C	0.01091	0.00273	4
25	2.99	VV	10660	AR1248-D	0.01582	0.00396	4
						29138	0.00998 6.01331

ALL 16 2.2
BA

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
28	3.33	VV	5901	AR1254-A	0.00410	0.00103	4
29	3.40	VB	3089	AR1254-B	0.00238	5.96e-04	4
30	3.47	BB	338	AR1254-C	5.79e-04	1.45e-04	4
32	3.83	VV	2275	AR1254-D	0.00207	5.16e-04	4
						11603	0.00228

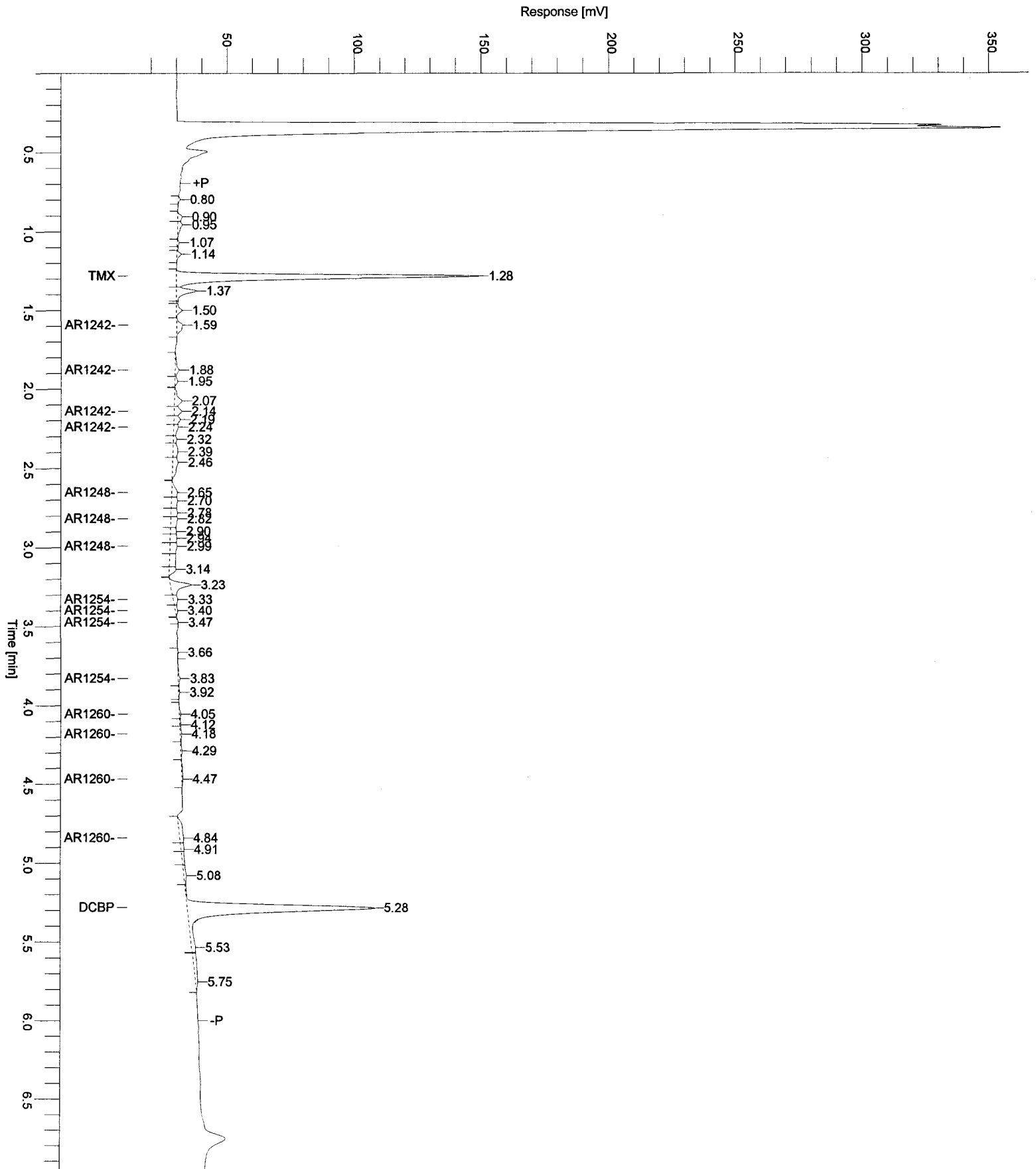
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
34	4.05	BV	1842	AR1260-A	0.00310	7.75e-04	4
36	4.18	VV	2661	AR1260-B	0.00180	4.49e-04	4
38	4.47	VB	3016	AR1260-C	0.00229	5.72e-04	4
39	4.84	BV	11952	AR1260-D	0.03034	0.00759	4
						19472	0.00938

Chromatogram

Sample Name : AS80007796CU+
FileName : H:\TURBO6\5890-12\12B36030.raw
Date : 07/09/2008 07:31:08
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: A8798803
Page 1 of 1
Time of Injection: 07/08/2008 14:17:04
End Time : 7.00 min
Plot Offset: 10.77 mV
Low Point : 10.77 mV
High Point : 354.71 mV
Plot Scale: 343.9 mV



LABELLA ASSOCIATES
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 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-018/4-6

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798804Sample wt/vol: 30.07 (g/mL) G Lab File ID: 12A36031.TX0% Moisture: 16 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	20	U
11104-28-2----	Aroclor 1221	20	U
11141-16-5----	Aroclor 1232	20	U
53469-21-9----	Aroclor 1242	6.8	BJ
12672-29-6----	Aroclor 1248	20	U
11097-69-1----	Aroclor 1254	20	U
11096-82-5----	Aroclor 1260	20	U

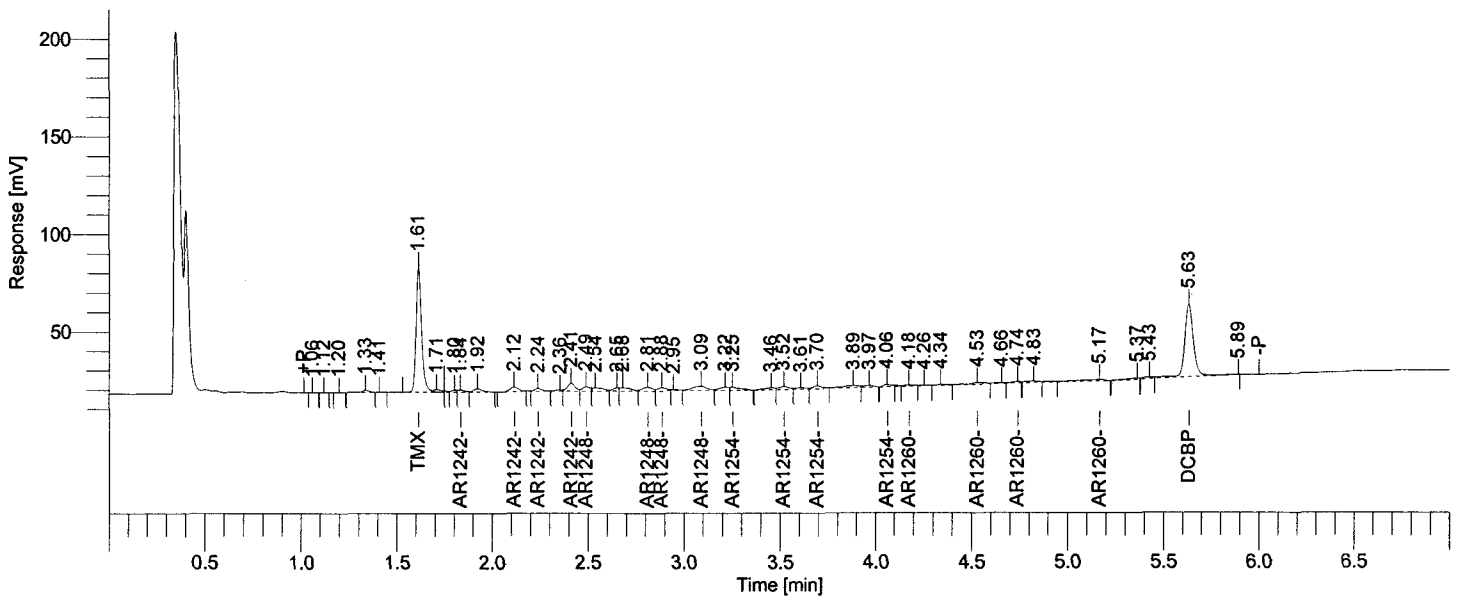
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 201370
Operator          : tchrom
Sample Number     : A8798804
AutoSampler       : NONE
Instrument Name    : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/08/2008 14:31:21

Date              : 07/09/2008 07:31:12
Sample Name      : AS80007797CU+
Study           : STA00489
Rack/Vial       : 0/0
Channel         : A
A/D mV Range    : 1000
End Time        : 7.00 min
Area Reject     : 1000.000000
Dilution Factor : 1.00
Cycle           : 16
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a36031.raw <Modified>
Result File   : H:\TURBO6\5890-12\12a36031.rst
Inst Method   : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36031.raw
Proc Method   : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36031.rst
Calib Method  : h:\turbo6\5890-12\12a-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12a36031.rst
Report Format  : h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.61	VE	127977	TMX	0.01545	-----	0
	2.41		25045	AR1242	0.01785	0.00446	4
	3.09		31302	AR1248	0.01736	0.00434	4
	3.52		20953	AR1254	0.00772	0.00193	4
	4.53		17991	AR1260	0.00912	0.00228	4
42	5.63	VE	119601	DCBP	0.01702	-----	0
			342869			0.01301	

Handwritten initials/signature

07/09/2008 07:31:12 Result: H:\TURBO6\5890-12\12a36031.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	1.84	VV	2811	AR1242-A	0.01348	0.00337	4
11	2.12	BV	7049	AR1242-B	0.01809	0.00452	4
12	2.24	VV	3822	AR1242-C	0.01790	0.00448	4
14	2.41	VV	11363	AR1242-D	0.01923	0.00481	4
						0.01717	
						25045	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	2.49	VV	6286	AR1248-A	0.04470	0.01117	4
19	2.81	VV	7238	AR1248-B	0.01795	0.00449	4
20	2.88	VV	5577	AR1248-C	0.01728	0.00432	4
22	3.09	VV	12201	AR1248-D	0.01303	0.00326	4
						0.02324	
						31302	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
24	3.25	VB	6421	AR1254-A	0.00785	0.00196	4
26	3.52	VV	5832	AR1254-B	0.00916	0.00229	4
28	3.70	VV	5187	AR1254-C	0.00818	0.00205	4
31	4.06	BV	3512	AR1254-D	0.00563	0.00141	4
						0.00770	
						20953	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
32	4.18	VV	2196	AR1260-A	0.00384	9.61e-04	4
35	4.53	VV	5917	AR1260-B	0.00709	0.00177	4
37	4.74	VV	2353	AR1260-C	0.00660	0.00165	4
39	5.17	VB	7525	AR1260-D	0.03581	0.00895	4
						0.01334	
						17991	

JUL 16 2008

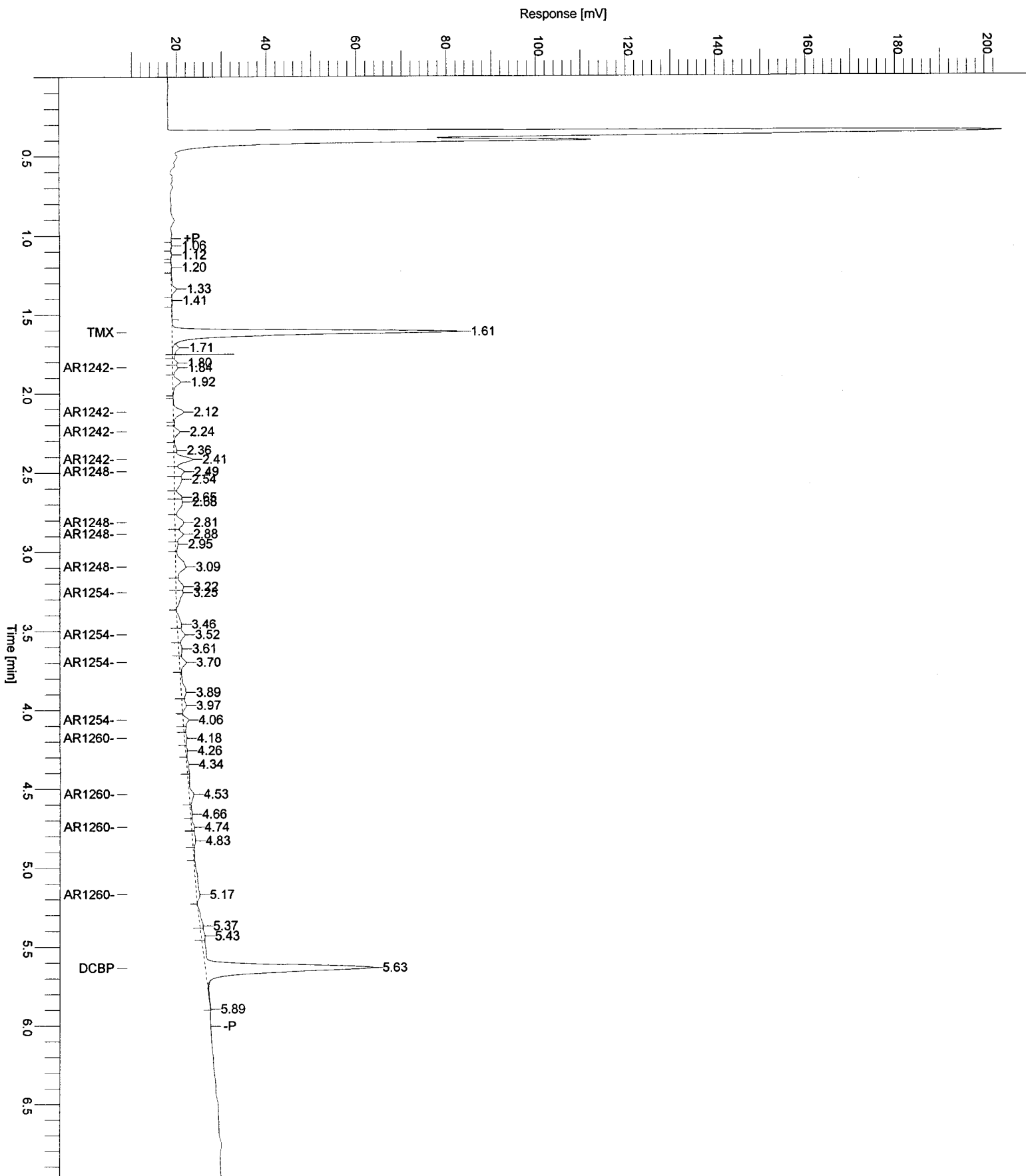
BA

Chromatogram

2338/4151

Sample Name : AS80007797CU+
FileName : H:\TURBO6\5890-12\12a36031.raw
Date : 07/09/2008 07:31:14
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: A8798804
Page 1 of 1
Time of Injection: 07/08/2008 14:31:21
End Time : 7.00 min
Low Point : 8.69 mV
High Point : 203.86 mV
Plot Offset: 8.69 mV
Plot Scale: 195.2 mV



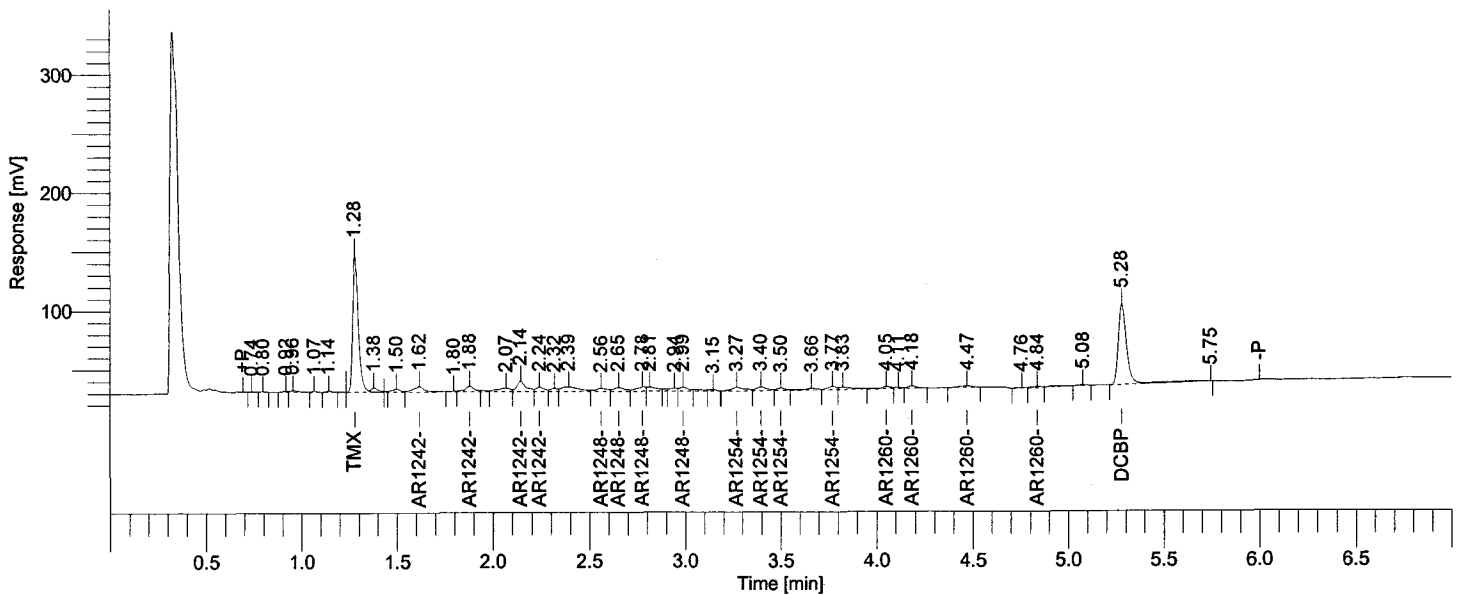
```

Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 201371
Operator : tchrom
Sample Number : A8798804
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/08/2008 14:31:21

Date : 07/09/2008 07:31:18
Sample Name : AS80007797CU+
Study : STA00489
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 7.00 min
Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 16
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B36031.raw <Modified>
Result File : H:\TURBO6\5890-12\12B36031.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36031.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36031.rst
Calib Method : h:\turbo6\5890-12\12b-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12B36031.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	1.28	VE	232361	TMX	0.01572	-----	0
	2.14		75758	AR1242	0.02776	0.00694	4
	2.78		50211	AR1248	0.01695	0.00424	4
	3.40		44949	AR1254	0.01017	0.00254	4
	4.18		21266	AR1260	0.00561	0.00140	4
38	5.28	BE	201274	DCBP	0.01600	-----	0
			625819			0.01512	

Handwritten signature or initials.

07/09/2008 07:31:18 Result: H:\TURBO6\5890-12\12B36031.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	1.62	VV	21452	AR1242-A	0.06332	0.01583	4
12	1.88	VV	15289	AR1242-B	0.02043	0.00511	4
14	2.14	VV	28034	AR1242-C	0.02447	0.00612	4
15	2.24	VV	10982	AR1242-D	0.02215	0.00554	4
						75758	0.03259

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	2.56	VV	11096	AR1248-A	0.01516	0.00379	4
19	2.65	VV	13982	AR1248-B	0.02153	0.00538	4
20	2.78	VV	14079	AR1248-C	0.01551	0.00388	4
23	2.99	VV	11054	AR1248-D	0.01640	0.00410	4
						50211	0.01715

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
25	3.27	BV	16037	AR1254-A	0.01115	0.00279	4
26	3.40	VV	12910	AR1254-B	0.00997	0.00249	4
27	3.50	VV	6475	AR1254-C	0.01108	0.00277	4
29	3.77	VV	9526	AR1254-D	0.00865	0.00216	4
						44949	0.01021

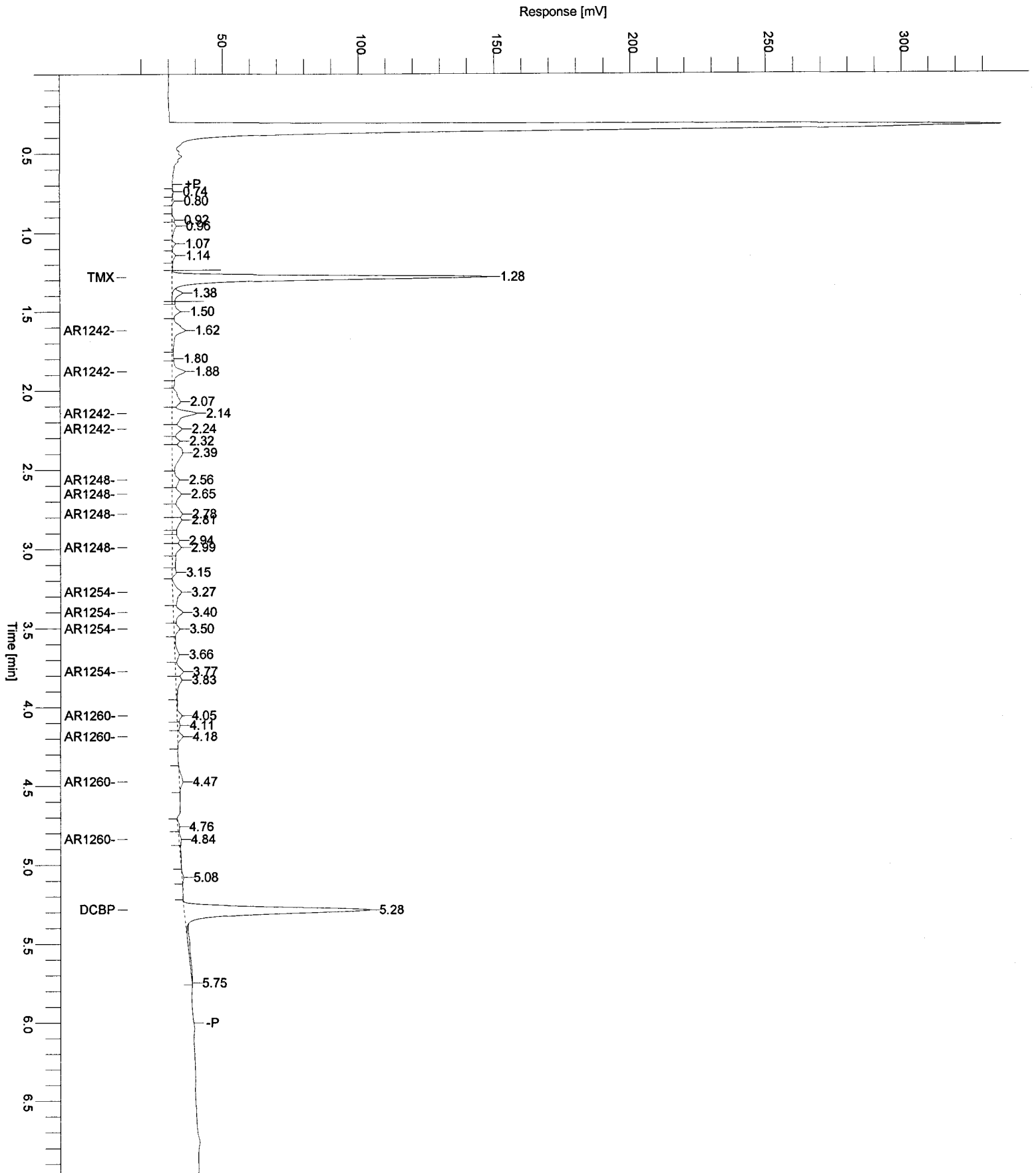
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
31	4.05	VV	5956	AR1260-A	0.01002	0.00251	4
33	4.18	VB	5590	AR1260-B	0.00377	9.43e-04	4
34	4.47	BB	6383	AR1260-C	0.00484	0.00121	4
36	4.84	VV	3336	AR1260-D	0.00847	0.00212	4
						21266	0.00678

BA

Chromatogram

Sample Name : AS80007797CU+ Sample #: A8798804 Page 1 of 1
FileName : H:\TURBO6\5890-12\12B36031.raw
Date : 07/09/2008 07:31:20
Method : 12DINS Time of Injection: 07/08/2008 14:31:21
Start Time : 0.00 min End Time : 7.00 min Low Point : 14.47 mV High Point : 336.76 mV
Scale Factor: 1.0 Plot Offset: 14.47 mV Plot Scale: 322.3 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-036/7.5-8 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8759501Sample wt/vol: 30.15 (g/mL) G Lab File ID: 7B63134.TX0% Moisture: 23 decanted: (Y/N) N Date Samp/Recv: 06/23/2008 06/26/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	21	U
11104-28-2----	Aroclor 1221	21	U
11141-16-5----	Aroclor 1232	21	U
53469-21-9----	Aroclor 1242	21	U
12672-29-6----	Aroclor 1248	21	U
11097-69-1----	Aroclor 1254	21	U
11096-82-5----	Aroclor 1260	21	U

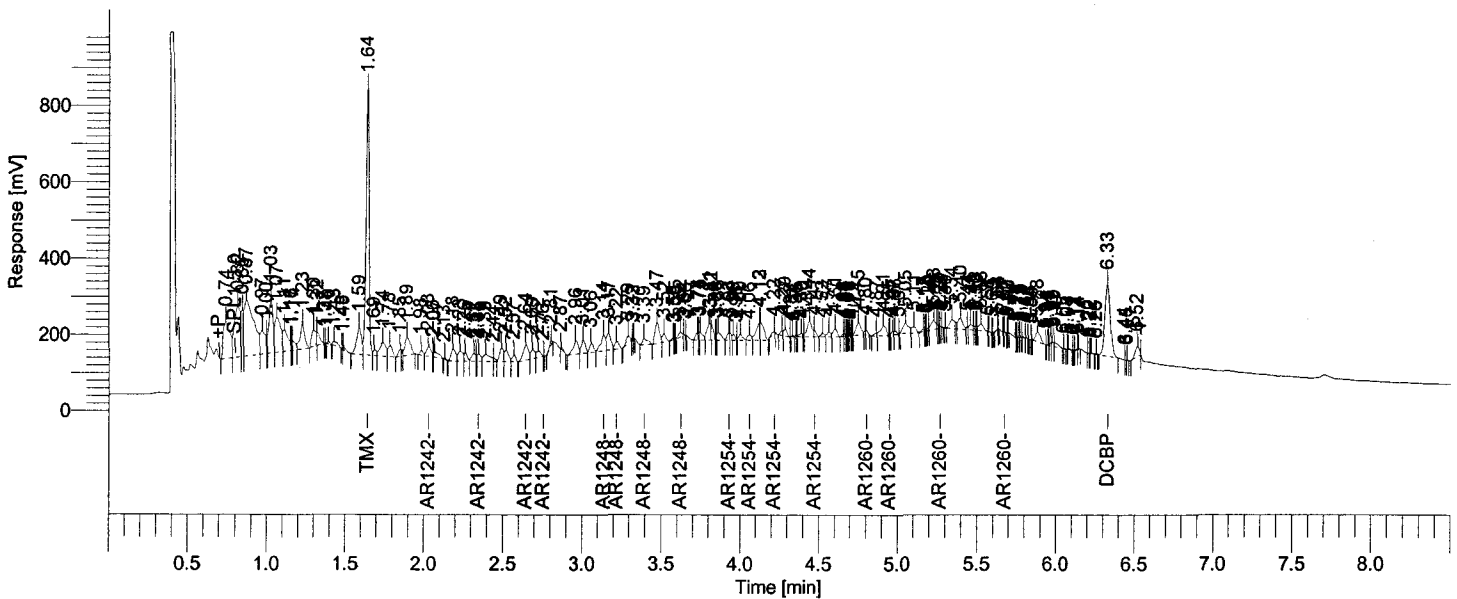
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200777
Operator          : tchrom
Sample Number     : A8759501
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-07
Instrument Serial # : CN10448015
Delay Time        : 0.00 min
Sampling Rate     : 20.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/03/2008 16:37:16

Date              : 07/04/2008 10:40:28
Sample Name      : AS80007429CU+
Study            : STA00489
Rack/Vial        : 1/34
Channel          : B
A/D mV Range     : 1000
End Time         : 12.94 min
Area Reject      : 5000.000000
Dilution Factor  : 1.00
Cycle            : 21
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b63134.raw <Modified>
Result File   : H:\TURBO6\6890-07\7b63134.rst
Inst Method   : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63134.raw
Proc Method   : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63134.rst
Calib Method  : h:\turbo6\6890-07\07b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63134.rst
Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
24	1.64	VV	921805	TMX	0.01557	-----	0
	2.64		177316	AR1242	0.02412	0.00603	4
	3.14		189604	AR1248	0.02384	0.00596	4
	3.93		69747	AR1254	0.00628	0.00157	4
	4.80		16053	AR1260	0.00150	3.76e-04	4
179	6.33	VB	467881	DCBP	0.01358	-----	0
			1842406			0.01394	

Handwritten signature
07/04/08

07/04/2008 10:40:28 Result: H:\TURBO6\6890-07\7b63134.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
31	2.03	VV	52265	AR1242-A	0.06559	0.01640	4
40	2.35	VV	32964	AR1242-B	0.01930	0.00483	4
46	2.64	BV	91947	AR1242-C	0.02595	0.00649	4
49	2.76	VB	140	AR1242-D	1.07e-04	2.68e-05	4
			177316			0.02774	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
55	3.14	VV	92174	AR1248-A	0.05087	0.01272	4
57	3.22	VB	37718	AR1248-B	0.02045	0.00511	4
61	3.39	BB	37996	AR1248-C	0.01707	0.00427	4
67	3.62	VV	21716	AR1248-D	0.01050	0.00262	4
			189604			0.02472	

Group Report For : AR1254

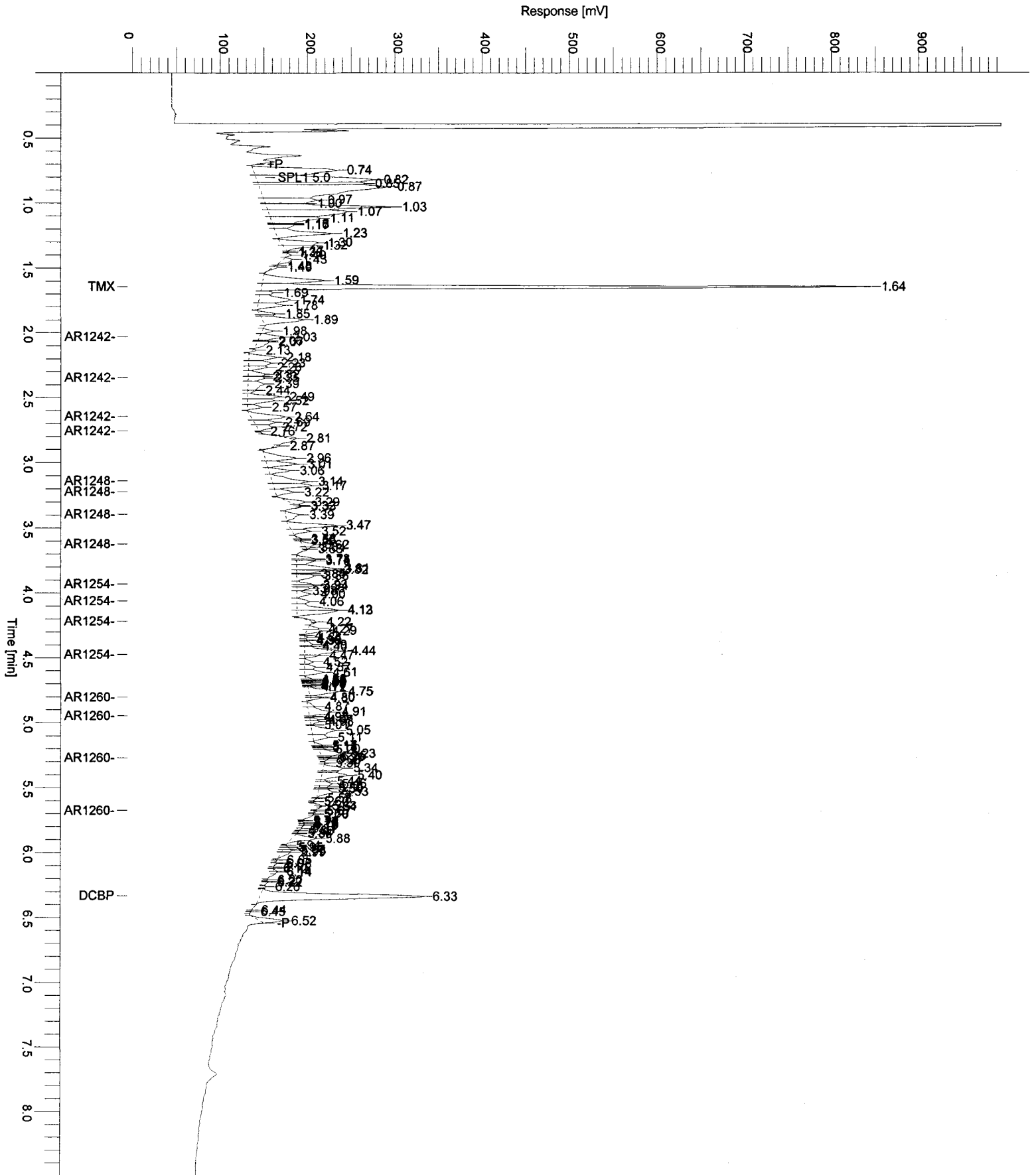
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
78	3.93	VV	19310	AR1254-A	0.00542	0.00136	4
83	4.06	VV	25832	AR1254-B	0.00731	0.00183	4
86	4.22	BB	7759	AR1254-C	0.00691	0.00173	4
96	4.47	VV	16846	AR1254-D	0.00582	0.00146	4
			69747			0.00636	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
112	4.80	VB	9236	AR1260-A	0.00446	0.00112	4
115	4.95	VV	1885	AR1260-B	3.98e-04	9.94e-05	4
130	5.27	VV	3157	AR1260-C	0.00108	2.70e-04	4
148	5.67	VB	1775	AR1260-D	0.00186	4.66e-04	4
			16053			0.00195	

Sample Name : AS80007429CU+
FileName : H:\TURBO6\6890-07\7b63134.raw
Date : 07/04/2008 10:40:30
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -5.77 mV

Sample # : A8759501
Page 1 of 1
Time of Injection : 07/03/2008 16:37:16
End Time : 8.50 min
Low Point : -5.77 mV
High Point : 994.23 mV
Plot Scale : 1000.0 mV



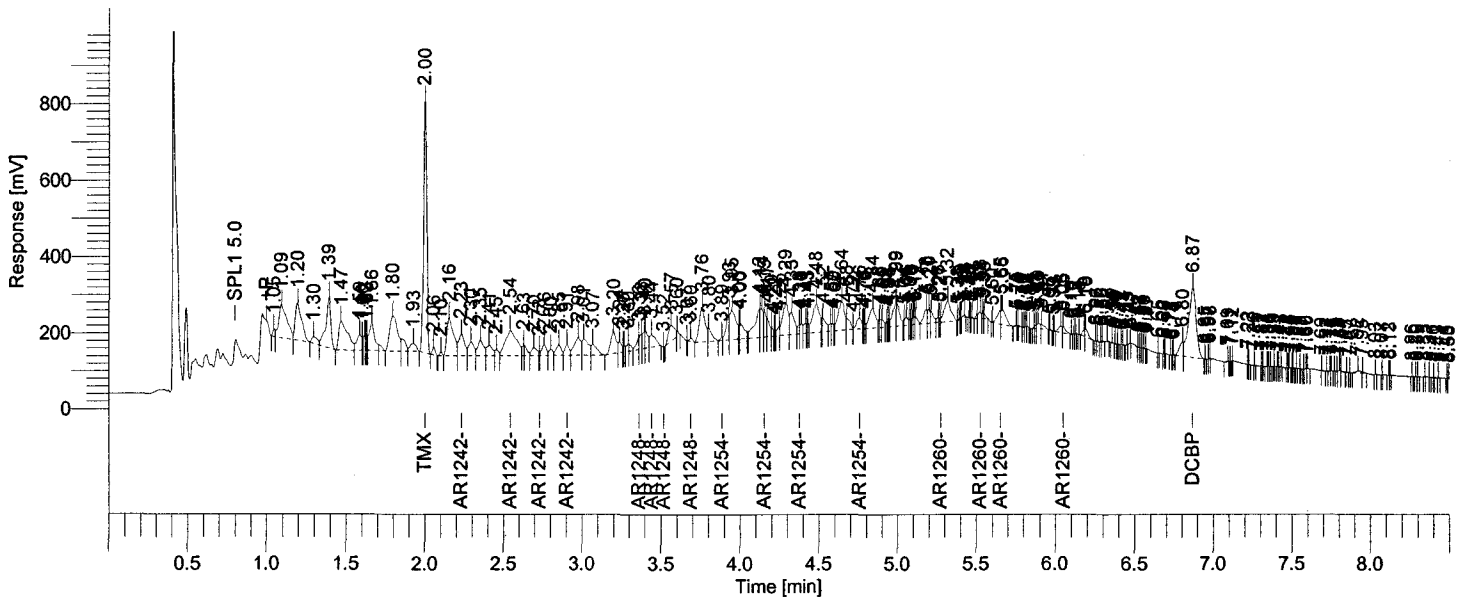
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Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200776
Operator          : tchrom
Sample Number     : A8759501
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-07
Instrument Serial # : CN10448015
Delay Time       : 0.00 min
Sampling Rate    : 20.0000 pts/s
Sample Volume    : 1.000000 uL
Sample Amount    : 1.0000
Data Acquisition Time : 07/03/2008 16:37:16

Date              : 07/04/2008 10:40:17
Sample Name      : AS80007429CU+
Study           : STA00489
Rack/Vial       : 1/34
Channel         : A
A/D mV Range    : 1000
End Time        : 12.94 min
Area Reject     : 5000.000000
Dilution Factor : 1.00
Cycle           : 21
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a63134.raw <Modified>
Result File   : H:\TURBO6\6890-07\7a63134.rst
Inst Method  : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63134.raw
Proc Method  : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63134.rst
Calib Method : h:\turbo6\6890-07\07a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63134.rst
Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	2.00	BB	953640	TMX	0.01807	-----	0
	2.54		544596	AR1242	0.08963	0.02241	4
	3.44		136173	AR1248	0.02250	0.00563	4
	4.15		167334	AR1254	0.01630	0.00407	4
	5.65		110803	AR1260	0.01412	0.00353	4
167	6.87	VB	628031	DCBP	0.01739	-----	0
			2540576			0.03564	

07/04/2008 10:40:17 Result: H:\TURBO6\6890-07\7a63134.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	2.23	VV	148652	AR1242-A	0.21039	0.05260	4
24	2.54	VV	338545	AR1242-B	0.22665	0.05666	4
27	2.73	VV	4249	AR1242-C	0.00474	0.00118	4
31	2.91	VV	53150	AR1242-D	0.01784	0.00446	4
			544596			0.11490	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
40	3.36	VV	38571	AR1248-A	0.02025	0.00506	4
44	3.44	VB	84939	AR1248-B	0.05640	0.01410	4
45	3.52	BB	57	AR1248-C	1.55e-04	3.86e-05	4
49	3.69	VB	12605	AR1248-D	0.00555	0.00139	4
			136173			0.02059	

Group Report For : AR1254

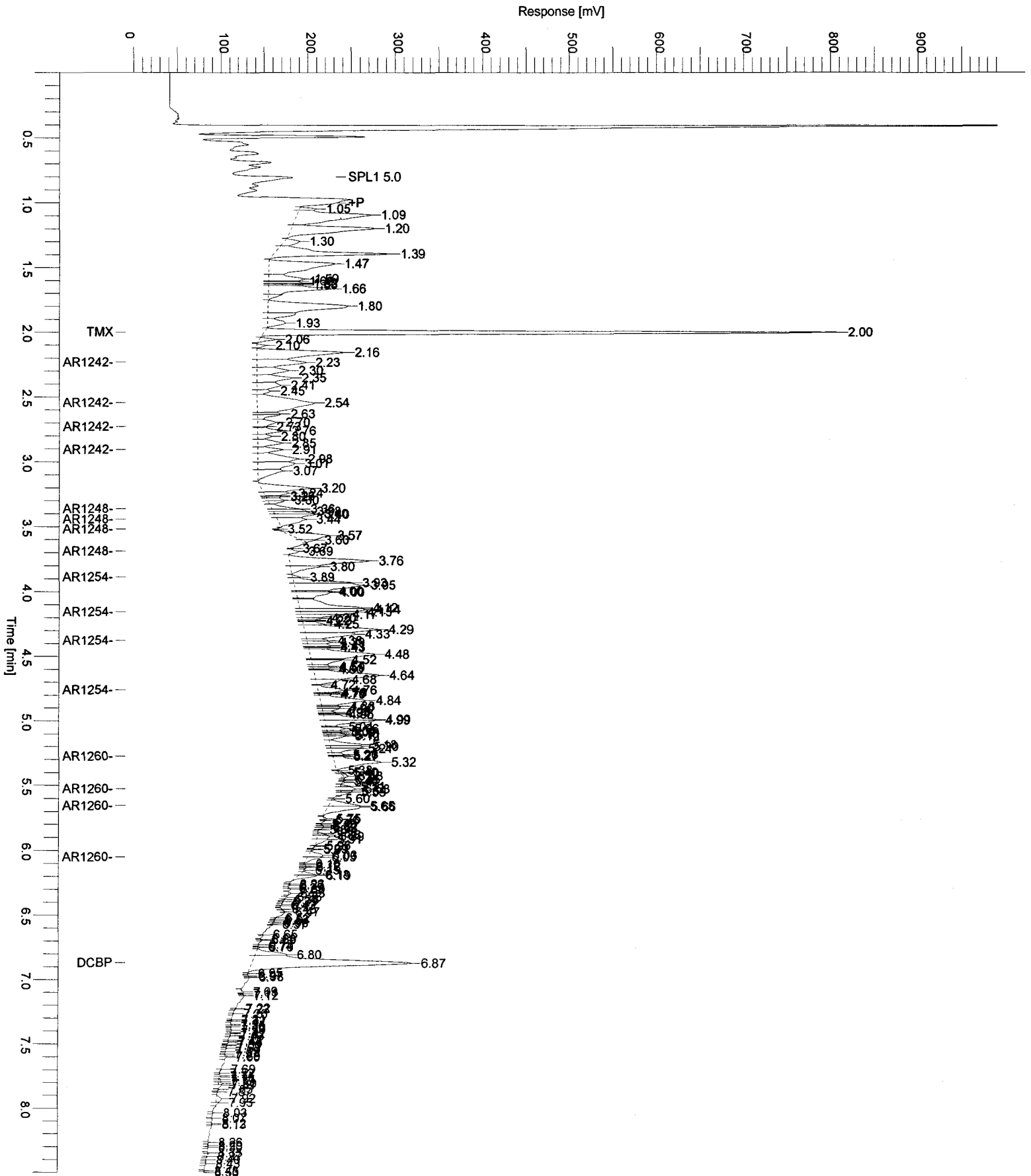
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
52	3.89	BV	7513	AR1254-A	0.00323	8.09e-04	4
59	4.15	VV	74823	AR1254-B	0.02720	0.00680	4
67	4.38	VV	22921	AR1254-C	0.00829	0.00207	4
80	4.76	VV	62077	AR1254-D	0.02555	0.00639	4
			167334			0.01607	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
104	5.27	VV	6762	AR1260-A	0.00168	4.20e-04	4
114	5.53	VV	23579	AR1260-B	0.01140	0.00285	4
118	5.65	VV	57158	AR1260-C	0.06100	0.01525	4
136	6.05	VB	23304	AR1260-D	0.02847	0.00712	4
			110803			0.02564	

Sample Name : AS80007429CU+
FileName : H:\TURBO6\6890-07\7a63134.raw
Date : 07/04/2008 10:40:19
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -8.91 mV

Sample # : A8759501
Page 1 of 1
Time of Injection : 07/03/2008 16:37:16
End Time : 8.50 min
Low Point : -8.91 mV
High Point : 991.09 mV
Plot Scale : 1000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-050/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8769101Sample wt/vol: 30.58 (g/mL) G Lab File ID: 7B63106.TX0% Moisture: 18 decanted: (Y/N) N Date Samp/Recv: 06/25/2008 06/27/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
---------	----------	------------------------------	----------

12674-11-2----	Aroclor 1016	20	U
11104-28-2----	Aroclor 1221	20	U
11141-16-5----	Aroclor 1232	20	U
53469-21-9----	Aroclor 1242	20	U
12672-29-6----	Aroclor 1248	20	U
11097-69-1----	Aroclor 1254	20	U
11096-82-5----	Aroclor 1260	20	U

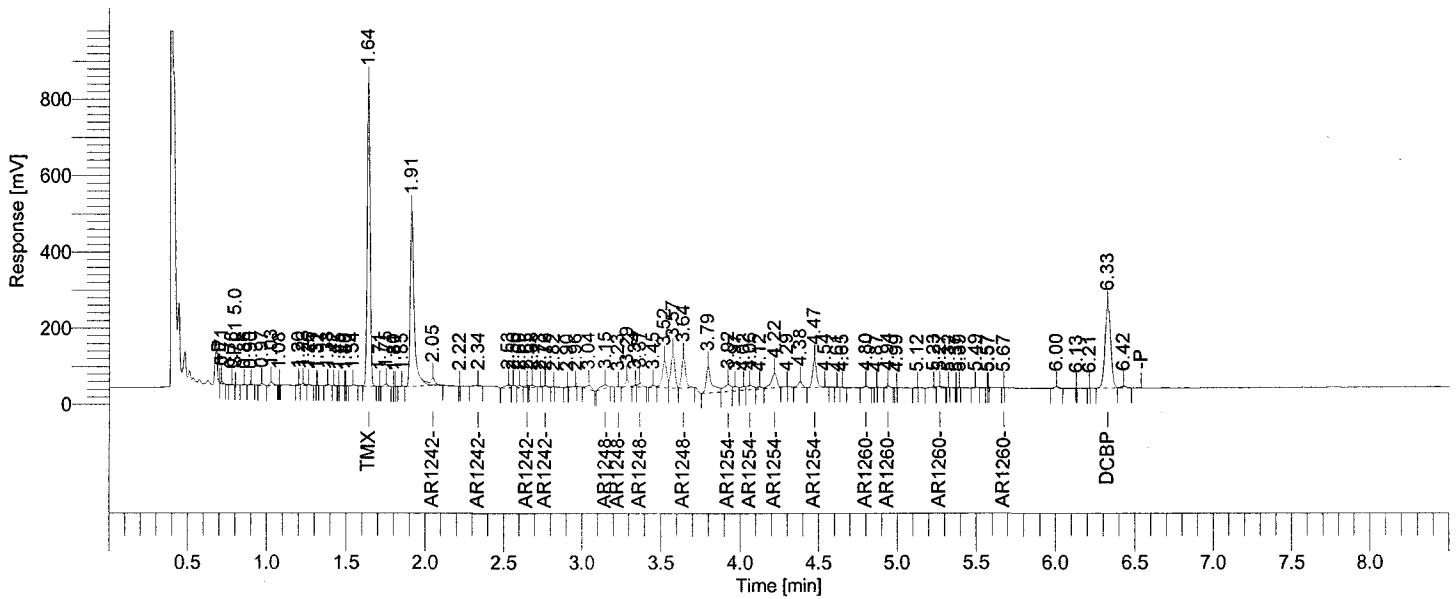
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Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200401
Operator          : tchrom
Sample Number     : A8769101
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-07
Instrument Serial # : CN10448015
Delay Time       : 0.00 min
Sampling Rate    : 20.0000 pts/s
Sample Volume    : 1.000000 uL
Sample Amount    : 1.0000
Data Acquisition Time : 07/02/2008 12:43:19

Date              : 07/02/2008 14:08:49
Sample Name      : AS80007652CU+
Study            : STA00489
Rack/Vial       : 1/6
Channel         : B
A/D mV Range    : 1000
End Time        : 12.94 min
Area Reject     : 5000.000000
Dilution Factor : 1.00
Cycle           : 4
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b63106.raw <Modified>
Result File   : H:\TURBO6\6890-07\7b63106.rst
Inst Method  : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63106.raw
Proc Method  : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63106.rst
Calib Method : h:\turbo6\6890-07\07b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63106.rst
Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	1.64	BB	1008401	TMX	0.01703	-----	0
	2.05		59381	AR1242	0.00808	0.00202	4
	3.64		189914	AR1248	0.02388	0.00597	4
	4.47		315515	AR1254	0.02839	0.00710	4
	4.94		22548	AR1260	0.00211	5.28e-04	4
79	6.33	BV	548837	DCBP	0.01593	-----	0
			2144596			0.01562	

BW 7/16/08

07/02/2008 14:08:49 Result: H:\TURBO6\6890-07\7b63106.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
26	2.05	EB	42923	AR1242-A	0.05387	0.01347	4
28	2.34	BB	3691	AR1242-B	0.00216	5.40e-04	4
32	2.65	VV	6170	AR1242-C	0.00174	4.35e-04	4
35	2.76	VB	6597	AR1242-D	0.00506	0.00127	4
			59381			0.01571	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
40	3.15	BB	29928	AR1248-A	0.01652	0.00413	4
41	3.23	BV	1625	AR1248-B	8.81e-04	2.20e-04	4
44	3.37	VB	19000	AR1248-C	0.00854	0.00213	4
48	3.64	BB	139360	AR1248-D	0.06736	0.01684	4
			189914			0.02332	

Group Report For : AR1254

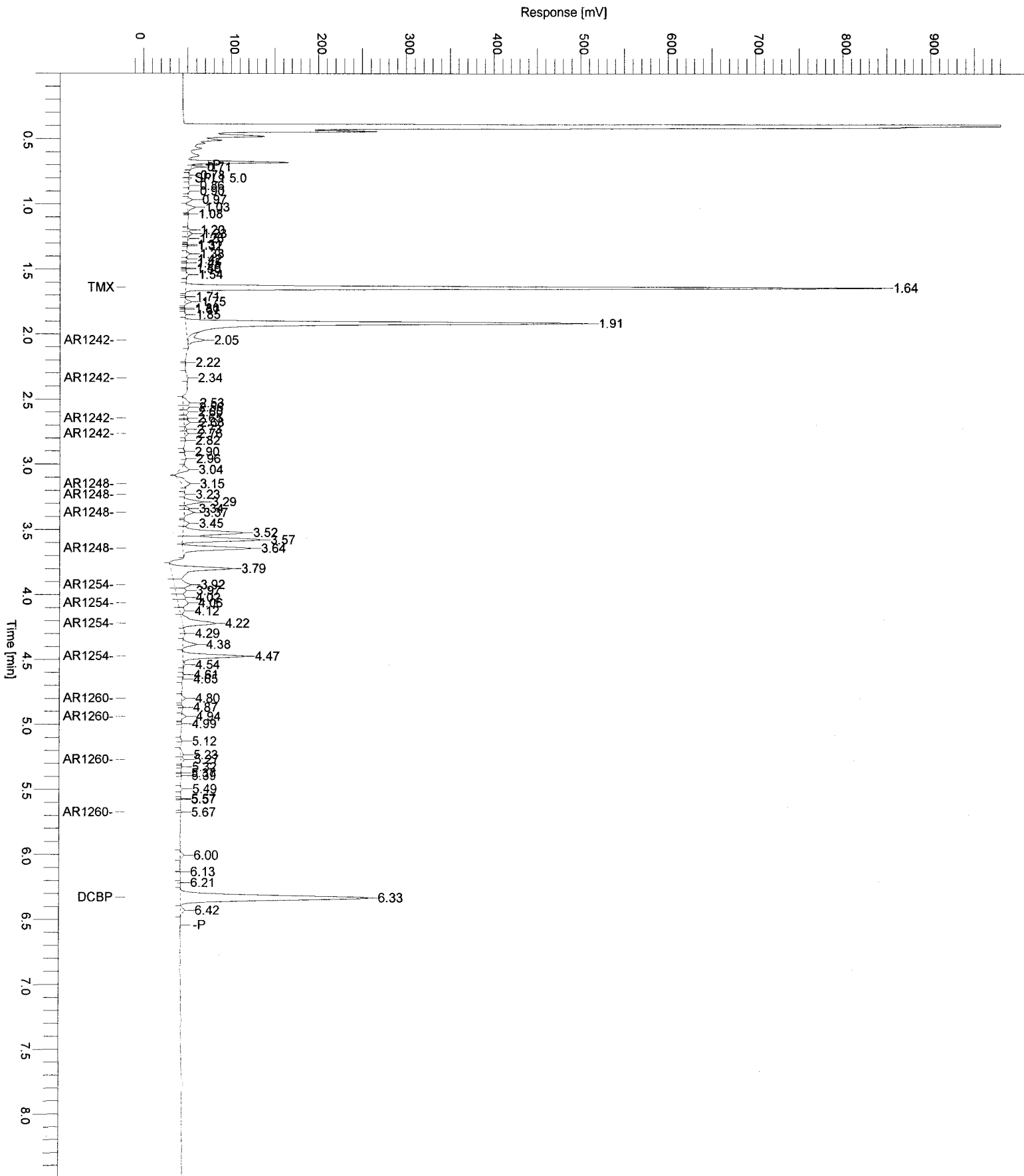
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
50	3.92	VV	58058	AR1254-A	0.01630	0.00408	4
53	4.06	VV	33626	AR1254-B	0.00951	0.00238	4
55	4.22	VV	93621	AR1254-C	0.08339	0.02085	4
58	4.47	BE	130210	AR1254-D	0.04499	0.01125	4
			315515			0.03855	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
62	4.80	BB	7438	AR1260-A	0.00359	8.98e-04	4
64	4.94	BB	7689	AR1260-B	0.00162	4.06e-04	4
68	5.27	VB	7302	AR1260-C	0.00250	6.25e-04	4
75	5.67	BB	119	AR1260-D	1.25e-04	3.12e-05	4
			22548			0.00196	

Sample Name : AS80007652CU+
FileName : H:\TURBO6\6890-07\7b63106.raw
Date : 07/02/2008 14:08:51
Method : 6890-7pcbins
Plot Offset: -19.69 mV

Sample #: A8769101 Page 1 of 1
Time of Injection: 07/02/2008 12:43:19
Start Time : 0.00 min End Time : 8.50 min
Low Point : -19.69 mV High Point : 980.31 mV
Plot Scale: 1000.0 mV



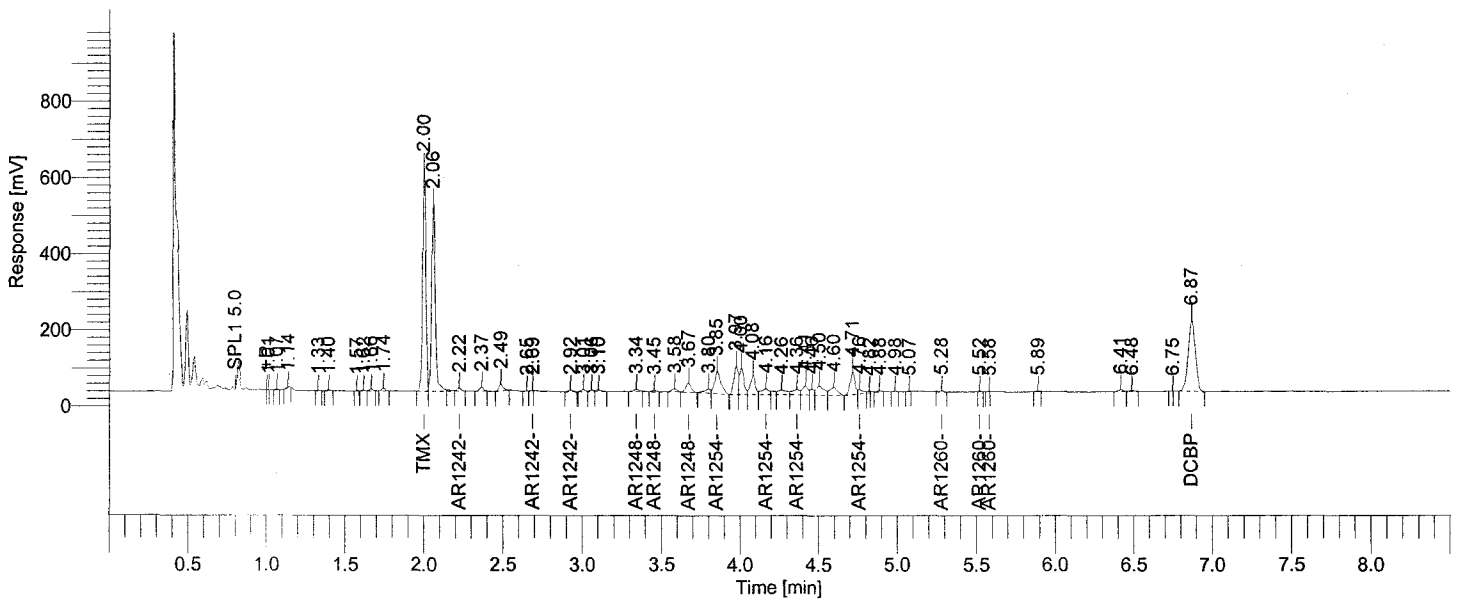

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Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200400
Operator          : tchrom
Sample Number     : A8769101
AutoSampler      : BUILT-IN
Instrument Name    : HP6890-07
Instrument Serial # : CN10448015
Delay Time        : 0.00 min
Sampling Rate     : 20.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/02/2008 12:43:19

Date              : 07/02/2008 14:08:45
Sample Name      : AS80007652CU+
Study            : STA00489
Rack/Vial        : 1/6
Channel          : A
A/D mV Range     : 1000
End Time         : 12.94 min
Area Reject      : 5000.000000
Dilution Factor  : 1.00
Cycle            : 4
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a63106.raw <Modified>
Result File : H:\TURBO6\6890-07\7a63106.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63106.raw
Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63106.rst
Calib Method : h:\turbo6\6890-07\7a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63106.rst
Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.00	BV	860700	TMX	0.01631	-----	0
	2.22		21974	AR1242	0.00362	9.04e-04	4
	3.67		82920	AR1248	0.01370	0.00343	4
	3.85		293769	AR1254	0.02861	0.00715	4
	5.28		7436	AR1260	9.47e-04	2.37e-04	4
50	6.87	BB	602450	DCBP	0.01668	-----	0
			1869249			0.01172	

07/02/2008 14:08:45 Result: H:\TURBO6\6890-07\7a63106.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	2.22	VB	13047	AR1242-A	0.01847	0.00462	4
-	2.57		0	AR1242-B	0.00000	-----	-
16	2.69	BB	413	AR1242-C	4.60e-04	1.15e-04	4
17	2.92	BB	8514	AR1242-D	0.00286	7.15e-04	4
						21974	0.00545

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
21	3.34	BV	16633	AR1248-A	0.00873	0.00218	4
22	3.45	VV	7916	AR1248-B	0.00526	0.00131	4
-	3.52		0	AR1248-C	0.00000	-----	-
24	3.67	VB	58372	AR1248-D	0.02569	0.00642	4
						82920	0.00992

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
26	3.85	VB	168780	AR1254-A	0.07265	0.01816	4
30	4.16	VV	53729	AR1254-B	0.01953	0.00488	4
32	4.36	VV	45792	AR1254-C	0.01656	0.00414	4
38	4.76	VV	25467	AR1254-D	0.01048	0.00262	4
						293769	0.02981

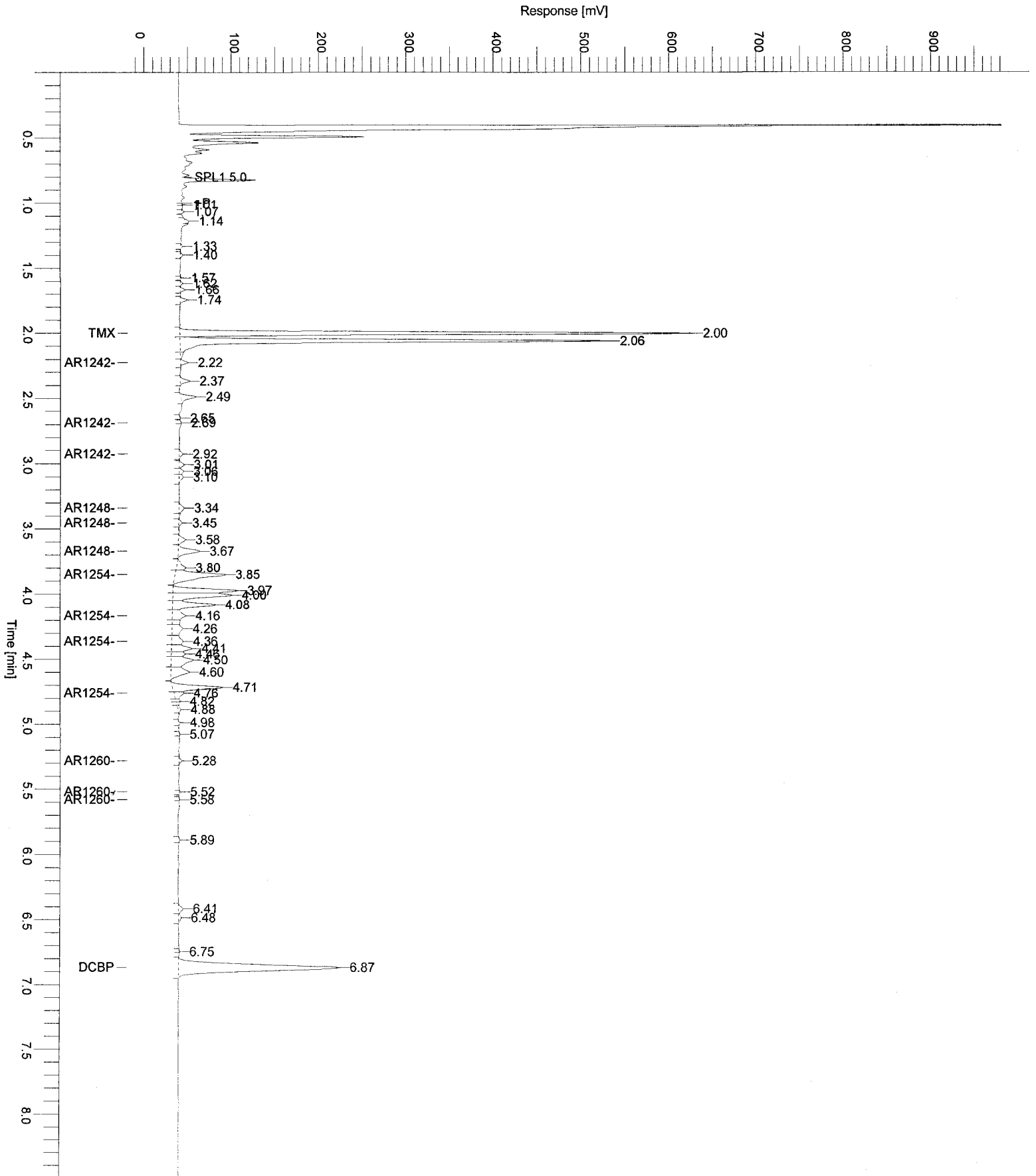
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
43	5.28	BB	5954	AR1260-A	0.00148	3.70e-04	4
44	5.52	BB	1086	AR1260-B	5.25e-04	1.31e-04	4
45	5.58	BB	396	AR1260-C	4.23e-04	1.06e-04	4
-	6.08		0	AR1260-D	0.00000	-----	-
						7436	6.07e-04

AW 7/15/08
AW 7/16/08

Sample Name : AS80007652CU+
FileName : H:\TURBO6\6890-07\7a63106.raw
Date : 07/02/2008 14:08:47
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -18.85 mV

Sample # : A8769101
Page 1 of 1
Time of Injection : 07/02/2008 12:43:19
End Time : 8.50 min
Low Point : -18.85 mV
High Point : 981.15 mV
Plot Scale : 1000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-050/6-8

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8769102

Sample wt/vol: 30.80 (g/mL) G Lab File ID: 7B63107.TX0

% Moisture: 34 decanted: (Y/N) N Date Samp/Recv: 06/25/2008 06/27/2008

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
12674-11-2----	Aroclor 1016	25	U
11104-28-2----	Aroclor 1221	25	U
11141-16-5----	Aroclor 1232	25	U
53469-21-9----	Aroclor 1242	25	U
12672-29-6----	Aroclor 1248	25	U
11097-69-1----	Aroclor 1254	25	U
11096-82-5----	Aroclor 1260	25	U

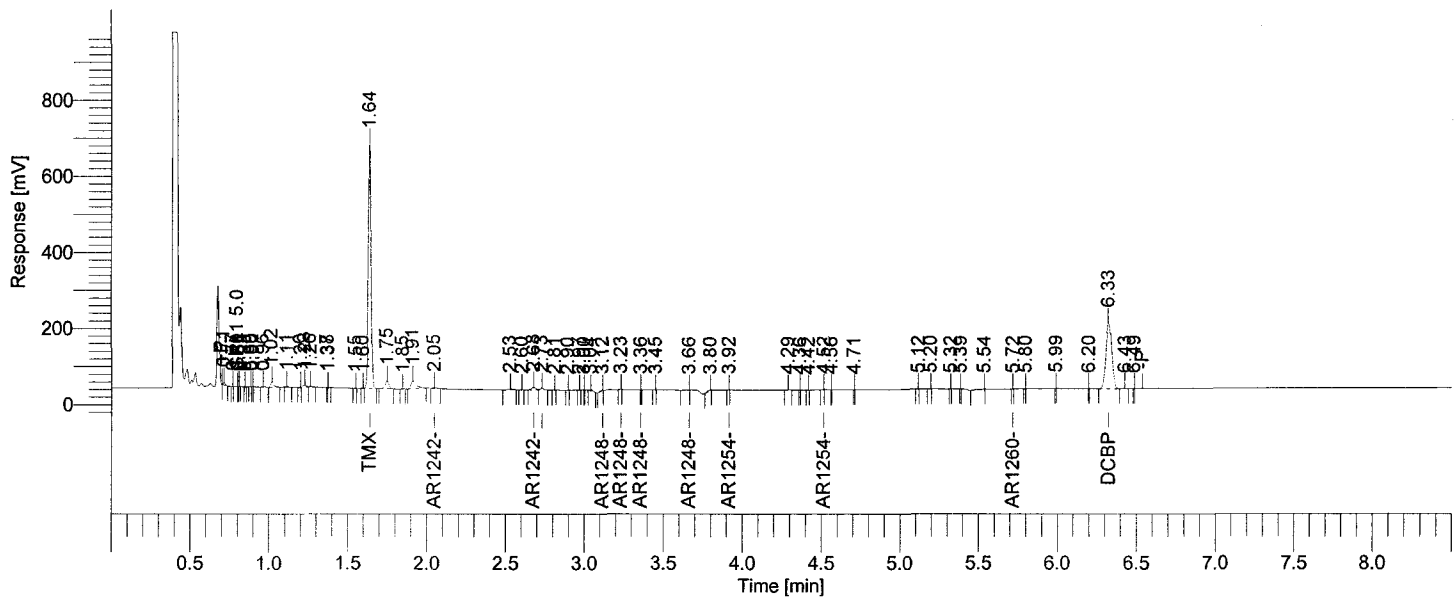
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Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200403
Operator          : tchrom
Sample Number     : A8769102
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-07
Instrument Serial # : CN10448015
Delay Time        : 0.00 min
Sampling Rate     : 20.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/02/2008 13:01:34

Date              : 07/02/2008 14:08:57
Sample Name       : AS80007653CU+
Study             : STA00489
Rack/Vial         : 1/7
Channel           : B
A/D mV Range     : 1000
End Time         : 12.93 min
Area Reject      : 5000.000000
Dilution Factor  : 1.00
Cycle            : 5
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b63107.raw <Modified>
Result File : H:\TURBO6\6890-07\7b63107.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63107.raw
Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63107.rst
Calib Method : h:\turbo6\6890-07\07b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63107.rst
Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.64	VB	806850	TMX	0.01363	-----	0
	2.68		21680	AR1242	0.00295	7.37e-04	4
54	6.33	BB	440821	DCBP	0.01279	-----	0
			1269352			7.37e-04	

Handwritten signature: 7/10/08

07/02/2008 14:08:57 Result: H:\TURBO6\6890-07\7b63107.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
22	2.05	BB	3136	AR1242-A	0.00394	9.84e-04	4
-	2.34		0	AR1242-B	0.00000	-----	-
25	2.68	BV	12120	AR1242-C	0.00342	8.55e-04	4
26	2.73	VB	6424	AR1242-D	0.00493	0.00123	4
			21680			0.00307	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
32	3.12	BB	2480	AR1248-A	0.00137	3.42e-04	4
33	3.23	BB	177	AR1248-B	9.60e-05	2.40e-05	4
34	3.36	BB	30	AR1248-C	1.37e-05	3.42e-06	4
36	3.66	BB	742	AR1248-D	3.59e-04	8.96e-05	4
			3429			4.59e-04	

Group Report For : AR1254

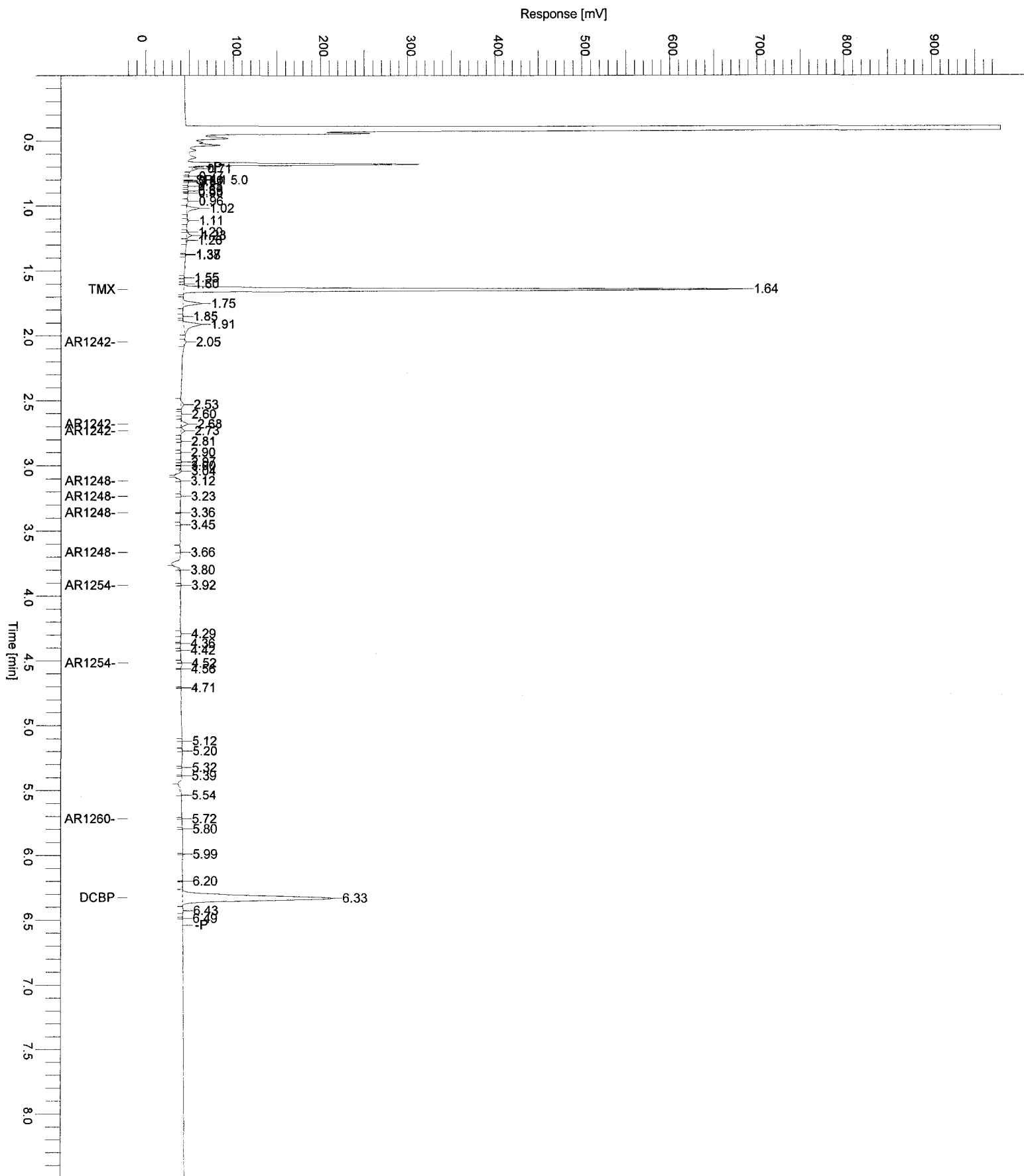
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
38	3.92	BB	96	AR1254-A	2.69e-05	6.73e-06	4
-	4.06		0	AR1254-B	0.00000	-----	-
-	4.18		0	AR1254-C	0.00000	-----	-
42	4.52	BB	143	AR1254-D	4.94e-05	1.23e-05	4
			239			1.91e-05	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.80		0	AR1260-A	0.00000	-----	-
-	4.94		0	AR1260-B	0.00000	-----	-
-	5.27		0	AR1260-C	0.00000	-----	-
50	5.72	BB	61	AR1260-D	6.40e-05	1.60e-05	4
			61			1.60e-05	

Sample Name : AS80007653CU+
FileName : H:\TURBO6\6890-07\7b63107.raw
Date : 07/02/2008 14:08:59
Method : 6890-7pcbins

Sample # : A8769102
Page 1 of 1
Time of Injection: 07/02/2008 13:01:34
Start Time : 0.00 min
End Time : 8.50 min
Low Point : -20.79 mV
High Point : 979.21 mV
Plot Offset: -20.79 mV
Plot Scale: 1000.0 mV



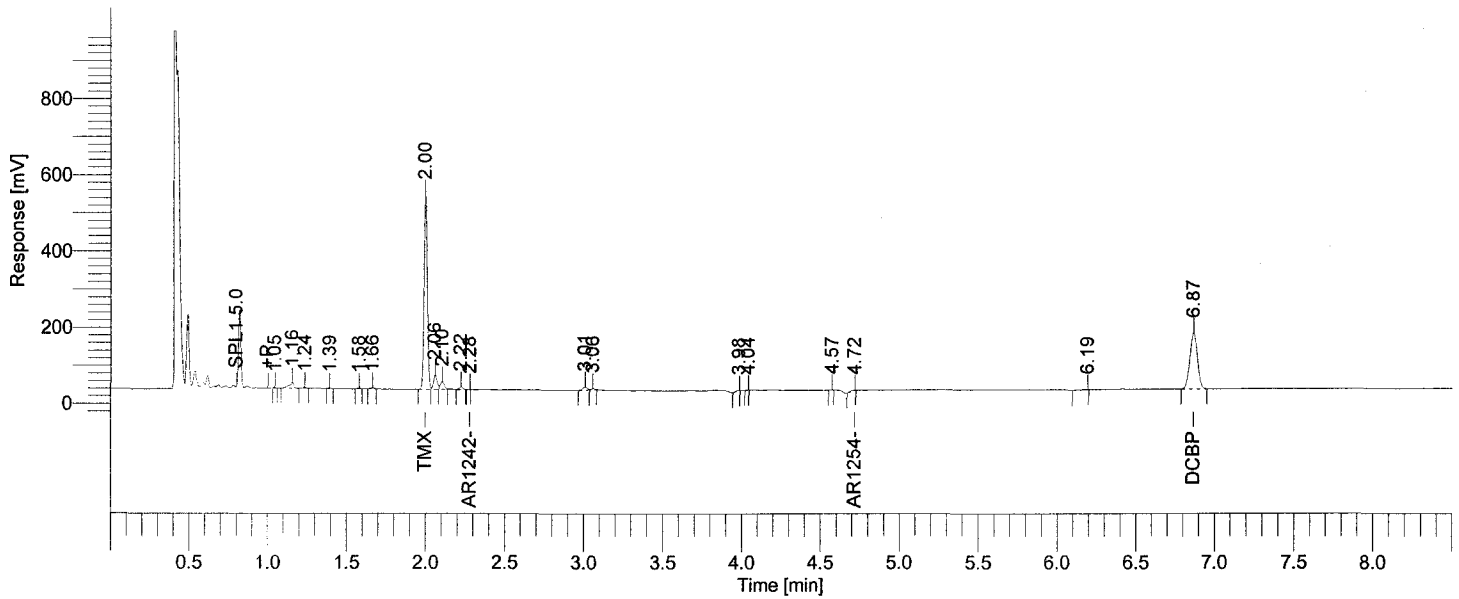
```

Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 200402
Operator : tchrom
Sample Number : A8769102
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/02/2008 13:01:34

Date : 07/02/2008 14:08:53
Sample Name : AS80007653CU+
Study : STA00489
Rack/Vial : 1/7
Channel : A
A/D mV Range : 1000
End Time : 12.93 min
Area Reject : 5000.000000
Dilution Factor : 1.00
Cycle : 5
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a63107.raw <Modified>
Result File : H:\TURBO6\6890-07\7a63107.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63107.raw
Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63107.rst
Calib Method : h:\turbo6\6890-07\7a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63107.rst
Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	2.00	BV	750839	TMX	0.01423	-----	0
19	6.87	BB	489560	DCBP	0.01358	-----	0
			1240399			0.00000	

AW 7/16/08

07/02/2008 14:08:53 Result: H:\TURBO6\6890-07\7a63107.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.28	BB	276	AR1242-A	3.91e-04	9.78e-05	4
-	2.57		0	AR1242-B	0.00000	-----	-
-	2.72		0	AR1242-C	0.00000	-----	-
-	2.92		0	AR1242-D	0.00000	-----	-
			276			9.78e-05	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.35		0	AR1248-A	0.00000	-----	-
-	3.45		0	AR1248-B	0.00000	-----	-
-	3.52		0	AR1248-C	0.00000	-----	-
-	3.69		0	AR1248-D	0.00000	-----	-
			0			0.00000	

Group Report For : AR1254

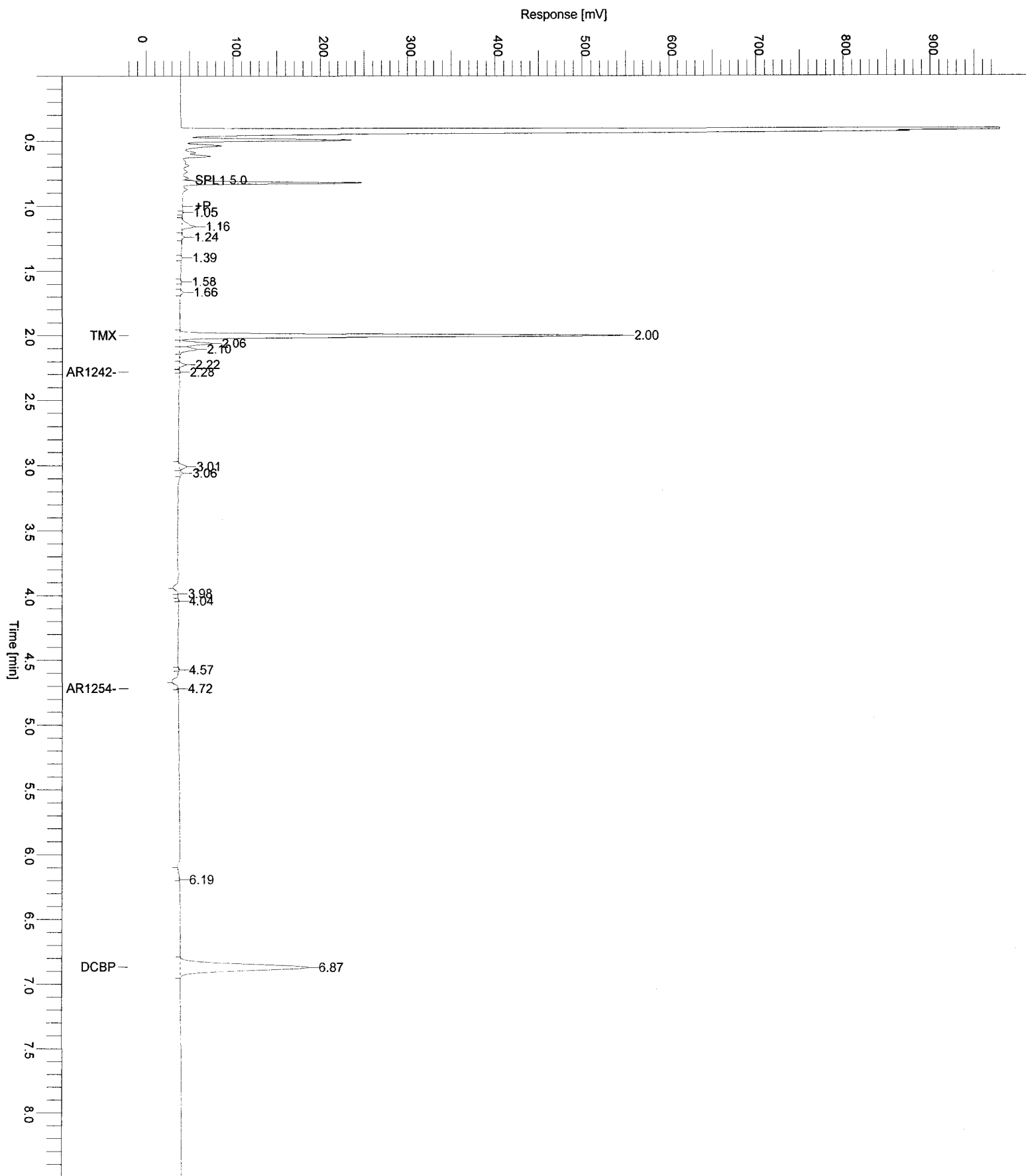
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.87		0	AR1254-A	0.00000	-----	-
-	4.16		0	AR1254-B	0.00000	-----	-
-	4.36		0	AR1254-C	0.00000	-----	-
17	4.72	BB	4662	AR1254-D	0.00192	4.80e-04	4
			4662			4.80e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	5.28		0	AR1260-A	0.00000	-----	-
-	5.52		0	AR1260-B	0.00000	-----	-
-	5.63		0	AR1260-C	0.00000	-----	-
-	6.08		0	AR1260-D	0.00000	-----	-
			0			0.00000	

Sample Name : AS80007653CU+
FileName : H:\TURBO6\6890-07\7a63107.raw
Date : 07/02/2008 14:08:55
Method : 6890-7pcbins

Sample #: A8769102 Page 1 of 1
Time of Injection: 07/02/2008 13:01:34
Start Time : 0.00 min End Time : 8.50 min Low Point : -20.77 mV High Point : 979.23 mV
Plot Offset: -20.77 mV Plot Scale: 1000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-070/6-7.5

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECONY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798805Sample wt/vol: 30.40 (g/mL) G Lab File ID: 12A36032.TX0% Moisture: 22 decanted: (Y/N) N Date Samp/Recv: 06/27/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	21	U
11104-28-2----	Aroclor 1221	21	U
11141-16-5----	Aroclor 1232	21	U
53469-21-9----	Aroclor 1242	21	U
12672-29-6----	Aroclor 1248	21	U
11097-69-1----	Aroclor 1254	21	U
11096-82-5----	Aroclor 1260	21	U

```

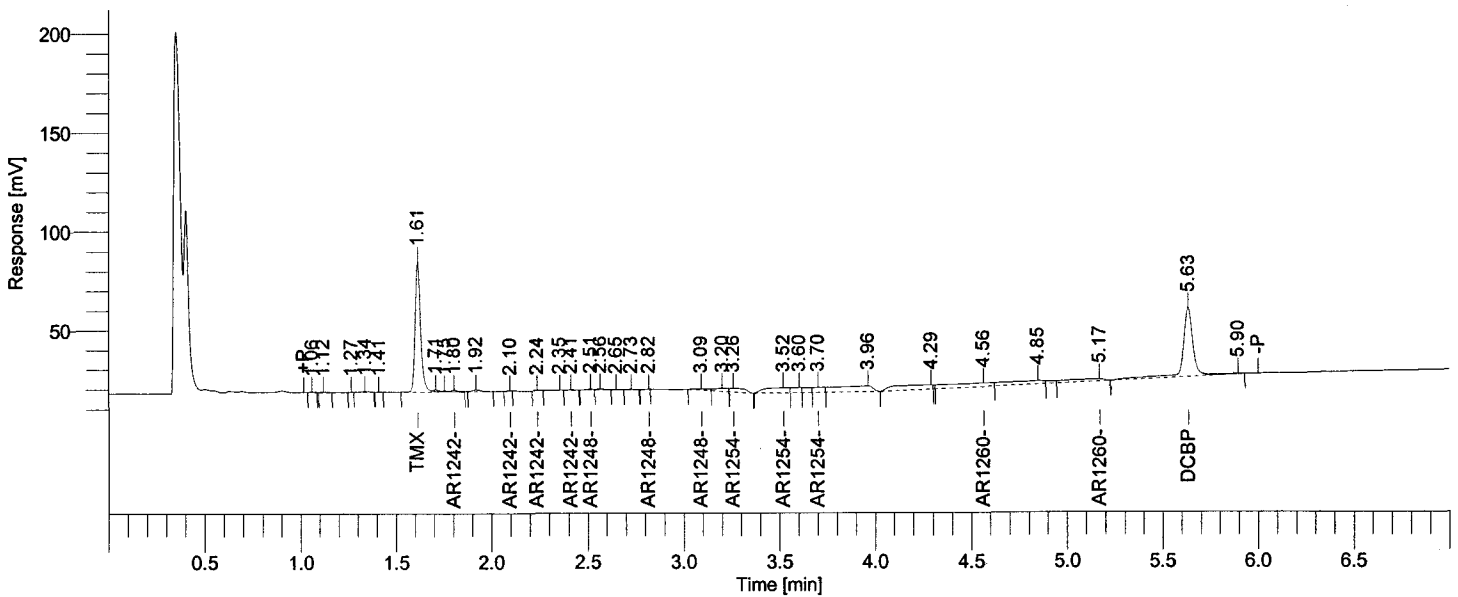
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 201372
Operator : tchrom
Sample Number : A8798805
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/08/2008 14:45:39

Date : 07/09/2008 07:31:23
Sample Name : AS80007798CU+
Study : STA00489
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 17
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a36032.raw <Modified>
Result File : H:\TURBO6\5890-12\12a36032.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36032.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36032.rst
Calib Method : h:\turbo6\5890-12\12a-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12a36032.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.61	VE	132149	TMX	0.01595	-----	0
	1.80		2767	AR1242	0.00197	4.93e-04	4
	3.09		5207	AR1248	0.00289	7.22e-04	4
	3.52		45079	AR1254	0.01662	0.00415	4
	4.56		52080	AR1260	0.02640	0.00660	4
	31	5.63	BE	126382	DCBP	0.01799	-----	0
			363664			0.01197	

16
GA

07/09/2008 07:31:23 Result: H:\TURBO6\5890-12\12a36032.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	1.80	VV	1827	AR1242-A	0.00876	0.00219	4
11	2.10	BB	142	AR1242-B	3.65e-04	9.14e-05	4
12	2.24	BV	109	AR1242-C	5.12e-04	1.28e-04	4
14	2.41	VB	688	AR1242-D	0.00116	2.91e-04	4
						0.00270	
			2767				

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	2.51	BV	1396	AR1248-A	0.00992	0.00248	4
19	2.82	BB	115	AR1248-B	2.85e-04	7.13e-05	4
-	2.89		0	AR1248-C	0.00000	-----	-
20	3.09	BV	3697	AR1248-D	0.00395	9.87e-04	4
						0.00354	
			5207				

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
22	3.26	VB	11189	AR1254-A	0.01368	0.00342	4
23	3.52	BV	23215	AR1254-B	0.03645	0.00911	4
25	3.70	VV	10675	AR1254-C	0.01684	0.00421	4
-	4.06		0	AR1254-D	0.00000	-----	-
						0.01674	
			45079				

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.19		0	AR1260-A	0.00000	-----	-
28	4.56	VV	35422	AR1260-B	0.04245	0.01061	4
-	4.74		0	AR1260-C	0.00000	-----	-
30	5.17	VB	16658	AR1260-D	0.07926	0.01982	4
						0.03043	
			52080				

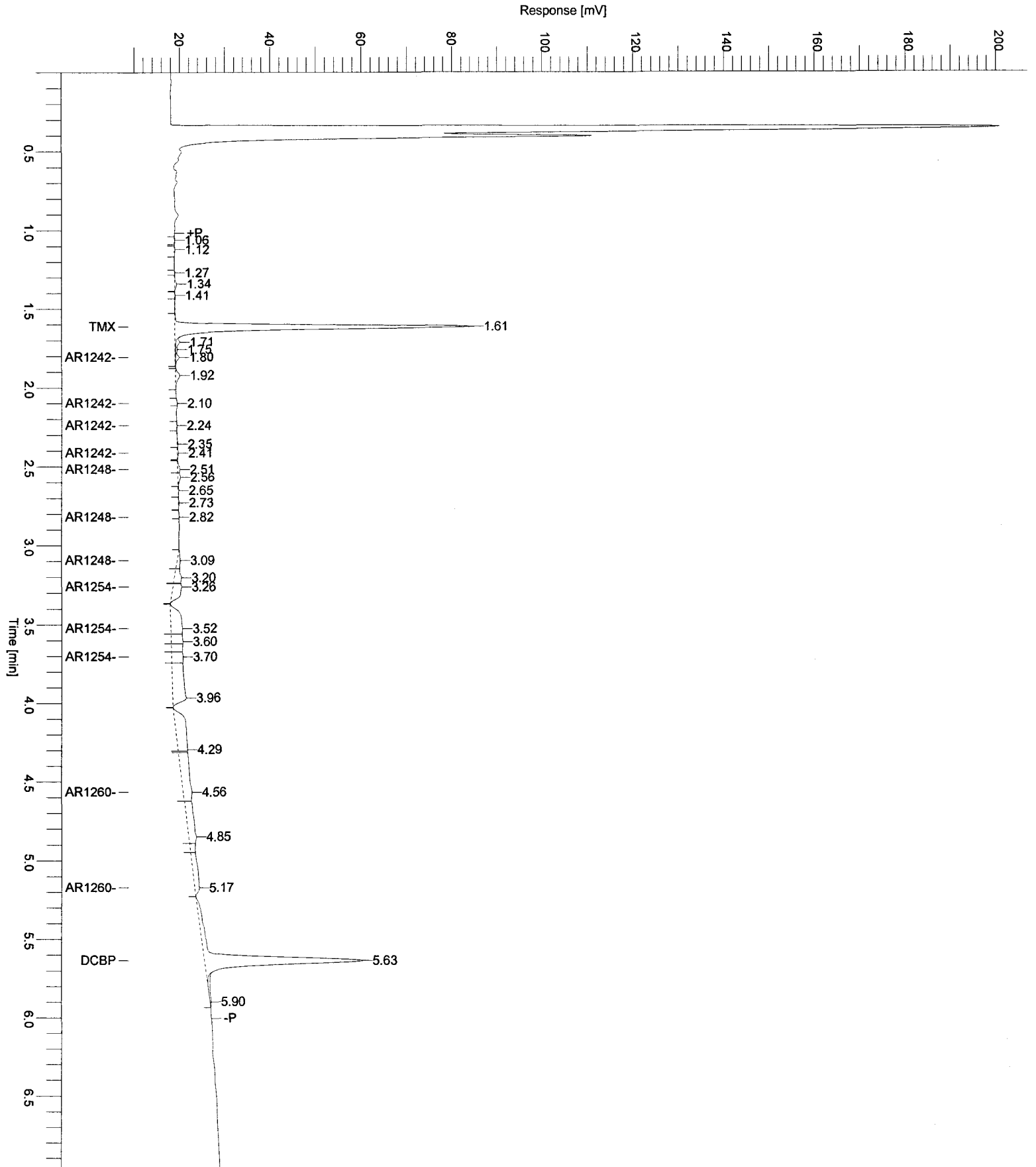
58

Chromatogram

2366/4151

Sample Name : AS80007798CU+
FileName : H:\TURBO6\5890-12\12a36032.raw
Date : 07/09/2008 07:31:25
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: A8798805
Page 1 of 1
Time of Injection: 07/08/2008 14:45:39
End Time : 7.00 min
Low Point : 8.60 mV
High Point : 200.92 mV
Plot Offset: 8.60 mV
Plot Scale: 192.3 mV



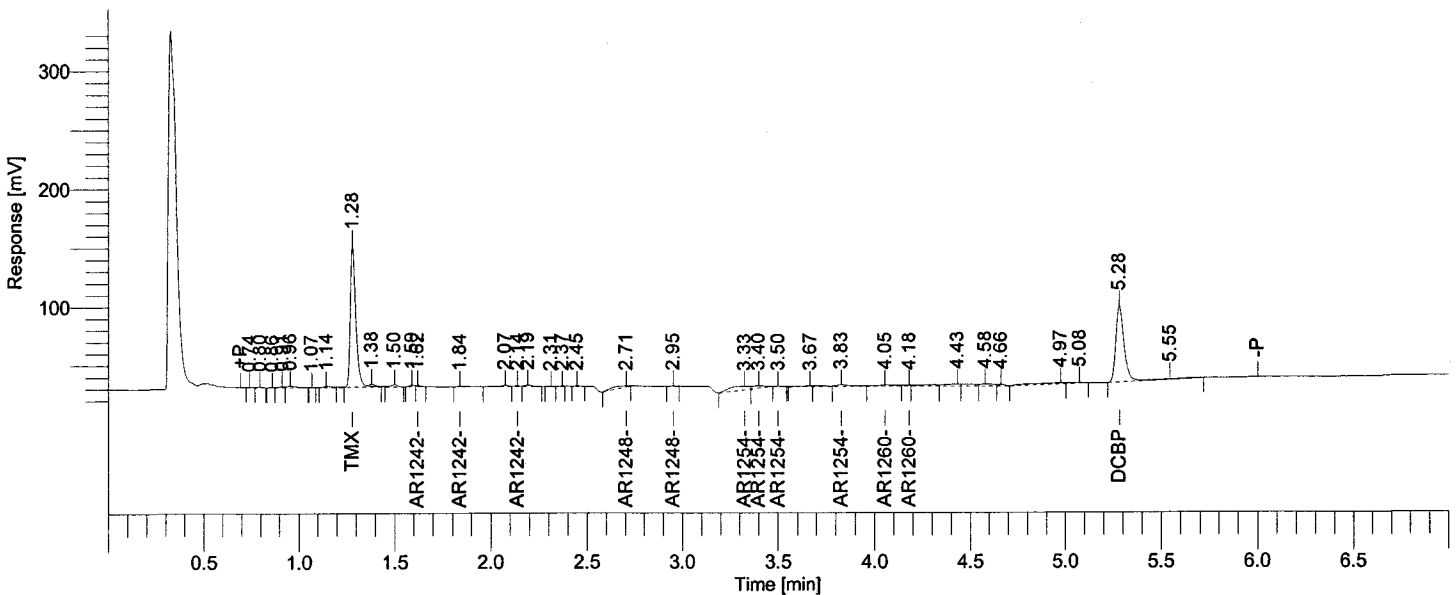
```

Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 201373
Operator : tchrom
Sample Number : A8798805
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/08/2008 14:45:39

Date : 07/09/2008 07:31:29
Sample Name : AS80007798CU+
Study : STA00489
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 7.00 min
Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 17
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B36032.raw <Modified>
Result File : H:\TURBO6\5890-12\12B36032.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36032.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36032.rst
Calib Method : h:\turbo6\5890-12\12b-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12B36032.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	1.28	VE	241513	TMX	0.01634	-----	0
	1.62		5653	AR1242	0.00207	5.18e-04	4
	2.71		11621	AR1248	0.00392	9.81e-04	4
	3.33		45664	AR1254	0.01033	0.00258	4
	4.05		12687	AR1260	0.00335	8.37e-04	4
34	5.28	BE	190144	DCBP	0.01511	-----	0
			507281			0.00492	

BA

07/09/2008 07:31:29 Result: H:\TURBO6\5890-12\12B36032.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	1.62	VB	2055	AR1242-A	0.00607	0.00152	4
13	1.84	BV	1898	AR1242-B	0.00254	6.34e-04	4
15	2.14	VV	1700	AR1242-C	0.00148	3.71e-04	4
-	2.25		0	AR1242-D	0.00000	-----	-
			5653			0.00252	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.58		0	AR1248-A	0.00000	-----	-
20	2.71	BB	10774	AR1248-B	0.01659	0.00415	4
-	2.79		0	AR1248-C	0.00000	-----	-
21	2.95	BB	848	AR1248-D	0.00126	3.15e-04	4
			11621			0.00446	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
22	3.33	BV	25916	AR1254-A	0.01802	0.00450	4
23	3.40	VB	9381	AR1254-B	0.00724	0.00181	4
24	3.50	BB	722	AR1254-C	0.00124	3.09e-04	4
26	3.83	VV	9645	AR1254-D	0.00876	0.00219	4
			45664			0.00881	

Group Report For : AR1260

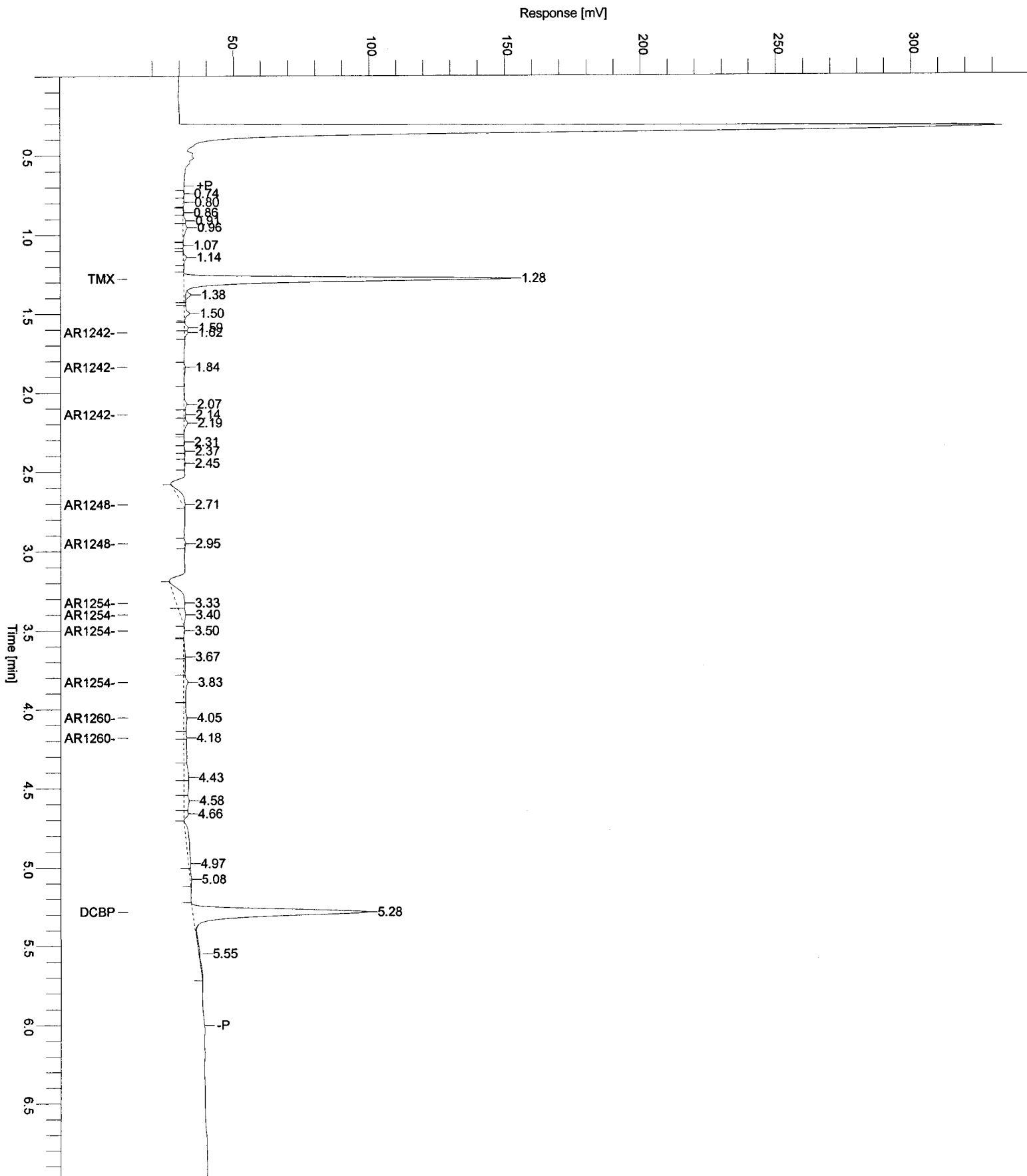
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	4.05	VV	9845	AR1260-A	0.01657	0.00414	4
28	4.18	VV	2842	AR1260-B	0.00192	4.79e-04	4
-	4.49		0	AR1260-C	0.00000	-----	-
-	4.85		0	AR1260-D	0.00000	-----	-
			12687			0.00462	

Chromatogram

2369/4151

Sample Name : AS80007798CU+
FileName : H:\TURBO6\5890-12\12B36032.raw
Date : 07/09/2008 07:31:31
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: A8798805
Page 1 of 1
Time of Injection: 07/08/2008 14:45:39
End Time : 7.00 min
Low Point : 10.49 mV
High Point : 333.51 mV
Plot Offset: 10.49 mV
Plot Scale: 323.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-51/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798801Sample wt/vol: 30.30 (g/mL) G Lab File ID: 12A36033.TX0% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 07/01/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	<u>Q</u>
12674-11-2----	Aroclor 1016	19	U
11104-28-2----	Aroclor 1221	19	U
11141-16-5----	Aroclor 1232	19	U
53469-21-9----	Aroclor 1242	19	U
12672-29-6----	Aroclor 1248	19	U
11097-69-1----	Aroclor 1254	92	
11096-82-5----	Aroclor 1260	27	

```

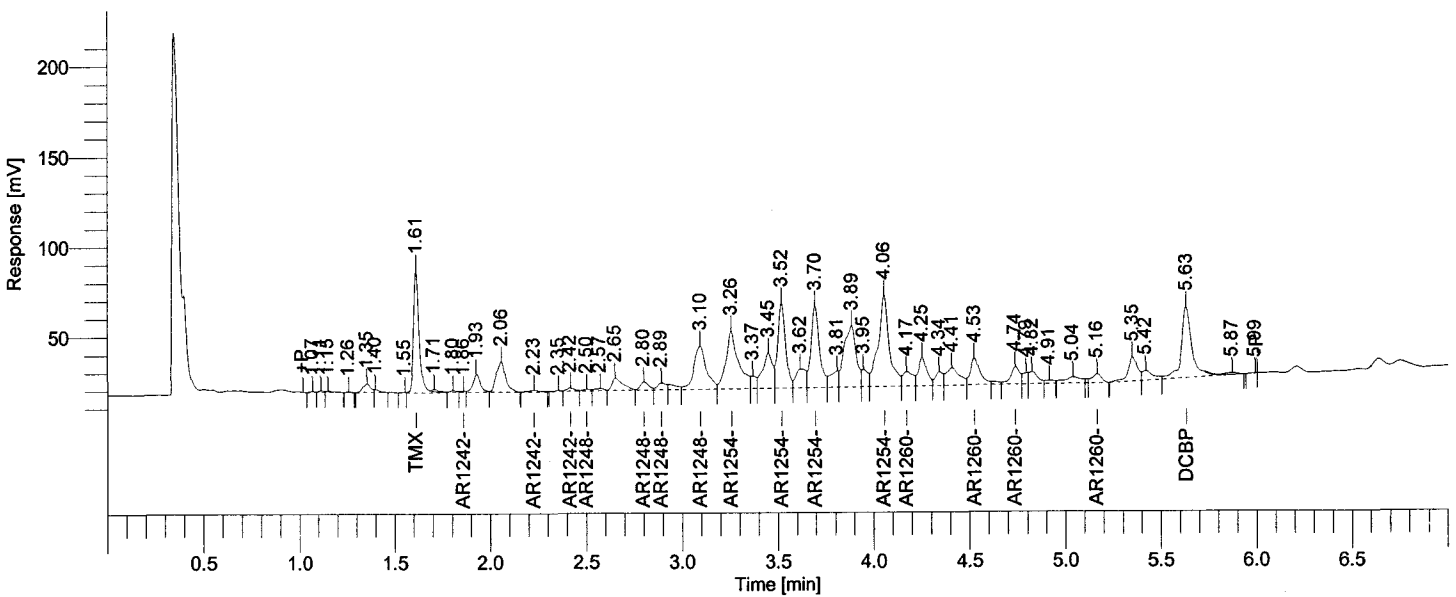
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 201374
Operator : tchrom
Sample Number : A8798801
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/08/2008 14:59:54

Date : 07/09/2008 07:31:34
Sample Name : AS80007834CU+
Study : STA00489
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 18
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a36033.raw <Modified>
Result File : H:\TURBO6\5890-12\12a36033.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36033.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36033.rst
Calib Method : h:\turbo6\5890-12\12a-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12a36033.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	1.61	VE	142061	TMX	0.01715	-----	0
	2.42		10165	AR1242	0.00725	0.00181	4
	3.10		137854	AR1248	0.07644	0.01911	4
	4.06		630897	AR1254	0.23257	0.05814	4
	4.53		130066	AR1260	0.06593	0.01648	4
46	5.63	VE	151889	DCBP	0.02162	-----	0
					1202933	0.09555	

JUL 16 2008

(Handwritten signature)

07/09/2008 07:31:34 Result: H:\TURBO6\5890-12\12a36033.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	1.86	VV	1571	AR1242-A	0.00753	0.00188	4
-	2.12		0	AR1242-B	0.00000	-----	-
14	2.23	BV	3802	AR1242-C	0.01781	0.00445	4
16	2.42	VV	4792	AR1242-D	0.00811	0.00203	4
						0.00836	
			10165				

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	2.50	VV	2771	AR1248-A	0.01970	0.00493	4
20	2.80	VV	13877	AR1248-B	0.03441	0.00860	4
21	2.89	VV	12048	AR1248-C	0.03732	0.00933	4
22	3.10	VV	109158	AR1248-D	0.11655	0.02914	4
						0.05200	
			137854				

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
23	3.26	VV	148960	AR1254-A	0.18210	0.04552	4
26	3.52	VV	134785	AR1254-B	0.21160	0.05290	4
28	3.70	VV	139465	AR1254-C	0.21995	0.05499	4
32	4.06	VV	207687	AR1254-D	0.33299	0.08325	4
						0.23666	
			630897				

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
33	4.17	VV	30396	AR1260-A	0.05318	0.01329	4
37	4.53	VV	51426	AR1260-B	0.06162	0.01541	4
38	4.74	VV	31160	AR1260-C	0.08743	0.02186	4
43	5.16	VB	17084	AR1260-D	0.08129	0.02032	4
						0.07088	
			130066				

JUL 16 2008

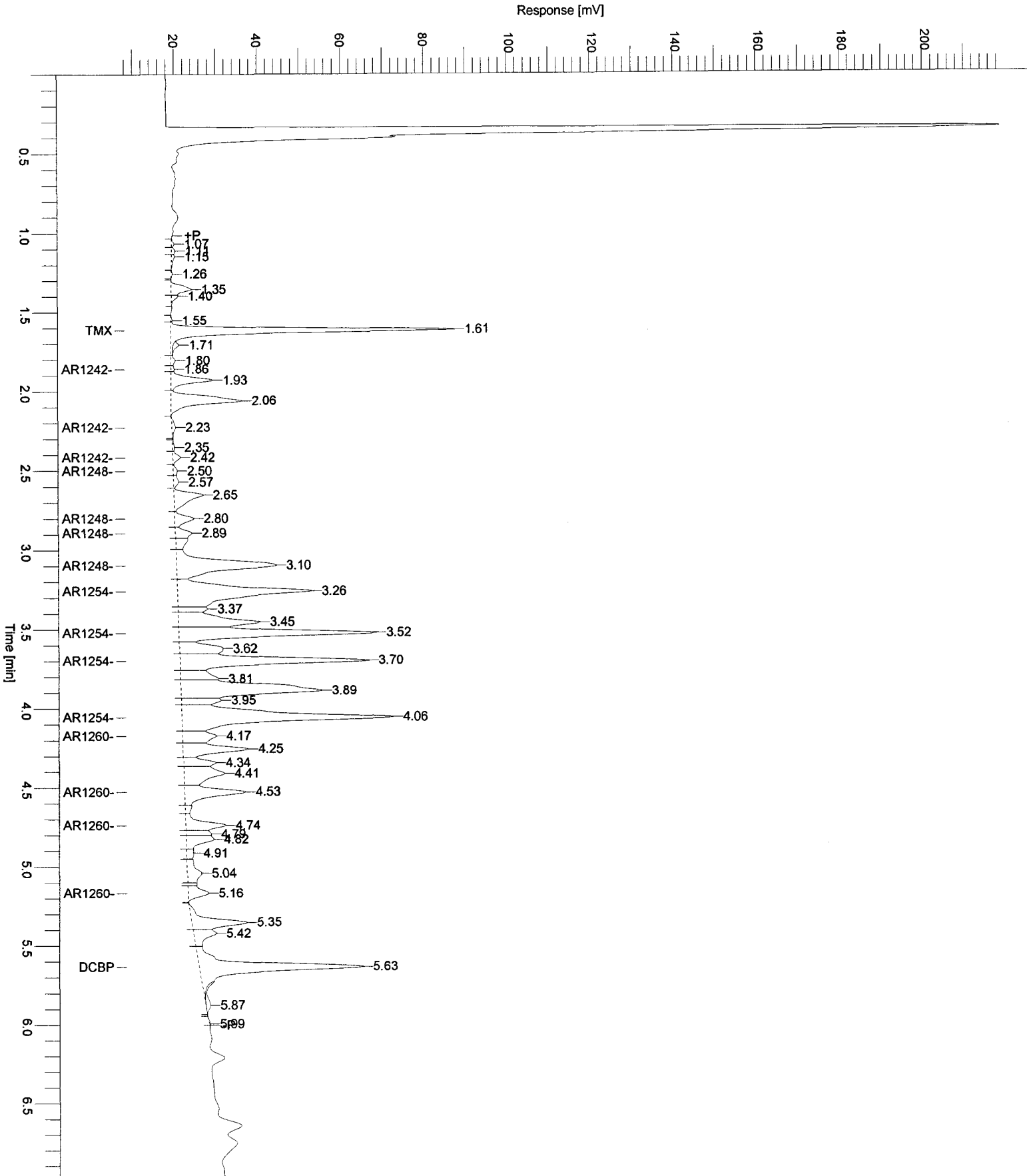
670

Sample Name : AS80007834CU+
FileName : H:\TURBO6\5890-12\12a36033.raw
Date : 07/09/2008 07:31:36
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0

Sample #: A8798801

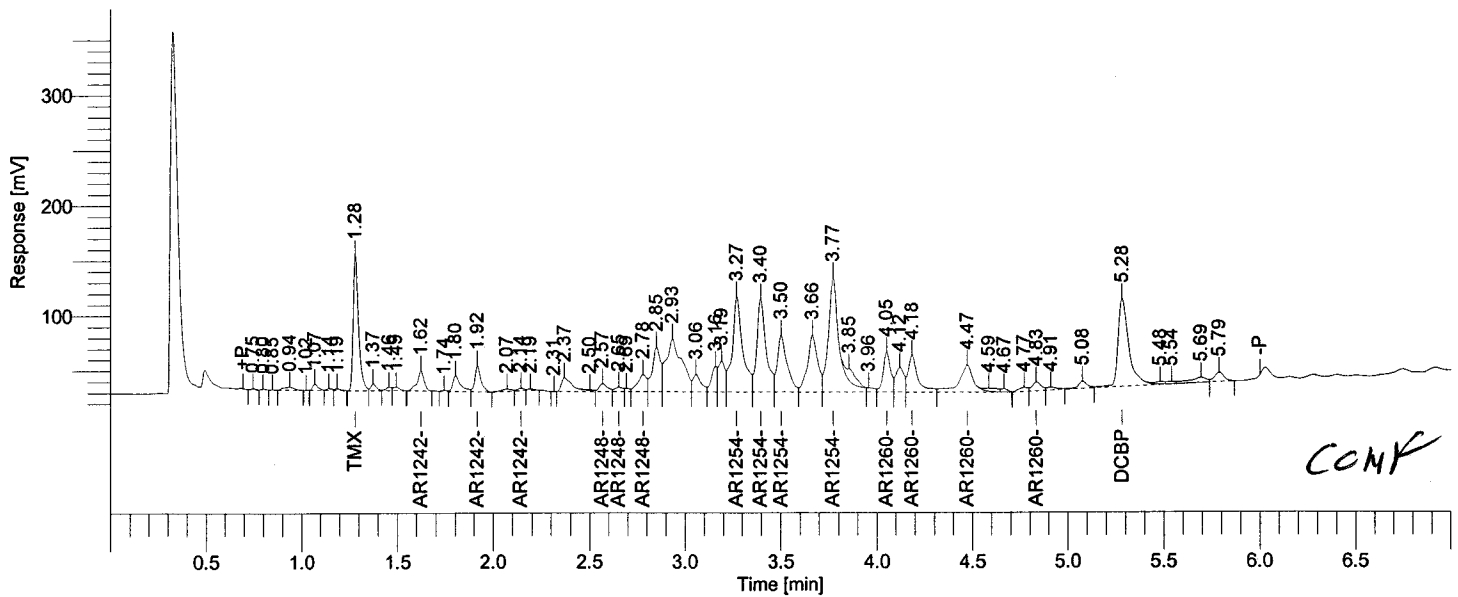
Page 1 of 1

Time of Injection: 07/08/2008 14:59:54
End Time : 7.00 min Low Point : 7.89 mV High Point : 218.73 mV
Plot Offset: 7.89 mV Plot Scale: 210.8 mV



Software Version : 6.2.1.0.104:0104 Date : 07/09/2008 07:31:40
 Reprocess Number : buf2042: 201375
 Operator : tchrom Sample Name : AS80007834CU+
 Sample Number : A8798801 Study : STA00489
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/08/2008 14:59:54 Cycle : 18

Raw Data File : H:\TURBO6\5890-12\12B36033.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B36033.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36033.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36033.rst
 Calib Method : h:\turbo6\5890-12\12b-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12B36033.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D36.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	1.28	BV	240288	TMX	0.01625	-----	0
	1.92		103073	AR1242	0.03777	0.00944	4
	2.78		85085	AR1248	0.02872	0.00718	4
	3.77		1214919	AR1254	0.27491	0.06873	4
	4.05		370678	AR1260	0.09783	0.02446	4
49	5.28	VE	314190	DCBP	0.02497	-----	0
			2328233			0.10981	

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 90

07/09/2008 07:31:40 Result: H:\TURBO6\5890-12\12B36033.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.62	BB	44874	AR1242-A	0.13246	0.03312	4
16	1.92	VB	52412	AR1242-B	0.07003	0.01751	4
18	2.14	VV	5787	AR1242-C	0.00505	0.00126	4
-	2.25		0	AR1242-D	0.00000	-----	-
						103073	0.05189

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
23	2.57	VV	21947	AR1248-A	0.02998	0.00749	4
24	2.65	VV	11530	AR1248-B	0.01776	0.00444	4
26	2.78	VV	51608	AR1248-C	0.05686	0.01421	4
-	3.00		0	AR1248-D	0.00000	-----	-
						85085	0.02615

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
32	3.27	VV	330732	AR1254-A	0.22992	0.05748	4
33	3.40	VV	285620	AR1254-B	0.22051	0.05513	4
34	3.50	VV	182446	AR1254-C	0.31220	0.07805	4
36	3.77	VE	416121	AR1254-D	0.37788	0.09447	4
						1214919	0.28513

Group Report For : AR1260

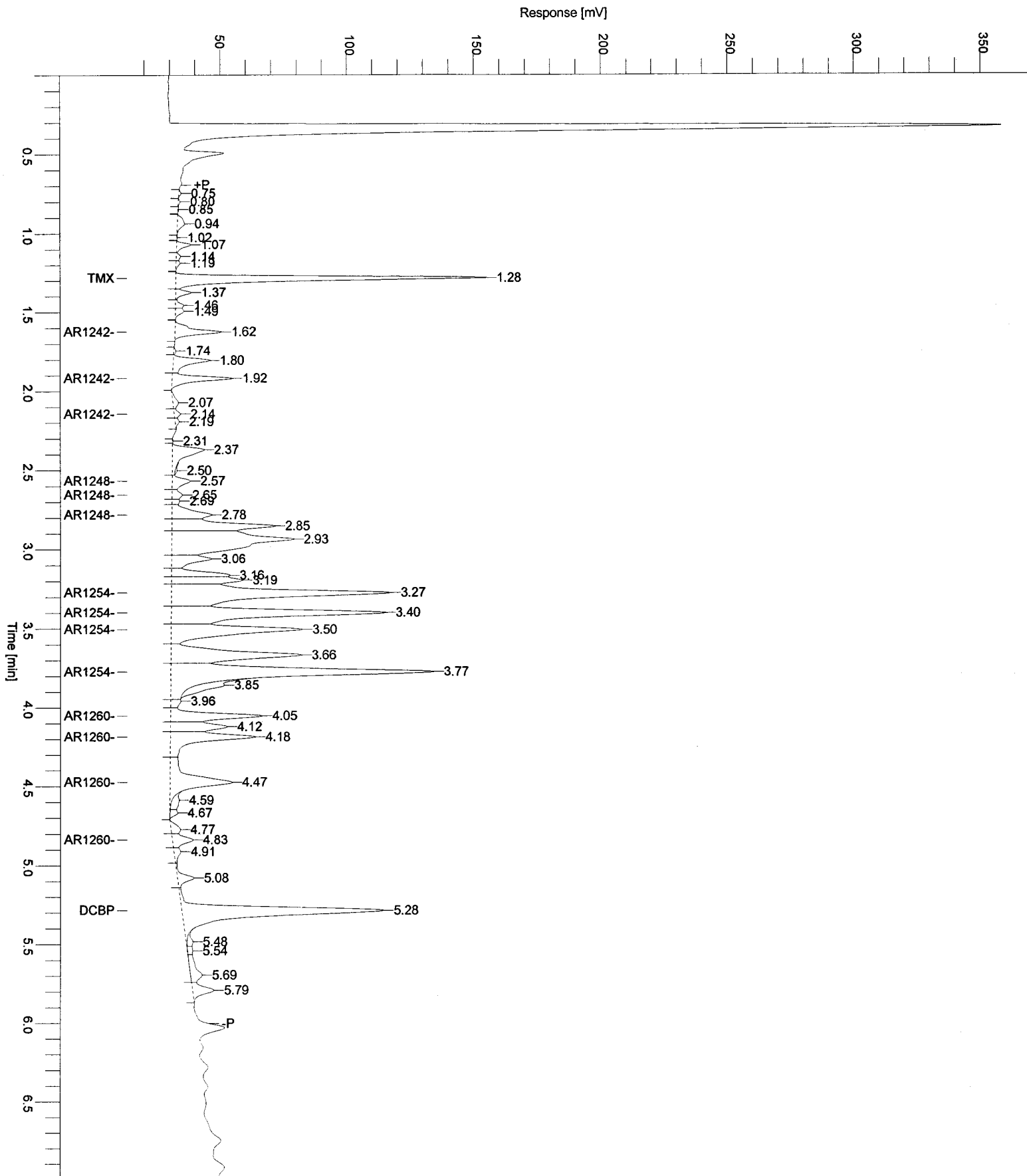
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
39	4.05	VV	97955	AR1260-A	0.16485	0.04121	4
41	4.18	VV	117321	AR1260-B	0.07915	0.01979	4
42	4.47	VE	128807	AR1260-C	0.09769	0.02442	4
46	4.83	VV	26594	AR1260-D	0.06751	0.01688	4
						370678	0.10230

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Sample Name : AS80007834CU+
FileName : H:\TURBO6\5890-12\12B36033.raw
Date : 07/09/2008 07:31:42
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: A8798801
Page 1 of 1
Time of Injection: 07/08/2008 14:59:54
Low Point : 12.95 mV
High Point : 358.23 mV
Plot Offset: 12.95 mV
Plot Scale: 345.3 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

SB-53/0-1 (ROC)

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8798802Sample wt/vol: 30.29 (g/mL) G Lab File ID: 12A36029.TX0% Moisture: 19 decanted: (Y/N) N Date Samp/Recv: 06/26/2008 07/03/2008Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	20	U
11104-28-2----	Aroclor 1221	20	U
11141-16-5----	Aroclor 1232	20	U
53469-21-9----	Aroclor 1242	20	U
12672-29-6----	Aroclor 1248	20	U
11097-69-1----	Aroclor 1254	20	U
11096-82-5----	Aroclor 1260	20	U

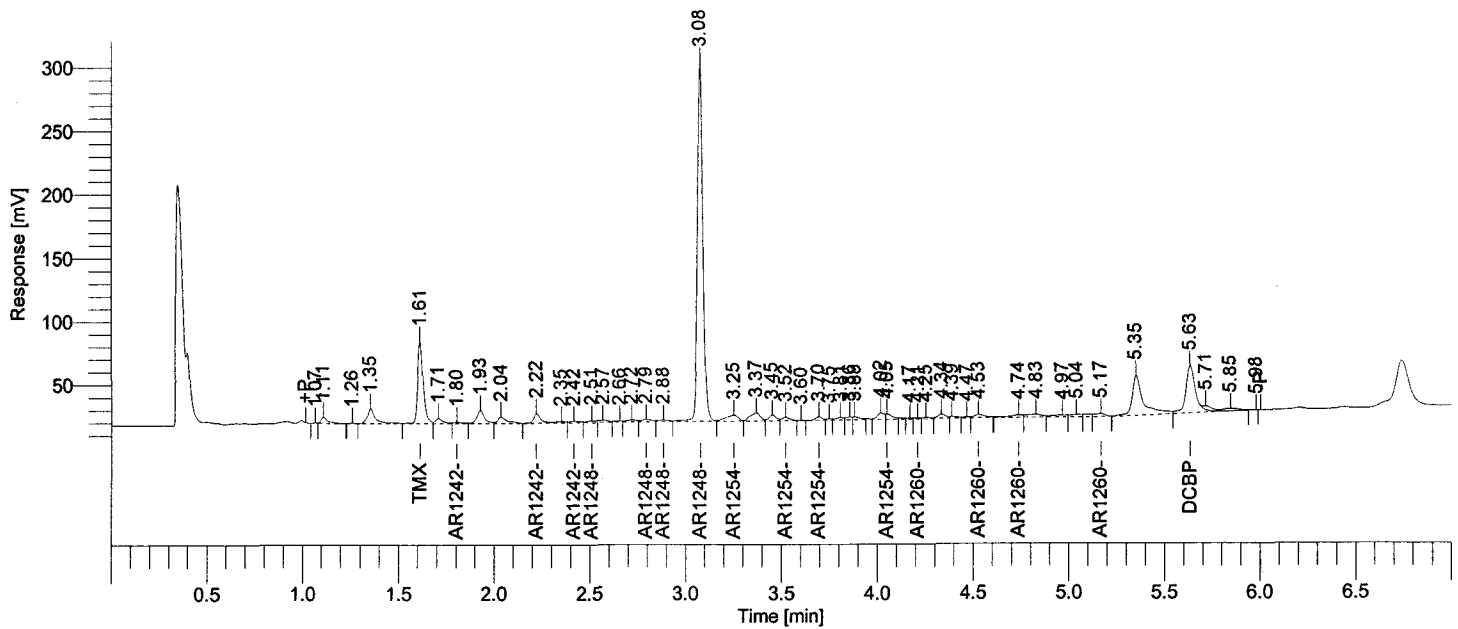
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 201366
Operator          : tchrom
Sample Number     : A8798802
AutoSampler       : NONE
Instrument Name    : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/08/2008 14:02:45

Date              : 07/09/2008 07:30:49
Sample Name      : AS80007795CU+
Study            : STA00489
Rack/Vial        : 0/0
Channel          : A
A/D mV Range     : 1000
End Time         : 7.00 min
Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 14
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a36029.raw <Modified>
Result File   : H:\TURBO6\5890-12\12a36029.rst
Inst Method  : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36029.raw
Proc Method  : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36029.rst
Calib Method : h:\turbo6\5890-12\12a-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12a36029.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.61	VV	129995	TMX	0.01569	-----	0
	2.22		28185	AR1242	0.02009	0.00502	4
	3.08		584814	AR1248	0.32430	0.08108	4
	3.25		46318	AR1254	0.01707	0.00427	4
	4.53		31589	AR1260	0.01604	0.00400	4
45	5.63	VE	129844	DCBP	0.01848	-----	0
			950746			0.09437	

JUL 16 2008
(Signature)

07/09/2008 07:30:49 Result: H:\TURBO6\5890-12\12a36029.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	1.80	VV	3284	AR1242-A	0.01575	0.00394	4
-	2.12		0	AR1242-B	0.00000	-----	-
10	2.22	BE	19802	AR1242-C	0.09274	0.02319	4
12	2.42	VV	5099	AR1242-D	0.00863	0.00216	4
						28185	0.02928

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	2.51	VV	5581	AR1248-A	0.03968	0.00992	4
17	2.79	VV	7291	AR1248-B	0.01808	0.00452	4
18	2.88	VV	5466	AR1248-C	0.01693	0.00423	4
19	3.08	VV	566477	AR1248-D	0.60485	0.15121	4
						584814	0.16989

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
20	3.25	VV	21408	AR1254-A	0.02617	0.00654	4
23	3.52	VV	7256	AR1254-B	0.01139	0.00285	4
25	3.70	VV	6814	AR1254-C	0.01075	0.00269	4
31	4.05	VV	10840	AR1254-D	0.01738	0.00435	4
						46318	0.01642

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Group Report For : AR1260

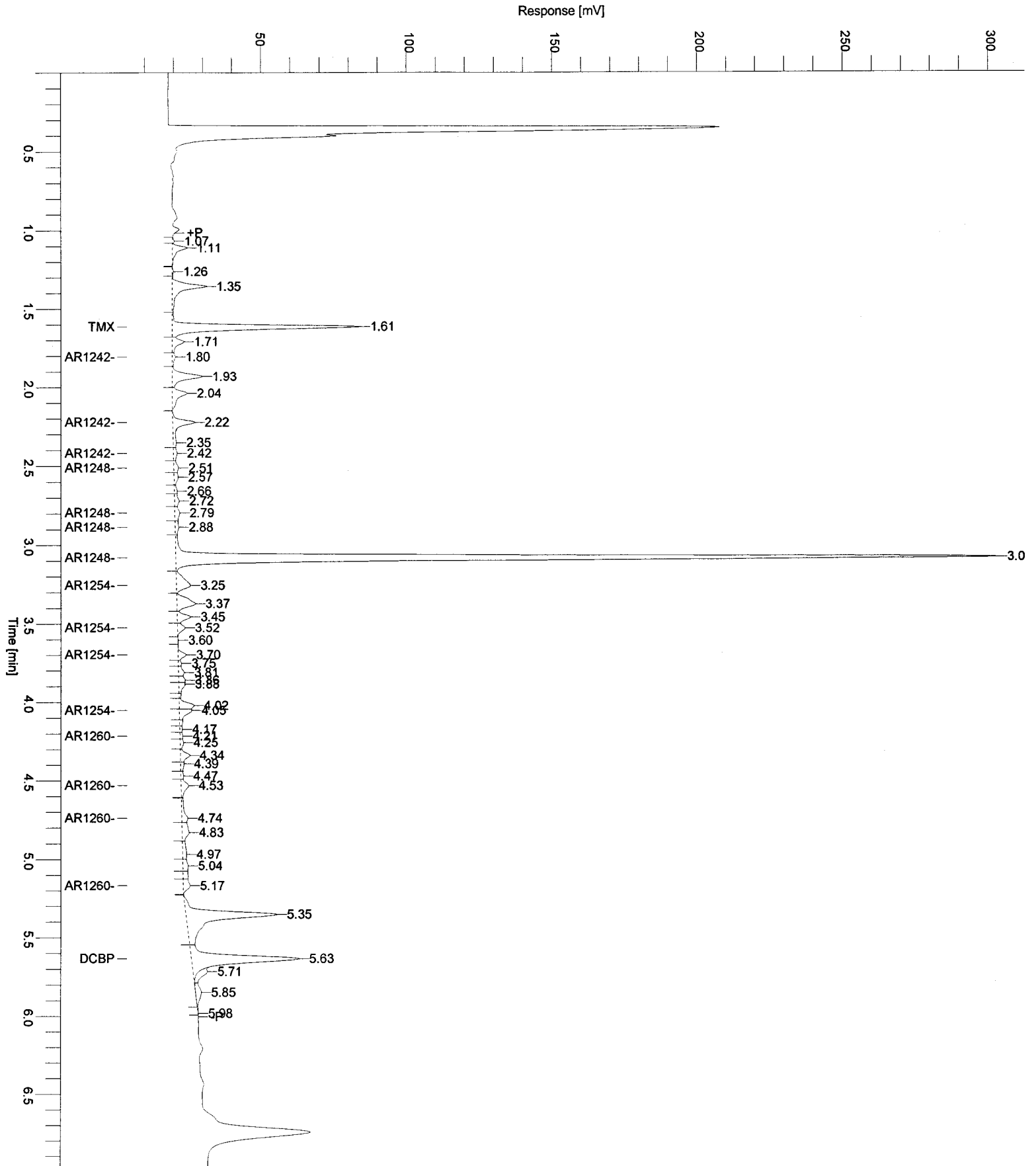
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
33	4.21	VV	2234	AR1260-A	0.00391	9.77e-04	4
38	4.53	VV	10258	AR1260-B	0.01229	0.00307	4
39	4.74	VV	10235	AR1260-C	0.02872	0.00718	4
43	5.17	VB	8862	AR1260-D	0.04217	0.01054	4
						31589	0.02177

Chromatogram

2380/4151

Sample Name : AS80007795CU+
FileName : H:\TURBO6\5890-12\12a36029.raw
Date : 07/09/2008 07:30:51
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: A8798802
Page 1 of 1
Time of Injection: 07/08/2008 14:02:45
Low Point : 3.76 mV
High Point : 303.14 mV
Plot Offset: 3.76 mV
Plot Scale: 299.4 mV



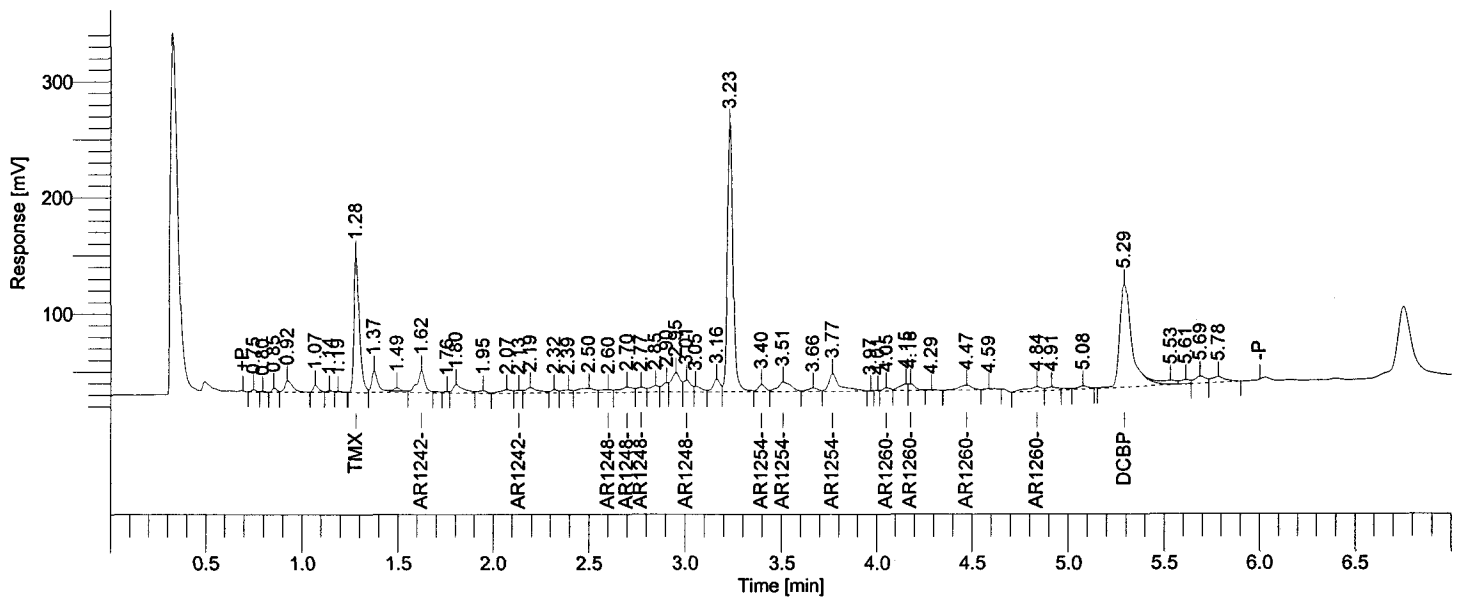
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Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 201367
Operator          : tchrom
Sample Number     : A8798802
AutoSampler       : NONE
Instrument Name    : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/08/2008 14:02:45

Date              : 07/09/2008 07:30:55
Sample Name      : AS80007795CU+
Study            : STA00489
Rack/Vial        : 0/0
Channel          : B
A/D mV Range     : 1000
End Time         : 7.00 min
Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 14
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B36029.raw <Modified>
Result File   : H:\TURBO6\5890-12\12B36029.rst
Inst Method   : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36029.raw
Proc Method   : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36029.rst
Calib Method  : h:\turbo6\5890-12\12b-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12B36029.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	1.28	BV	230934	TMX	0.01562	-----	0
	1.62		60549	AR1242	0.02219	0.00555	4
	3.01		74931	AR1248	0.02529	0.00632	4
	3.77		116505	AR1254	0.02636	0.00659	4
	4.18		63456	AR1260	0.01675	0.00419	4
46	5.29	VE	393680	DCBP	0.03129	-----	0
			940054			0.02265	

0.01562
 (8)

07/09/2008 07:30:55 Result: H:\TURBO6\5890-12\12B36029.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	1.62	VV	54085	AR1242-A	0.15965	0.03991	4
-	1.89		0	AR1242-B	0.00000	-----	-
16	2.13	VV	6464	AR1242-C	0.00564	0.00141	4
-	2.25		0	AR1242-D	0.00000	-----	-
			60549			0.04132	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
21	2.60	VV	11457	AR1248-A	0.01565	0.00391	4
22	2.70	VV	23156	AR1248-B	0.03566	0.00892	4
23	2.77	VV	13316	AR1248-C	0.01467	0.00367	4
27	3.01	VV	27002	AR1248-D	0.04007	0.01002	4
			74931			0.02651	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.28		0	AR1254-A	0.00000	-----	-
31	3.40	VV	16581	AR1254-B	0.01280	0.00320	4
32	3.51	VV	39532	AR1254-C	0.06765	0.01691	4
34	3.77	VV	60391	AR1254-D	0.05484	0.01371	4
			116505			0.03382	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
37	4.05	VV	7554	AR1260-A	0.01271	0.00318	4
39	4.18	VV	14300	AR1260-B	0.00965	0.00241	4
41	4.47	BV	19247	AR1260-C	0.01460	0.00365	4
43	4.84	BV	22355	AR1260-D	0.05675	0.01419	4
			63456			0.02343	

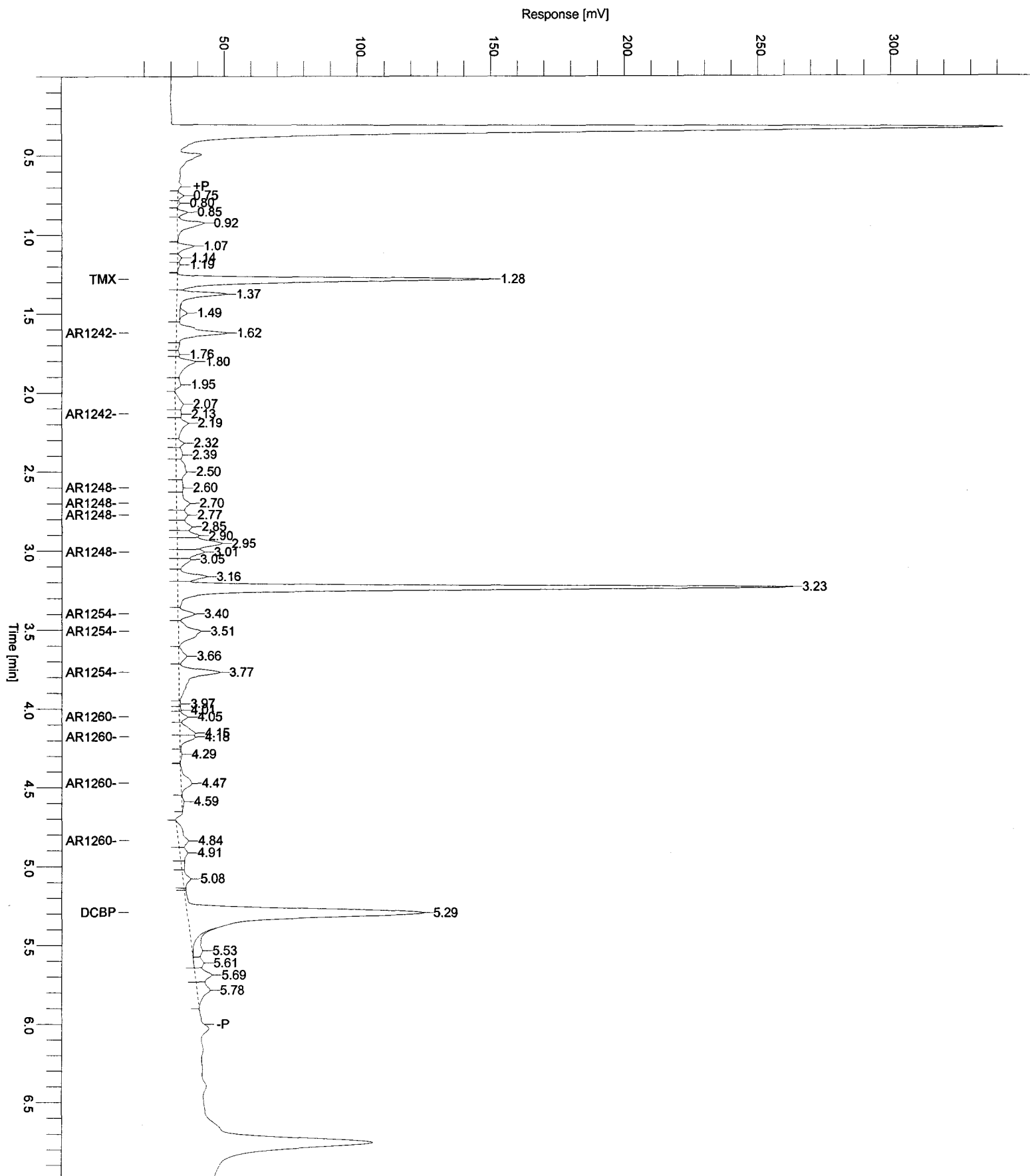
2015
BTA

Chromatogram

2383/4151

Sample Name : AS80007795CU+
FileName : H:\TURBO6\5890-12\12B36029.raw
Date : 07/09/2008 07:30:57
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: A8798802
Page 1 of 1
Time of Injection: 07/08/2008 14:02:45
End Time : 7.00 min
Low Point : 14.07 mV
High Point : 342.23 mV
Plot Offset: 14.07 mV
Plot Scale: 328.2 mV



Standards

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:
 Instrument: HP6890-07 A Date(s) Analyzed:
 Column: ZB-5 06/23/2008 to 06/24/2008

COMPOUND	LEVEL (ng/ul)										Curve	R Squared	m ₁	b	Ave Cal	%RSD
	0.025	0.05	0.1	0.25	0.5	1.0	2.0									
AR1016	212702	471814	904953	2098080	3779093	8369828	16394710	Ave	0.99966	8198944	7189	8501654	7.1			
AR1260	184451	397858	806389	1954234	3598557	8272994	16519858	Ave	0.99948	8292247	-116104	7849438	5.3			
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05										
TMX	258834	512931	1054505	1562607	2187578	2704240		Ave	0.99961	54699587	-32957	52774383	2.6			
DCBP	188729	379902	717409	1037894	1424298	1742488		Ave	0.99970	34507650	23672	36110021	4.0			

Name	Level	File ID:
ICM66VE	0.025	H:\TURBO6\6890-07\7a61101.raw
ICM66VG	0.05	H:\TURBO6\6890-07\7a61100.raw
ICM66VF	0.10	H:\TURBO6\6890-07\7a62001.raw
ICM66VE	0.25	H:\TURBO6\6890-07\7a61098.raw
ICM66VK	0.5	H:\TURBO6\6890-07\7a61097.raw
ICM66VC	1.0	H:\TURBO6\6890-07\7a61096.raw
ICM66VB	2.0	H:\TURBO6\6890-07\7a61095.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2*((Amt)^2) + b

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 A

Date(s) Analyzed:

Column: ZB-5

06/23/2008 to 06/24/2008

LEVEL						INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
					(+/-)		
TMX	2.00	2.00	2.00	2.00	0.08	1.92	2.08
AR1016-A	2.57	2.57	2.57	2.57	0.08	2.49	2.65
AR1016-B	2.72	2.72	2.72	2.72	0.08	2.64	2.80
AR1016-C	2.92	2.92	2.91	2.92	0.08	2.84	3.00
AR1016-D	3.00	3.00	3.00	3.00	0.08	2.92	3.08
AR1260-A	5.28	5.28	5.28	5.28	0.08	5.20	5.36
AR1260-B	5.52	5.52	5.52	5.52	0.08	5.44	5.60
AR1260-C	5.63	5.63	5.63	5.63	0.08	5.55	5.71
AR1260-D	6.07	6.07	6.07	6.07	0.08	5.99	6.15
DCBP	6.87	6.87	6.87	6.87	0.08	6.79	6.95

FORM VIB PCB

6A

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo
 Instrument: HP6890-07 A Date(s) Analyzed: 06/23/2008 to 06/23/2008
 Column: ZB-5

COMPOUND	LEVEL (ng/ul)		Calibration Factor	File ID:	Date	Time
	0.5	Area				
AR1221	1102598		2205196	H:\TURBO6\6890-07\7a61081.raw	06/23/2008	16:57
AR1232	1807650		3615300	H:\TURBO6\6890-07\7a61083.raw	06/23/2008	17:34
AR1242	3038001		6076002	H:\TURBO6\6890-07\7a61085.raw	06/23/2008	18:11
AR1248	3025667		6051334	H:\TURBO6\6890-07\7a61087.raw	06/23/2008	18:47
AR1254	5134003		10268006	H:\TURBO6\6890-07\7a61089.raw	06/23/2008	19:23
AR1262	4481767		8963534	H:\TURBO6\6890-07\7a61091.raw	06/23/2008	20:00
AR1268	12022528		24045056	H:\TURBO6\6890-07\7a61093.raw	06/23/2008	20:36

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Instrument: HP6890-07 A

Date(s) Analyzed:

Column: ZB-5 06/23/2008 to 06/23/2008

COMPOUND	Retention Time	WINDOW (+/-)	INITIAL WINDOW	
			From	To
AR1221-A	1.56	0.08	1.48	1.64
AR1221-B	1.82	0.08	1.74	1.90
AR1221-C	2.13	0.08	2.05	2.21
AR1221-D	2.25	0.08	2.17	2.33
AR1232-A	2.57	0.08	2.49	2.65
AR1232-B	2.72	0.08	2.64	2.80
AR1232-C	2.92	0.08	2.84	3.00
AR1232-D	3.00	0.08	2.92	3.08
AR1242-A	2.25	0.08	2.17	2.33
AR1242-B	2.57	0.08	2.49	2.65
AR1242-C	2.72	0.08	2.64	2.80
AR1242-D	2.92	0.08	2.84	3.00
AR1248-A	3.35	0.08	3.27	3.43
AR1248-B	3.45	0.08	3.37	3.53
AR1248-C	3.52	0.08	3.44	3.60
AR1248-D	3.69	0.08	3.61	3.77
AR1254-A	3.87	0.08	3.79	3.95
AR1254-B	4.16	0.08	4.08	4.24
AR1254-C	4.36	0.08	4.28	4.44
AR1254-D	4.76	0.08	4.68	4.84
AR1262-A	4.35	0.08	4.27	4.43
AR1262-B	4.76	0.08	4.68	4.84
AR1262-C	5.28	0.08	5.20	5.36
AR1262-D	5.52	0.08	5.44	5.60
AR1268-A	5.58	0.08	5.50	5.66
AR1268-B	5.89	0.08	5.81	5.97
AR1268-C	6.07	0.08	5.99	6.15
AR1268-D	6.48	0.08	6.40	6.56

FORM VIB PCB

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:
 Instrument: HP6890-07 B Date(s) Analyzed:
 Column: ZB-35 06/23/2008 to 06/24/2008

LEVEL (ng/ul)													
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.0	Curve	R Squared	m ₁	b	Ave Cal	%RSD
AR1016	233095	501700	1026748	2357112	4274608	9419167	18113662	Ave	0.99966	9108163	0	9439849	6.1
AR1260	266350	529495	1108634	2597567	4912150	11084605	22298019	Ave	0.99870	11065388	0	10682632	4.5
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05							
TMX	298330	612873	1213167	1795978	2373410	2719399		Ave	0.99854	57315730	0	59200136	4.2
DCBP	181220	355867	682628	996028	1363390	1674483		Ave	0.99784	33711841	0	34456241	3.5

Name	Level	File ID:
ICM66VE	0.025	H:\TURBO6\6890-07\7b61101.raw
ICM66VG	0.05	H:\TURBO6\6890-07\7b61100.raw
ICM66VF	0.10	H:\TURBO6\6890-07\7b62001.raw
ICM66VE	0.25	H:\TURBO6\6890-07\7b61098.raw
ICM66VK	0.5	H:\TURBO6\6890-07\7b61097.raw
ICM66VC	1.0	H:\TURBO6\6890-07\7b61096.raw
ICM66VB	2.0	H:\TURBO6\6890-07\7b61095.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2*((Amt)^2) + b

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 B

Date(s) Analyzed:

Column: ZB-35

06/23/2008 to 06/24/2008

LEVEL						INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
					(+/-)		
TMX	1.64	1.64	1.64	1.64	0.08	1.56	1.72
AR1016-A	2.03	2.03	2.03	2.03	0.08	1.95	2.11
AR1016-B	2.34	2.34	2.34	2.34	0.08	2.26	2.42
AR1016-C	2.65	2.65	2.65	2.65	0.08	2.57	2.73
AR1016-D	2.76	2.76	2.76	2.76	0.08	2.68	2.84
AR1260-A	4.80	4.80	4.80	4.80	0.08	4.72	4.88
AR1260-B	4.94	4.94	4.94	4.94	0.08	4.86	5.02
AR1260-C	5.27	5.27	5.27	5.27	0.08	5.19	5.35
AR1260-D	5.67	5.68	5.67	5.67	0.08	5.59	5.75
DCBP	6.33	6.33	6.33	6.33	0.08	6.25	6.41

FORM VIB PCB

6A

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo
 Instrument: HP6890-07 B Date(s) Analyzed: 06/23/2008 to 06/25/2008
 Column: ZB-35

COMPOUND	LEVEL (ng/ul)		Calibration Factor	File ID:	Date	Time
	Area	0.5				
AR1221	1223594		2447188	H:\TURBO6\6890-07\7b61081.raw	06/23/2008	16:57
AR1232	1991341		3982682	H:\TURBO6\6890-07\7b61083.raw	06/23/2008	17:34
AR1242	3675744		7351488	H:\TURBO6\6890-07\7b61085.raw	06/23/2008	18:11
AR1248	3975786		7951572	H:\TURBO6\6890-07\7b61087.raw	06/23/2008	18:47
AR1254	5556997		11113994	H:\TURBO6\6890-07\7b61089.raw	06/23/2008	19:23
AR1262	7219314		14438628	H:\TURBO6\6890-07\7b62004.raw	06/25/2008	09:23
AR1268	11578881		23157762	H:\TURBO6\6890-07\7b61093.raw	06/23/2008	20:36

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Instrument: HP6890-07 B

Date(s) Analyzed:

Column: ZB-35

06/23/2008

to

06/25/2008

COMPOUND	Retention Time	WINDOW (+/-)	INITIAL WINDOW	
			From	To
AR1221-A	1.37	0.08	1.29	1.45
AR1221-B	1.79	0.08	1.71	1.87
AR1221-C	1.88	0.08	1.80	1.96
AR1221-D	2.03	0.08	1.95	2.11
AR1232-A	2.34	0.08	2.26	2.42
AR1232-B	2.65	0.08	2.57	2.73
AR1232-C	2.76	0.08	2.68	2.84
AR1232-D	2.85	0.08	2.77	2.93
AR1242-A	2.03	0.08	1.95	2.11
AR1242-B	2.34	0.08	2.26	2.42
AR1242-C	2.65	0.08	2.57	2.73
AR1242-D	2.76	0.08	2.68	2.84
AR1248-A	3.13	0.08	3.05	3.21
AR1248-B	3.23	0.08	3.15	3.31
AR1248-C	3.37	0.08	3.29	3.45
AR1248-D	3.61	0.08	3.53	3.69
AR1254-A	3.92	0.08	3.84	4.00
AR1254-B	4.06	0.08	3.98	4.14
AR1254-C	4.18	0.08	4.10	4.26
AR1254-D	4.49	0.08	4.41	4.57
AR1262-A	4.07	0.08	3.99	4.15
AR1262-B	4.80	0.08	4.72	4.88
AR1262-C	4.94	0.08	4.86	5.02
AR1262-D	5.27	0.08	5.19	5.35
AR1268-A	5.27	0.08	5.19	5.35
AR1268-B	5.50	0.08	5.42	5.58
AR1268-C	5.68	0.08	5.60	5.76
AR1268-D	6.01	0.08	5.93	6.09

FORM VIB PCB

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:
 Instrument: HP5890-12 A Date(s) Analyzed:
 Column: ZB-5 03/14/2008 to 03/14/2008

COMPOUND	LEVEL (ng/ul)										Curve	R Squared	m ₁	m ₂	b
	0.025	0.05	0.1	0.25	0.5	1.0	2.0	Area							
AR1016	57336	91793	173564	408672	709996	1515890	2810954				1st	0.997689	1430507	0	
AR1260	78066	131338	241464	573464	977228	2083414	3878817				1st	0.997685	1972668	0	
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05									
TMX	39811	79823	161100	235949	335093	421448					1st	0.997647	8284866	0	
DCBP	45084	83543	154760	208559	282562	341982					1st	0.991261	7025230	0	

Name	Level	File ID:
ICM66TE	0.025	H:\TURBO6\5890-12\12a21031.raw
ICM66TG	0.05	H:\TURBO6\5890-12\12a21030.raw
ICM66TF	0.10	H:\TURBO6\5890-12\12a21029.raw
ICM66TE	0.25	H:\TURBO6\5890-12\12a21028.raw
ICM66UA	0.5	H:\TURBO6\5890-12\12a21027.raw
ICM66TD	1.0	H:\TURBO6\5890-12\12a21026.raw
ICM66TC	2.0	H:\TURBO6\5890-12\12a21025.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2*((Amt)^2) + b

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP5890-12 A

Date(s) Analyzed:

Column: ZB-5

03/14/2008 to 03/14/2008

LEVEL						INITIAL	WINDOW
COMPOUND	A	C	E	AVER T	WINDOW	From	To
					(+/-)		
TMX	1.62	1.62	1.62	1.62	0.08	1.54	1.70
AR1016-A	2.25	2.24	2.89	2.46	0.08	2.38	2.54
AR1016-B	2.42	2.42	0.00	1.61	0.08	1.53	1.69
AR1016-C	2.82	2.81	0.00	1.88	0.08	1.80	1.96
AR1016-D	2.89	2.89	0.00	1.93	0.08	1.85	2.01
AR1260-A	4.19	4.18	4.18	4.18	0.08	4.10	4.26
AR1260-B	4.53	4.53	4.53	4.53	0.08	4.45	4.61
AR1260-C	4.75	4.75	4.74	4.75	0.08	4.67	4.83
AR1260-D	5.17	5.17	5.17	5.17	0.08	5.09	5.25
DCBP	5.64	5.64	5.64	5.64	0.08	5.56	5.72

FORM VIB PCB

6A

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo
 Instrument: HP5890-12 A Date(s) Analyzed: 03/14/2008 to 03/14/2008
 Column: ZB-35

COMPOUND	LEVEL (ng/ul)		Calibration Factor	File ID:	Date	Time
	0.5	Area				
AR1221	248992	497984		H:\TURBO6\5890-12\12a21011.raw	03/14/2008	11:24
AR1232	421746	843492		H:\TURBO6\5890-12\12a21013.raw	03/14/2008	11:52
AR1242	701373	1402746		H:\TURBO6\5890-12\12a21015.raw	03/14/2008	12:21
AR1248	901654	1803308		H:\TURBO6\5890-12\12a21017.raw	03/14/2008	12:49
AR1254	1356387	2712774		H:\TURBO6\5890-12\12a21019.raw	03/14/2008	13:18
AR1262	1264055	2528110		H:\TURBO6\5890-12\12a21021.raw	03/14/2008	13:46
AR1268	1897503	3795006		H:\TURBO6\5890-12\12a21023.raw	03/14/2008	14:15

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Instrument: HP5890-12 A Date(s) Analyzed:

Column: ZB-35 03/14/2008 to 03/14/2008

COMPOUND	Retention Time	WINDOW (+/-)	INITIAL WINDOW	
			From	To
AR1221-A	1.26	0.08	1.18	1.34
AR1221-B	1.48	0.08	1.40	1.56
AR1221-C	1.74	0.08	1.66	1.82
AR1221-D	1.84	0.08	1.76	1.92
AR1232-A	2.12	0.08	2.04	2.20
AR1232-B	2.25	0.08	2.17	2.33
AR1232-C	2.42	0.08	2.34	2.50
AR1232-D	2.82	0.08	2.74	2.90
AR1242-A	1.84	0.08	1.76	1.92
AR1242-B	2.12	0.08	2.04	2.20
AR1242-C	2.24	0.08	2.16	2.32
AR1242-D	2.42	0.08	2.34	2.50
AR1248-A	2.49	0.08	2.41	2.57
AR1248-B	2.81	0.08	2.73	2.89
AR1248-C	2.89	0.08	2.81	2.97
AR1248-D	3.09	0.08	3.01	3.17
AR1254-A	3.26	0.08	3.18	3.34
AR1254-B	3.53	0.08	3.45	3.61
AR1254-C	3.70	0.08	3.62	3.78
AR1254-D	4.06	0.08	3.98	4.14
AR1262-A	3.86	0.08	3.78	3.94
AR1262-B	4.06	0.08	3.98	4.14
AR1262-C	4.18	0.08	4.10	4.26
AR1262-D	4.53	0.08	4.45	4.61
AR1268-A	4.41	0.08	4.33	4.49
AR1268-B	5.04	0.08	4.96	5.12
AR1268-C	5.17	0.08	5.09	5.25
AR1268-D	5.43	0.08	5.35	5.51

FORM VIB PCB

PCB INITIAL CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:
 Instrument: HP5890-12 B Date(s) Analyzed:
 Column: ZB-35 03/14/2008 to 03/14/2008

LEVEL (ng/ul)												
COMPOUND	0.025	0.05	0.1	0.25	0.5	1.0	2.0	Curve	R Squared	m ₁	m ₂	b
AR1016	118084	192348	359581	803834	1386418	2873091	5271865	1st	0.996366	2696306		0
AR1260	147693	255980	470607	1102998	1877113	3991216	7454614	1st	0.997766	3788908		0
COMPOUND	0.005	0.01	0.02	0.03	0.04	0.05						
TMX	83866	154267	307876	436222	601526	728385		1st	0.998227	14784882		0
DCBP	76052	144734	273069	373472	508086	613809		1st	0.994161	12580454		0

Name	Level	File ID:
ICM66TE	0.025	H:\TURBO6\5890-12\12B21031.raw
ICM66TG	0.05	H:\TURBO6\5890-12\12B21030.raw
ICM66TF	0.10	H:\TURBO6\5890-12\12B21029.raw
ICM66TE	0.25	H:\TURBO6\5890-12\12B21028.raw
ICM66JA	0.5	H:\TURBO6\5890-12\12B21027.raw
ICM66TD	1.0	H:\TURBO6\5890-12\12B21026.raw
ICM66TC	2.0	H:\TURBO6\5890-12\12B21025.raw

Curve	Formula
1st Order	Area = Amt*m1 + b
2nd Order	Area = m1*Amt + m2((Amt)^2) + b

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Contract:

Instrument: HP5890-12 B

Date(s) Analyzed:

Column: ZB-35

03/14/2008 to 03/14/2008

LEVEL						INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
					(+/-)		
TMX	1.29	1.29	1.29	1.29	0.08	1.21	1.37
AR1016-A	2.15	2.15	2.15	2.15	0.08	2.07	2.23
AR1016-B	2.25	2.25	2.25	2.25	0.08	2.17	2.33
AR1016-C	2.58	2.58	2.58	2.58	0.08	2.50	2.66
AR1016-D	2.66	2.66	2.66	2.66	0.08	2.58	2.74
AR1260-A	4.07	4.07	4.06	4.07	0.08	3.99	4.15
AR1260-B	4.20	4.20	4.19	4.20	0.08	4.12	4.28
AR1260-C	4.49	4.49	4.49	4.49	0.08	4.41	4.57
AR1260-D	4.85	4.85	4.85	4.85	0.08	4.77	4.93
DCBP	5.30	5.30	5.30	5.30	0.08	5.22	5.38

2.0

FORM VIB PCB

6A

PCB SINGLE POINT CALIBRATION OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo
 Instrument: HP5890-12 B Date(s) Analyzed: 03/14/2008 to 03/14/2008
 Column: ZB-5

COMPOUND	LEVEL (ng/ul)		Calibration Factor	File ID:	Date	Time
	0.5	Area				
AR1221	478471	956942		H:\TURBO6\5890-12\12B21011.raw	03/14/2008	11:24
AR1232	829874	1659748		H:\TURBO6\5890-12\12B21013.raw	03/14/2008	11:52
AR1242	1364381	2728762		H:\TURBO6\5890-12\12B21015.raw	03/14/2008	12:21
AR1248	1481476	2962952		H:\TURBO6\5890-12\12B21017.raw	03/14/2008	12:49
AR1254	2209636	4419272		H:\TURBO6\5890-12\12B21019.raw	03/14/2008	13:18
AR1262	2221050	4442100		H:\TURBO6\5890-12\12B21021.raw	03/14/2008	13:46
AR1268	4495433	8990866		H:\TURBO6\5890-12\12B21023.raw	03/14/2008	14:15

FORM VIA PCB

6B

PCB INITIAL RT WINDOW OF MULTI-COMPONENT ANALYTES

Lab Name: TAL Buffalo

Instrument: HP5890-12 B

Date(s) Analyzed:

Column:

ZB-5

03/14/2008

to

03/14/2008

COMPOUND	Retention Time	WINDOW (+/-)	INITIAL WINDOW	
			From	To
AR1221-A	1.07	0.08	0.99	1.15
AR1221-B	1.41	0.08	1.33	1.49
AR1221-C	1.49	0.08	1.41	1.57
AR1221-D	1.62	0.08	1.54	1.70
AR1232-A	1.89	0.08	1.81	1.97
AR1232-B	2.15	0.08	2.07	2.23
AR1232-C	2.25	0.08	2.17	2.33
AR1232-D	2.58	0.08	2.50	2.66
AR1242-A	1.62	0.08	1.54	1.70
AR1242-B	1.89	0.08	1.81	1.97
AR1242-C	2.15	0.08	2.07	2.23
AR1242-D	2.25	0.08	2.17	2.33
AR1248-A	2.58	0.08	2.50	2.66
AR1248-B	2.66	0.08	2.58	2.74
AR1248-C	2.79	0.08	2.71	2.87
AR1248-D	3.00	0.08	2.92	3.08
AR1254-C	3.51	0.08	3.43	3.59
AR1254-C	3.51	0.08	3.43	3.59
AR1254-C	3.51	0.08	3.43	3.59
AR1254-C	2.0	0.08	1.92	2.08
AR1262-A	3.41	0.08	3.33	3.49
AR1262-B	3.41	0.08	3.33	3.49
AR1262-C	3.41	0.08	3.33	3.49
AR1262-D	3.41	0.08	3.33	3.49
AR1268-C	4.69	0.08	4.61	4.77
AR1268-C	4.69	0.08	4.61	4.77
AR1268-C	4.69	0.08	4.61	4.77
AR1268-C	4.69	0.08	4.61	4.77

FORM VIB PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP5890-12 A

ICAL Date(s) Analyzed:

Column: ZB-5

03/14/2008 to: 03/14/2008

CCV ID: CCV

Date/Time: 07/08/2008 08:01

FILE ID: H:\TURBO6\5890-12\12a36014.rst

COMPOUND	RT	DAILY	WINDOW	Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.61	1.53	1.69	0.0299	0.0300	-0.3
AR1016	2.41	2.33	2.49	0.4962	0.500	-0.8
AR1260	4.53	4.45	4.61	0.4644	0.500	-7.1
DCBP	5.64	5.56	5.72	0.0292	0.0300	-2.7

Ave %D = 2.7

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP5890-12 A

ICAL Date(s) Analyzed:

Column: ZB-5

03/14/2008 to: 03/14/2008

CCV ID: CCV

Date/Time: 07/08/2008 13:19

FILE ID: H:\TURBO6\5890-12\12a36026.rst

COMPOUND	RT	DAILY	WINDOW	Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.61	1.53	1.69	0.0307	0.0300	2.4
AR1016	2.41	2.33	2.49	0.5154	0.500	3.1
AR1260	4.52	4.44	4.60	0.4640	0.500	-7.2
DCBP	5.63	5.55	5.71	0.0298	0.0300	-0.7

Ave %D = 3.3

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP5890-12 A

ICAL Date(s) Analyzed:

Column: ZB-5

03/14/2008 to: 03/14/2008

CCV ID: CCV

Date/Time: 07/08/2008 15:14

FILE ID: H:\TURBO6\5890-12\12a36034.rst

COMPOUND	RT	DAILY	WINDOW	Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.61	1.53	1.69	0.0310	0.0300	3.4
AR1016	2.41	2.33	2.49	0.5127	0.500	2.5
AR1260	4.52	4.44	4.60	0.4510	0.500	-9.8
DCBP	5.63	5.55	5.71	0.0288	0.0300	-4.1

Ave %D = 5.0

* Value >15.0% Difference

FORM VII PCB

7A

CONFIRMATION
COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP5890-12 B

ICAL Date(s) Analyzed:

Column: ZB-35

03/14/2008 to: 03/14/2008

CCV ID: CCV

Date/Time: 07/08/2008 08:01

FILE ID: H:\TURBO6\5890-12\12b36014.rst

COMPOUND	RT	DAILY	WINDOW	Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.28	1.20	1.36	0.0301	0.0300	0.5
AR1016	2.14	2.06	2.22	0.5255	0.500	5.1
AR1260	4.18	4.10	4.26	0.5336	0.500	6.7
DCBP	5.28	5.20	5.36	0.0316	0.0300	5.4

Ave %D = 4.4

* Value >15.0% Difference

CONFIRMATION
COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP5890-12 B

ICAL Date(s) Analyzed:

Column: ZB-35

03/14/2008 to: 03/14/2008

CCV ID: CCV

Date/Time: 07/08/2008 13:19

FILE ID: H:\TURBO6\5890-12\12b36026.rst

COMPOUND	RT	DAILY	WINDOW	Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.28	1.20	1.36	0.0309	0.0300	2.9
AR1016	2.14	2.06	2.22	0.5388	0.500	7.8
AR1260	4.18	4.10	4.26	0.5248	0.500	5.0
DCBP	5.28	5.20	5.36	0.0308	0.0300	2.5

Ave %D = 4.5

* Value >15.0% Difference

7A

CONFIRMATION
COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP5890-12 B

ICAL Date(s) Analyzed:

Column: ZB-35

03/14/2008 to: 03/14/2008

CCV ID: CCV

Date/Time: 07/08/2008 15:14

FILE ID: H:\TURBO6\5890-12\12b36034.rst

COMPOUND	RT	DAILY	WINDOW	Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.28	1.20	1.36	0.0310	0.0300	3.3
AR1016	2.14	2.06	2.22	0.5351	0.500	7.0
AR1260	4.18	4.10	4.26	0.4927	0.500	-1.5
DCBP	5.28	5.20	5.36	0.0290	0.0300	-3.2

Ave %D = 3.8

* Value >15.0% Difference

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 A

ICAL Date(s) Analyzed:

Column: ZB-5

06/23/2008 to: 06/24/2008

CCV ID: ICM66VL

Date/Time: 07/02/2008 10:57

FILE ID: H:\TURBO6\6890-07\7a63101.rst

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	2.00	1.92	2.08	0.0314	0.0300	4.7
AR1016	2.92	2.84	3.00	0.4657	0.500	-6.9
AR1260	5.28	5.20	5.36	0.4567	0.500	-8.7
DCBP	6.87	6.79	6.95	0.0291	0.0300	-3.0

Ave %D = 5.8

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

CONFIRMATION
COLUMN

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 A

ICAL Date(s) Analyzed:

Column: ZB-5

06/23/2008 to: 06/24/2008

CCV ID: ICM66VL

Date/Time: 07/02/2008 13:19

FILE ID: H:\TURBO6\6890-07\7a63108.rst

COMPOUND	RT	DAILY	WINDOW	Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	2.00	1.92	2.08	0.0346	0.0300	15.4 *
AR1016	2.92	2.84	3.00	0.5180	0.500	3.6
AR1260	5.28	5.20	5.36	0.5030	0.500	0.6
DCBP	6.87	6.79	6.95	0.0314	0.0300	4.8

Ave %D = 6.1

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 B

ICAL Date(s) Analyzed:

Column: ZB-35

06/23/2008 to: 06/24/2008

CCV ID: ICM66VL

Date/Time: 07/02/2008 10:57

FILE ID: H:\TURBO6\6890-07\7b63101.rst

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.64	1.56	1.72	0.0321	0.0300	6.8
AR1016	2.65	2.57	2.73	0.4747	0.500	-5.1
AR1260	4.93	4.85	5.01	0.4412	0.500	-11.8
DCBP	6.33	6.25	6.41	0.0280	0.0300	-6.7

Ave %D = 7.6

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 B

ICAL Date(s) Analyzed:

Column: ZB-35

06/23/2008 to: 06/24/2008

CCV ID: ICM66VL

Date/Time: 07/02/2008 13:19

FILE ID: H:\TURBO6\6890-07\7b63108.rst

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.64	1.56	1.72	0.0324	0.0300	7.9
AR1016	2.65	2.57	2.73	0.4830	0.500	-3.4
AR1260	4.93	4.85	5.01	0.4784	0.500	-4.3
DCBP	6.33	6.25	6.41	0.0302	0.0300	0.5

Ave %D = 4.0

* Value >15.0% Difference

7A

CONFIRMATION
COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 A

ICAL Date(s) Analyzed:

Column: ZB-5

06/23/2008 to: 06/24/2008

CCV ID: ICM66VL

Date/Time: 07/03/2008 09:17

FILE ID: H:\TURBO6\6890-07\7A63112.rst

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	2.00	1.92	2.08	0.0402	0.0300	33.9 *
AR1016	2.91	2.83	2.99	0.6065	0.500	21.3 *
AR1260	5.28	5.20	5.36	0.5580	0.500	11.6
DCBP	6.87	6.79	6.95	0.0335	0.0300	11.8

Ave %D = 19.7

* Value >15.0% Difference

7A

CONFIRMATION COLUMN

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 A

ICAL Date(s) Analyzed:

Column: ZB-5

06/23/2008 to: 06/24/2008

CCV ID: ICM66VL

Date/Time: 07/03/2008 13:34

FILE ID: H:\TURBO6\6890-07\7A63124.rst

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	2.00	1.92	2.08	0.0408	0.0300	36.0 *
AR1016	2.91	2.83	2.99	0.6091	0.500	21.8 *
AR1260	5.28	5.20	5.36	0.4308	0.500	-13.8
DCBP	6.86	6.78	6.94	0.0320	0.0300	6.7

Ave %D = 19.6

* Value >15.0% Difference

CONFIRMATION
COLUMN

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 A

ICAL Date(s) Analyzed:

Column: ZB-5

06/23/2008 to: 06/24/2008

CCV ID: ICM66VK

Date/Time: 07/03/2008 16:00

FILE ID: H:\TURBO6\6890-07\7A63132.rst

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	2.00	1.92	2.08	0.0416	0.0300	38.5 *
AR1016	2.91	2.83	2.99	0.6211	0.500	24.2 *
AR1260	5.28	5.20	5.36	0.5706	0.500	14.1
DCBP	6.87	6.79	6.95	0.0343	0.0300	14.2

Ave %D = 22.8

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 A

ICAL Date(s) Analyzed:

Column: ZB-5

06/23/2008 to: 06/24/2008

CCV ID: ICM66VL

Date/Time: 07/03/2008 17:50

FILE ID: H:\TURBO6\6890-07\7a63138.rst

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	2.00	1.92	2.08	0.0412	0.0300	37.2 *
AR1016	2.91	2.83	2.99	0.6146	0.500	22.9 *
AR1260	5.28	5.20	5.36	0.4401	0.500	-12.0
DCBP	6.86	6.78	6.94	0.0275	0.0300	-8.3

Ave %D = 20.1

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 B

ICAL Date(s) Analyzed:

Column: ZB-35

06/23/2008 to: 06/24/2008

CCV ID: ICM66VK

Date/Time: 07/03/2008 16:00

FILE ID: H:\TURBO6\6890-07\7B63132.rst

COMPOUND	RT	DAILY	WINDOW	Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.64	1.56	1.72	0.0336	0.0300	12.1
AR1016	2.65	2.57	2.73	0.5019	0.500	0.4
AR1260	4.94	4.86	5.02	0.5055	0.500	1.1
DCBP	6.33	6.25	6.41	0.0317	0.0300	5.5

Ave %D = 4.8

* Value >15.0% Difference

FORM VII PCB

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 B

ICAL Date(s) Analyzed:

Column: ZB-35

06/23/2008 to: 06/24/2008

CCV ID: ICM66VL

Date/Time: 07/03/2008 09:17

FILE ID: H:\TURBO6\6890-07\7B63112.rst

COMPOUND	RT	DAILY	WINDOW	Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.64	1.56	1.72	0.0327	0.0300	9.0
AR1016	2.65	2.57	2.73	0.4859	0.500	-2.8
AR1260	4.93	4.85	5.01	0.4897	0.500	-2.1
DCBP	6.33	6.25	6.41	0.0307	0.0300	2.4

Ave %D = 4.1

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 B

ICAL Date(s) Analyzed:

Column: ZB-35

06/23/2008 to: 06/24/2008

CCV ID: ICM66VL

Date/Time: 07/03/2008 13:34

FILE ID: H:\TURBO6\6890-07\7B63124.rst

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.64	1.56	1.72	0.0331	0.0300	10.4
AR1016	2.65	2.57	2.73	0.4919	0.500	-1.6
AR1260	4.94	4.86	5.02	0.4945	0.500	-1.1
DCBP	6.33	6.25	6.41	0.0311	0.0300	3.7

Ave %D = 4.2

* Value >15.0% Difference

7A

PCB CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo

Contract:

Instrument: HP6890-07 B

ICAL Date(s) Analyzed:

Column: ZB-35

06/23/2008 to: 06/24/2008

CCV ID: ICM66VL

Date/Time: 07/03/2008 17:50

FILE ID: H:\TURBO6\6890-07\7b63138.rst

COMPOUND	RT	DAILY WINDOW		Calc Amt.(ng)	Expected Amt.(ng)	% D
		From	To			
TMX	1.64	1.56	1.72	0.0333	0.0300	11.1
AR1016	2.65	2.57	2.73	0.4964	0.500	-0.7
AR1260	4.93	4.85	5.01	0.4209	0.500	-15.8 *
DCBP	6.33	6.25	6.41	0.0264	0.0300	-12.1

Ave %D = 9.9

* Value >15.0% Difference

FORM VII PCB

TotalChrom Method File H:\TURBO6\6890-0707A66(06-23-08).mth <Modified>

Printed by : RudzG on: 06/24/2008 17:12:58
 Created by : DelongG on: 06/24/2008 08:14:56
 Edited by : RudzG on: 06/24/2008 17:12:58
 Number of Times Edited : 4
 Number of Times Calibrated : 542
 Description: NEW 7 PT. 1016/1260 CURVE FOR INST #7 06/23/08.

Global Sample Information

Default Sample Volume : 1.000 uL
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

TMX
 Component Type : Single Peak Component
 Retention Time : 1.999 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

User Values

Label :
 Value 1 : 0.030000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.020000
 Value 6 : -1.000000
 Value 7 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	258833.69	171624.78	-----	-----	1
B	0.0100	512931.18	341799.89	-----	-----	1
C	0.0200	1054505.48	703050.36	-----	-----	1
D	0.0300	1562606.95	1.04e+06	-----	-----	1
E	0.0400	2187578.25	1.45e+06	-----	-----	1
F	0.0500	2704240.05	1.75e+06	-----	-----	1

Average Calibration Factor = 5.277438e+07 (%RSD = 2.55)

AR1016-A

Component Type : Single Peak Component
 Retention Time : 2.568 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	112233.57	44922.54	-----	-----	1
b	0.1000	204965.89	82150.73	-----	-----	1
c	0.2500	476154.81	195419.83	-----	-----	1
d	0.5000	854635.48	353788.62	-----	-----	1
e	1.0000	1853569.00	781853.88	-----	-----	1
f	2.0000	3564129.82	1.51e+06	-----	-----	1
H	0.0250	50952.12	21534.05	-----	-----	1

Average Calibration Factor = 1.940277e+06 (%RSD = 9.44)

06/24/2008 17:12:58 Method: H:\TURBO6\6890-07\07A66(06-23-08).mth

AR1016-B

Component Type : Single Peak Component
 Retention Time : 2.716 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	67574.62	36146.71	-----	-----	1
b	0.1000	125683.09	67583.79	-----	-----	1
c	0.2500	289537.94	159919.57	-----	-----	1
d	0.5000	517570.99	290724.79	-----	-----	1
e	1.0000	1132121.24	650823.18	-----	-----	1
f	2.0000	2196112.54	1.28e+06	-----	-----	1
H	0.0250	30370.67	17465.09	-----	-----	1

Average Calibration Factor = 1.178089e+06 (%RSD = 8.97)

AR1016-C

Component Type : Single Peak Component
 Retention Time : 2.916 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	197544.52	87996.73	-----	-----	1
b	0.1000	385572.91	174622.54	-----	-----	1
c	0.2500	946244.75	437268.78	-----	-----	1
d	0.5000	1740528.38	809054.68	-----	-----	1
e	1.0000	3927976.87	1.84e+06	-----	-----	1
f	2.0000	7801211.68	3.68e+06	-----	-----	1
H	0.0250	93805.90	43292.51	-----	-----	1

Average Calibration Factor = 3.807639e+06 (%RSD = 4.24)

AR1016

Component Type : Named Group

Group Members

AR1016-A
 AR1016-B
 AR1016-C
 AR1016-D

Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.600000
 Value 4 : 0.000000
 Value 5 : 0.250000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	471813.98	217093.15	-----	-----	1
b	0.1000	904952.68	419390.48	-----	-----	1
c	0.2500	2098080.10	1.00e+06	-----	-----	1
d	0.5000	3779092.95	1.83e+06	-----	-----	1
e	1.0000	8369827.82	4.10e+06	-----	-----	1
f	2.0000	16394709.66	8.09e+06	-----	-----	1
H	0.0250	212702.17	103803.08	-----	-----	1

06/24/2008 17:12:58 Method: H:\TURBO6\6890-07\07A60(06-23-08).mth

Average Calibration Factor = 8.501655e+06 (%RSD = 7.10)

AR1016-D

Component Type : Single Peak Component
 Retention Time : 3.000 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	94461.27	48027.17	-----	-----	1
b	0.1000	188730.79	95033.41	-----	-----	1
c	0.2500	386142.59	210904.14	-----	-----	1
d	0.5000	666358.10	373105.22	-----	-----	1
e	1.0000	1456160.71	828791.84	-----	-----	1
f	2.0000	2833255.62	1.62e+06	-----	-----	1
h	0.0250	37573.48	21511.43	-----	-----	1

Average Calibration Factor = 1.575650e+06 (%RSD = 14.20)

AR1260-A

Component Type : Single Peak Component
 Retention Time : 5.281 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	204491.75	98212.59	-----	-----	1
b	0.1000	407535.03	196488.13	-----	-----	1
c	0.2500	1010378.96	492820.45	-----	-----	1
d	0.5000	1878263.15	932256.05	-----	-----	1
e	1.0000	4303987.65	2.19e+06	-----	-----	1
f	2.0000	8675164.31	4.43e+06	-----	-----	1
H	0.0250	89518.79	45893.75	-----	-----	1

Average Calibration Factor = 4.026507e+06 (%RSD = 6.82)

AR1260

Component Type : Named Group
 Group Members
 AR1260-A
 AR1260-B
 AR1260-C
 AR1260-D

Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.600000
 Value 4 : 0.000000
 Value 5 : 0.250000

06/24/2008 17:12:58 Method: H:\TURBO6\6890-07\07A66(06-23-08).mth

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	397858.14	185231.59	-----	-----	1
b	0.1000	806388.69	371121.64	-----	-----	1
c	0.2500	1954234.44	925695.24	-----	-----	1
d	0.5000	3598556.66	1.72e+06	-----	-----	1
e	1.0000	8272994.06	4.01e+06	-----	-----	1
f	2.0000	16519858.03	8.01e+06	-----	-----	1
H	0.0250	184451.32	89373.01	-----	-----	1

Average Calibration Factor = 7.849440e+06 (%RSD = 5.34)

AR1260-B

Component Type : Single Peak Component
 Retention Time : 5.520 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	106717.11	48279.07	-----	-----	1
b	0.1000	211272.81	95428.29	-----	-----	1
c	0.2500	509174.13	239900.01	-----	-----	1
d	0.5000	938073.43	447064.80	-----	-----	1
e	1.0000	2136369.16	1.02e+06	-----	-----	1
f	2.0000	4299948.07	2.07e+06	-----	-----	1
H	0.0250	50652.30	23506.15	-----	-----	1

Average Calibration Factor = 2.067478e+06 (%RSD = 4.73)

AR1260-C

Component Type : Single Peak Component
 Retention Time : 5.628 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	48281.82	22545.64	-----	-----	1
b	0.1000	104573.29	45299.96	-----	-----	1
c	0.2500	229173.50	108715.40	-----	-----	1
d	0.5000	417691.88	195216.70	-----	-----	1
e	1.0000	934372.41	443489.12	-----	-----	1
f	2.0000	1858352.40	858471.12	-----	-----	1
H	0.0250	23296.03	11116.98	-----	-----	1

Average Calibration Factor = 936976.701518 (%RSD = 6.68)

AR1260-D

Component Type : Single Peak Component
 Retention Time : 6.075 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

06/24/2008 17:12:58 Method: H:\TURBO6\6890-07\07A66(06-23-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	38367.46	16194.28	-----	-----	1
b	0.1000	83007.55	33905.27	-----	-----	1
c	0.2500	205507.85	84259.38	-----	-----	1
d	0.5000	364528.20	149502.17	-----	-----	1
e	1.0000	898264.84	353580.73	-----	-----	1
f	2.0000	1686393.23	649515.57	-----	-----	1
h	0.0250	20984.20	8856.13	-----	-----	1

Average Calibration Factor = 818477.423413 (%RSD = 6.72)

DCBP

Component Type : Single Peak Component
 Retention Time : 6.868 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.030000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.020000
 Value 6 : 0.005000
 Value 7 : 1.000000

Calibration Level

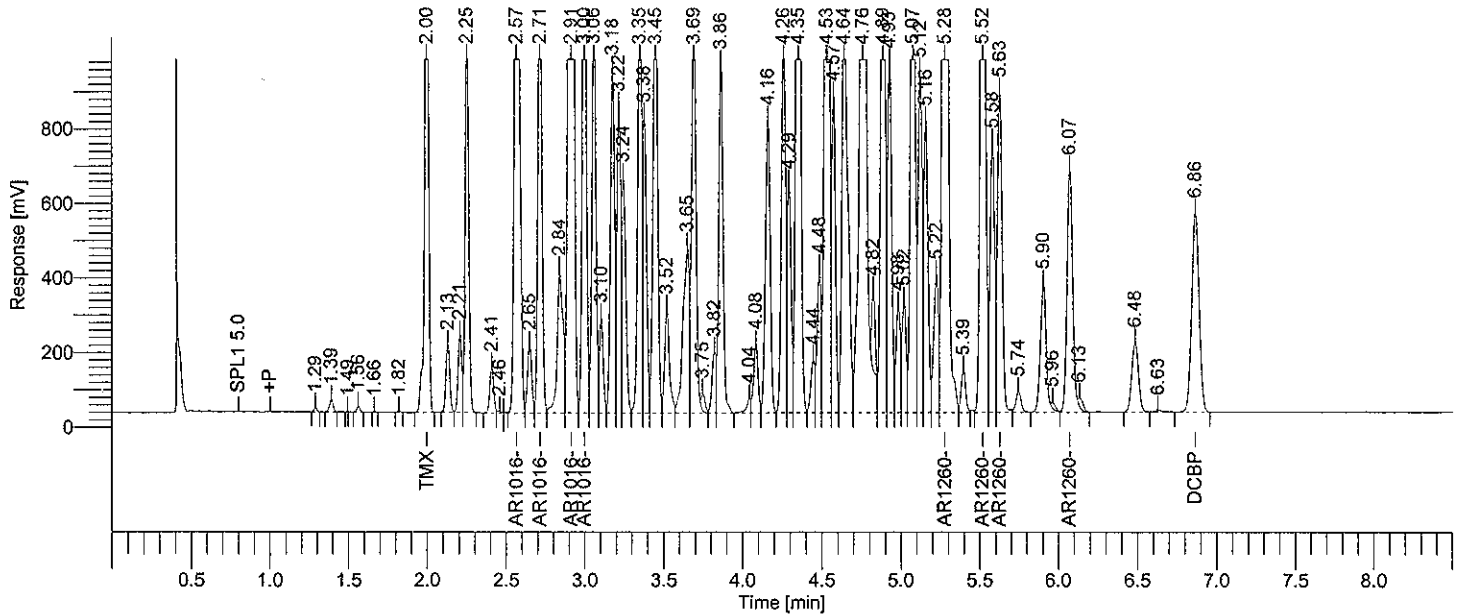
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	188728.97	55965.93	-----	-----	1
B	0.0100	379901.80	111121.06	-----	-----	1
C	0.0200	717409.31	215575.97	-----	-----	1
D	0.0300	1037893.85	315657.66	-----	-----	1
E	0.0400	1424298.05	431781.05	-----	-----	1
F	0.0500	1742487.97	533956.00	-----	-----	1

Average Calibration Factor = 3.611002e+07 (%RSD = 3.99)

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6960
 Operator : tchrom
 Sample Number : 2.0NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 21:13:18

Date : 06/24/2008 16:15:31
 Sample Name : ICM66VB
 Study : ICAL
 Rack/Vial : 1/95
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 15

Raw Data File : H:\TURBO6\6890-07\7a61095.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61095.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7a61095.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61095.rst
 Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a61095.rst
 Report Format File: h:\turbo6\6890-07\7\pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	2.00	BB	2704240	TMX	0.05000	-----	0
	2.91		16394710	AR1016	2.00000	0.50000	4
	5.28		16519858	AR1260	2.00000	0.50000	4
66	6.86	VB	1742488	DCBP	0.05000	-----	0
						37361296	1.00000

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	2.57	VV	3564130	AR1016-A	2.00000	0.50000	4
15	2.71	VV	2196113	AR1016-B	2.00000	0.50000	4
17	2.91	VV	7801212	AR1016-C	2.00000	0.50000	4
18	3.00	VV	2833256	AR1016-D	2.00000	0.50000	4
						16394710	2.00000

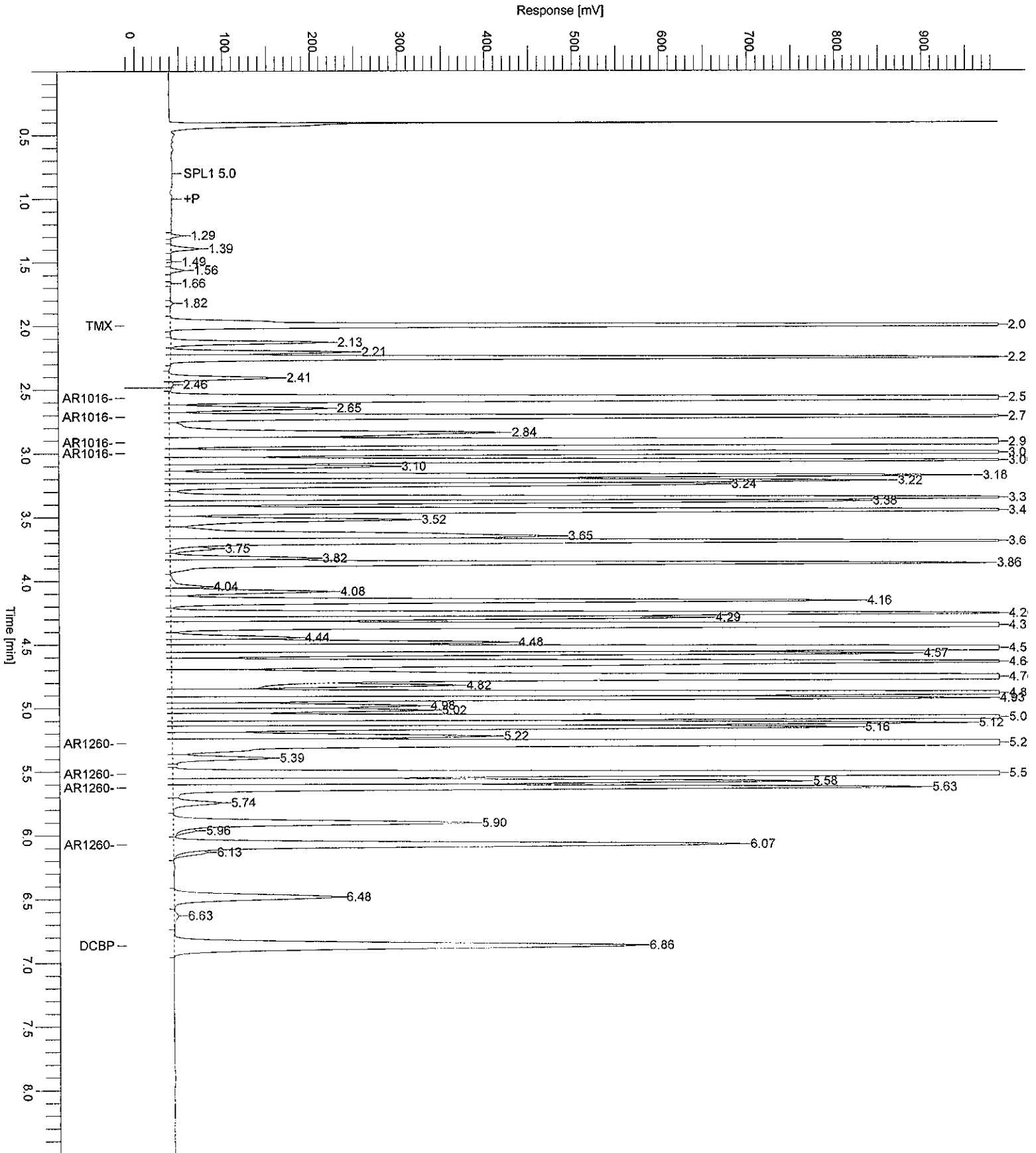
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
54	5.28	VV	8675164	AR1260-A	2.00000	0.50000	4
56	5.52	VV	4299948	AR1260-B	2.00000	0.50000	4
58	5.63	VV	1858352	AR1260-C	2.00000	0.50000	4
62	6.07	VE	1686393	AR1260-D	2.00000	0.50000	4
						16519858	2.00000

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

Sample Name : ICM66VB
FileName : H:\TURBO\06890-07\7a61095.raw
Date : 06/24/2008 16:15:33
Method : 6890-7pcbins
Plot Offset : -12.13 mV

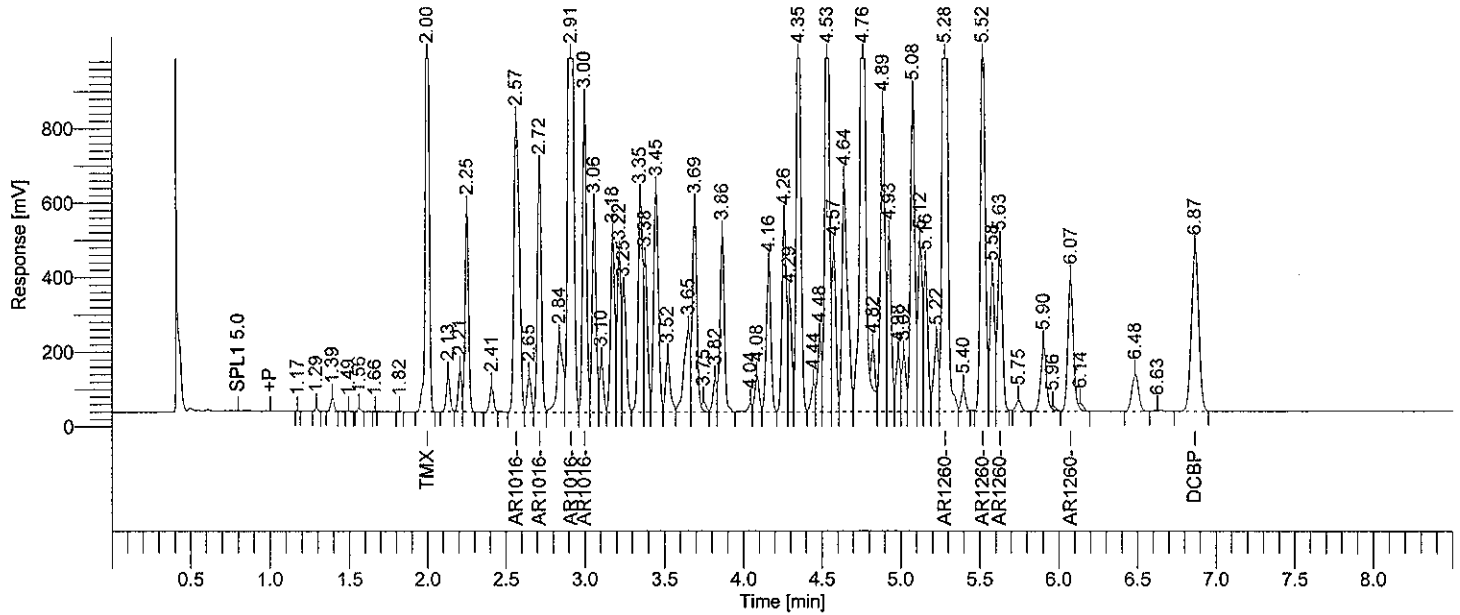
Sample #: 2.0NG Page 1 of 1
Time of Injection: 06/23/2008 21:13:18
End Time : 8.50 min Low Point : -12.13 mV High Point : 987.87 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6962
 Operator : tchrom
 Sample Number : 1.0NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 21:31:27

Date : 06/24/2008 16:15:40
 Sample Name : ICM66VC
 Study : ICAL
 Rack/Vial : 1/96
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 16

Raw Data File : H:\TURBO6\6890-07\7a61096.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61096.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7a61096.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61096.rst
 Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a61096.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	2.00	BB	2187578	TMX	0.04000	---	0
	2.91		8369828	AR1016	1.00000	0.25000	4
	5.28		8272994	AR1260	1.00000	0.25000	4
66	6.87	VB	1424298	DCBP	0.04000	---	0
						20254698	0.50000

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	2.57	VV	1853569	AR1016-A	1.00000	0.25000	4
15	2.72	VV	1132121	AR1016-B	1.00000	0.25000	4
17	2.91	VV	3927977	AR1016-C	1.00000	0.25000	4
18	3.00	VV	1456161	AR1016-D	1.00000	0.25000	4
						8369828	1.00000

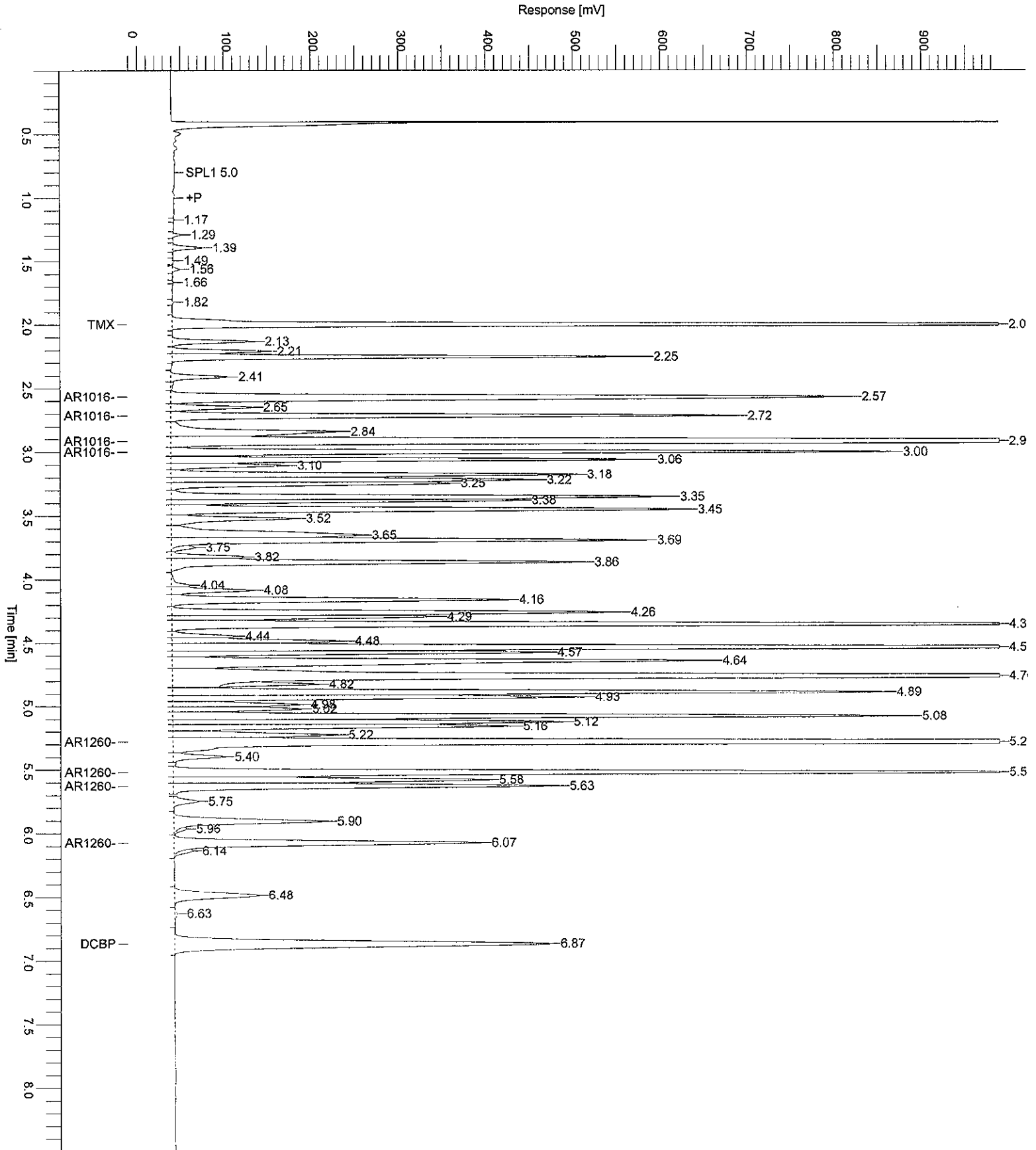
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
54	5.28	VV	4303988	AR1260-A	1.00000	0.25000	4
56	5.52	VV	2136369	AR1260-B	1.00000	0.25000	4
58	5.63	VV	934372	AR1260-C	1.00000	0.25000	4
62	6.07	VE	898265	AR1260-D	1.00000	0.25000	4
						8272994	1.00000

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

Sample Name : ICM66VC
FileName : H:\TURBO\06890-07\7a61096.raw
Date : 06/24/2008 16:15:41
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -11.74 mV

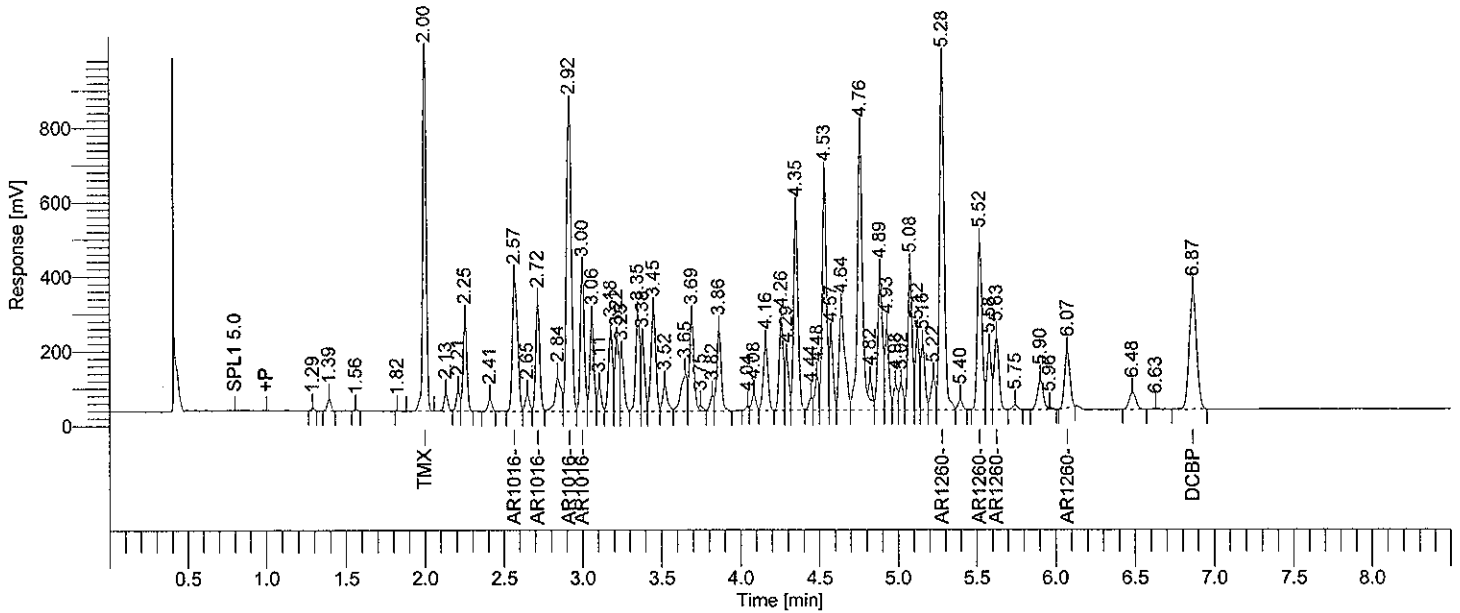
Sample #: 1.0NG
Page 1 of 1
Time of Injection: 06/23/2008 21:31:27
End Time : 8.50 min
Low Point : -11.74 mV
High Point : 988.26 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6964
 Operator : tchom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.00000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 21:49:46

Date : 06/24/2008 16:15:49
 Sample Name : ICM66VK
 Study : ICAL
 Rack/Vial : 1/97
 Channel : A
 A/D mV Range : 1000
 End Time : 12.95 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 17

Raw Data File : H:\TURBO6\6890-07\7a61097.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61097.rst
 Inst Method : h:\turbo6\6890-07\7a61097-7pcbins from H:\TURBO6\6890-07\7a61097.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61097.rst
 Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a61097.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	2.00	VV	1562807	TMX	0.03000		0
	2.92		3779093	AR1016	0.50000	0.12500	4
	5.28		3598557	AR1260	0.50000	0.12500	4
62	6.87	VB	1037894	DCBP	0.03000		0
			9978150			0.25000	

Group Report For : AR1016

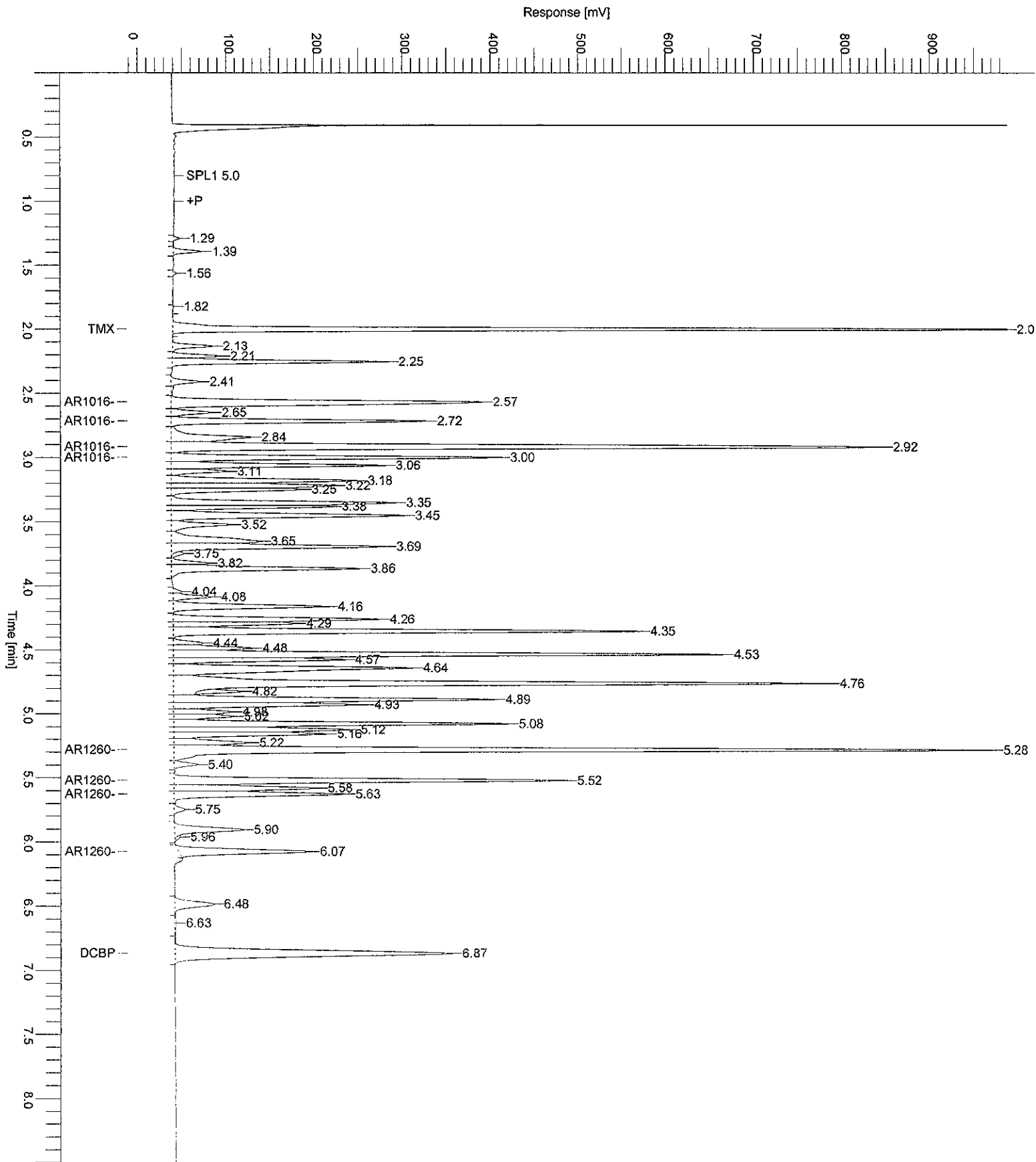
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.57	VV	854635	AR1016-A	0.50000	0.12500	4
12	2.72	VV	517571	AR1016-B	0.50000	0.12500	4
14	2.92	VV	1740528	AR1016-C	0.50000	0.12500	4
15	3.00	VV	666358	AR1016-D	0.50000	0.12500	4
			3779093			0.50000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
51	5.28	VV	1878263	AR1260-A	0.50000	0.12500	4
53	5.52	VV	938073	AR1260-B	0.50000	0.12500	4
55	5.63	VV	417692	AR1260-C	0.50000	0.12500	4
59	6.07	BB	364528	AR1260-D	0.50000	0.12500	4
			3598557			0.50000	

Processed by: RW 6/30/08
 Reviewed by: [Signature] JUN 30 2008

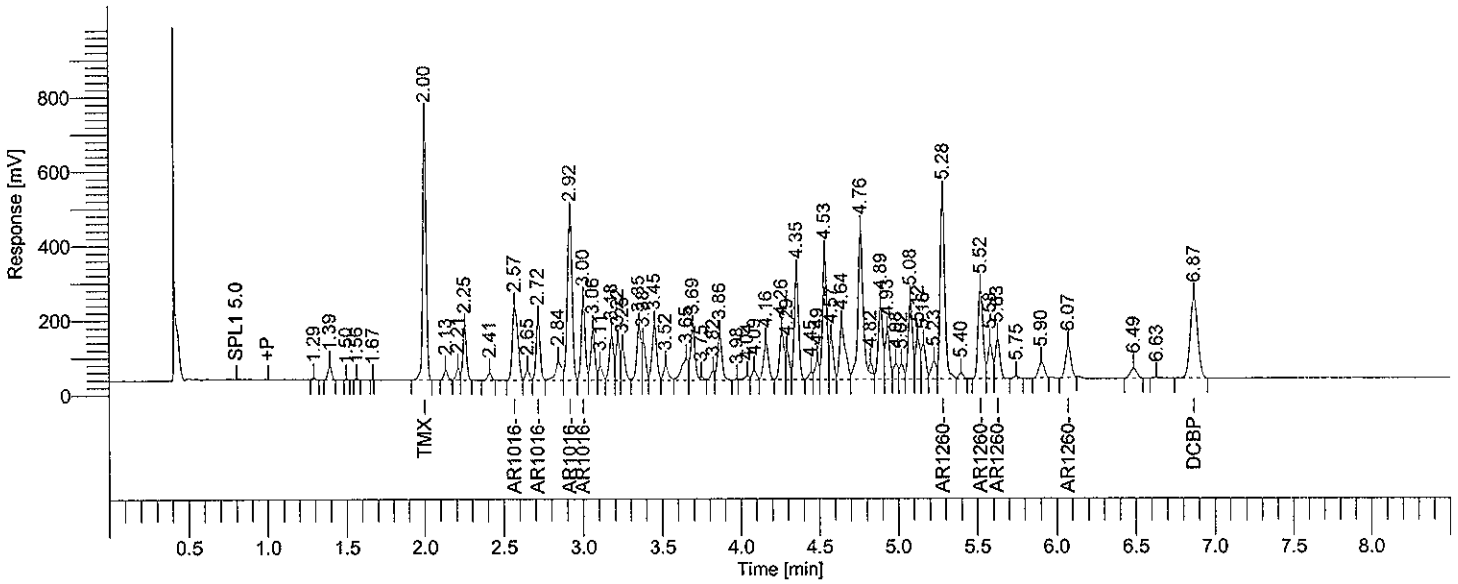
Sample Name : ICM66VK
File Name : H:\TURBO\66890-07\7a61097.raw
Date : 06/24/2008 16:15:50
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -12.31 mV
Sample # : 0.5NG
Page 1 of 1
Time of Injection : 06/23/2008 21:49:46
End Time : 8.50 min
Low Point : -12.31 mV
High Point : 987.69 mV
Plot Scale : 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6966
 Operator : tchrom
 Sample Number : 0.25NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 22:07:57

Date : 06/24/2008 16:15:57
 Sample Name : ICM66VE
 Study : ICAL
 Rack/Vial : 1/98
 Channel : A
 AVD mV Range : 1000
 End Time : 12.95 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 18

Raw Data File : H:\TURBO6\6890-07\7a61098.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61098.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7a61098.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61098.rst
 Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a61098.rst
 Report Format File: h:\turbo6\6890-07\7\pcbamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	2.00	BB	1054505	TMX	0.02000	-----	0
	2.92		2098080	AR1016	0.25000	0.06250	4
	5.28		1954234	AR1260	0.25000	0.06250	4
63	6.87	VB	717409	DCBP	0.02000	-----	0
			5824229			0.12500	

Group Report For : AR1016

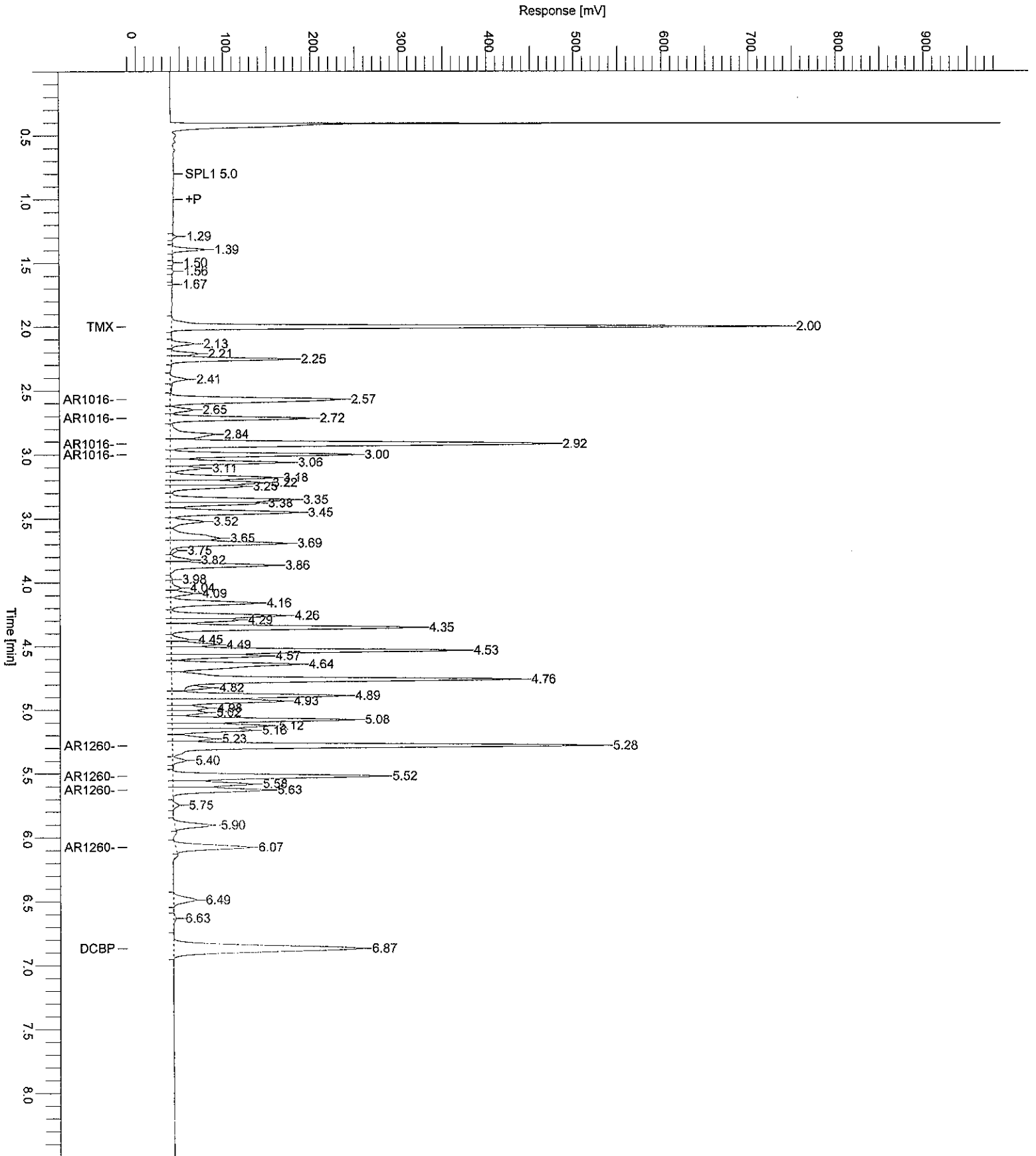
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.57	VV	476155	AR1016-A	0.25000	0.06250	4
13	2.72	VV	289538	AR1016-B	0.25000	0.06250	4
15	2.92	VV	946245	AR1016-C	0.25000	0.06250	4
16	3.00	VV	386143	AR1016-D	0.25000	0.06250	4
			2098080			0.25000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
53	5.28	VV	1010379	AR1260-A	0.25000	0.06250	4
55	5.52	VV	509174	AR1260-B	0.25000	0.06250	4
57	5.63	VV	229173	AR1260-C	0.25000	0.06250	4
60	6.07	BB	205508	AR1260-D	0.25000	0.06250	4
			1954234			0.25000	

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

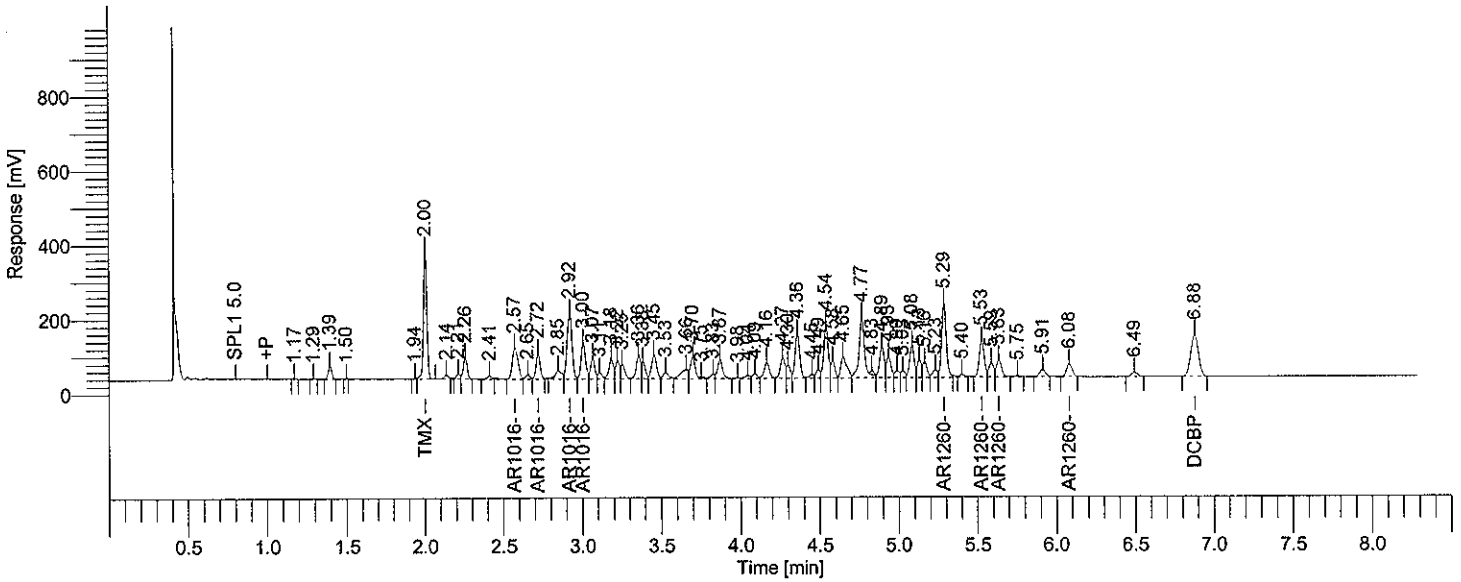
Sample Name : ICM66VE
File Name : H:\TURBO\6890-07\7a61098.raw
Date : 06/24/2008 16:15:58
Method : 6890-7.pcbins
Start Time : 0.00 min
Plot Offset : -11.81 mV
Sample #: 0.25NG
Page 1 of 1
Time of Injection: 06/23/2008 22:07:57
End Time : 8.50 min
Low Point : -11.81 mV
High Point : 988.19 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6976
 Operator : tchrom
 Sample Number : 0.1ng
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/24/2008 16:59:47

Date : 06/24/2008 17:10:27
 Sample Name : ICM66VF
 Study : ICAL
 Rack/Vial : 1/1
 Channel : A
 A/D mV Range : 1000
 End Time : 8.29 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-07\7a62001.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a62001.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7a62001.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a62001.rst
 Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a62001.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-62.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	2.00	VV	512931	TMX	0.01000	-----	0
	2.92		904953	AR1016	0.10000	0.02500	4
	5.29		806389	AR1260	0.10000	0.02500	4
	6.88	BB	379902	DCBP	0.01000	-----	0
			2604174			0.05000	

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

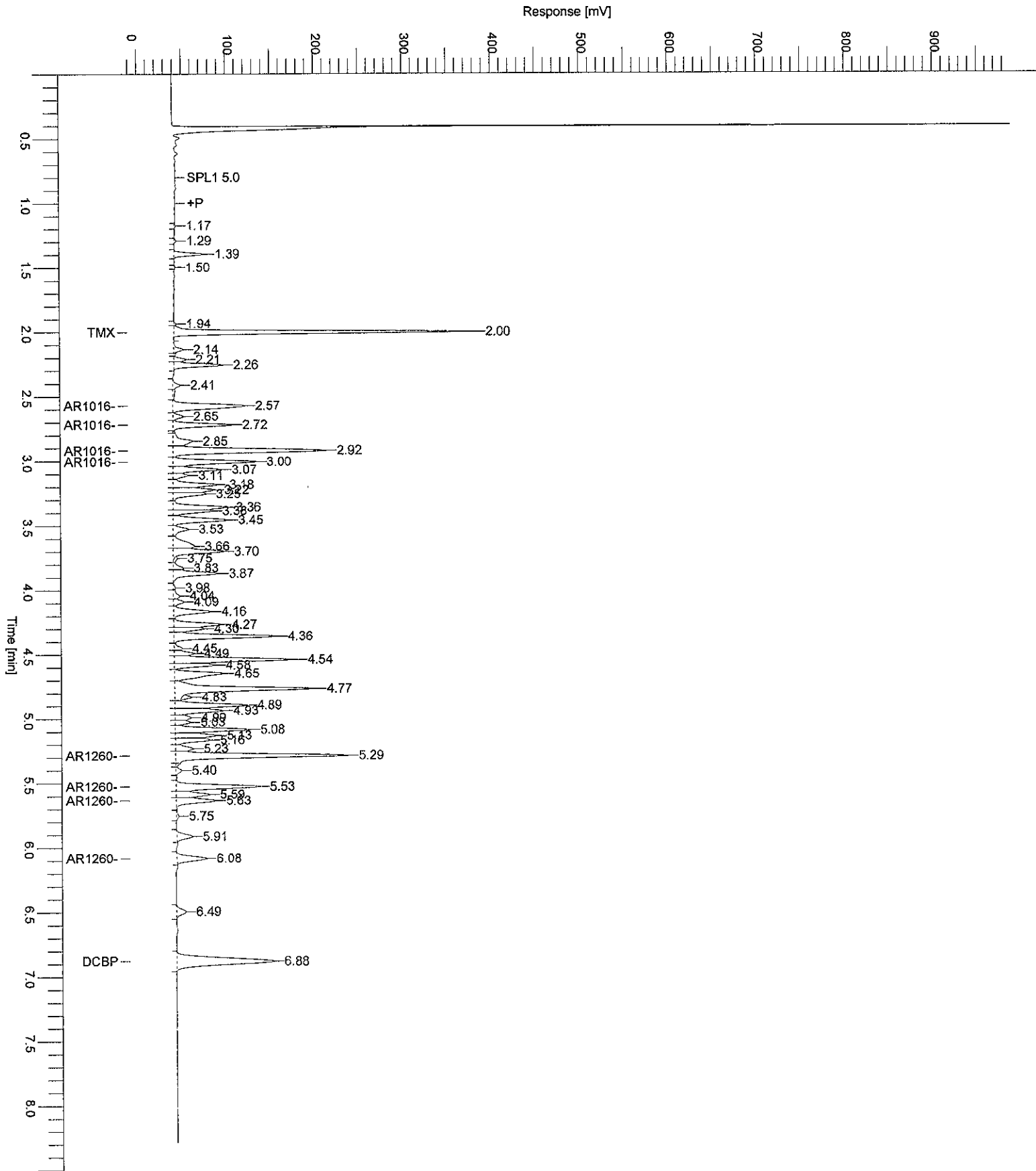
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.57	VV	204966	AR1016-A	0.10000	0.02500	4
13	2.72	VV	125683	AR1016-B	0.10000	0.02500	4
15	2.92	VV	385573	AR1016-C	0.10000	0.02500	4
16	3.00	VV	188731	AR1016-D	0.10000	0.02500	4
			904953			0.10000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
53	5.29	VV	407535	AR1260-A	0.10000	0.02500	4
55	5.53	VV	211273	AR1260-B	0.10000	0.02500	4
57	5.63	VV	104573	AR1260-C	0.10000	0.02500	4
60	6.08	BB	83008	AR1260-D	0.10000	0.02500	4
			806389			0.10000	

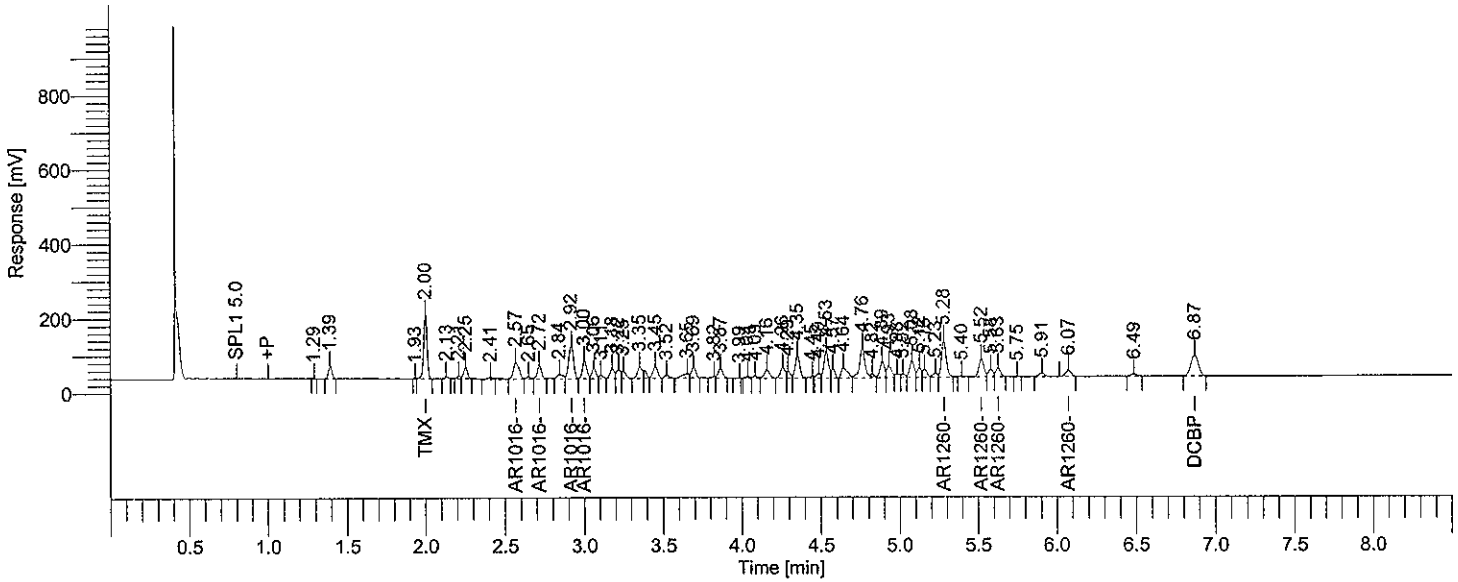
Sample Name : ICM66VF Sample #: 0.1ng Page 1 of 1
FileName : H:\TURBO6\6890-07\7a62001.raw
Date : 06/24/2008 17:10:29
Method : 6890-7.pcbins Time of Injection: 06/24/2008 16:59:47
Start Time : 0.00 min End Time : 8.50 min Low Point : -11.42 mV High Point : 988.58 mV
Plot Offset: -11.42 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6970
 Operator : tchrom
 Sample Number : 0.05NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 22:42:49

Date : 06/24/2008 16:16:12
 Sample Name : ICM66VG
 Study : ICAL
 Rack/Vial : 1/100
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 20

Raw Data File : H:\TURBO6\6890-07\7a61100.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61100.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a61100.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61100.rst
 Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a61100.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	2.00	VB	258834	TMX	0.00500	-----	0
	2.92		471814	AR1016	0.05000	0.01250	4
	5.28		397858	AR1260	0.05000	0.01250	4
58	6.87	BB	188729	DCBP	0.00500	-----	0
			1317235			0.02500	

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

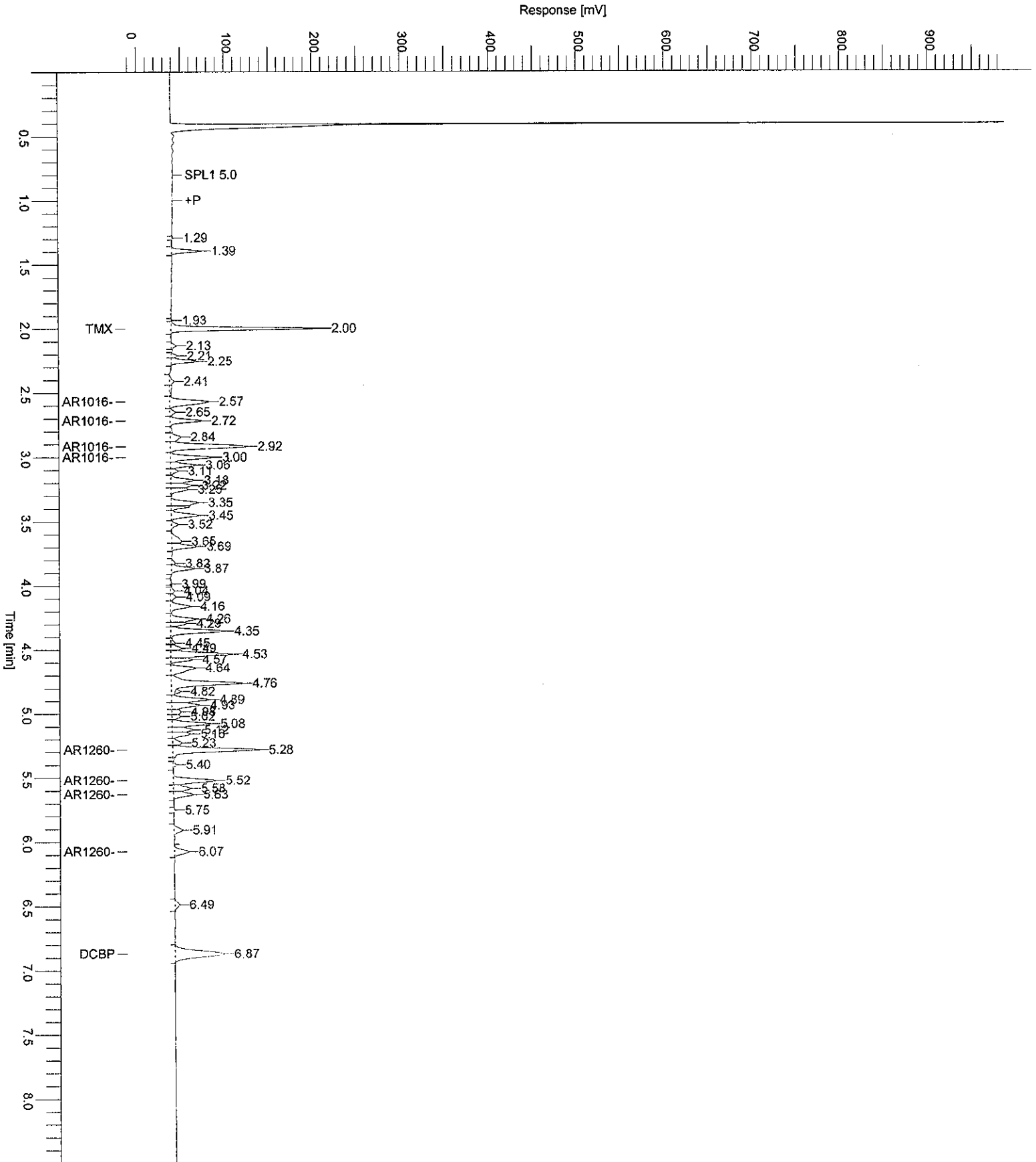
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	2.57	VV	112234	AR1016-A	0.05000	0.01250	4
11	2.72	VV	67575	AR1016-B	0.05000	0.01250	4
13	2.92	VV	197545	AR1016-C	0.05000	0.01250	4
14	3.00	VV	94461	AR1016-D	0.05000	0.01250	4
			471814			0.05000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
49	5.28	VV	204492	AR1260-A	0.05000	0.01250	4
51	5.52	VV	106717	AR1260-B	0.05000	0.01250	4
53	5.63	VB	48282	AR1260-C	0.05000	0.01250	4
56	6.07	VB	38367	AR1260-D	0.05000	0.01250	4
			397858			0.05000	

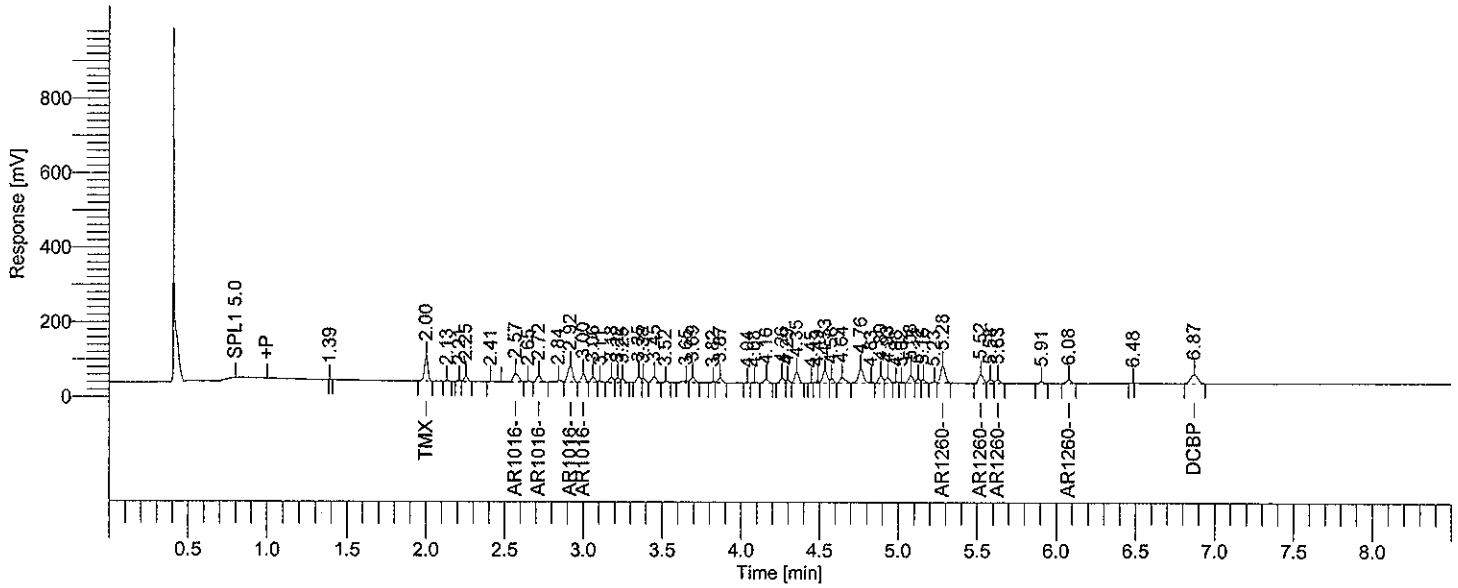
Sample Name : ICM66VG Sample #: 0.05NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7a61100.raw
Date : 06/24/2008 16:16:14 Time of Injection: 06/23/2008 22:42:49
Method : 6890-7pcbins Start Time : 0.00 min End Time : 8.50 min Low Point : -13.34 mV High Point : 986.66 mV
Plot Offset: -13.34 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6972
 Operator : tchrom
 Sample Number : 0.025NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 23:01:07

Date : 06/24/2008 16:16:20
 Sample Name : ICM66VE
 Study : ICAL
 Rack/Vial : 1/1
 Channel : A
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 21

Raw Data File : H:\TURBO6\6890-07\7a61101.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61101.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7a61101.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61101.rst
 Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a61101.rst
 Report Format File : h:\turbo6\6890-07\7\pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
2	2.00	BB	100492	TMX	0.00914	-----	0
	2.92		212702	AR1016	0.02500	0.00625	4
	5.28		184451	AR1260	0.02500	0.00625	4
54	6.87	BB	75838	DCBP	5.81e-04	-----	0
						0.01250	
			573483				

Processed by: *[Signature]* 6/30/08
 JUN 30 2008
 Reviewed by: *[Signature]* 1/1

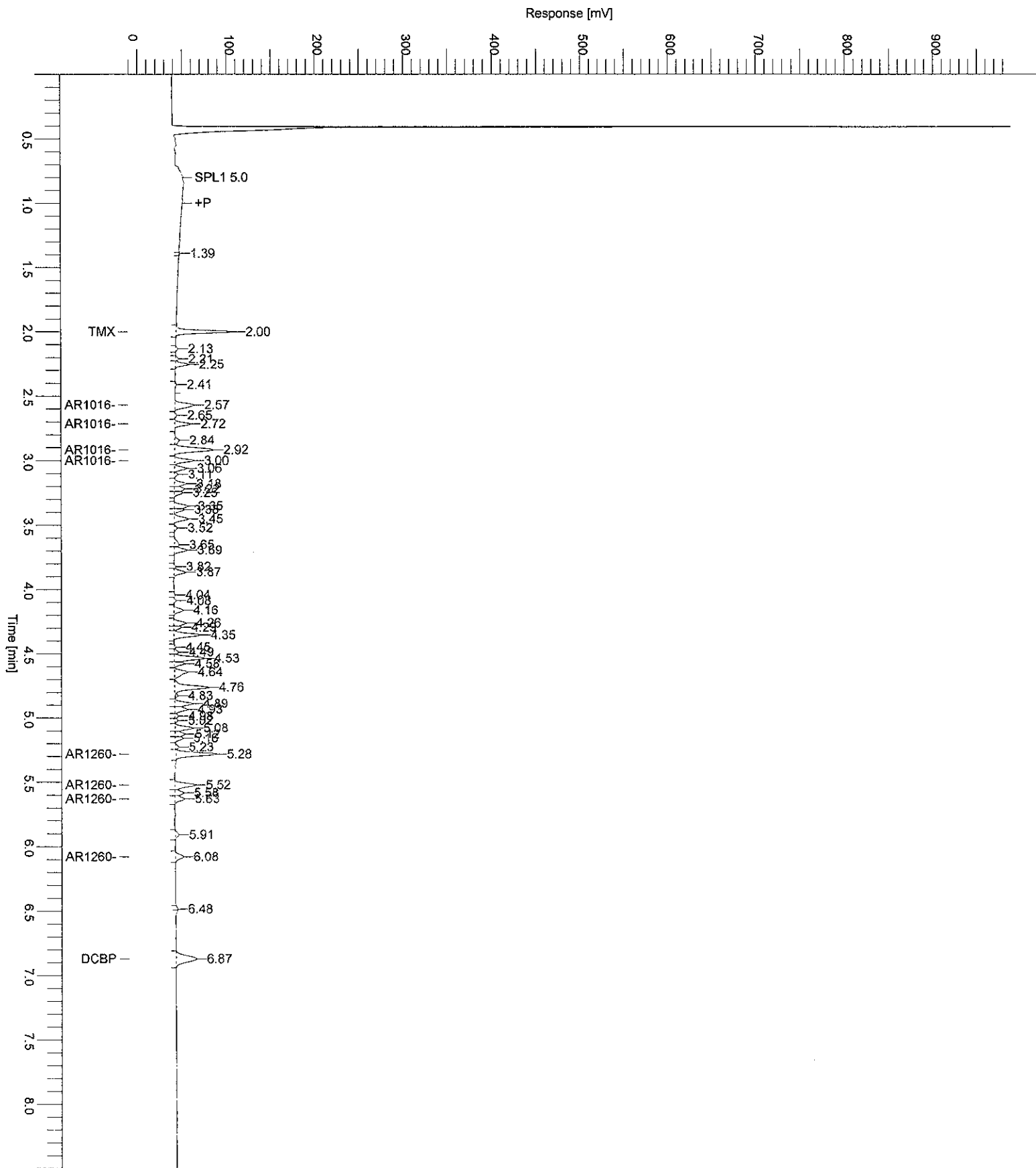
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	2.57	VB	50952	AR1016-A	0.02500	0.00625	4
9	2.72	VV	30371	AR1016-B	0.02500	0.00625	4
11	2.92	VB	93806	AR1016-C	0.02500	0.00625	4
12	3.00	BV	37573	AR1016-D	0.02500	0.00625	4
			212702			0.02500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
47	5.28	VB	89519	AR1260-A	0.02500	0.00625	4
48	5.52	BV	50652	AR1260-B	0.02500	0.00625	4
50	5.63	VB	23296	AR1260-C	0.02500	0.00625	4
52	6.08	BB	20984	AR1260-D	0.02500	0.00625	4
			184451			0.02500	

Sample Name : ICM66VE
File Name : H:\TURBO6\6890-07\7a61101.raw
Date : 06/24/2008 16:16:21
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -11.23 mV
Sample # : 0.025NG
Page 1 of 1
Time of Injection: 06/23/2008 23:01:07
End Time : 8.50 min
Low Point : -11.23 mV
High Point : 988.77 mV
Plot Scale: 1000.0 mV



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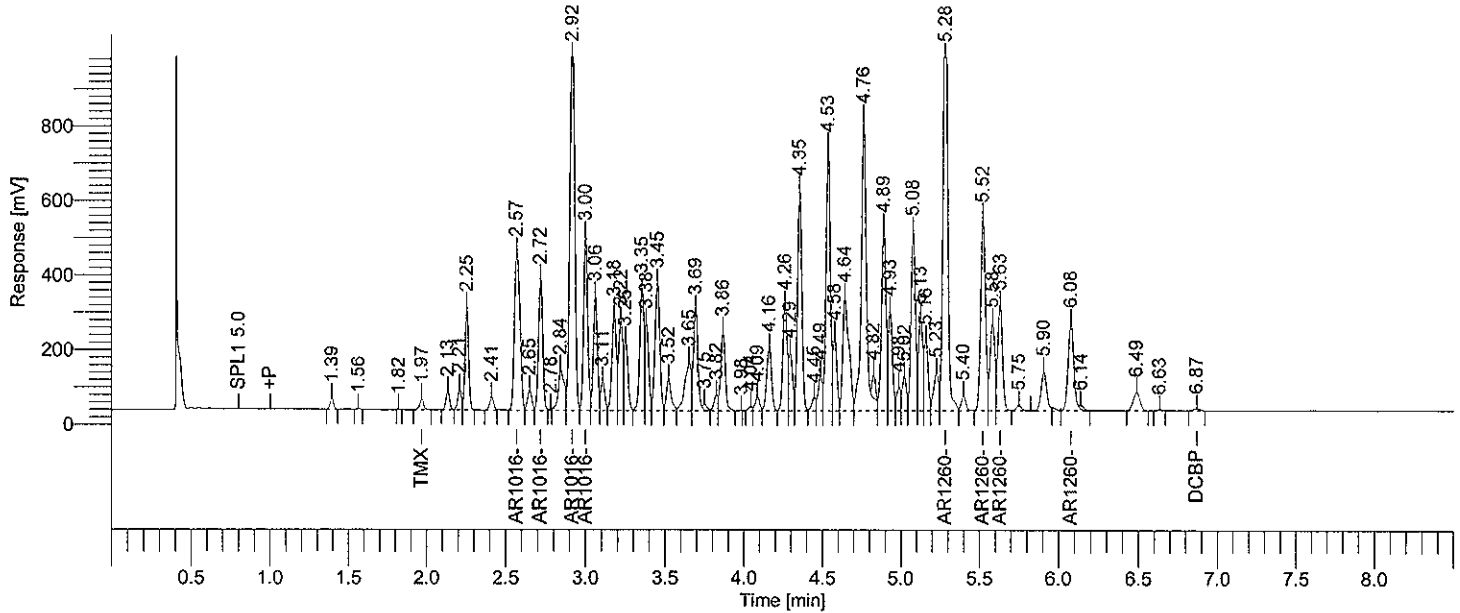
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf23: 6974
Operator : tchrom
Sample Number : 0.6NG
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 06/23/2008 23:19:18

Date : 06/24/2008 16:16:26
Sample Name : ACM66KB
Study : ACM
Rack/Vial : 1/2
Channel : A
A/D mV Range : 1000
End Time : 12.95 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 22
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a61102.raw <Modified>
Result File : H:\TURBO6\6890-07\7a61102.rst
Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7a61102.raw
Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61102.rst
Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a61102.rst
Report Format File : h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.97	BB	49907	TMX	0.0105	4.7672e+06	99814.3000	0.3
2.92		4629692	AR1016	0.5926	7.8119e+06	9.2594e+06	-1.2
5.28		4689403	AR1260	0.6167	7.6042e+06	9.3788e+06	2.8
6.87	BB	15451	DCBP	-2e-03		30901.9000	100.3
				9384453	1.2180	1.8769e+07	

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.57	VV	1013338	AR1016-A	0.5794	1.7488e+06	2.0267e+06	-3.4
2.72	VV	621920	AR1016-B	0.5849	1.0633e+06	1.2438e+06	-2.5
2.92	VV	2169160	AR1016-C	0.5980	3.6275e+06	4.3383e+06	-0.3
3.00	VV	825274	AR1016-D	0.6006	1.3741e+06	1.6505e+06	0.1
				4629692	2.3629	9.2594e+06	

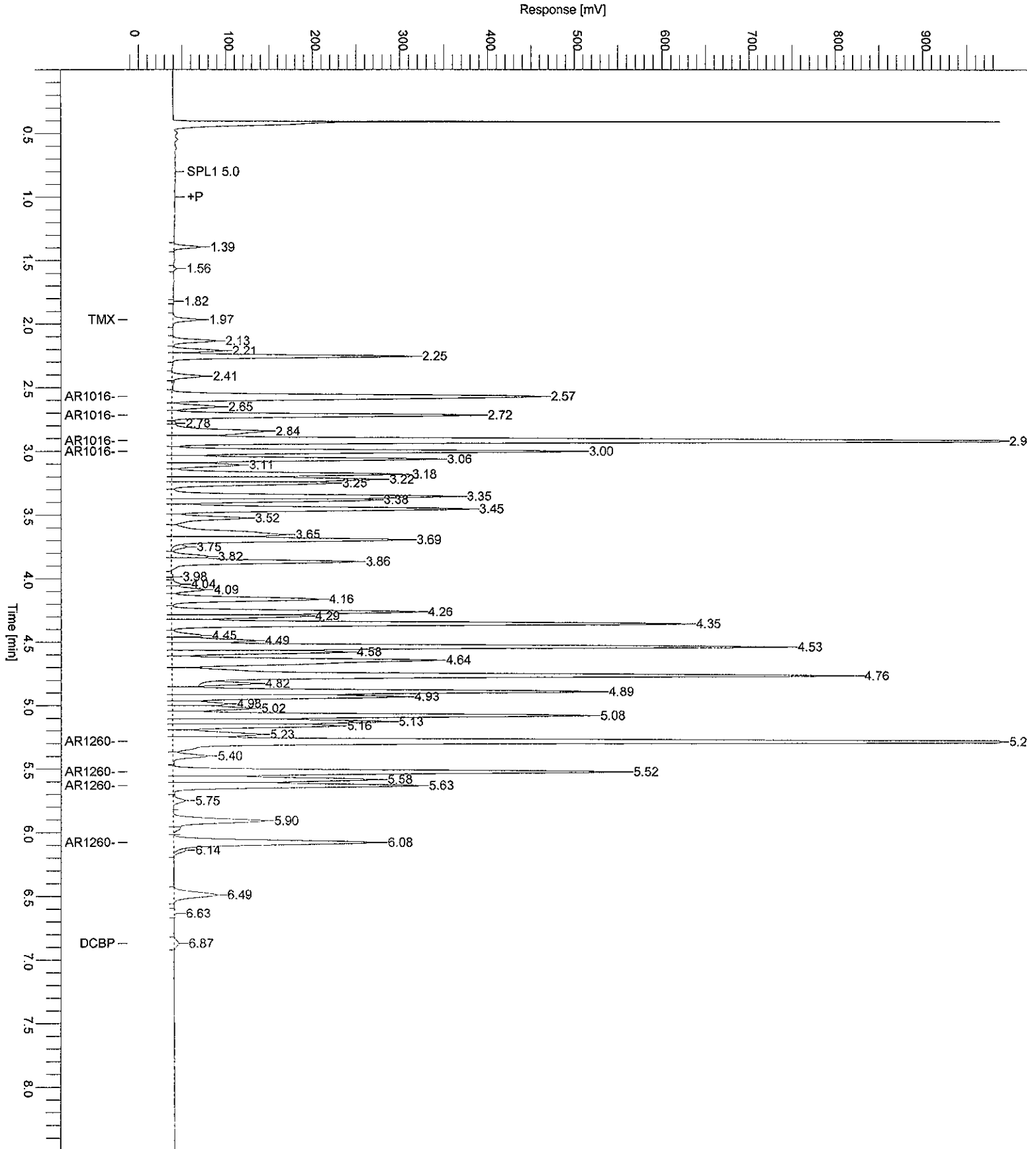
Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
5.28	VV	2402961	AR1260-A	0.6082	3.9512e+06	4.8059e+06	1.4
5.52	VV	1090975	AR1260-B	0.5638	1.9350e+06	2.1819e+06	-6.0
5.63	VV	603981	AR1260-C	0.6803	8.8785e+05	1.2080e+06	13.4
6.08	VE	591487	AR1260-D	0.7126	8.3003e+05	1.1830e+06	18.8
				4689403	2.5648	9.3788e+06	

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JUN 30 2008

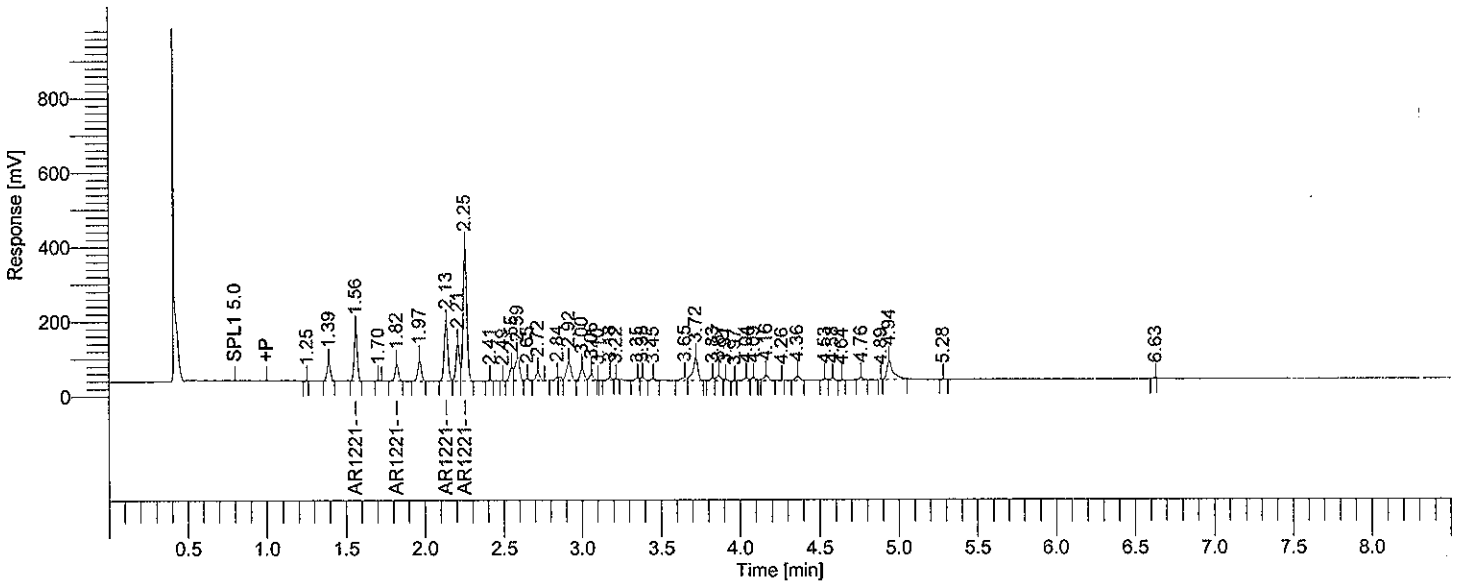
Sample Name : ACM66KB
File Name : H:\TURBO6\6890-07\7a61102.raw
Date : 06/24/2008 16:16:28
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -12.95 mV
Sample # : 0.6NG
Page 1 of 1
Time of Injection : 06/23/2008 23:19:18
End Time : 8.50 min
Low Point : -12.95 mV
High Point : 987.05 mV
Plot Scale : 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6932
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 16:57:44

Date : 06/24/2008 16:13:16
 Sample Name : ICM21XA
 Study : ICAL
 Rack/Vial : 1/81
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-07\7a61081.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61081.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7a61081.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61081.rst
 Calib Method : h:\turbo6\6890-07\07a21(06-23-08).mth from H:\TURBO6\6890-07\7a61081.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



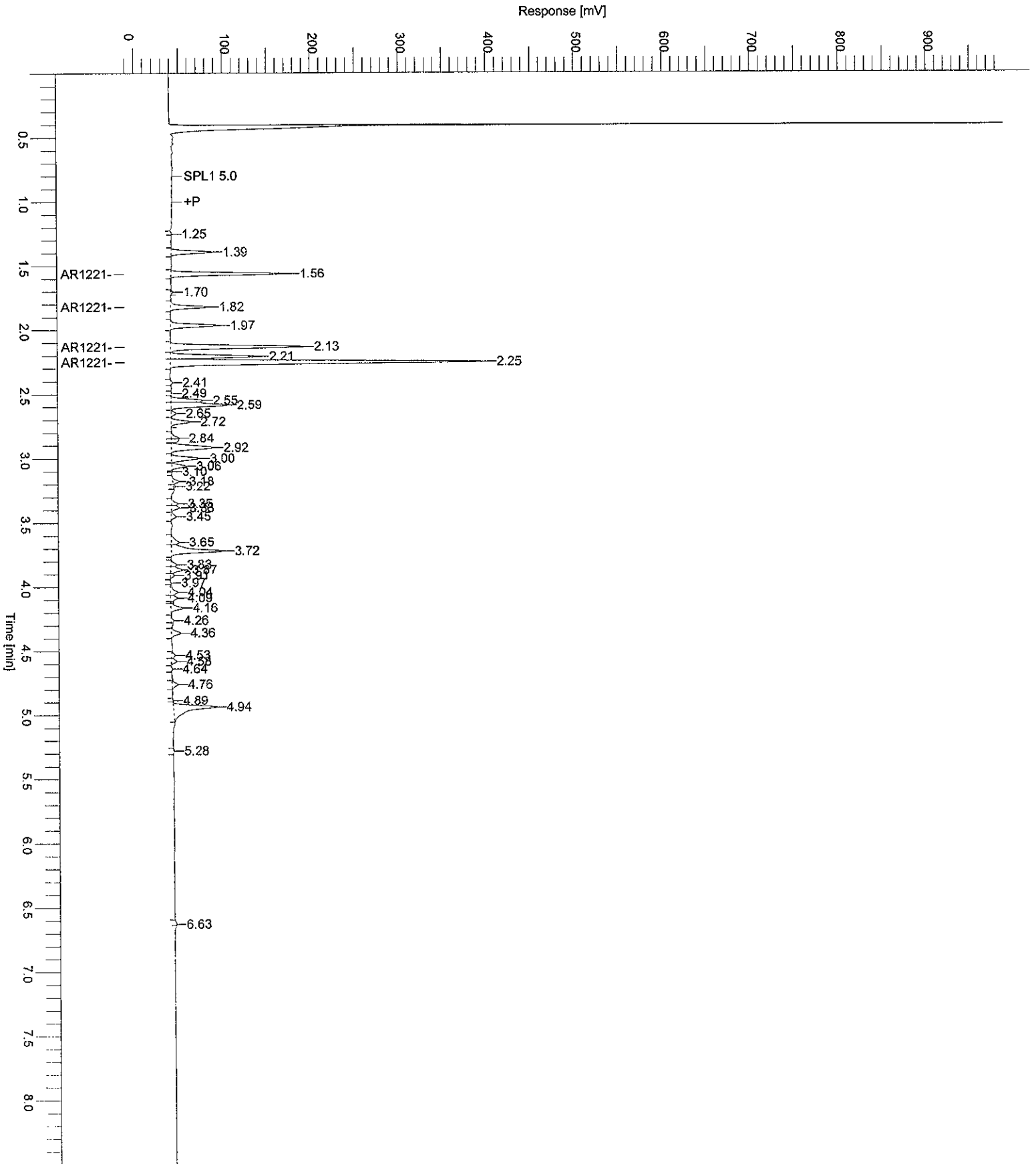
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.25		1102598	AR1221	0.50000	0.12500	4
			1102598			0.12500	

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
3	1.56	BB	189335	AR1221-A	0.50000	0.12500	4
5	1.82	VB	65048	AR1221-B	0.50000	0.12500	4
7	2.13	BV	254452	AR1221-C	0.50000	0.12500	4
9	2.25	VB	593764	AR1221-D	0.50000	0.12500	4
			1102598			0.50000	

Processed by: *RJ* 6/30/08
 Reviewed by: *OR* JUN 30 2008

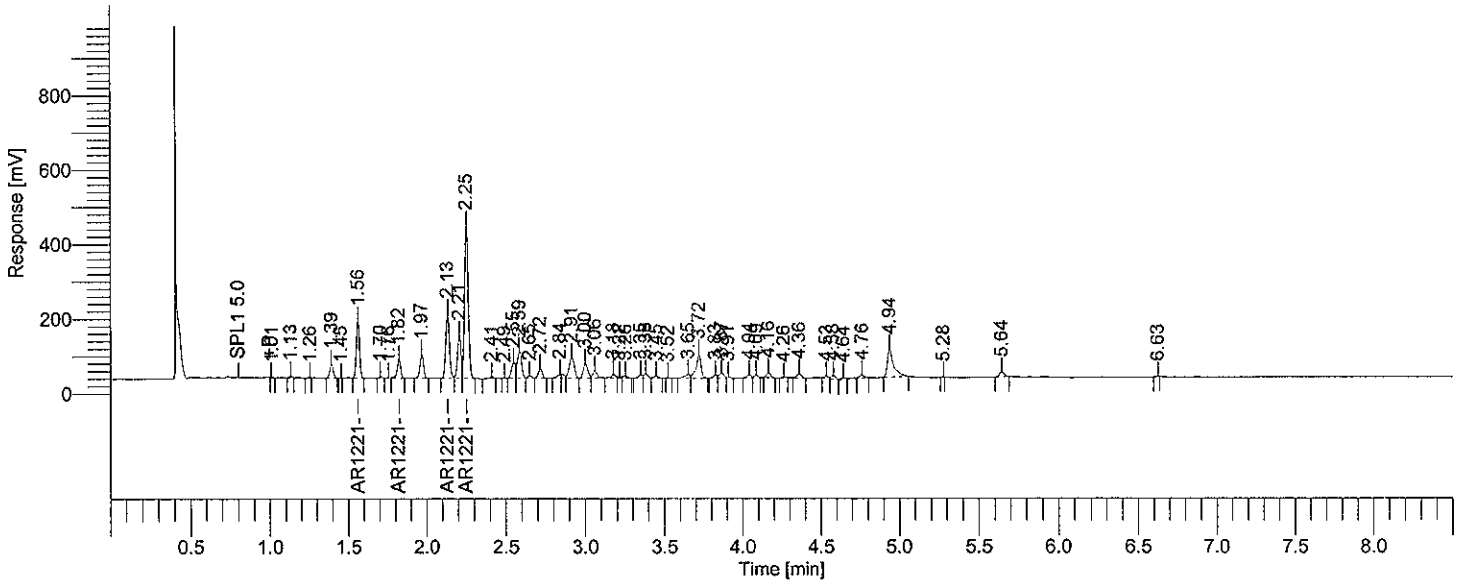
Sample Name : ICM21XA
File Name : H:\TURBO6\6890-07\7a61081.raw
Date : 06/24/2008 16:13:17
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -11.31 mV
Sample #: 0.5NG
Page 1 of 1
Time of Injection: 06/23/2008 16:57:44
End Time : 8.50 min
Low Point : -11.31 mV
High Point : 988.69 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6934
 Operator : tchrom
 Sample Number : 0.6NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 17:15:59

Date : 06/24/2008 16:13:28
 Sample Name : ACM21WA
 Study : ACM
 Rack/Vial : 1/82
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 2

Raw Data File : H:\TURBO6\6890-07\7a61082.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61082.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a61082.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61082.rst
 Calib Method : h:\turbo6\6890-07\07a21(06-23-08).mth from H:\TURBO6\6890-07\7a61082.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.25		1248602	AR1221	0.5662	2.2052e+06	2.4972e+06	-5.6
		1248602		0.5662		2.4972e+06	

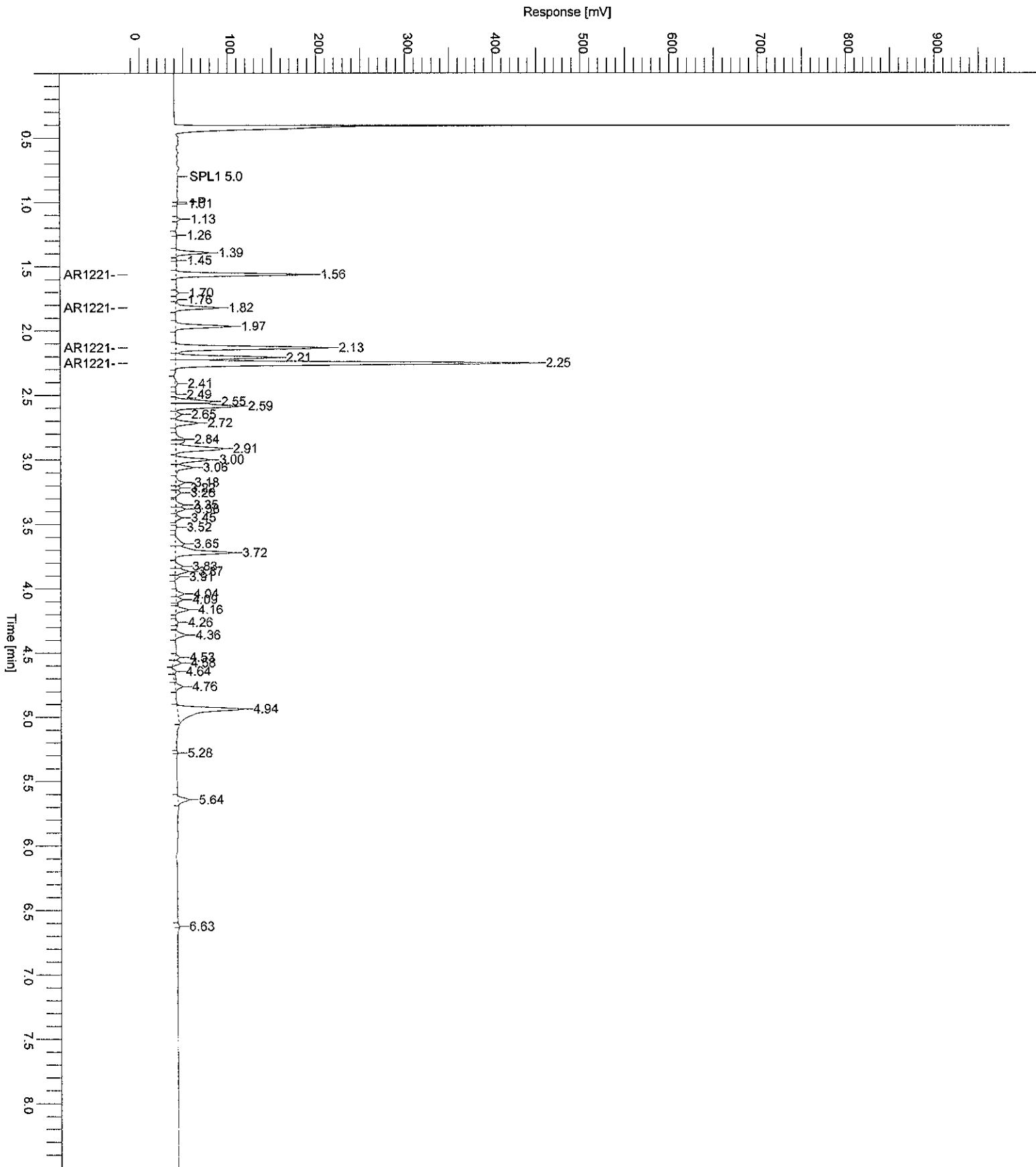
Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.56	VB	212378	AR1221-A	0.5609	3.7867e+05	4.2476e+05	-6.5
1.82	VB	74233	AR1221-B	0.5706	1.3010e+05	1.4847e+05	-4.9
2.13	BV	287567	AR1221-C	0.5651	5.0890e+05	5.7513e+05	-5.8
2.25	VB	674424	AR1221-D	0.5679	1.1875e+06	1.3488e+06	-5.3
		1248602		2.2645		2.4972e+06	

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JUN 30 2008

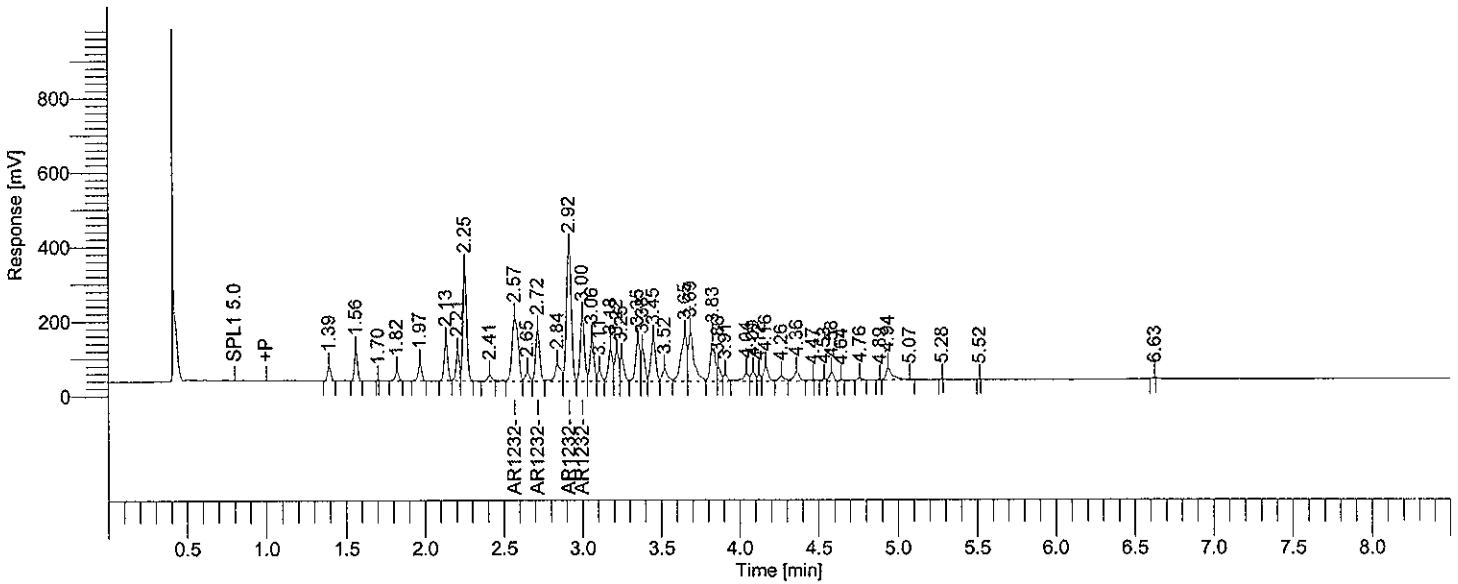
Sample Name : ACM21WA
File Name : H:\TURBO616890-07\7a61082.raw
Date : 06/24/2008 16:13:29
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -14.10 mV
Sample #: 0.6NG
Page 1 of 1
Time of Injection: 06/23/2008 17:15:59
End Time : 8.50 min
Low Point : -14.10 mV
High Point : 985.90 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6936
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 17:34:40

Date : 06/24/2008 16:13:39
 Sample Name : ICM32MA
 Study : ICAL
 Rack/Vial : 1/83
 Channel : A
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-07\7a61083.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61083.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a61083.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61083.rst
 Calib Method : h:\turbo6\6890-07\07a32(06-23-08).mth from H:\TURBO6\6890-07\7a61083.rst
 Report Format File : h:\turbo6\6890-07\7pcbamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



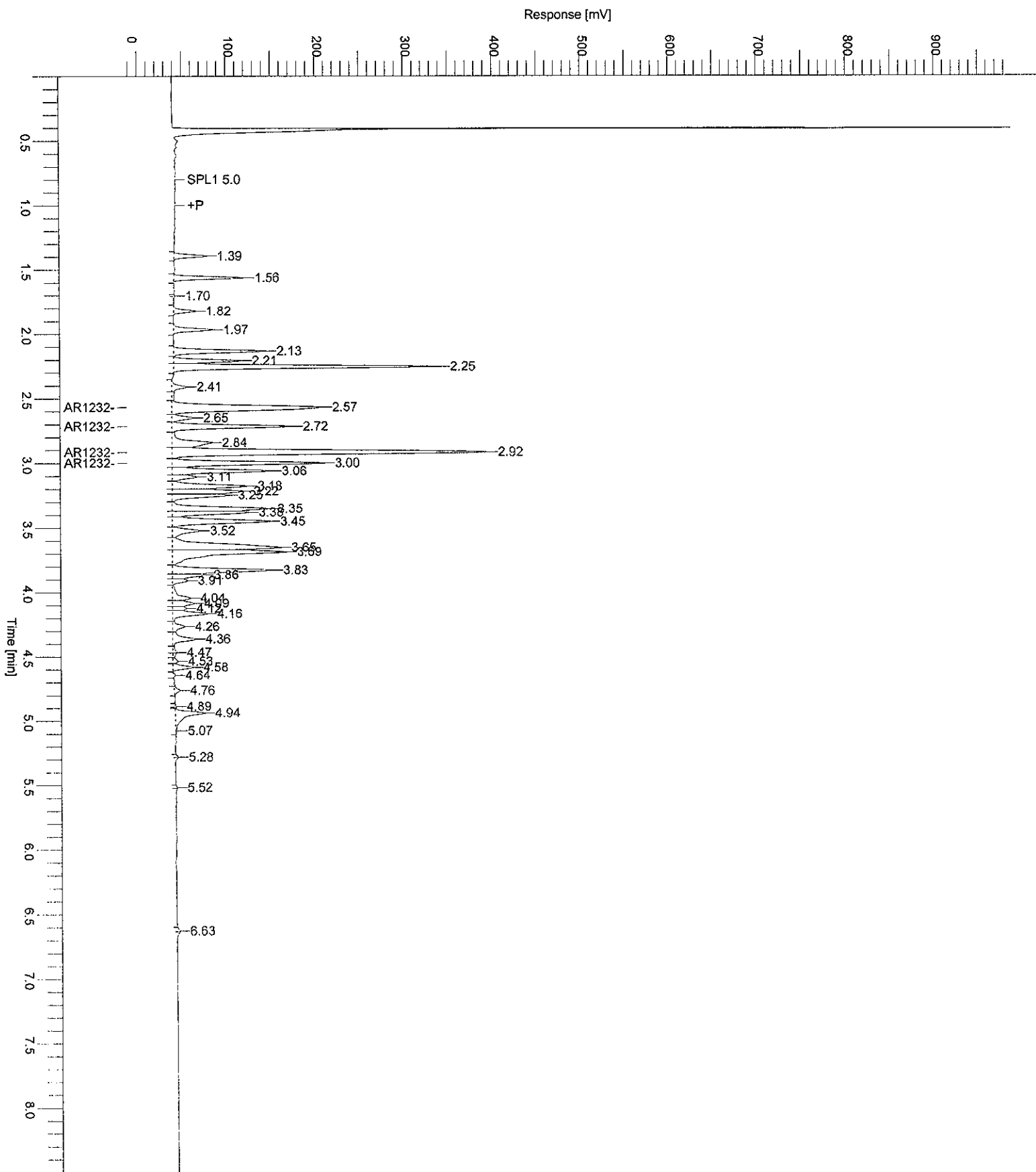
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.92		1807650	AR1232	0.50000	0.12500	4
			1807650			0.12500	

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.57	VV	462039	AR1232-A	0.50000	0.12500	4
12	2.72	VV	248836	AR1232-B	0.50000	0.12500	4
14	2.92	VV	781376	AR1232-C	0.50000	0.12500	4
15	3.00	VV	315399	AR1232-D	0.50000	0.12500	4
			1807650			0.50000	

Processed by: ADW 6/30/08
 Reviewed by: gl JUN 30 2008

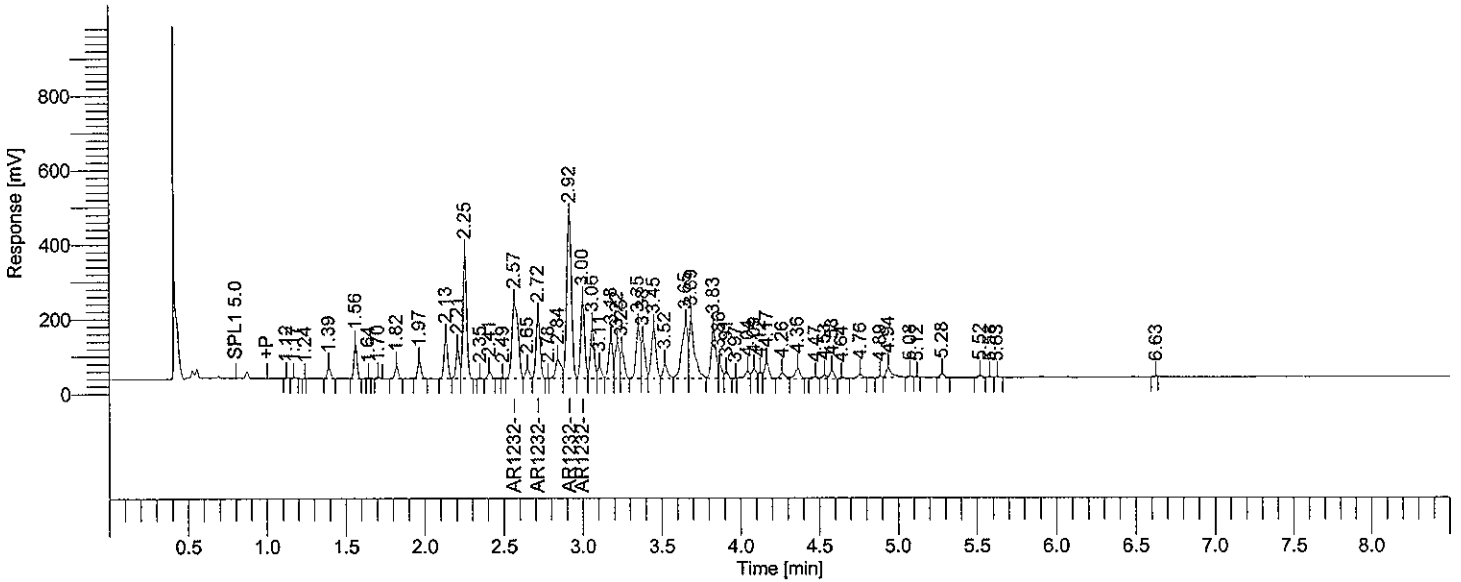
Sample Name : ICM32MA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7a61083.raw
Date : 06/24/2008 16:13:40
Method : 6890-7pcbins Time of Injection: 06/23/2008 17:34:40
Start Time : 0.00 min End Time : 8.50 min Low Point : -12.27 mV High Point : 987.73 mV
Plot Offset: -12.27 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6938
 Operator : tchrom
 Sample Number : 0.6NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 17:52:49

Date : 06/24/2008 16:13:50
 Sample Name : ACM32HA
 Study : ACM
 Rack/Vial : 1/84
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 4

Raw Data File : H:\TURBO6\6890-07\7a61084.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61084.rst
 Inst Method : h:\turbo6\6890-07\7a-pcbins from H:\TURBO6\6890-07\7a61084.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61084.rst
 Calib Method : h:\turbo6\6890-07\07a32(06-23-08).mth from H:\TURBO6\6890-07\7a61084.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



2nd Source Check

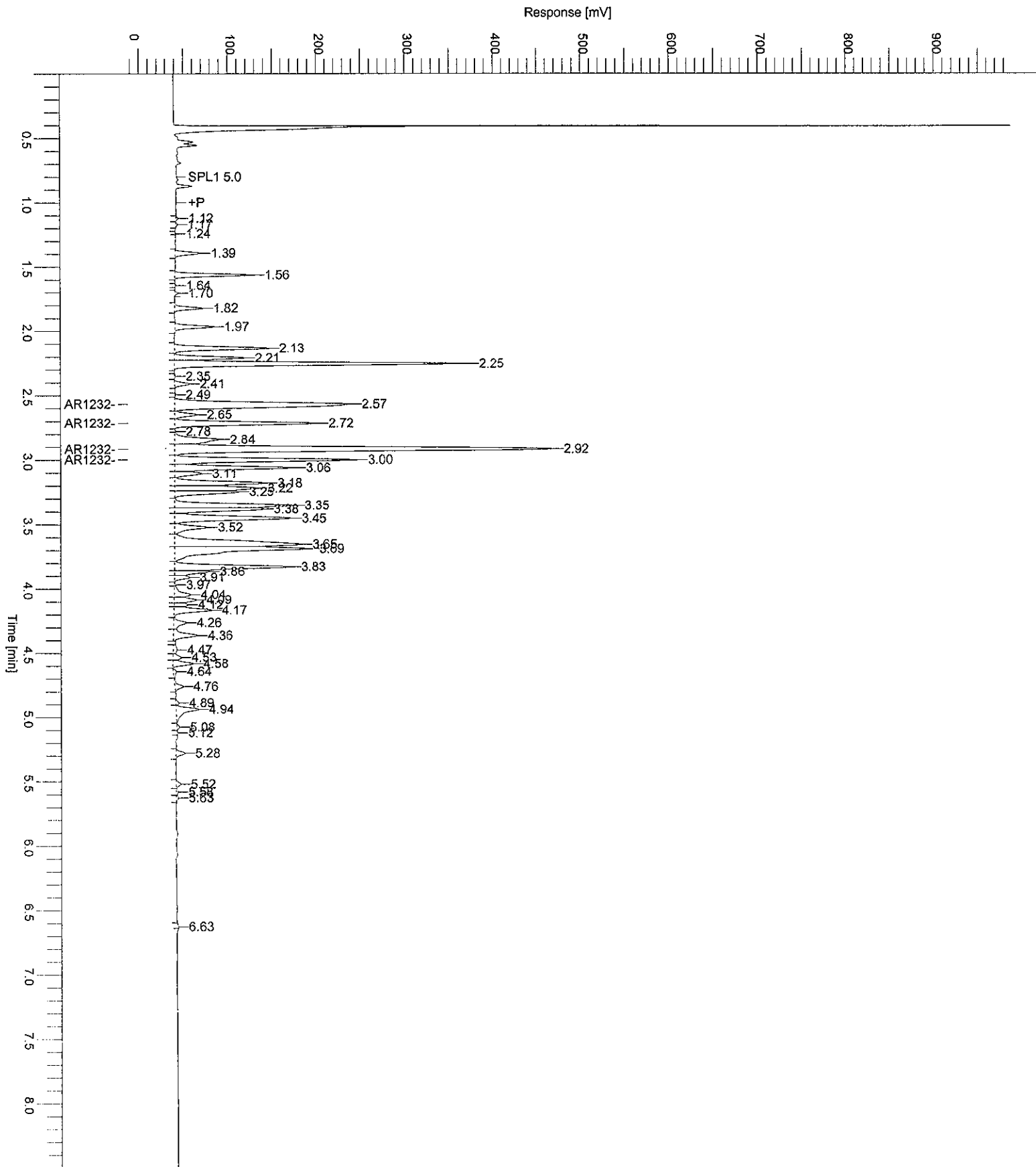
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.92		2133957	AR1232	0.5903	3.6153e+06	4.2679e+06	-1.6
		2133957		0.5903		4.2679e+06	

Group Report For : AR1232

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.57	BV	534399	AR1232-A	0.5783	9.2408e+05	1.0688e+06	-3.6
2.72	VV	289302	AR1232-B	0.5813	4.9767e+05	5.7860e+05	-3.1
2.92	VV	937785	AR1232-C	0.6001	1.5628e+06	1.8756e+06	0.0
3.00	VV	372471	AR1232-D	0.5905	6.3080e+05	7.4494e+05	-1.6
		2133957		2.3502		4.2679e+06	

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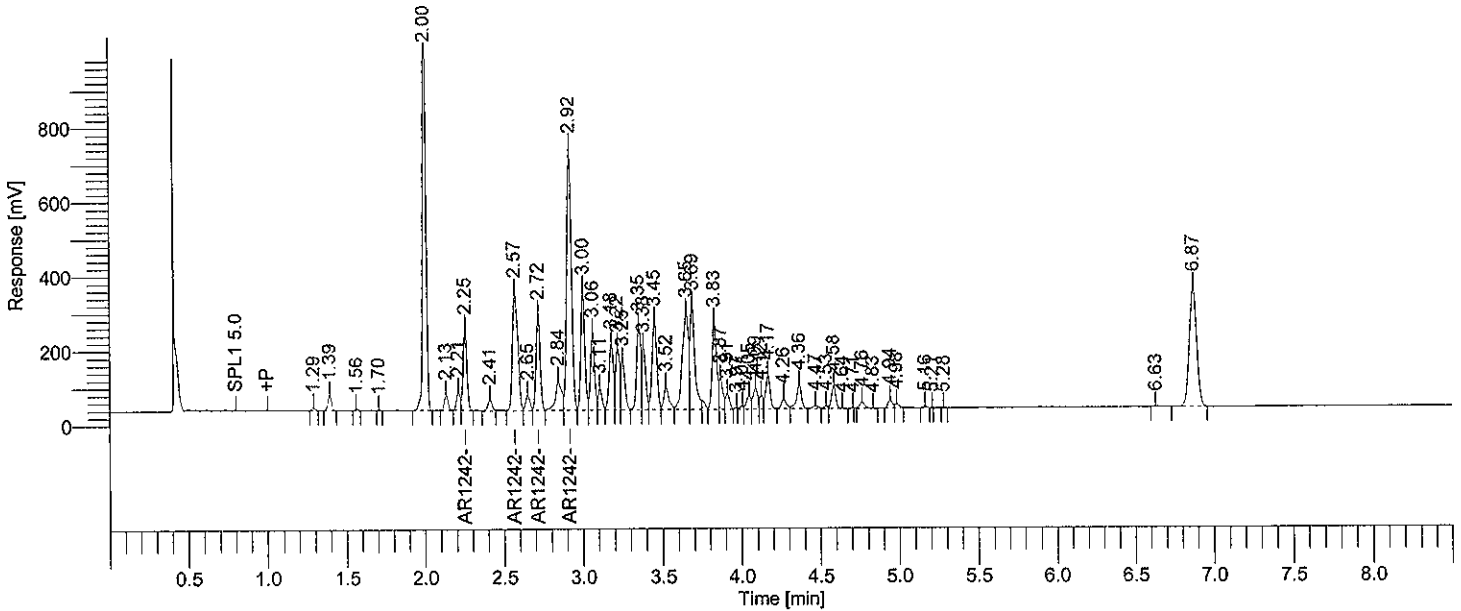
Sample Name : ACM32HA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7a61084.raw
Date : 06/24/2008 16:13:51
Method : 6890-7pcbins Time of Injection: 06/23/2008 17:52:49
Start Time : 0.00 min End Time : 8.50 min Low Point : -13.09 mV High Point : 986.91 mV
Plot Offset: -13.09 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6940
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 18:11:11

Date : 06/24/2008 16:14:01
 Sample Name : ICM42YB
 Study : ICAL
 Rack/Vial : 1/85
 Channel : A
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 5

Raw Data File : H:\TURBO6\6890-0717a61085.raw <Modified>
 Result File : H:\TURBO6\6890-0717a61085.rst
 Inst Method : h:\turbo6\6890-0716890-7pcbins from H:\TURBO6\6890-0717a61085.raw
 Proc Method : h:\turbo6\6890-0717a-pcbprocess.mth from H:\TURBO6\6890-0717a61085.rst
 Calib Method : h:\turbo6\6890-07107a42(06-23-08).mth from H:\TURBO6\6890-0717a61085.rst
 Report Format File: h:\turbo6\6890-0717pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-0717D-61-ical.seq



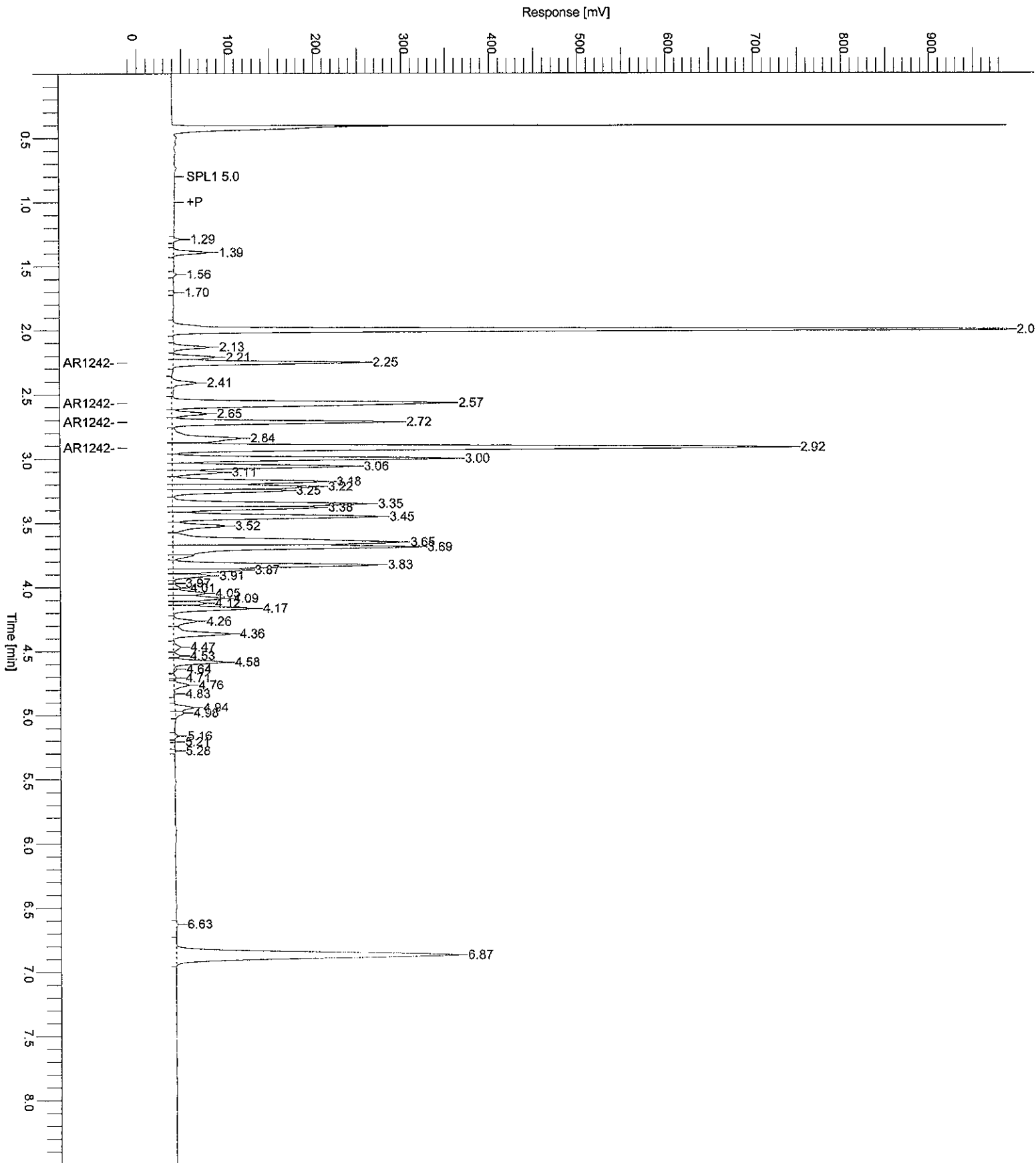
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.92	3038001		AR1242	0.50000	0.12500	4
		3038001				0.12500	

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	2.25	VB	353285	AR1242-A	0.50000	0.12500	4
10	2.57	VV	746836	AR1242-B	0.50000	0.12500	4
12	2.72	VV	448541	AR1242-C	0.50000	0.12500	4
14	2.92	VV	1489338	AR1242-D	0.50000	0.12500	4
			3038001			0.50000	

Processed by: AW 6/23/08
 Reviewed by: JL JUN 20 2008

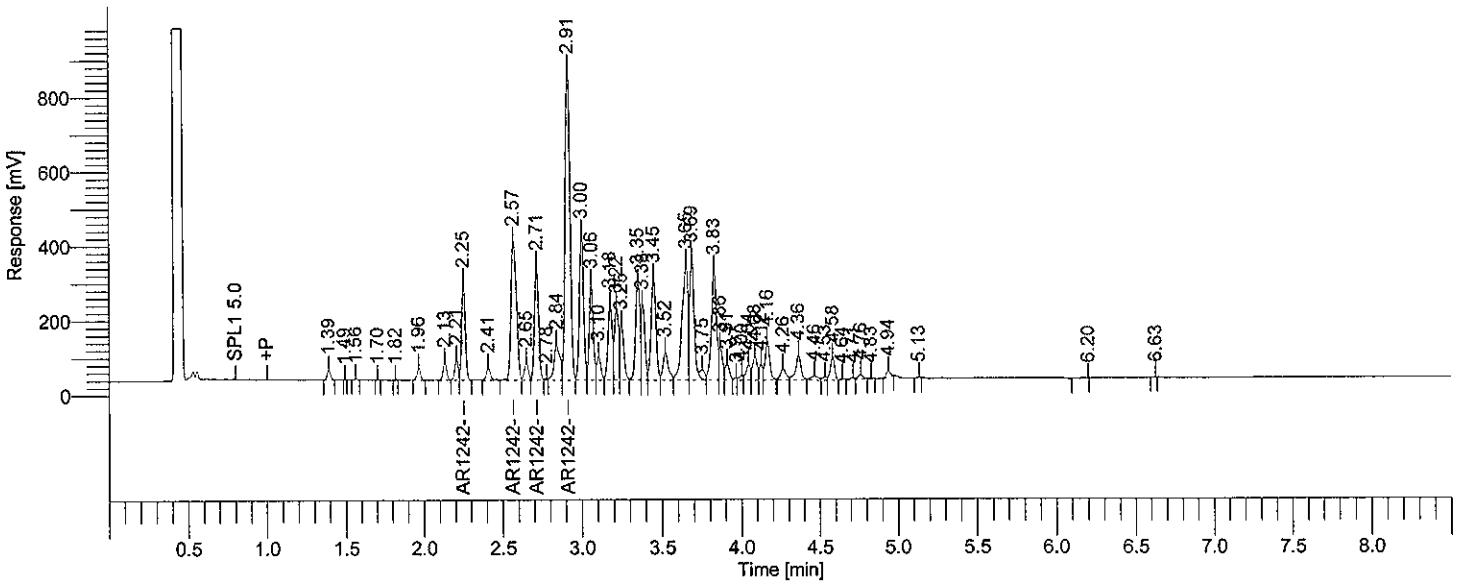
Sample Name : ICM42YB
File Name : H:\TURBO6\6890-07\7a61085.raw
Date : 06/24/2008 16:14:02
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -11.81 mV
Sample #: 0.5NG
Page 1 of 1
Time of Injection: 06/23/2008 18:11:11
End Time : 8.50 min
Low Point : -11.81 mV
High Point : 988.19 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6942
 Operator : tchrom
 Sample Number : 0.6NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 18:29:15

Date : 06/24/2008 16:14:11
 Sample Name : ACM42UA
 Study : ACM
 Rack/Vial : 1/86
 Channel : A
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 6

Raw Data File : H:\TURBO6\6890-07\7a61086.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61086.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7a61086.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61086.rst
 Calib Method : h:\turbo6\6890-07\07a42(06-23-08).mth from H:\TURBO6\6890-07\7a61086.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.91		3660564	AR1242	0.6025	6.0760e+06	7.3211e+06	0.4
		3660564		0.6025		7.3211e+06	

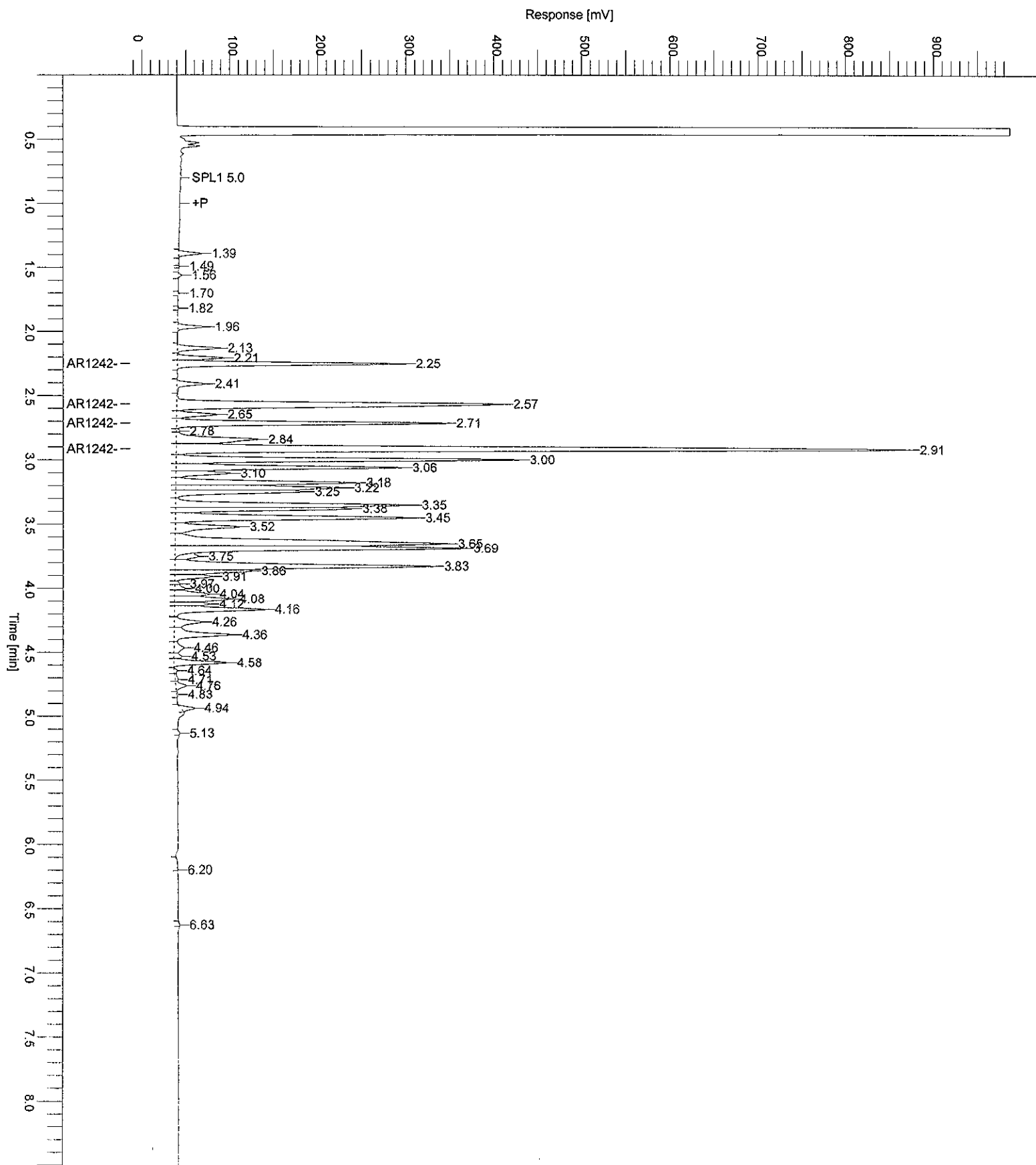
J

JUN 30 2008

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.25	VB	418211	AR1242-A	0.5919	7.0657e+05	8.3642e+05	-1.4
2.57	VV	890201	AR1242-B	0.5960	1.4937e+06	1.7804e+06	-0.7
2.71	VV	542055	AR1242-C	0.6042	8.9708e+05	1.0841e+06	0.7
2.91	VV	1810097	AR1242-D	0.6077	2.9787e+06	3.6202e+06	1.3
		3660564		2.3998		7.3211e+06	

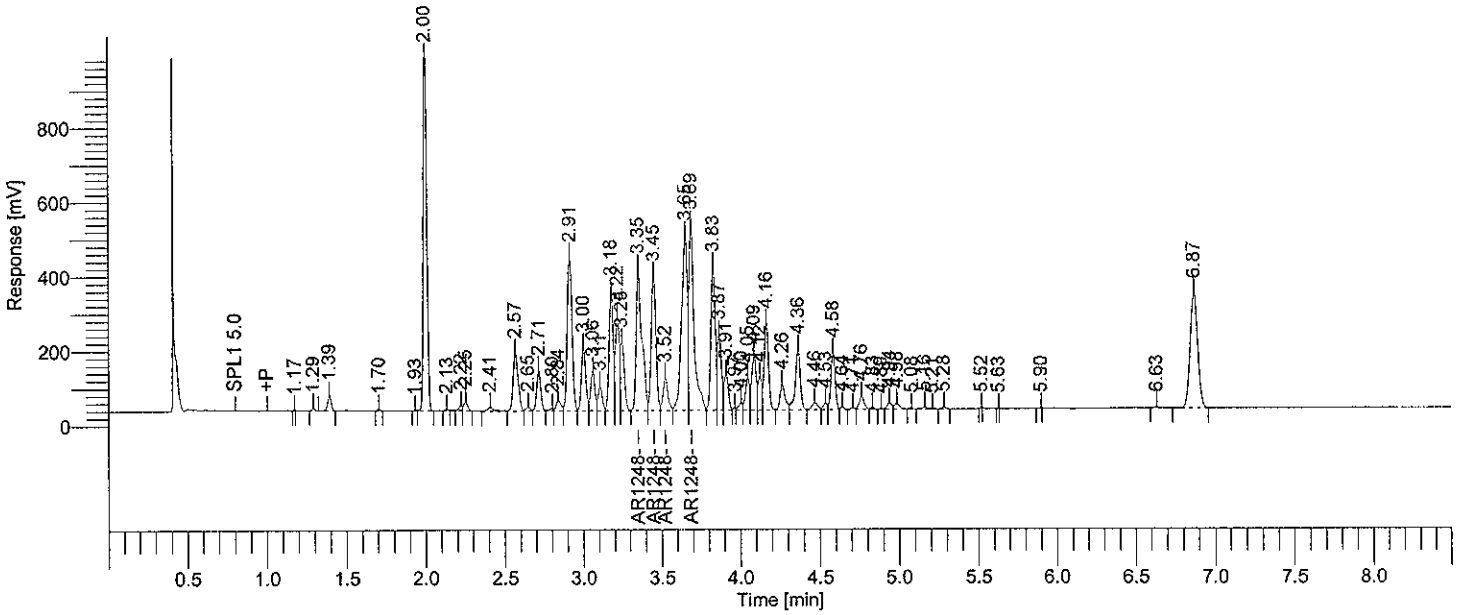
Sample Name : ACM42UA
File Name : H:\TURBO6\6890-07\7a61086.raw
Date : 06/24/2008 16:14:12
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -13.67 mV
Sample #: 0.6NG
Page 1 of 1
Time of Injection: 06/23/2008 18:29:15
End Time : 8.50 min
Low Point : -13.67 mV
High Point : 986.33 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6944
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 18:47:25

Date : 06/24/2008 16:14:21
 Sample Name : ICM48XA
 Study : ICAL
 Rack/Vial : 1/87
 Channel : A
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 7

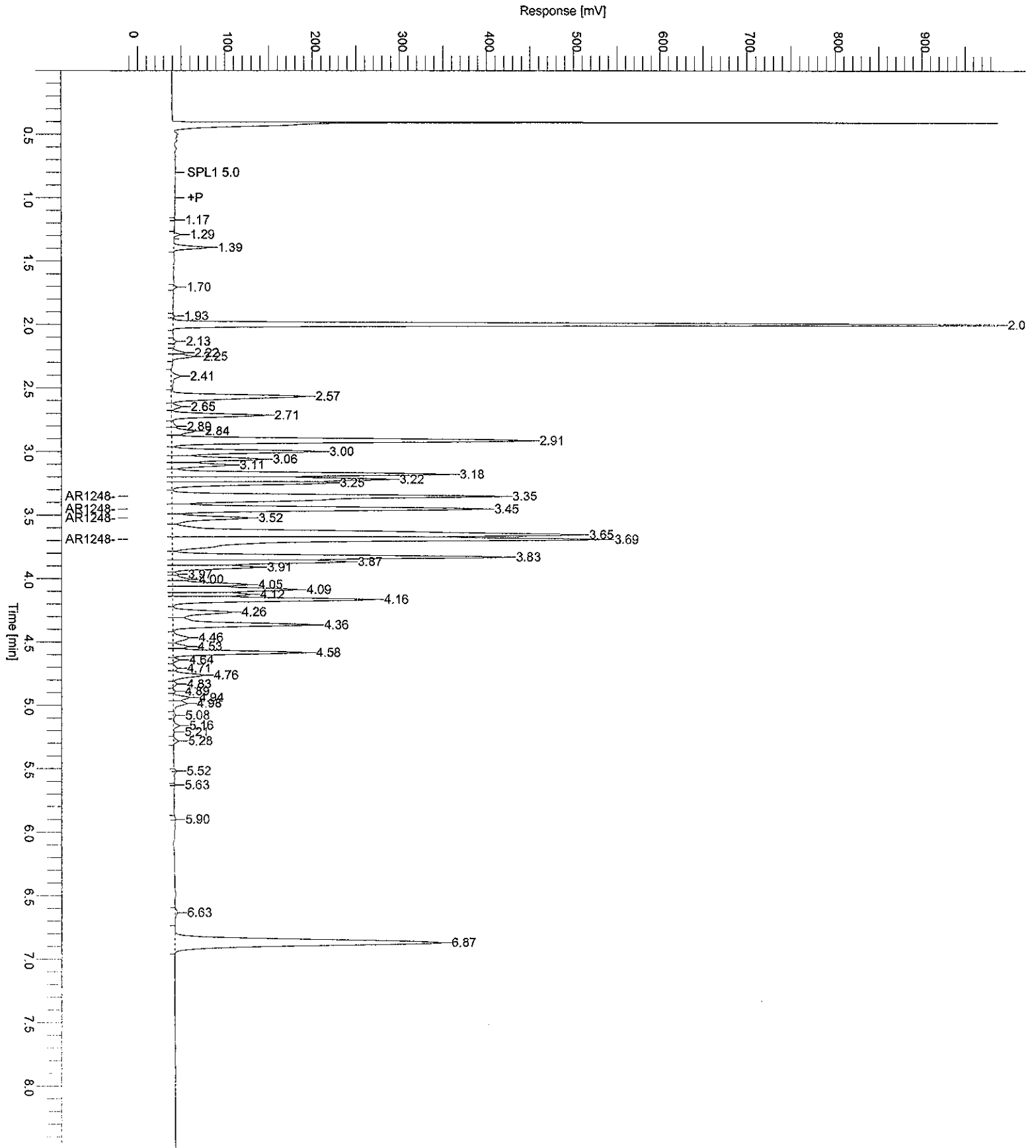
Raw Data File : H:\TURBO6\6890-07\7a61087.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61087.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7a61087.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61087.rst
 Calib Method : h:\turbo6\6890-07\07a48(06-23-08).mth from H:\TURBO6\6890-07\7a61087.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	3.69		3025667	AR1248	0.50000	0.12500	4
			3025667			0.12500	
Group Report For : AR1248							
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
23	3.35	VV	952416	AR1248-A	0.50000	0.12500	4
24	3.45	VV	753009	AR1248-B	0.50000	0.12500	4
25	3.52	VV	183958	AR1248-C	0.50000	0.12500	4
27	3.69	VV	1136284	AR1248-D	0.50000	0.12500	4
			3025667			0.50000	

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

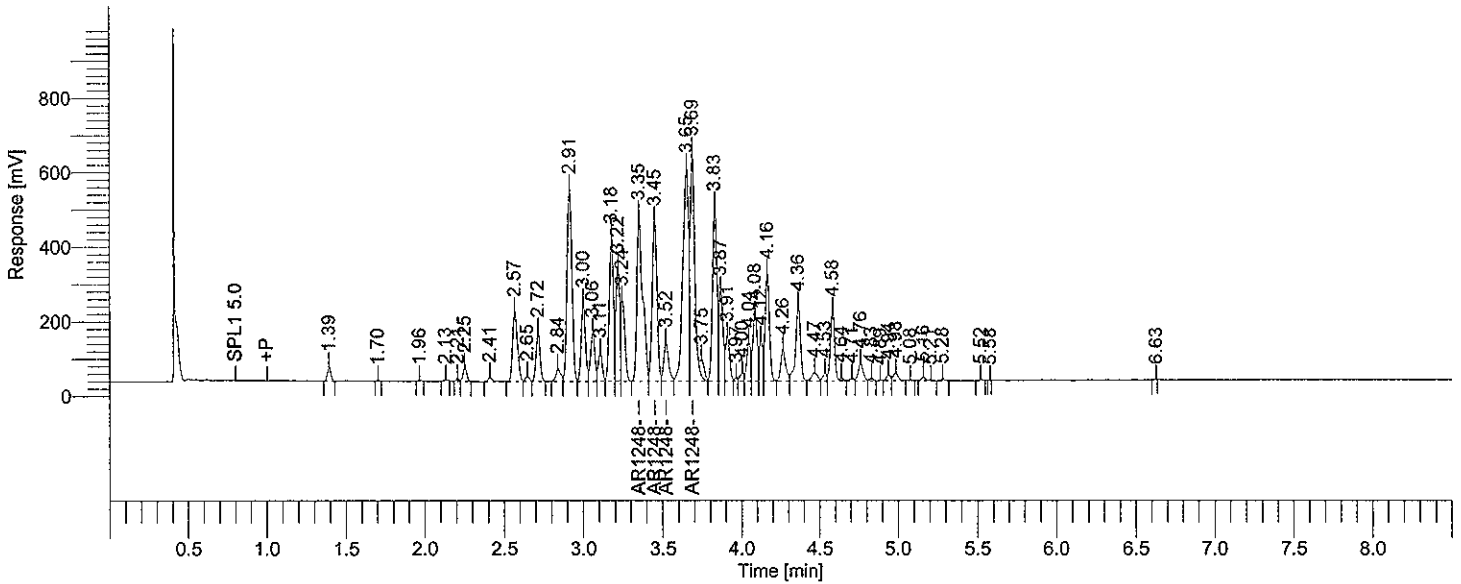
Sample Name : ICM48XA Sample #: 0.5NG Page 1 of 1
File Name : H:\TURBO6\6890-07\7a61087.raw
Date : 06/24/2008 16:14:22 Time of Injection: 06/23/2008 18:47:25
Method : 6890-7pcbins Start Time : 0.00 min End Time : 8.50 min Low Point : -11.91 mV High Point : 988.09 mV
Plot Offset: -11.91 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6946
 Operator : tchrom
 Sample Number : 0.6NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 19:05:35

Date : 06/24/2008 16:14:31
 Sample Name : ACM48SA
 Study : ACM
 Rack/Vial : 1/88
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 8

Raw Data File : H:\TURBO6\6890-07\7a61088.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61088.rst
 Inst Method : h:\turbo6\6890-07\7a61088-7pcbins from H:\TURBO6\6890-07\7a61088.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61088.rst
 Calib Method : h:\turbo6\6890-07\07a48(06-23-08).mth from H:\TURBO6\6890-07\7a61088.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-1cal.seq



2nd Source Check

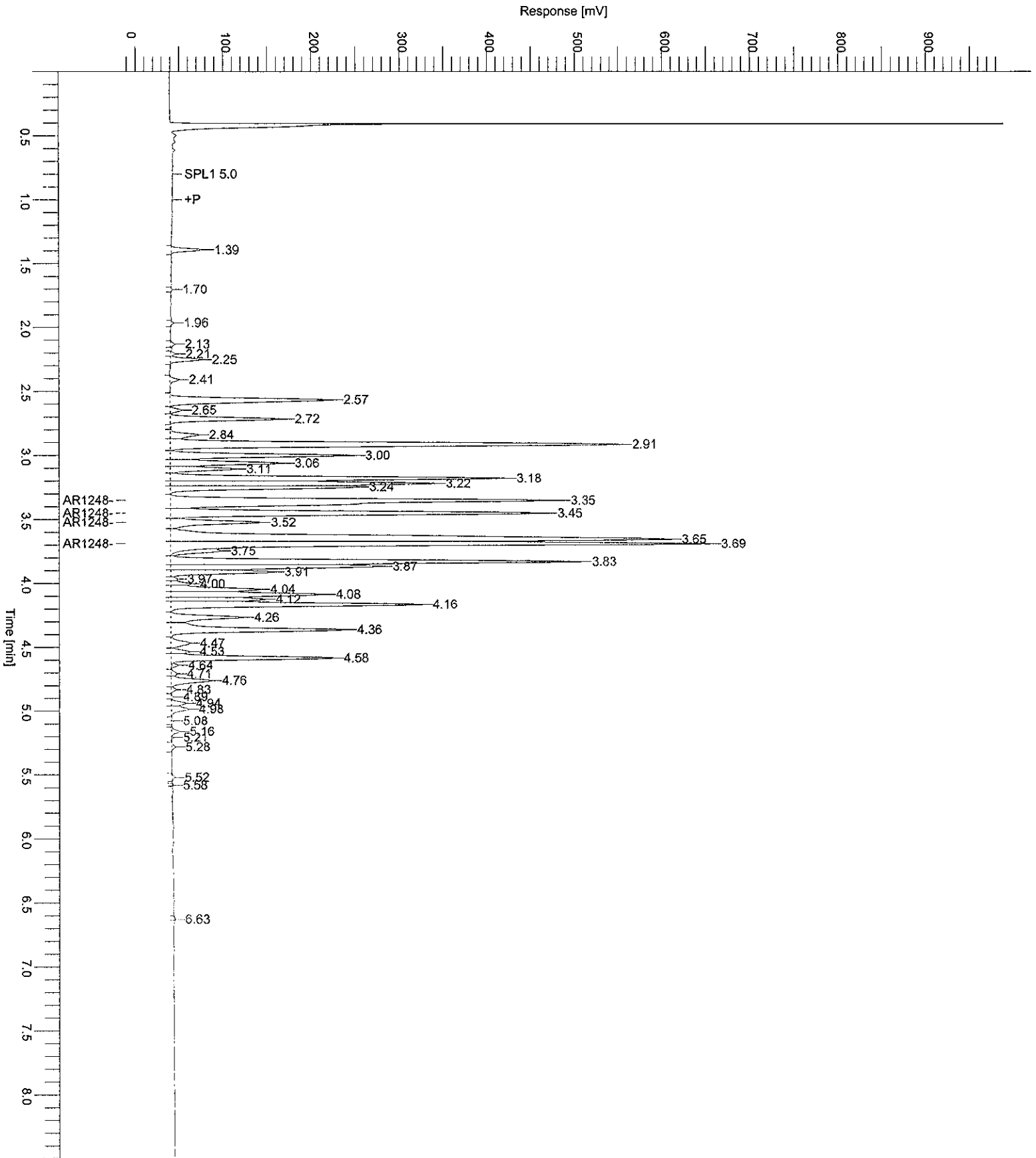
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.69		3450971	AR1248	0.5703	6.0513e+06	6.9019e+06	-5.0
		3450971		0.5703		6.9019e+06	

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Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.35	VV	1137627	AR1248-A	0.5972	1.9048e+06	2.2753e+06	-0.5
3.45	VV	900118	AR1248-B	0.5977	1.5060e+06	1.8002e+06	-0.4
3.52	VV	214890	AR1248-C	0.5841	3.6792e+05	4.2978e+05	-2.7
3.69	VE	1198336	AR1248-D	0.5273	2.2726e+06	2.3967e+06	-12.1
		3450971		2.3063		6.9019e+06	

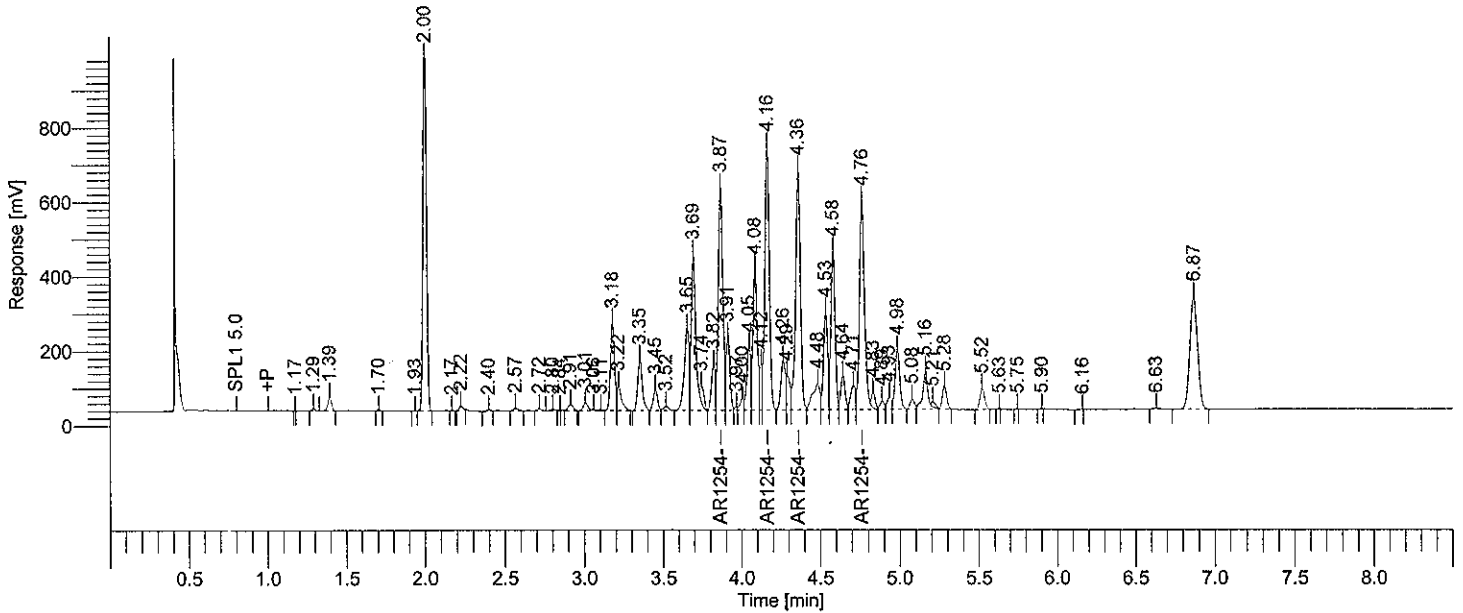
Sample Name : ACM48SA Sample #: 0.6NG Page 1 of 1
File Name : H:\TURBO6\6890-07\7a61088.raw
Date : 06/24/2008 16:14:32 Time of Injection: 06/23/2008 19:05:35
Method : 6890-7pcbins Start Time : 0.00 min End Time : 8.50 min Low Point : -11.63 mV High Point : 988.37 mV
Plot Offset: -11.63 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6948
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 19:23:55

Date : 06/24/2008 16:14:40
 Sample Name : ICM54BA
 Study : ICAL
 Rack/Vial : 1/89
 Channel : A
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 9

Raw Data File : H:\TURBO6\6890-07\7a61089.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61089.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7a61089.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61089.rst
 Calib Method : h:\turbo6\6890-07\07a54(06-23-08).mth from H:\TURBO6\6890-07\7a61089.rst
 Report Format File : h:\turbo6\6890-07\7\pcbssamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



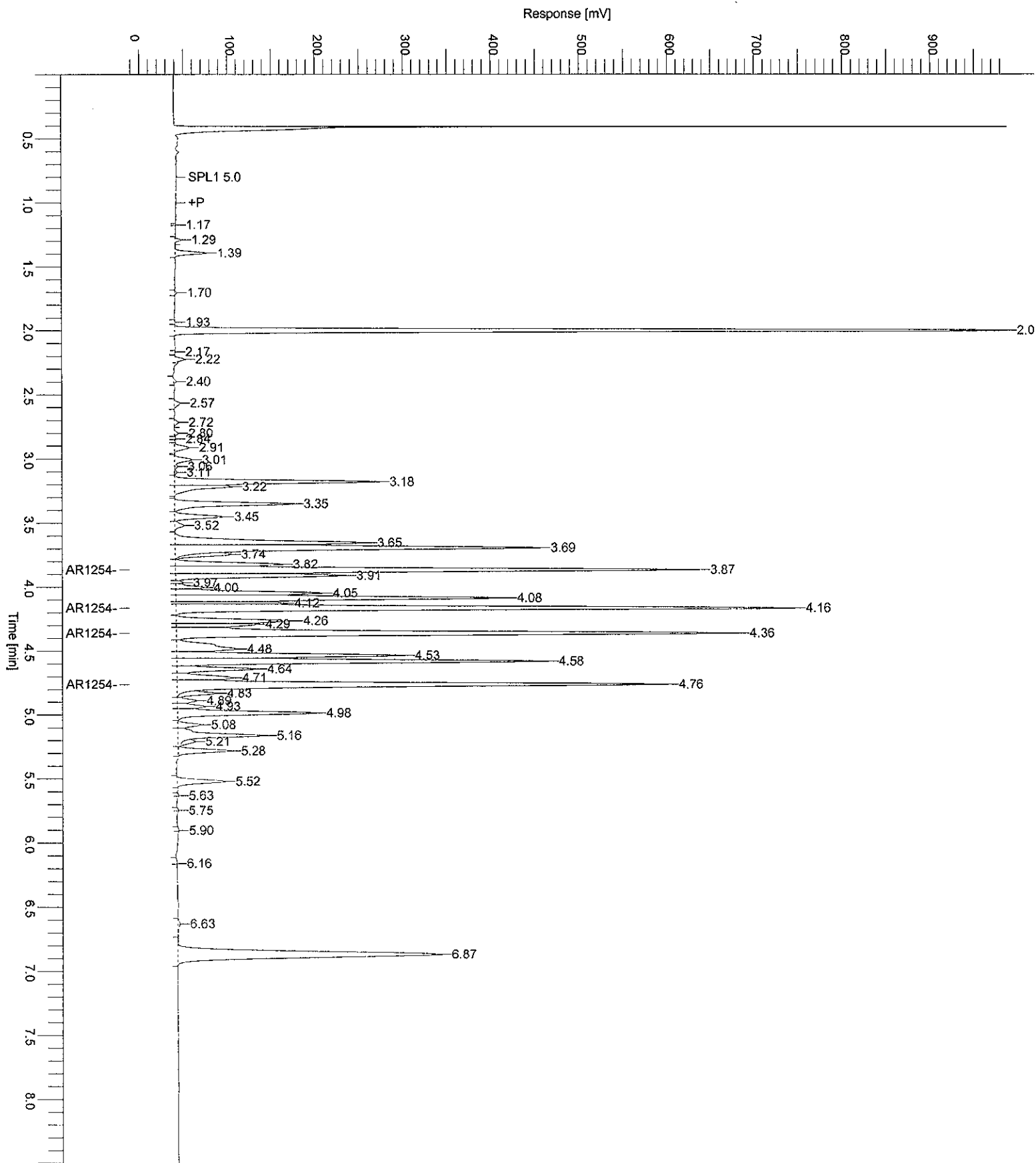
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	4.16		5134003	AR1254	0.50000	0.12500	4
			5134003			0.12500	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	3.87	VV	1161602	AR1254-A	0.50000	0.12500	4
34	4.16	VV	1375230	AR1254-B	0.50000	0.12500	4
37	4.36	VV	1382291	AR1254-C	0.50000	0.12500	4
43	4.76	VE	1214880	AR1254-D	0.50000	0.12500	4
			5134003			0.50000	

Processed by: [Signature]
 Reviewed by: [Signature] JUN 30 2008

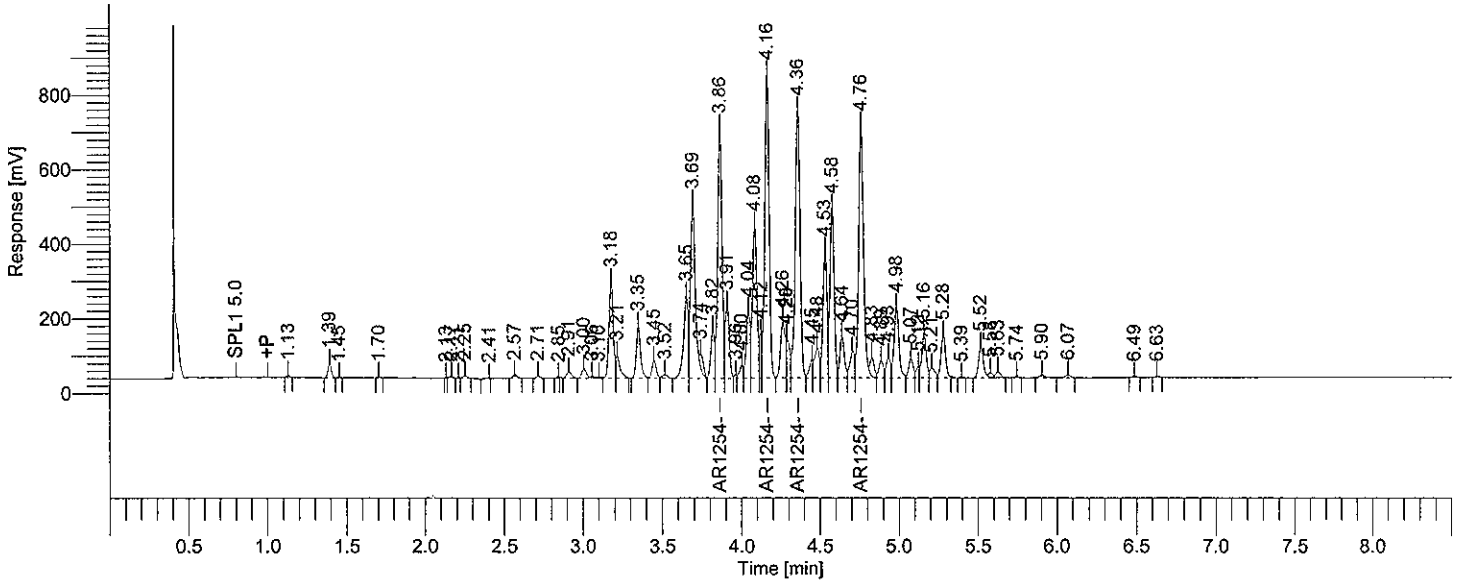
Sample Name : ICM54BA
File Name : H:\TURBO6\6890-07\7a61089.raw
Date : 06/24/2008 16:14:41
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -12.29 mV
Sample #: 0.5NG
Page 1 of 1
Time of Injection: 06/23/2008 19:23:55
End Time : 8.50 min
Low Point : -12.29 mV
High Point : 987.71 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6950
 Operator : tchrom
 Sample Number : 0.6NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 19:42:12

Date : 06/24/2008 16:14:49
 Sample Name : ACM54AA
 Study : ACM
 Rack/Vial : 1/90
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 10

Raw Data File : H:\TURBO6\6890-07\7a61090.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61090.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a61090.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61090.rst
 Calib Method : h:\turbo6\6890-07\07a54(06-23-08).mth from H:\TURBO6\6890-07\7a61090.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



2nd Source Check

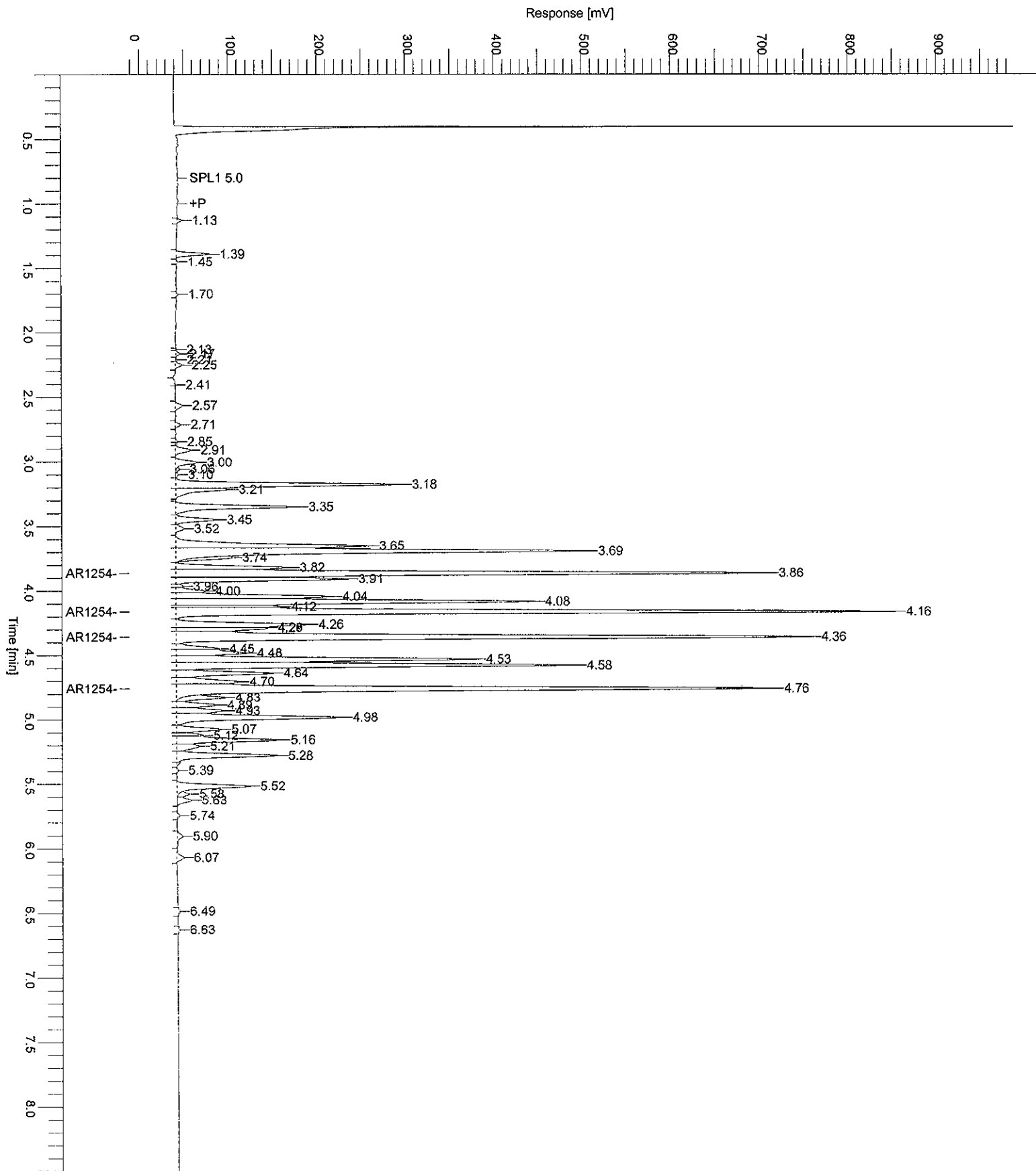
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.16		5918151	AR1254	0.5764	1.0268e+07	1.1836e+07	-3.9
		5918151		0.5764		1.1836e+07	

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Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.86	VV	1305628	AR1254-A	0.5620	2.3232e+06	2.6113e+06	-6.3
4.16	VV	1567758	AR1254-B	0.5700	2.7505e+06	3.1355e+06	-5.0
4.36	VV	1565646	AR1254-C	0.5663	2.7646e+06	3.1313e+06	-5.6
4.76	VE	1479120	AR1254-D	0.6088	2.4298e+06	2.9582e+06	1.5
		5918151		2.3071		1.1836e+07	

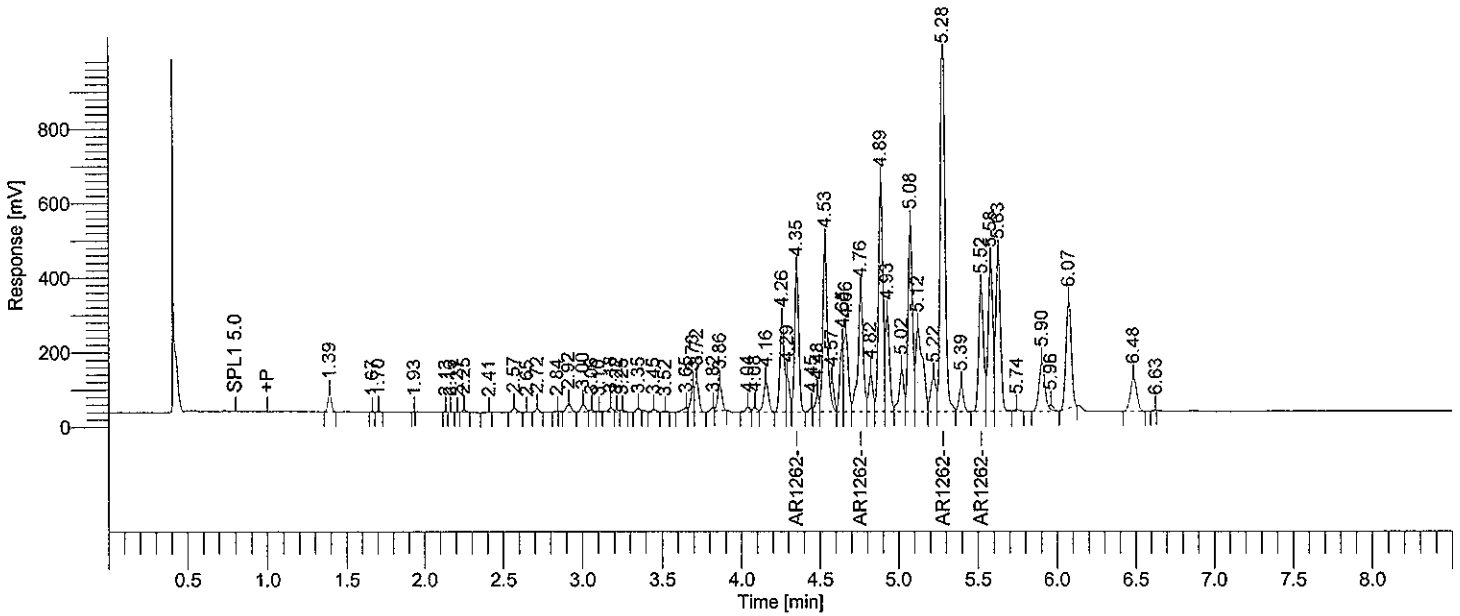
Sample Name : ACM54AA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7a61090.raw
Date : 06/24/2008 16:14:50 Time of Injection: 06/23/2008 19:42:12
Method : 6890-7pcbins
Start Time : 0.00 min End Time : 8.50 min Low Point : -12.25 mV High Point : 987.75 mV
Plot Offset: -12.25 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6952
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 20:00:21

Date : 06/24/2008 16:14:58
 Sample Name : ICM62FA
 Study : ICAL
 Rack/Vial : 1/91
 Channel : A
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 11

Raw Data File : H:\TURBO6\6890-07\7a61091.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61091.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a61091.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61091.rst
 Calib Method : h:\turbo6\6890-07\07a62(06-23-08).mth from H:\TURBO6\6890-07\7a61091.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	5.28		4481767	AR1262	0.50000	0.12500	4
			4481767			0.12500	

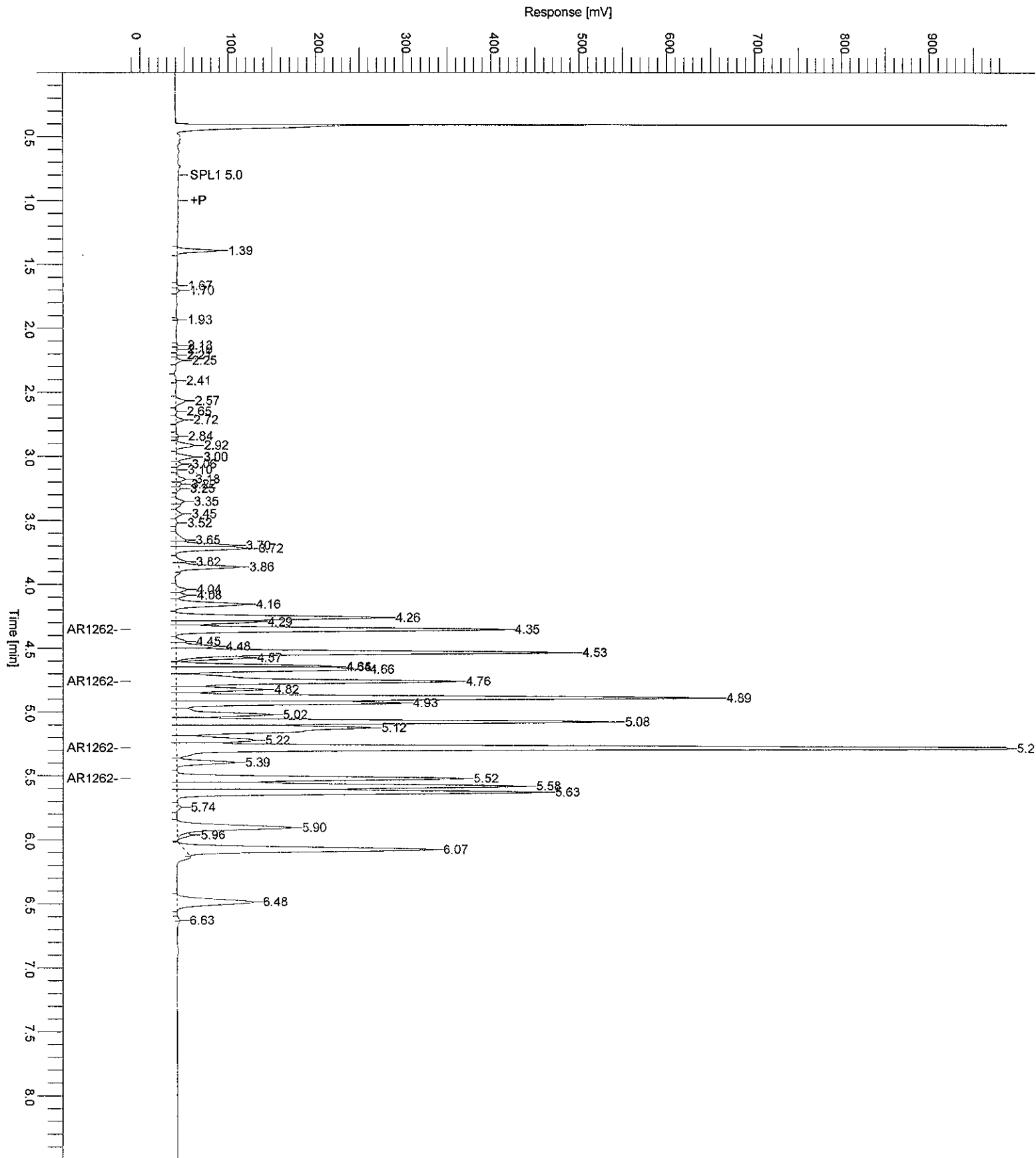
Group Report For : AR1262

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
34	4.35	VV	732227	AR1262-A	0.50000	0.12500	4
42	4.76	VV	769794	AR1262-B	0.50000	0.12500	4
50	5.28	VV	2282623	AR1262-C	0.50000	0.12500	4
52	5.52	VV	697122	AR1262-D	0.50000	0.12500	4
			4481767			0.50000	

Processed by: [Signature] 6/23/08
 Reviewed by: [Signature] JUN 13 0 2008

Sample Name : ICM62FA
FileName : H:\TURBO6\6890-07\7a61091.raw
Date : 06/24/2008 16:14:59
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -11.86 mV

Sample #: 0.5NG
Page 1 of 1
Time of Injection: 06/23/2008 20:00:21
End Time : 8.50 min
Low Point : -11.86 mV
High Point : 988.14 mV
Plot Scale: 1000.0 mV



```

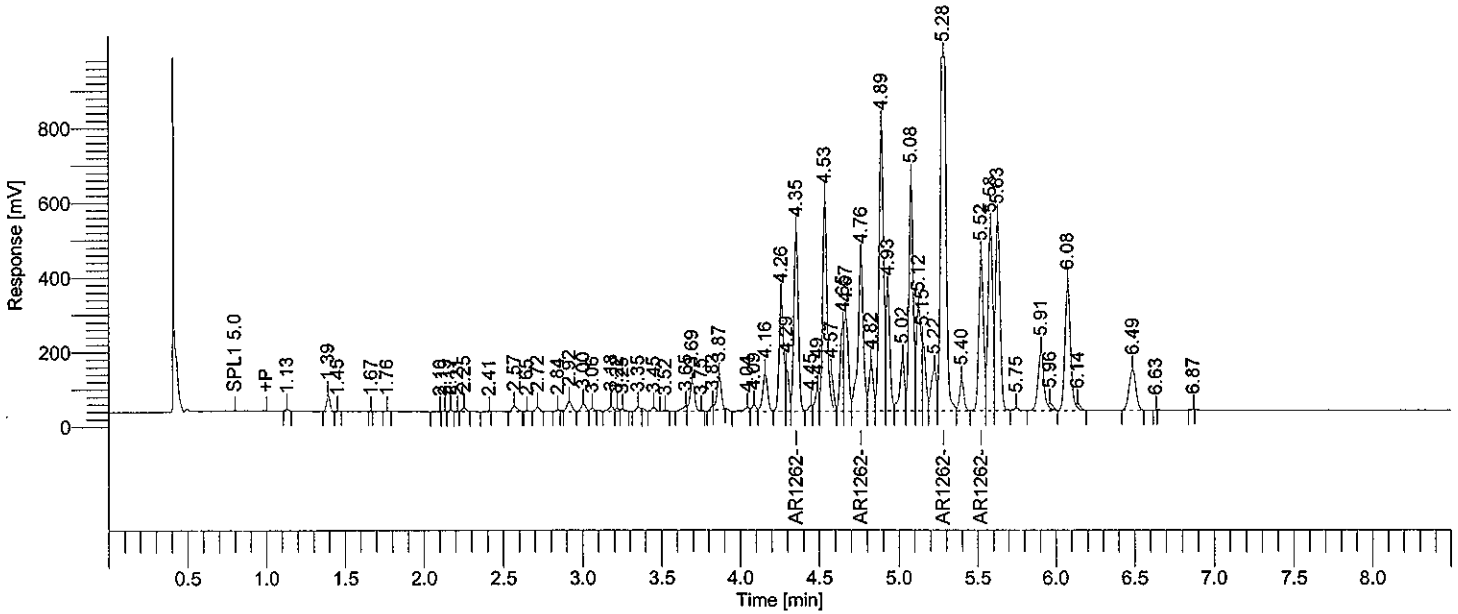
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 199036
Operator          : tchrom
Sample Number     : 0.6NG
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-07
Instrument Serial # : CN10448015
Delay Time        : 0.00 min
Sampling Rate     : 20.0000 pts/s
Sample Volume     : 1.000000 µL
Sample Amount     : 1.0000
Data Acquisition Time : 06/25/2008 09:23:10

Date              : 06/25/2008 09:33:59
Sample Name       : ACM62GA
Study             : ACM
Rack/Vial         : 1/4
Channel           : A
A/D mV Range     : 1000
End Time         : 12.94 min

Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 3
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a62004.raw <Modified>
Result File : H:\TURBO6\6890-07\7a62004.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a62004.raw
Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a62004.rst
Calib Method : h:\turbo6\6890-07\07a62(06-23-08).mth from H:\TURBO6\6890-07\7a62004.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-62.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
5.28		5590048	AR1262	0.6236	8.9635e+06	1.1180e+07	3.9
		5590048		0.6236		1.1180e+07	

J JUN 30 2008

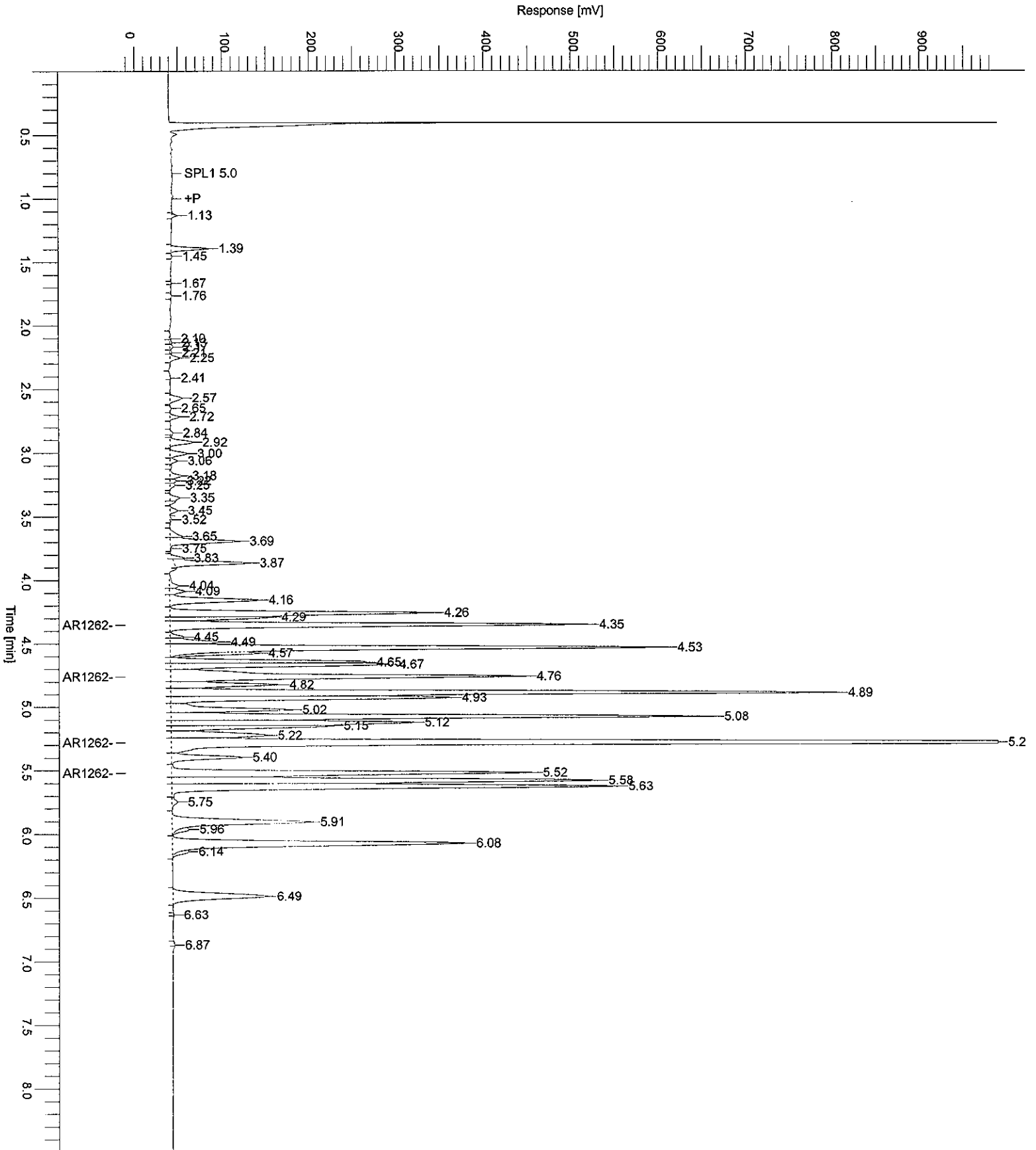
06/25/2008 09:33:59 Result: H:\TURBO6\6890-07\7a62004.rst

Group Report For : AR1262

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.35	VV	923377	AR1262-A	0.6305	1.4645e+06	1.8468e+06	5.1
4.76	VV	958117	AR1262-B	0.6223	1.5396e+06	1.9162e+06	3.7
5.28	VV	2840693	AR1262-C	0.6222	4.5652e+06	5.6814e+06	3.7
5.52	VV	867861	AR1262-D	0.6225	1.3942e+06	1.7357e+06	3.7
		5590048		2.4975		1.1180e+07	

Chromatogram

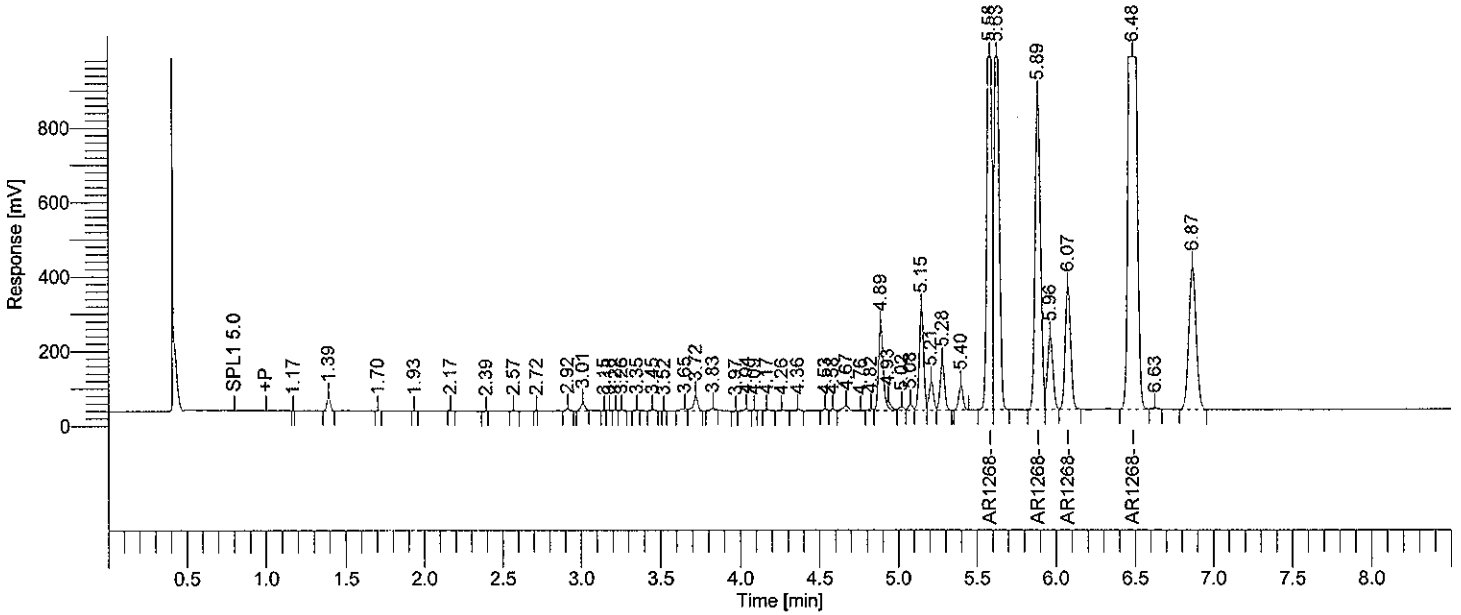
Sample Name : ACM62GA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7a62004.raw
Date : 06/25/2008 09:34:00
Method : 6890-7pcbns Time of Injection: 06/25/2008 09:23:10
Start Time : 0.00 min End Time : 8.50 min Low Point : -11.24 mV High Point : 988.76 mV
Plot Offset: -11.24 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6956
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 20:36:50

Date : 06/24/2008 16:15:15
 Sample Name : ICM68JA
 Study : ICAL
 Rack/Vial : 1/93
 Channel : A
 A/D mV Range : 1000
 End Time : 12.95 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 13

Raw Data File : H:\TURBO6\6890-07\7a61093.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61093.rst
 Inst Method : h:\turbo6\6890-07\7a-pcbins from H:\TURBO6\6890-07\7a61093.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61093.rst
 Calib Method : h:\turbo6\6890-07\07a68(06-23-08).mth from H:\TURBO6\6890-07\7a61093.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	6.48		12022528	AR1268	0.50000	0.12500	4
			12022528			0.12500	

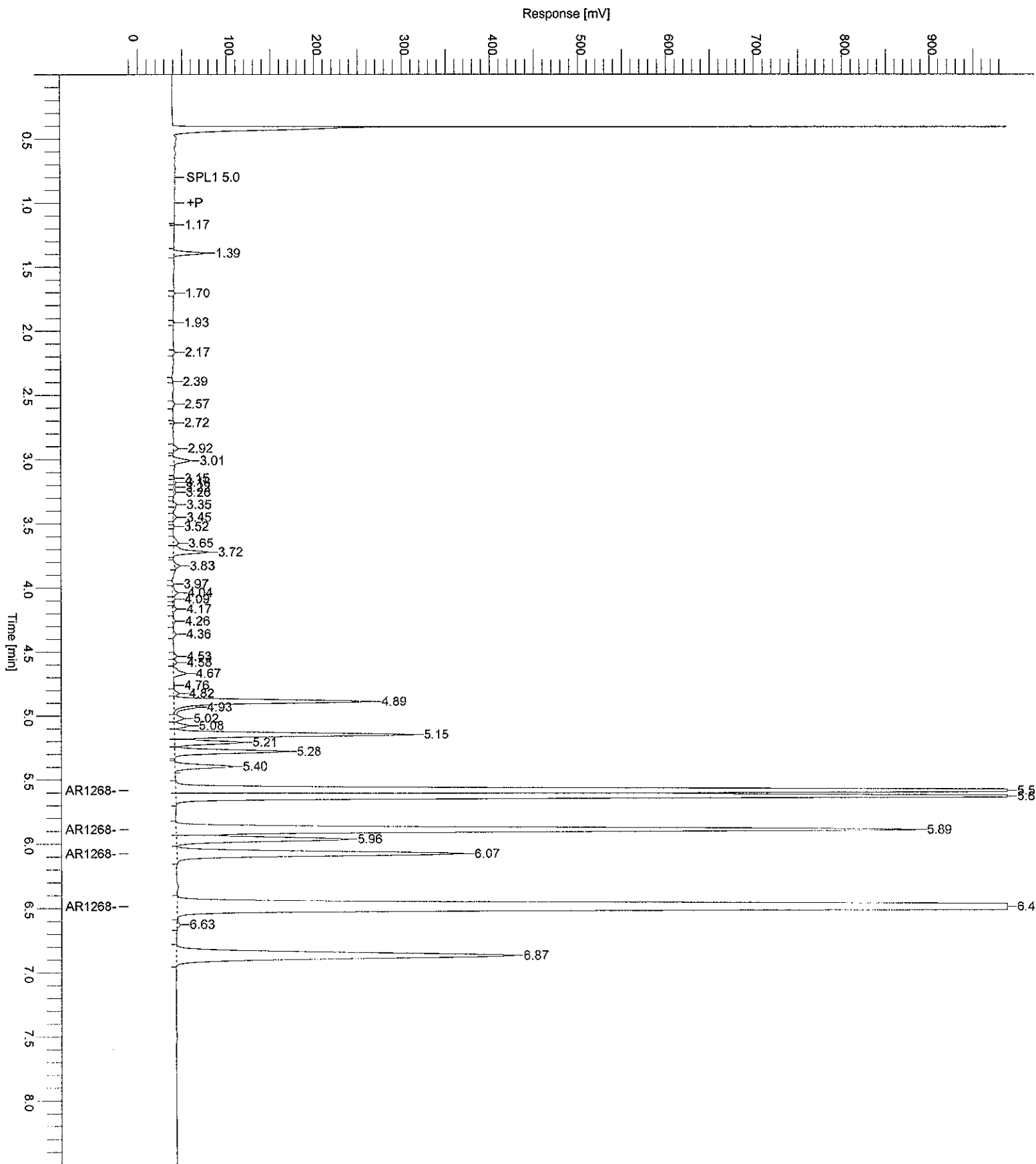
Group Report For : AR1268

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
40	5.58	VV	2569462	AR1268-A	0.50000	0.12500	4
42	5.89	BV	1993945	AR1268-B	0.50000	0.12500	4
44	6.07	VB	817900	AR1268-C	0.50000	0.12500	4
45	6.48	BV	6641222	AR1268-D	0.50000	0.12500	4
			12022528			0.50000	

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

Sample Name : ICM68JA
FileName : H:\TURBO6\6890-07\7a61093.raw
Date : 06/24/2008 16:15:17
Method : 6890-7pcbins
Plot Offset: -12.34 mV

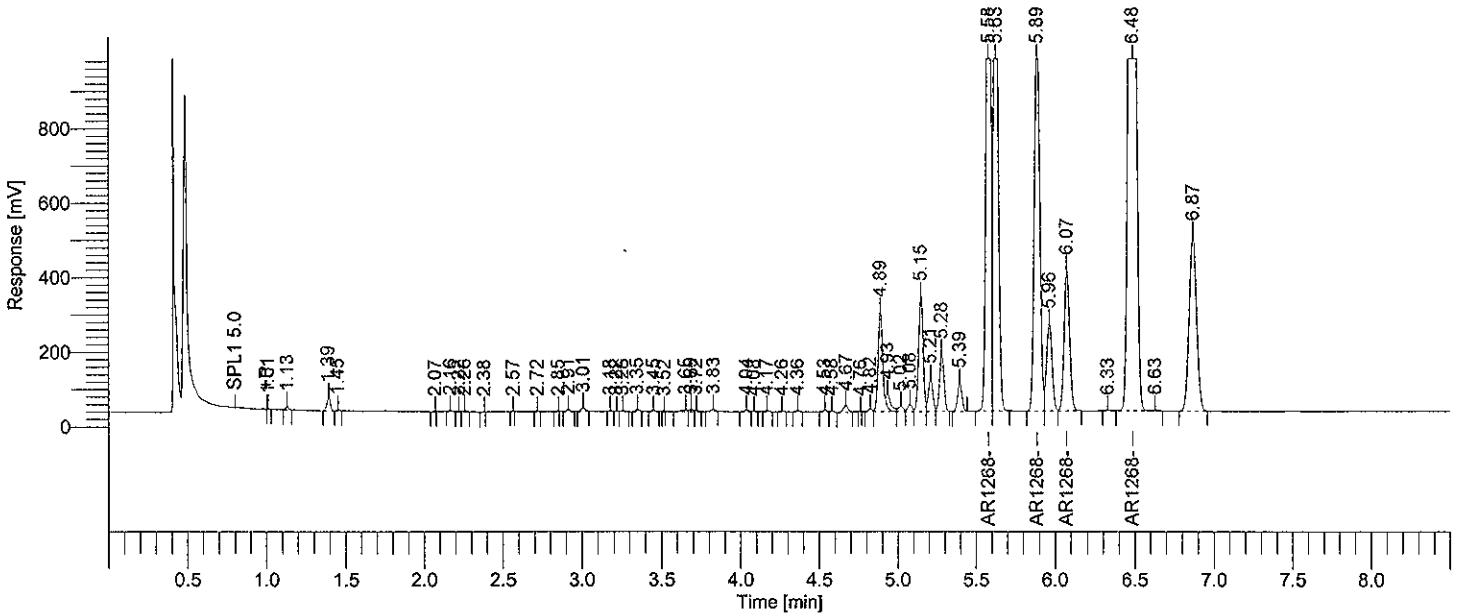
Sample #: 0.5NG
Page 1 of 1
Time of Injection: 06/23/2008 20:36:50
End Time : 8.50 min
Low Point : -12.34 mV
High Point : 987.66 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6958
 Operator : tchrom
 Sample Number : 0.6NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 20:55:01

Date : 06/24/2008 16:15:24
 Sample Name : ACM68FA
 Study : ACM
 Rack/Vial : 1/94
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 14

Raw Data File : H:\TURBO6\6890-07\7a61094.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a61094.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a61094.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a61094.rst
 Calib Method : h:\turbo6\6890-07\07a68(06-23-08).mth from H:\TURBO6\6890-07\7a61094.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
6.48		14374096	AR1268	0.5978	2.4045e+07	2.8748e+07	-0.4
		14374096		0.5978		2.8748e+07	

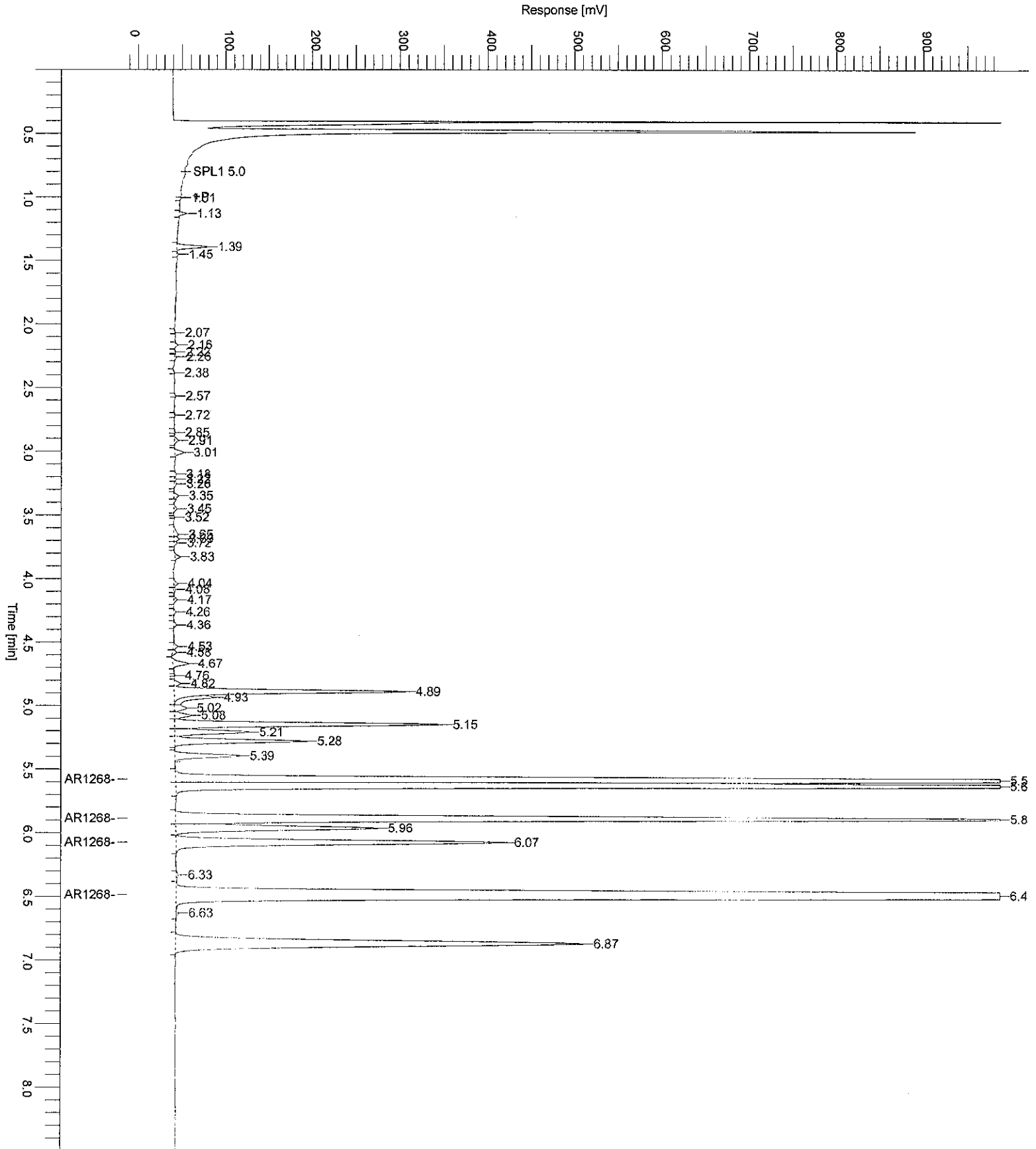
JUN 30 2008

Group Report For : AR1268

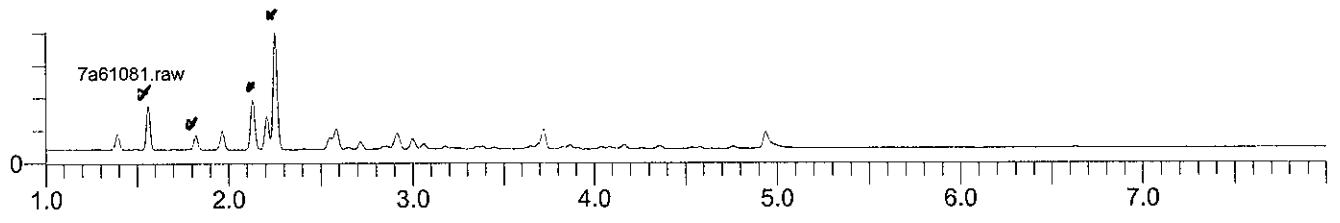
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
5.58	VV	3050222	AR1268-A	0.5936	5.1389e+06	6.1004e+06	-1.1
5.89	BV	2382057	AR1268-B	0.5973	3.9879e+06	4.7641e+06	-0.4
6.07	VB	940692	AR1268-C	0.5751	1.6358e+06	1.8814e+06	-4.2
6.48	VE	8001125	AR1268-D	0.6024	1.3282e+07	1.6002e+07	0.4
		14374096		2.3683		2.8748e+07	

Sample Name : ACM68FA
FileName : H:\TURBO6\6890-07\7a61094.raw
Date : 06/24/2008 16:15:25
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -12.29 mV

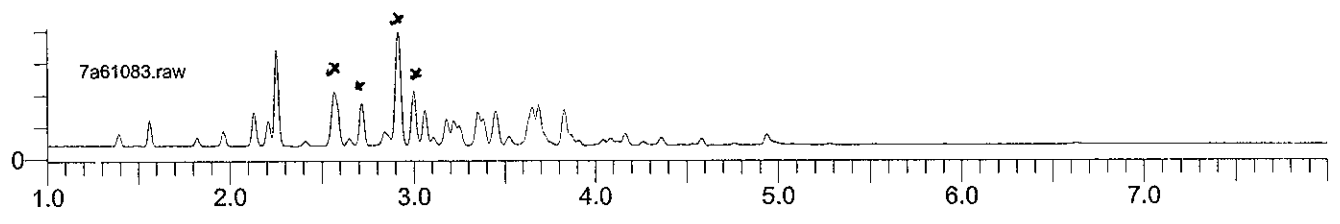
Sample #: 0.6NG
Page 1 of 1
Time of Injection: 06/23/2008 20:55:01
End Time : 8.50 min
Low Point : -12.29 mV
High Point : 987.71 mV
Plot Scale: 1000.0 mV



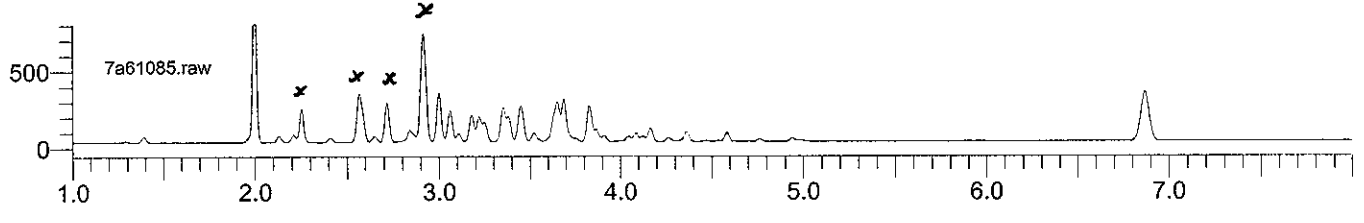
21



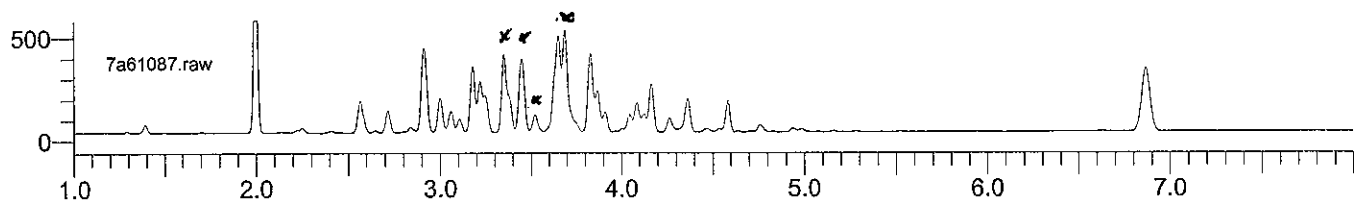
32



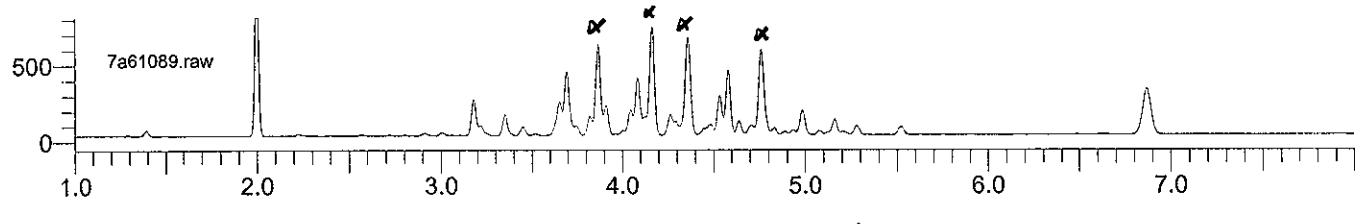
42



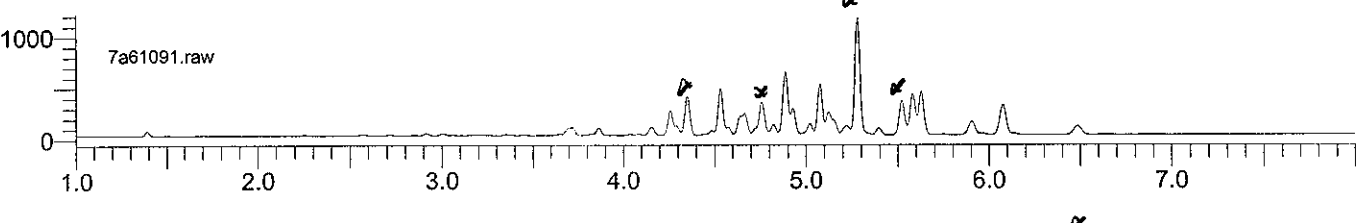
48



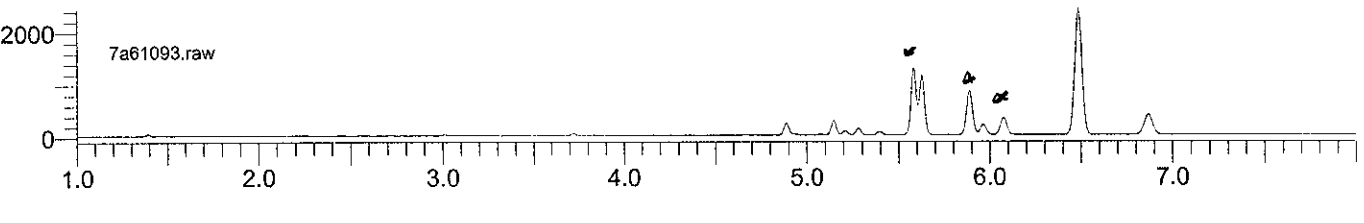
54



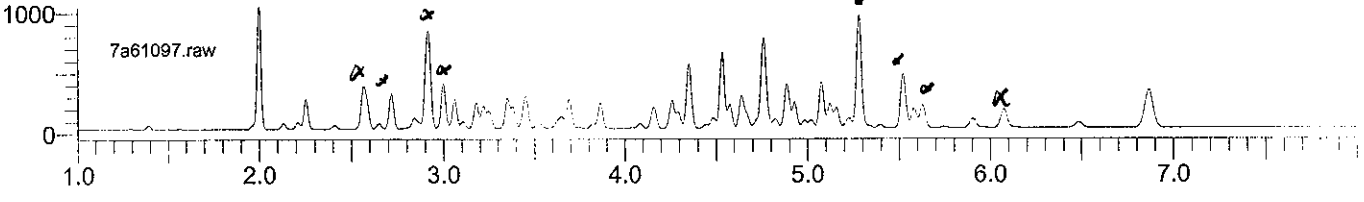
62



68



16/60



TotalChrom Method File H:\TURBO6\6890-07\07B66(06-23-08).mth <Modified>
 Printed by : RudzG on: 06/24/2008 17:13:42
 Created by : DelongG on: 06/24/2008 08:17:12
 Edited by : RudzG on: 06/24/2008 17:13:42
 Number of Times Edited : 6
 Number of Times Calibrated : 543
 Description: NEW 7 PT 1016/1260 CURVE FOR INST #7 06/23/08.

Global Sample Information

Default Sample Volume : 1.000 uL
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

TMX
 Component Type : Single Peak Component
 Retention Time : 1.642 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values
 Label :
 Value 1 : 0.030000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.020000

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	298329.61	235759.77	-----	-----	1
B	0.0100	612872.80	486133.16	-----	-----	1
C	0.0200	1213166.95	968464.29	-----	-----	1
D	0.0300	1795978.40	1.43e+06	-----	-----	1
E	0.0400	2373410.07	1.89e+06	-----	-----	1
F	0.0500	2719398.90	2.16e+06	-----	-----	1

Average Calibration Factor = 5.920012e+07 (%RSD = 4.16)

AR1016-A
 Component Type : Single Peak Component
 Retention Time : 2.029 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values
 Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	50214.93	37655.80	-----	-----	1
b	0.1000	101298.34	72708.46	-----	-----	1
c	0.2500	251585.13	174142.55	-----	-----	1
d	0.5000	450327.88	313410.55	-----	-----	1
e	1.0000	953345.73	663823.44	-----	-----	1
f	2.0000	1754445.47	1.24e+06	-----	-----	1
H	0.0250	23650.80	17817.95	-----	-----	1

Average Calibration Factor = 957268.379359 (%RSD = 5.64)

AR1016-B
 Component Type : Single Peak Component
 Retention Time : 2.341 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

06/24/2008 17:13:42 Method: H:\TURBO6\6890-07\07B66(06-23-08).mth

Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	117742.89	67167.20	-----	-----	1
b	0.1000	229519.64	131439.58	-----	-----	1
c	0.2500	544920.22	317188.19	-----	-----	1
d	0.5000	983618.48	573338.77	-----	-----	1
e	1.0000	2134506.34	1.24e+06	-----	-----	1
f	2.0000	4030379.91	2.35e+06	-----	-----	1
H	0.0250	57898.50	33686.12	-----	-----	1

Average Calibration Factor = 2.180373e+06 (%RSD = 6.93)

AR1016

Component Type : Named Group

Group Members

AR1016-A
 AR1016-B
 AR1016-C
 AR1016-D

Use Average Calibration Factor (Area / Amount)

Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.600000
 Value 4 : 0.000000
 Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	501699.69	270398.81	-----	-----	1
b	0.1000	1026748.16	542508.48	-----	-----	1
c	0.2500	2357112.43	1.32e+06	-----	-----	1
d	0.5000	4274607.51	2.42e+06	-----	-----	1
e	1.0000	9419166.61	5.34e+06	-----	-----	1
f	2.0000	18113661.84	1.02e+07	-----	-----	1
H	0.0250	233095.42	132570.29	-----	-----	1

Average Calibration Factor = 9.439851e+06 (%RSD = 6.10)

AR1016-C

Component Type : Single Peak Component

Retention Time : 2.648 min

Search Window : 3.00 s, 0.00 %

Reference Component :

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	242760.75	118913.21	-----	-----	1
b	0.1000	504525.99	243870.75	-----	-----	1
c	0.2500	1142709.36	599255.85	-----	-----	1
d	0.5000	2082405.77	1.11e+06	-----	-----	1
e	1.0000	4649142.64	2.51e+06	-----	-----	1
f	2.0000	9109320.55	4.84e+06	-----	-----	1
H	0.0250	109435.02	57893.37	-----	-----	1

Average Calibration Factor = 4.602475e+06 (%RSD = 6.32)

06/24/2008 17:13:42 Method: H:\TURBO6\6890-07\07B66(06-23-08).mth

AR1016-D

Component Type : Single Peak Component
 Retention Time : 2.761 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	90981.12	46662.60	-----	-----	1
b	0.1000	191404.20	94489.69	-----	-----	1
c	0.2500	417897.72	225530.91	-----	-----	1
d	0.5000	758255.39	415356.00	-----	-----	1
e	1.0000	1682171.90	924368.24	-----	-----	1
f	2.0000	3219515.91	1.74e+06	-----	-----	1
h	0.0250	42111.10	23172.85	-----	-----	1

Average Calibration Factor = 1.699734e+06 (%RSD = 7.72)

AR1260-A

Component Type : Single Peak Component
 Retention Time : 4.799 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	104079.18	60411.66	-----	-----	1
b	0.1000	212904.60	122059.50	-----	-----	1
c	0.2500	499721.64	297595.97	-----	-----	1
d	0.5000	949232.77	556905.69	-----	-----	1
e	1.0000	2135007.52	1.26e+06	-----	-----	1
f	2.0000	4260207.71	2.54e+06	-----	-----	1
H	0.0250	52880.21	30935.77	-----	-----	1

Average Calibration Factor = 2.069757e+06 (%RSD = 4.32)

AR1260-B

Component Type : Single Peak Component
 Retention Time : 4.937 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	225615.14	121937.27	-----	-----	1
b	0.1000	482209.36	253492.19	-----	-----	1
c	0.2500	1126375.05	628495.52	-----	-----	1
d	0.5000	2224574.02	1.18e+06	-----	-----	1
e	1.0000	5067493.60	2.79e+06	-----	-----	1
f	2.0000	10230289.66	5.68e+06	-----	-----	1
H	0.0250	117486.58	60863.77	-----	-----	1

06/24/2008 17:13:42 Method: H:\TURBO\6890-07\07B66(06-23-08).mth

Average Calibration Factor = 4.738735e+06 (%RSD = 5.76)

AR1260

Component Type : Named Group

Group Members

AR1260-A

AR1260-B

AR1260-C

AR1260-D

Use Average Calibration Factor (Area / Amount)

Component standard purity percentage : 100.0000%

User Values

Label :

Value 1 : 0.500000

Value 2 : 4.000000

Value 3 : 0.600000

Value 4 : 0.000000

Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	529494.51	277892.92	-----	-----	1
b	0.1000	1108634.02	573361.31	-----	-----	1
c	0.2500	2597566.63	1.40e+06	-----	-----	1
d	0.5000	4912150.41	2.60e+06	-----	-----	1
e	1.0000	11084605.25	6.04e+06	-----	-----	1
f	2.0000	22298018.78	1.23e+07	-----	-----	1
H	0.0250	266350.42	139786.92	-----	-----	1

Average Calibration Factor = 1.068263e+07 (%RSD = 4.48)

AR1260-C

Component Type : Single Peak Component

Retention Time : 5.269 min

Search Window : 3.00 s, 0.00 %

Reference Component :

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

Component standard purity percentage : 100.0000%

User Values

Label :

Value 1 : 0.500000

Value 2 : 4.000000

Value 3 : 0.000000

Value 4 : 0.000000

Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	151068.73	71127.47	-----	-----	1
b	0.1000	310345.30	146459.92	-----	-----	1
c	0.2500	737062.81	358452.65	-----	-----	1
d	0.5000	1309600.70	644925.00	-----	-----	1
e	1.0000	2923246.65	1.51e+06	-----	-----	1
f	2.0000	5907407.58	3.07e+06	-----	-----	1
H	0.0250	72069.21	35849.73	-----	-----	1

Average Calibration Factor = 2.921714e+06 (%RSD = 5.19)

AR1260-D

Component Type : Single Peak Component

Retention Time : 5.675 min

Search Window : 3.00 s, 0.00 %

Reference Component :

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

Component standard purity percentage : 100.0000%

User Values

Label :

Value 1 : 0.500000

Value 2 : 4.000000

Value 3 : 0.000000

Value 4 : 0.000000

Value 5 : 0.000000

06/24/2008 17:13:42 Method: H:\TURBO6\6890-07\07B66(06-23-08).mth

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	48731.46	24416.52	-----	-----	1
b	0.1000	103174.76	51349.69	-----	-----	1
c	0.2500	234407.13	117322.53	-----	-----	1
d	0.5000	428742.92	218398.99	-----	-----	1
e	1.0000	958857.48	485623.35	-----	-----	1
f	2.0000	1900113.83	976616.58	-----	-----	1
h	0.0250	23914.43	12137.65	-----	-----	1

Average Calibration Factor = 952426.103137 (%RSD = 5.44)

DCBP

Component Type : Single Peak Component
 Retention Time : 6.331 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.030000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.020000
 Value 6 : 0.010000
 Value 7 : 1.000000

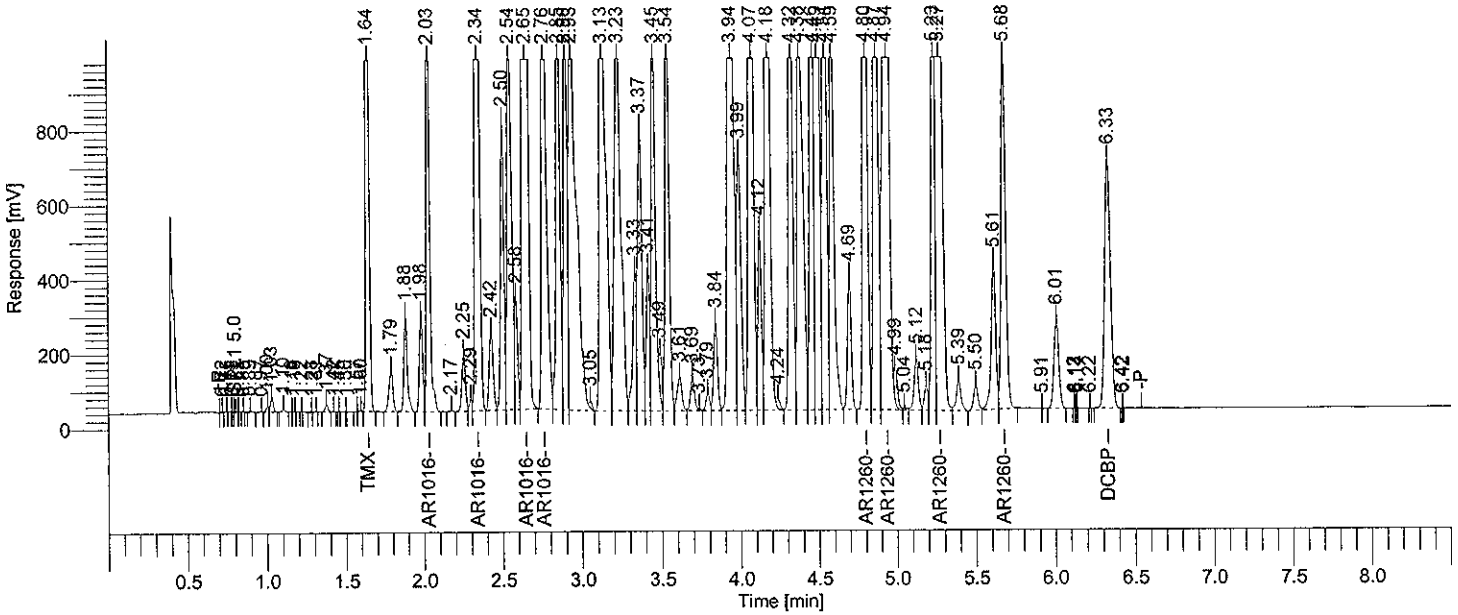
Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	181220.07	70437.03	-----	-----	1
B	0.0100	355866.93	136911.36	-----	-----	1
C	0.0200	682627.82	268016.06	-----	-----	1
D	0.0300	996027.79	392090.38	-----	-----	1
E	0.0400	1363390.10	534421.05	-----	-----	1
F	0.0500	1674483.00	666689.24	-----	-----	1

Average Calibration Factor = 3.445624e+07 (%RSD = 3.49)

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6961
 Operator : tchrom
 Sample Number : 2.0NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 21:13:18

Date : 06/24/2008 16:15:36
 Sample Name : ICM66VB
 Study : ICAL
 Rack/Vial : 1/95
 Channel : B
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 15

Raw Data File : H:\TURBO6\6890-07\7b61095.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61095.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7b61095.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61095.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b61095.rst
 Report Format File : h:\turbo6\6890-07\7\pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
23	1.64	VB	2719399	TMX	0.05000	-----	0
	2.65		18113662	AR1016	2.00000	0.50000	4
	4.94		22298019	AR1260	2.00000	0.50000	4
	6.33	BB	1674483	DCBP	0.05000	-----	0
			44805563			1.00000	

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	2.03	VB	1754445	AR1016-A	2.00000	0.50000	4
31	2.34	VV	4030380	AR1016-B	2.00000	0.50000	4
36	2.65	VB	9109321	AR1016-C	2.00000	0.50000	4
37	2.76	BV	3219516	AR1016-D	2.00000	0.50000	4
			18113662			2.00000	

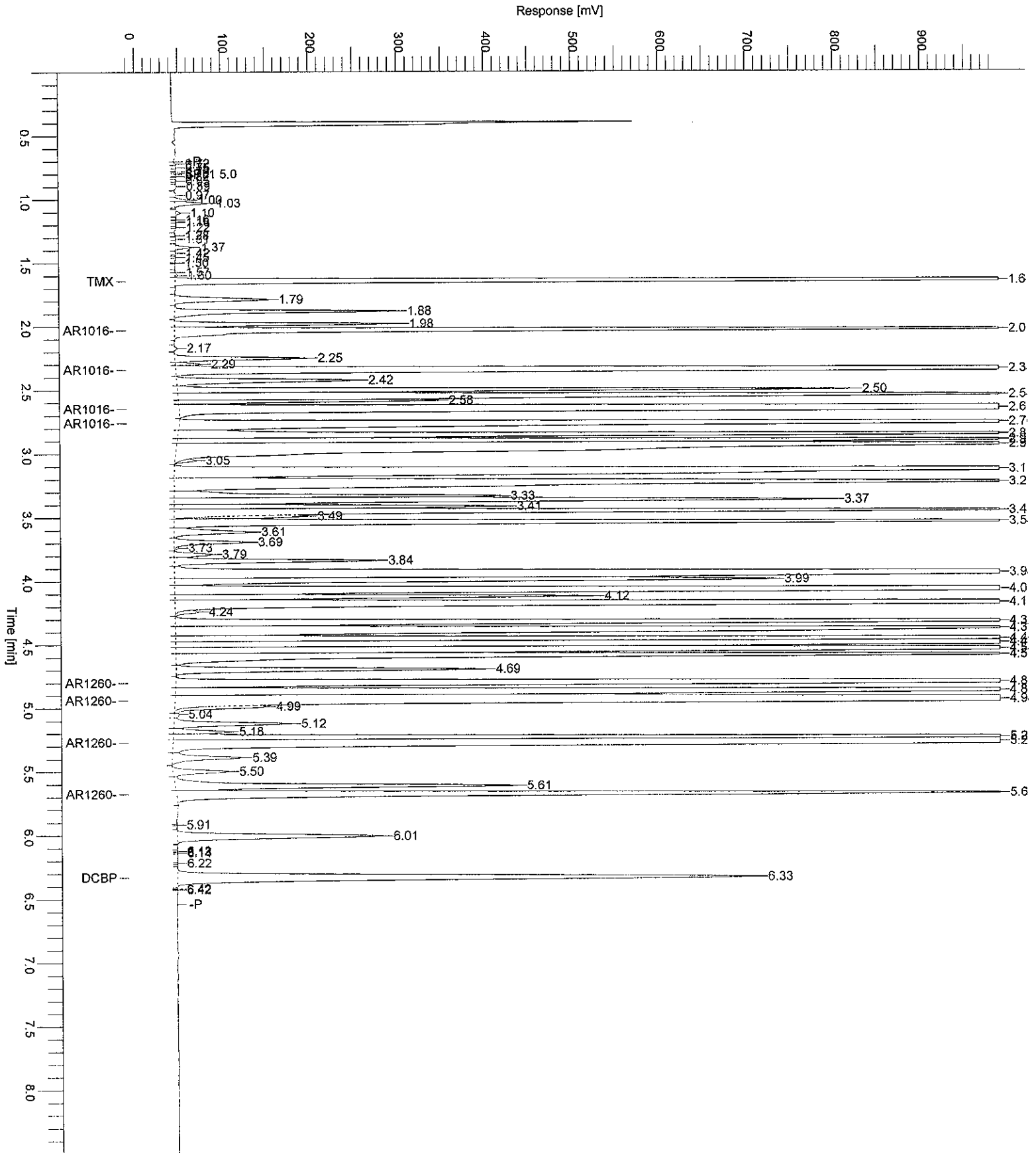
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
68	4.80	BV	4260208	AR1260-A	2.00000	0.50000	4
70	4.94	VE	10230290	AR1260-B	2.00000	0.50000	4
76	5.27	VV	5907408	AR1260-C	2.00000	0.50000	4
80	5.68	VB	1900114	AR1260-D	2.00000	0.50000	4
			22298019			2.00000	

Processed by: *[Signature]* 6/23/08
 Reviewed by: _____

Sample Name : ICM66VB
FileName : H:\TURBO6\6890-07\7b61095.raw
Date : 06/24/2008 16:15:37
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -10.70 mV

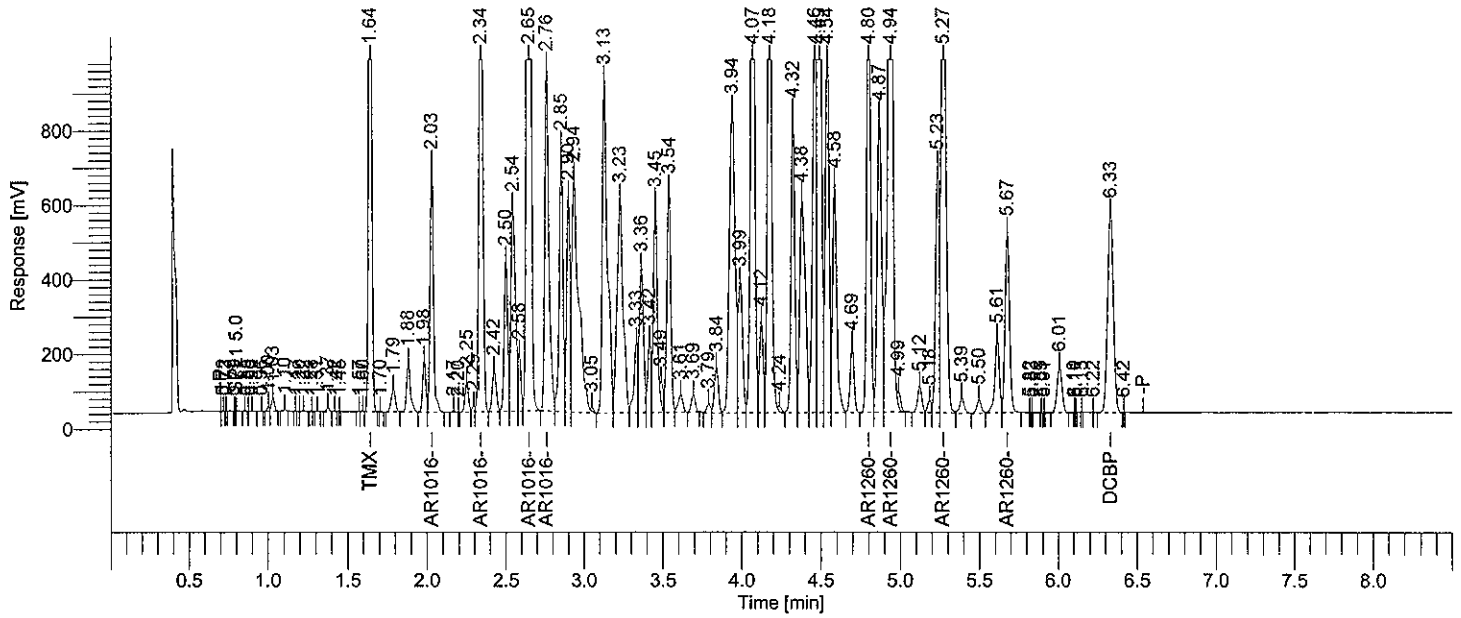
Sample #: 2.ONG
Page 1 of 1
Time of Injection: 06/23/2008 21:13:18
End Time : 8.50 min
Low Point : -10.70 mV
High Point : 989.30 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6963
 Operator : tchrom
 Sample Number : 1.0NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 21:31:27

Date : 06/24/2008 16:15:44
 Sample Name : ICM66VC
 Study : ICAL
 Rack/Vial : 1/96
 Channel : B
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 16

Raw Data File : H:\TURBO6\6890-07\7b61096.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61096.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b61096.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61096.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b61096.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
22	1.64	VB	2373410	TMX	0.04000	---	0
	2.65		9419167	AR1016	1.00000	0.25000	4
	4.94		11084605	AR1260	1.00000	0.25000	4
89	6.33	BB	1363390	DCBP	0.04000	---	0
						24240572	0.50000

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	2.03	VB	953346	AR1016-A	1.00000	0.25000	4
32	2.34	VV	2134506	AR1016-B	1.00000	0.25000	4
37	2.65	VB	4649143	AR1016-C	1.00000	0.25000	4
38	2.76	BV	1682172	AR1016-D	1.00000	0.25000	4
						9419167,	1.00000

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
68	4.80	BV	2135008	AR1260-A	1.00000	0.25000	4
70	4.94	VE	5067494	AR1260-B	1.00000	0.25000	4
75	5.27	VV	2923247	AR1260-C	1.00000	0.25000	4
79	5.67	VB	958857	AR1260-D	1.00000	0.25000	4
						11084605	1.00000

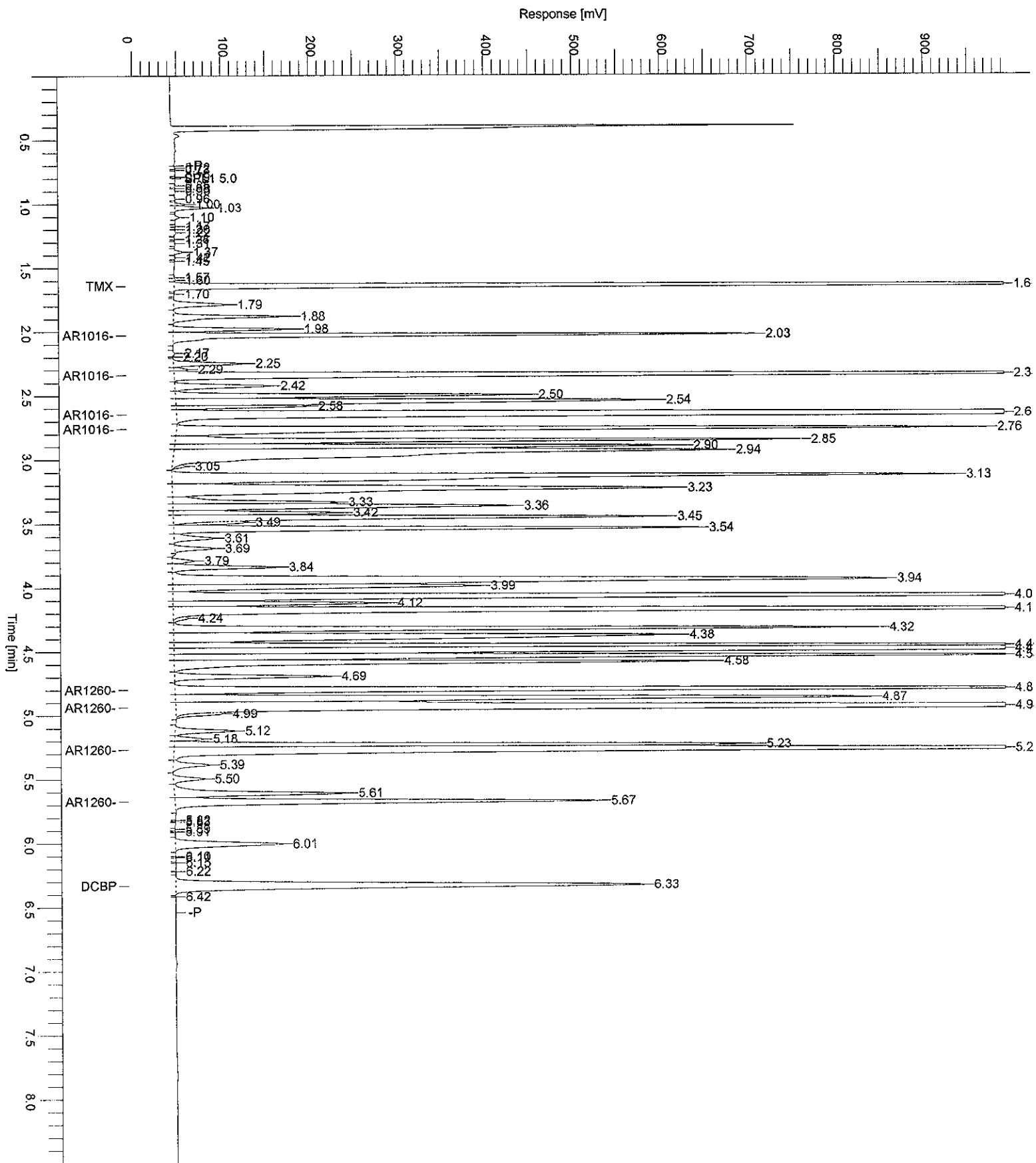
Processed by: *[Signature]*
 Reviewed by: *[Signature]*

Chromatogram

2478/4151

Sample Name : ICM66VC
FileName : H:\TURBO6\6890-07\7b61096.raw
Date : 06/24/2008 16:15:46
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -8.15 mV

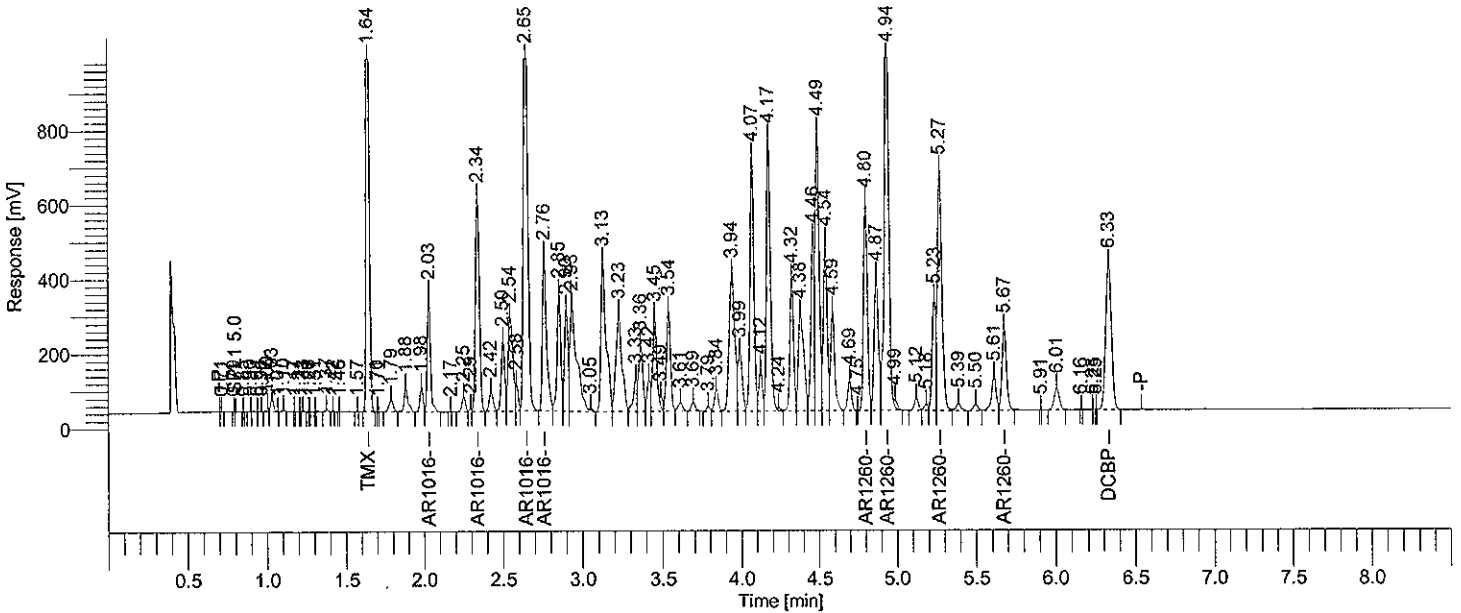
Sample #: 1.0NG
Page 1 of 1
Time of Injection: 06/23/2008 21:31:27
End Time : 8.50 min
Low Point : -8.15 mV
High Point : 991.85 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6965
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 21:49:46

Date : 06/24/2008 16:15:53
 Sample Name : ICM66VK
 Study : ICAL
 Rack/Vial : 1/97
 Channel : B
 A/D mV Range : 1000
 End Time : 12.95 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 17

Raw Data File : H:\TURBO6\6890-07\7b61097.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61097.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7b61097.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61097.rst
 Callb Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b61097.rst
 Report Format File : h:\turbo6\6890-07\7\pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
21	1.64	BB	1795978	TMX	0.03000	---	0
	2.65		4274608	AR1016	0.50000	0.12500	4
	4.94		4912150	AR1260	0.50000	0.12500	4
85	6.33	VB	996028	DCBP	0.03000	---	0
						11978764	0.25000

Processed by: BW 6/30/08
 Reviewed by: _____

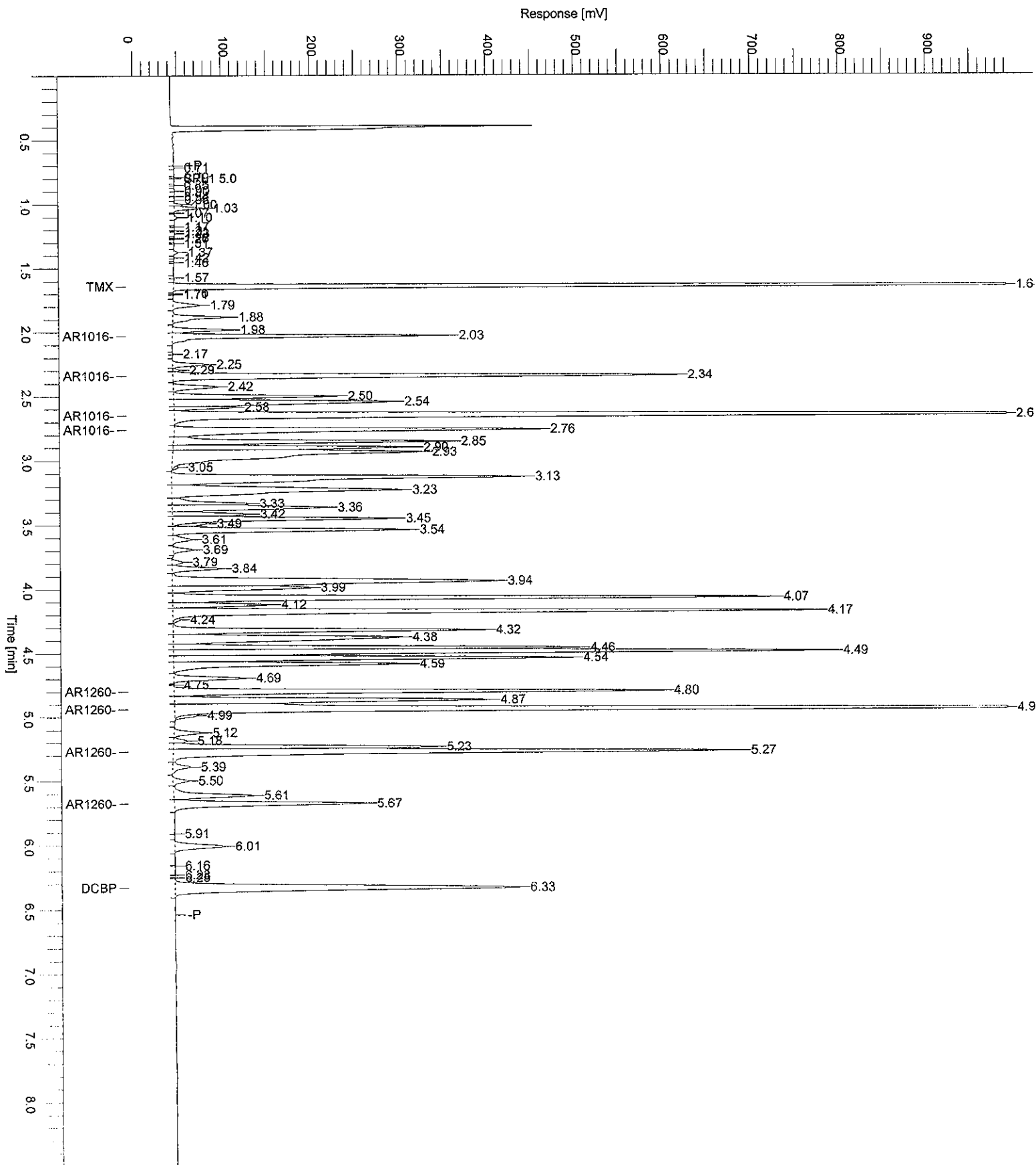
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	2.03	VB	450328	AR1016-A	0.50000	0.12500	4
31	2.34	VB	983618	AR1016-B	0.50000	0.12500	4
36	2.65	VB	2082406	AR1016-C	0.50000	0.12500	4
37	2.76	BV	758255	AR1016-D	0.50000	0.12500	4
					4274608	0.50000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
68	4.80	VV	949233	AR1260-A	0.50000	0.12500	4
70	4.94	VE	2224574	AR1260-B	0.50000	0.12500	4
75	5.27	VV	1309601	AR1260-C	0.50000	0.12500	4
79	5.67	VB	428743	AR1260-D	0.50000	0.12500	4
					4912150	0.50000	

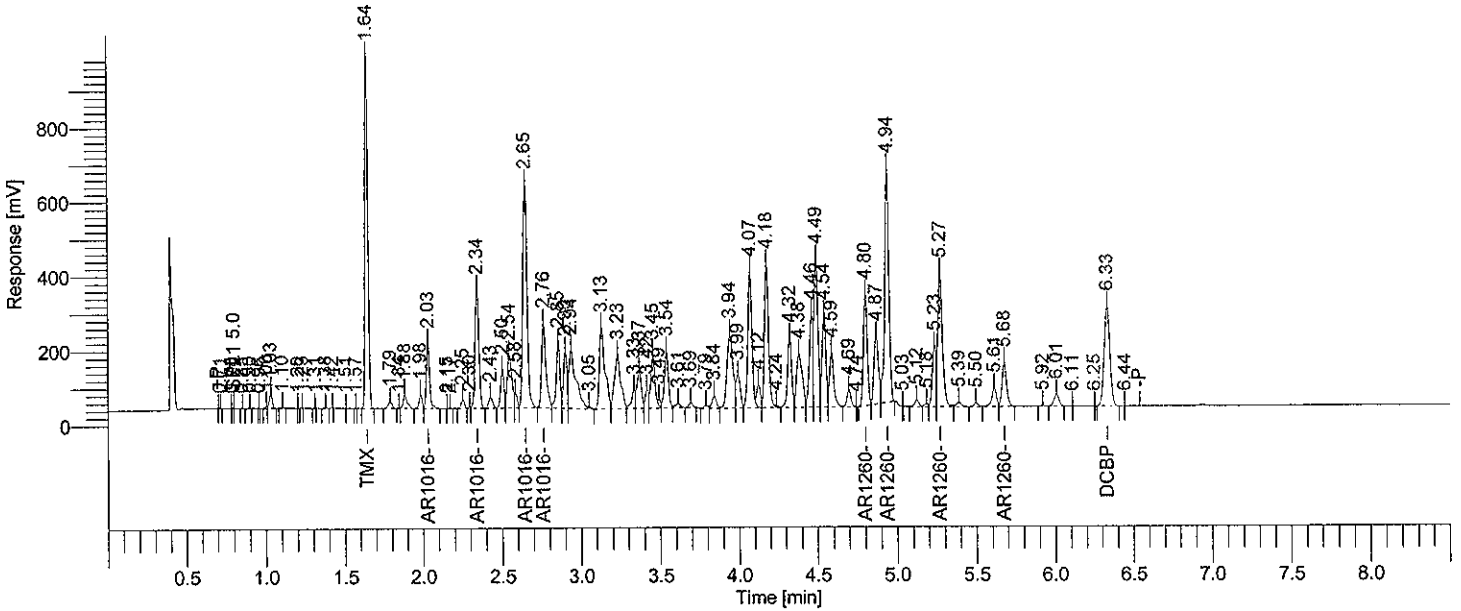
Sample Name : ICM66VK Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7b61097.raw
Date : 06/24/2008 16:15:54
Method : 6890-7pcbins Time of Injection: 06/23/2008 21:49:46
Start Time : 0.00 min End Time : 8.50 min Low Point : -8.79 mV High Point : 991.21 mV
Plot Offset: -8.79 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6967
 Operator : tchom
 Sample Number : 0.25NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 22:07:57

Date : 06/24/2008 16:16:01
 Sample Name : ICM66VE
 Study : ICAL
 Rack/Vial : 1/98
 Channel : B
 A/D mV Range : 1000
 End Time : 12.95 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 18

Raw Data File : H:\TURBO6\6890-07\7b61098.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61098.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7b61098.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61098.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b61098.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.64	BB	1213167	TMX	0.02000	-----	0
	2.65		2357112	AR1016	0.25000	0.06250	4
	4.94		2597567	AR1260	0.25000	0.06250	4
80	6.33	VB	682628	DCBP	0.02000	-----	0
			6850474			0.12500	

Group Report For : AR1016

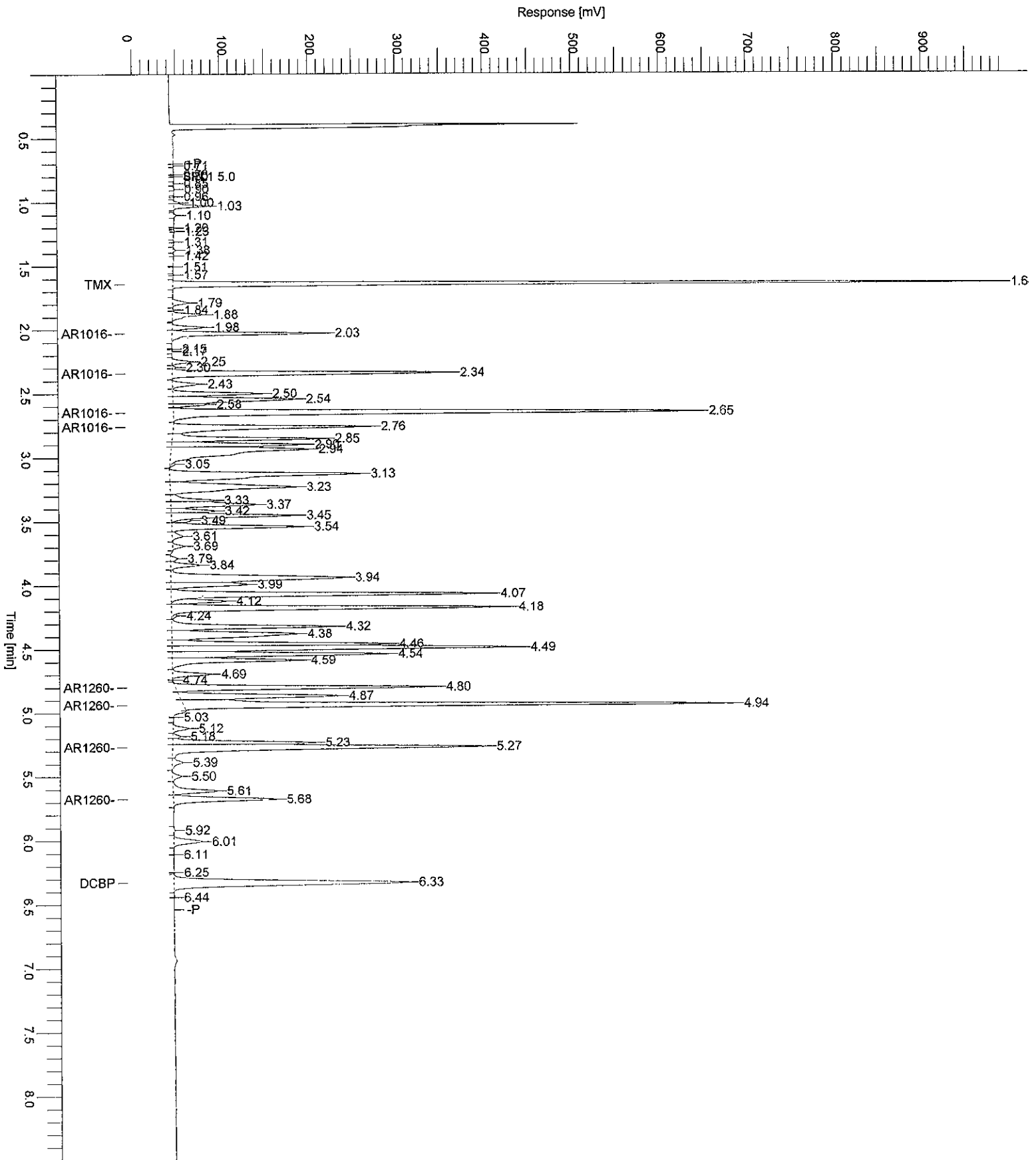
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
22	2.03	VB	251585	AR1016-A	0.25000	0.06250	4
27	2.34	VB	544920	AR1016-B	0.25000	0.06250	4
32	2.65	VB	1142709	AR1016-C	0.25000	0.06250	4
33	2.76	BV	417898	AR1016-D	0.25000	0.06250	4
			2357112			0.25000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
64	4.80	BV	499722	AR1260-A	0.25000	0.06250	4
66	4.94	VB	1126375	AR1260-B	0.25000	0.06250	4
71	5.27	VV	737063	AR1260-C	0.25000	0.06250	4
75	5.68	VB	234407	AR1260-D	0.25000	0.06250	4
			2597567			0.25000	

Processed by: *RW 6/30/08*
 Reviewed by: _____

Sample Name : ICM66VE
File Name : H:\TURBO6\6890-07\7b61098.raw
Date : 06/24/2008 16:16:02
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -9.07 mV
Sample #: 0.25NG
Page 1 of 1
Time of Injection: 06/23/2008 22:07:57
End Time : 8.50 min
Low Point : -9.07 mV
High Point : 990.93 mV
Plot Scale: 1000.0 mV



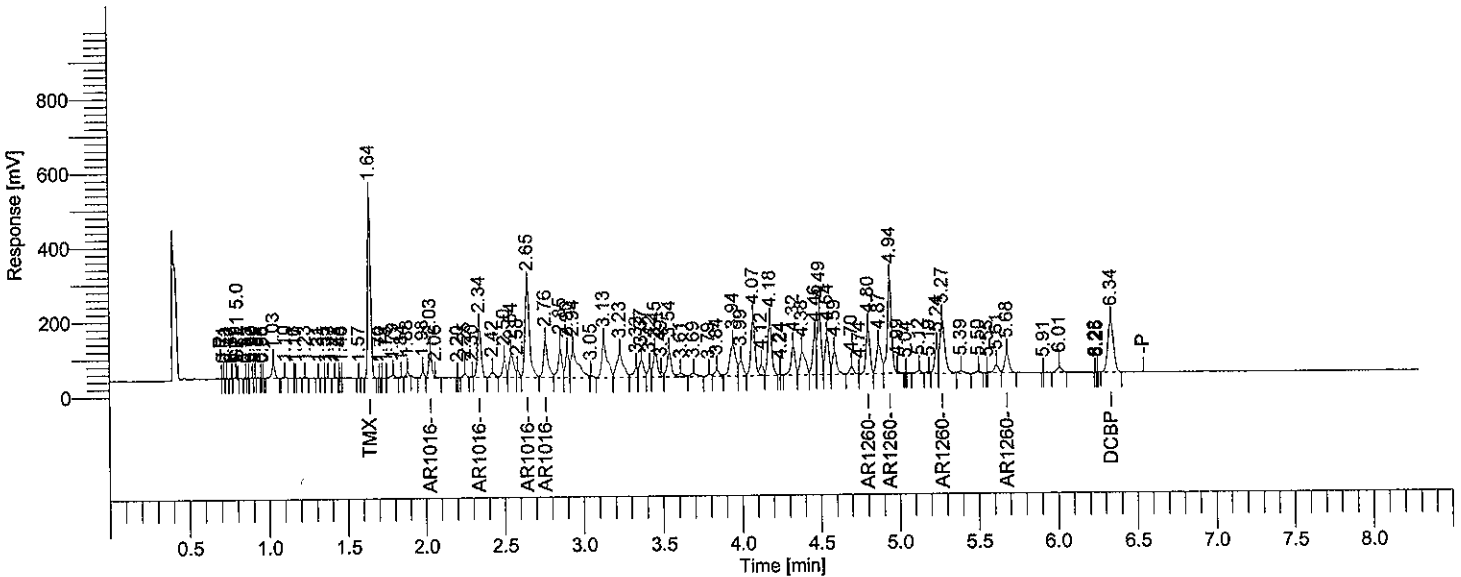
Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 7028
 Operator : tchrom
 Sample Number : 0.1ng
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/24/2008 16:59:47

Date : 06/30/2008 09:28:58

Sample Name : ICM66VF
 Study : ICAL
 Rack/Vial : 1/1
 Channel : B
 A/D mV Range : 1000
 End Time : 8.29 min

Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-07\7b62001.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b62001.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7b62001.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b62001.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b62001.rst
 Report Format File: h:\turbo6\6890-07\7\pcbssamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-62.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
24	1.64	BB	612873	TMX	0.01035	---	0
	2.65		1026748	AR1016	0.10877	0.02719	4
	4.94		1108634	AR1260	0.10378	0.02594	4
93	6.34	VB	355867	DCBP	0.01033	---	0
						0.05314	

Group Report For : AR1016

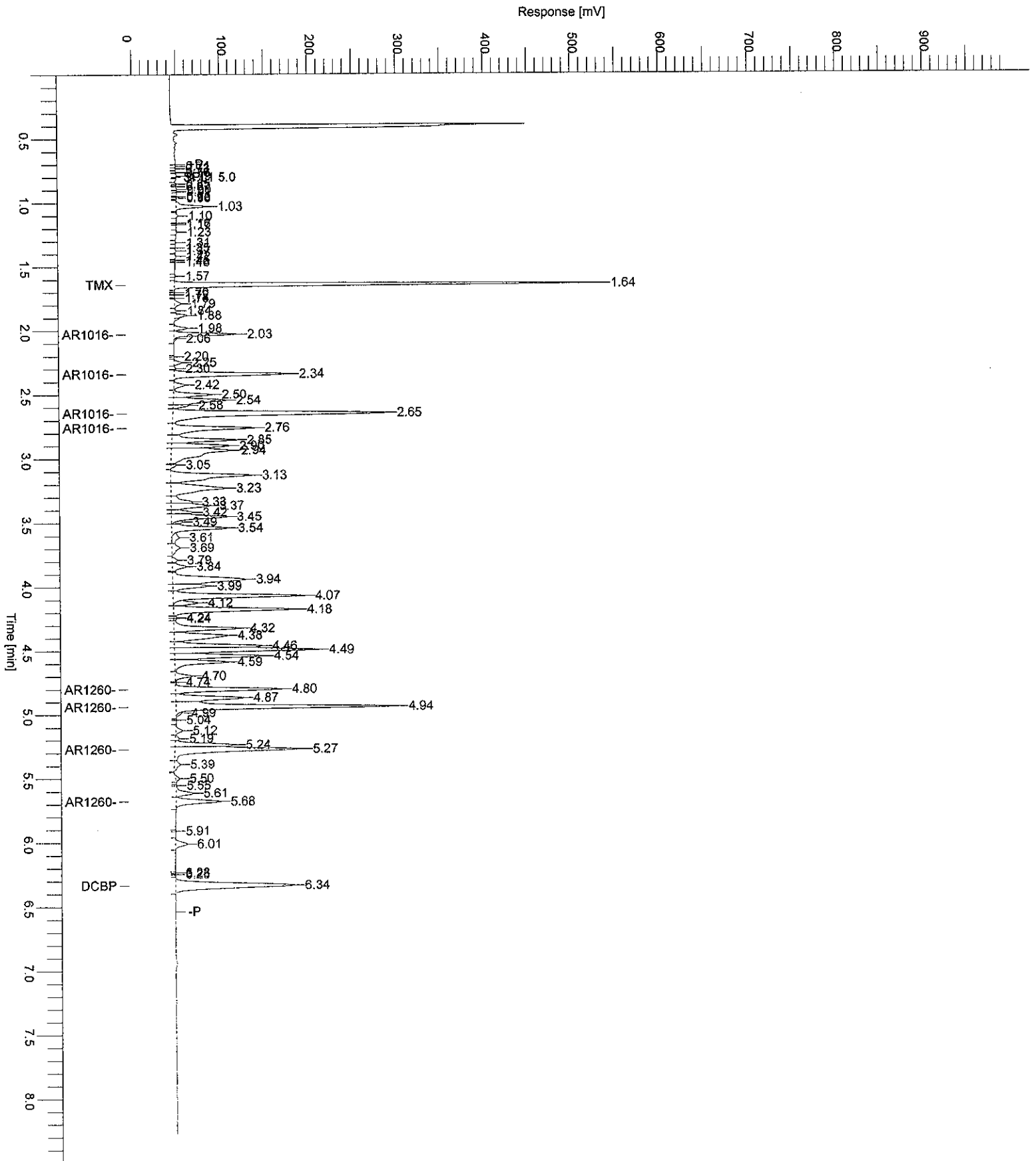
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
32	2.03	VE	101298	AR1016-A	0.10582	0.02646	4
37	2.34	VB	229520	AR1016-B	0.10527	0.02632	4
42	2.65	VV	504526	AR1016-C	0.10962	0.02741	4
43	2.76	VV	191404	AR1016-D	0.11261	0.02815	4
						0.10833	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
75	4.80	VV	212905	AR1260-A	0.10286	0.02572	4
77	4.94	VE	482209	AR1260-B	0.10176	0.02544	4
83	5.27	VV	310345	AR1260-C	0.10622	0.02656	4
88	5.68	VB	103175	AR1260-D	0.10833	0.02708	4
						0.10479	

Processed by: 6/30/08
 Reviewed by:

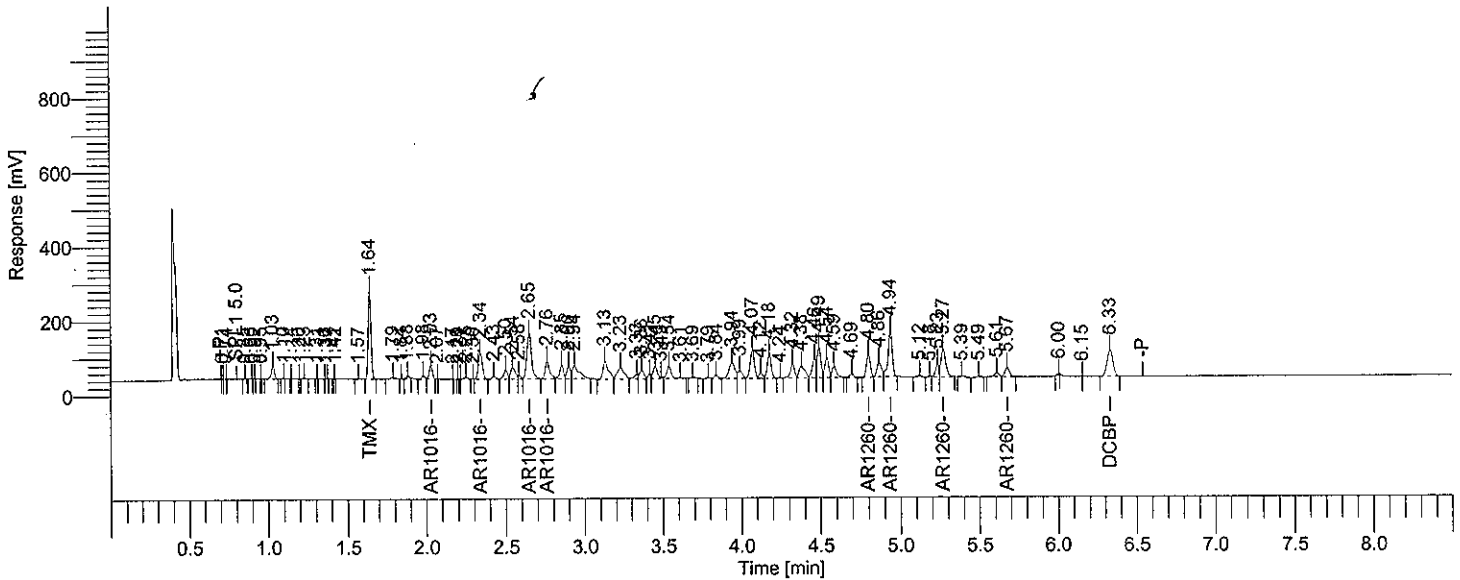
Sample Name : ICM66VF Sample #: 0.1ng Page 1 of 1
FileName : H:\TURBO6\6890-0717b62001.raw
Date : 06/30/2008 09:29:01 Time of Injection: 06/24/2008 16:59:47
Method : NoInstFile
Start Time : 0.00 min End Time : 8.50 min Low Point : -8.15 mV High Point : 991.85 mV
Plot Offset: -8.15 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6971
 Operator : tchrom
 Sample Number : 0.05NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 22:42:49

Date : 06/24/2008 16:16:16
 Sample Name : ICM66VG
 Study : ICAL
 Rack/Vial : 1/100
 Channel : B
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 20

Raw Data File : H:\TURBO6\6890-07\7b61100.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61100.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7b61100.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61100.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b61100.rst
 Report Format File : h:\turbo6\6890-07\7\pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.64	VB	298330	TMX	0.00500	-----	0
	2.65		501700	AR1016	0.05000	0.01250	4
	4.94		529495	AR1260	0.05000	0.01250	4
78	6.33	BB	181220	DCBP	0.00500	-----	0
						0.02500	

Group Report For : AR1016

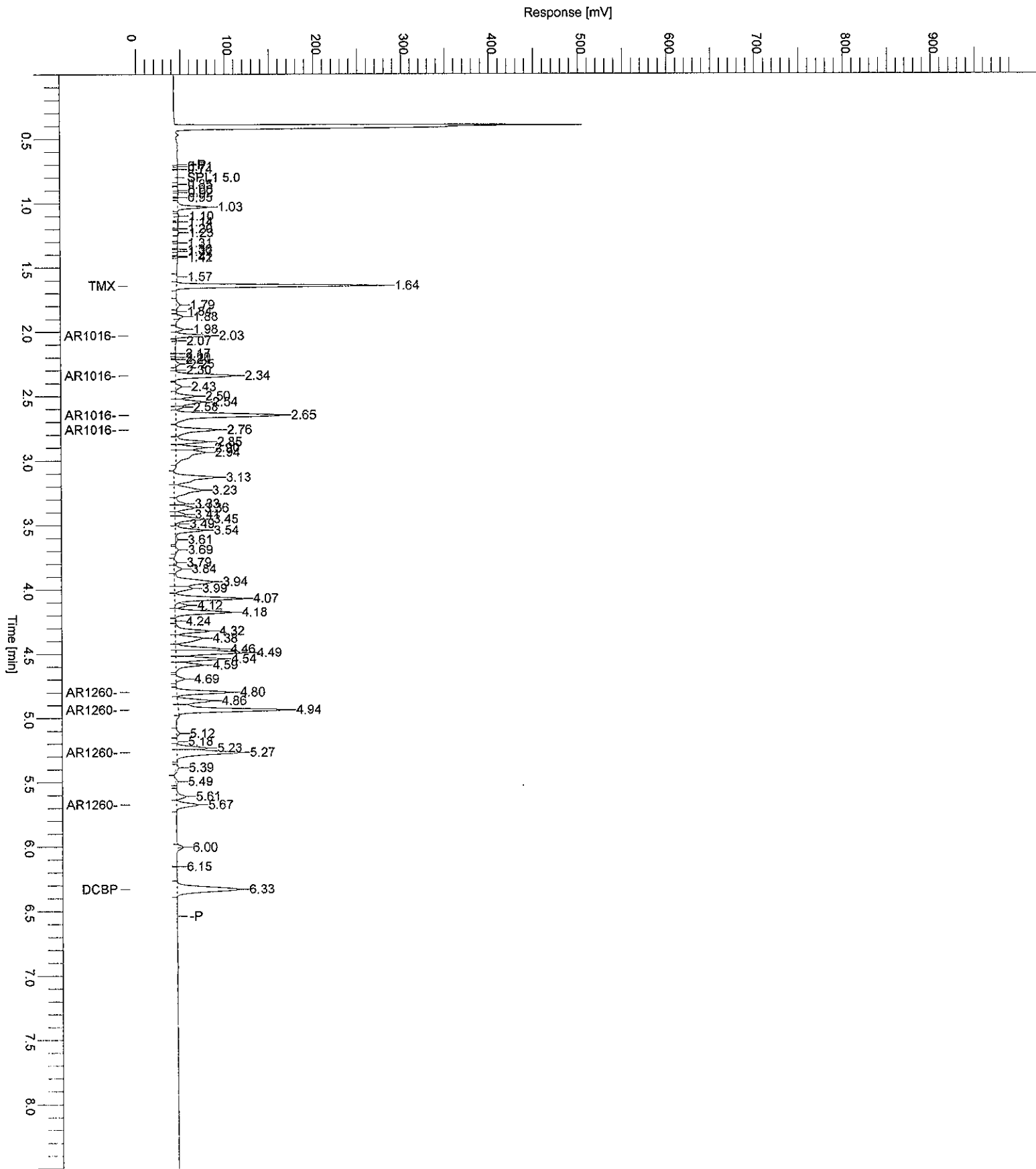
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
23	2.03	VB	50215	AR1016-A	0.05000	0.01250	4
30	2.34	VB	117743	AR1016-B	0.05000	0.01250	4
35	2.65	VV	242761	AR1016-C	0.05000	0.01250	4
36	2.76	VV	90981	AR1016-D	0.05000	0.01250	4
						0.05000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
65	4.80	BV	104079	AR1260-A	0.05000	0.01250	4
67	4.94	VB	225615	AR1260-B	0.05000	0.01250	4
71	5.27	VB	151069	AR1260-C	0.05000	0.01250	4
75	5.67	VB	48731	AR1260-D	0.05000	0.01250	4
						0.05000	

Processed by: *DW* 6/30/08
 Reviewed by: _____

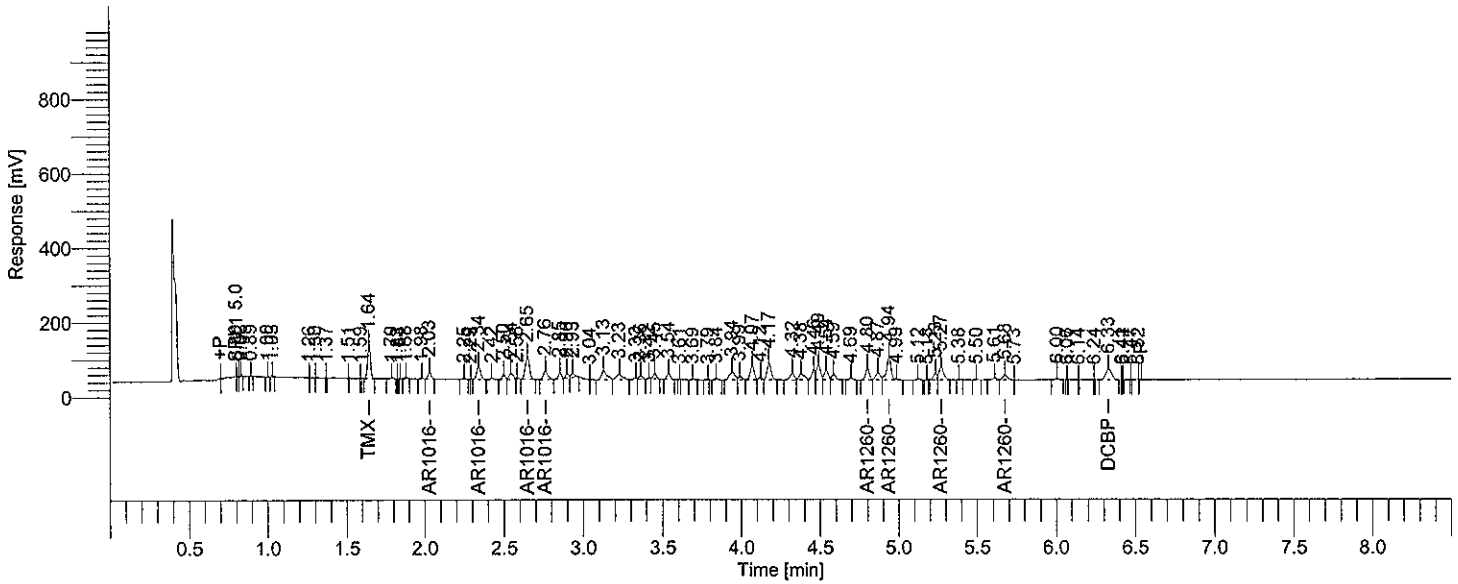
Sample Name : ICM66VG Sample #: 0.05NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7b61100.raw
Date : 06/24/2008 16:16:17 Time of Injection: 06/23/2008 22:42:49
Method : 6890-7pcbins
Start Time : 0.00 min End Time : 8.50 min Low Point : -9.91 mV High Point : 990.09 mV
Plot Offset: -9.91 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6973
 Operator : tchrom
 Sample Number : 0.025NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 23:01:07

Date : 06/24/2008 16:16:23
 Sample Name : ICM66VE
 Study : ICAL
 Rack/Vial : 1/1
 Channel : B
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 21

Raw Data File : H:\TURBO6\6890-07\7b61101.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61101.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b61101.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61101.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b61101.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	1.64	BB	114195	TMX	0.00903	-----	0
	2.65		233095	AR1016	0.02500	0.00625	4
	4.94		266350	AR1260	0.02500	0.00625	4
73	6.33	BB	74919	DCBP	0.00793	-----	0
			688560			0.01250	

Processed by: *[Signature]*
 Reviewed by: _____

Group Report For : AR1016

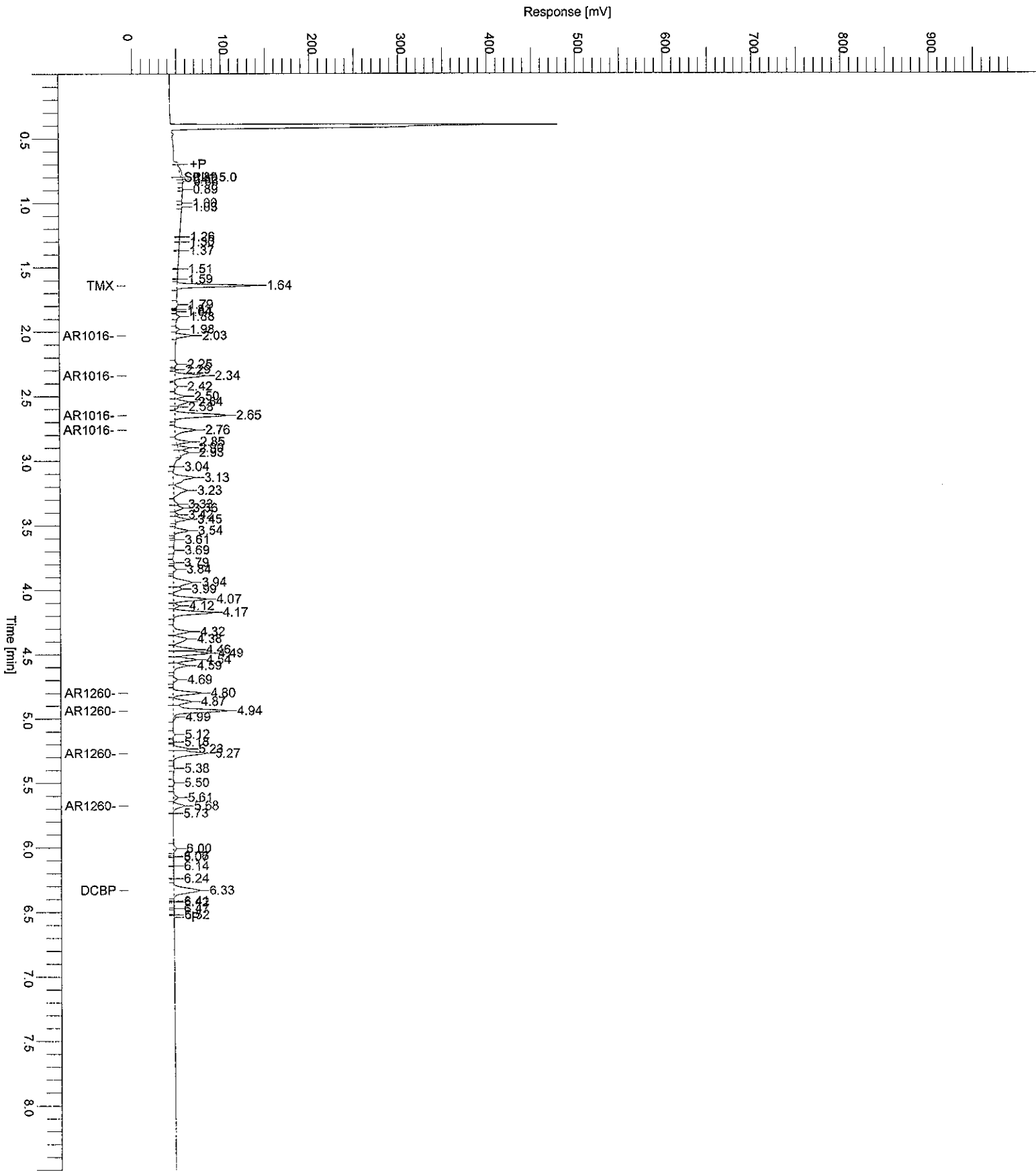
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	2.03	BB	23651	AR1016-A	0.02500	0.00625	4
21	2.34	VB	57899	AR1016-B	0.02500	0.00625	4
26	2.65	VB	109435	AR1016-C	0.02500	0.00625	4
27	2.76	BB	42111	AR1016-D	0.02500	0.00625	4
			233095			0.02500	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
55	4.80	BV	52880	AR1260-A	0.02500	0.00625	4
57	4.94	VE	117487	AR1260-B	0.02500	0.00625	4
62	5.27	VB	72069	AR1260-C	0.02500	0.00625	4
66	5.68	VB	23914	AR1260-D	0.02500	0.00625	4
			266350			0.02500	

Sample Name : ICM66VE
FileName : H:\TURBO6\6890-07\7b61101.raw
Date : 06/24/2008 16:16:25
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -7.67 mV

Sample #: 0.025NG
Page 1 of 1
Time of Injection: 06/23/2008 23:01:07
End Time : 8.50 min
Low Point : -7.67 mV
High Point : 992.33 mV
Plot Scale: 1000.0 mV




```

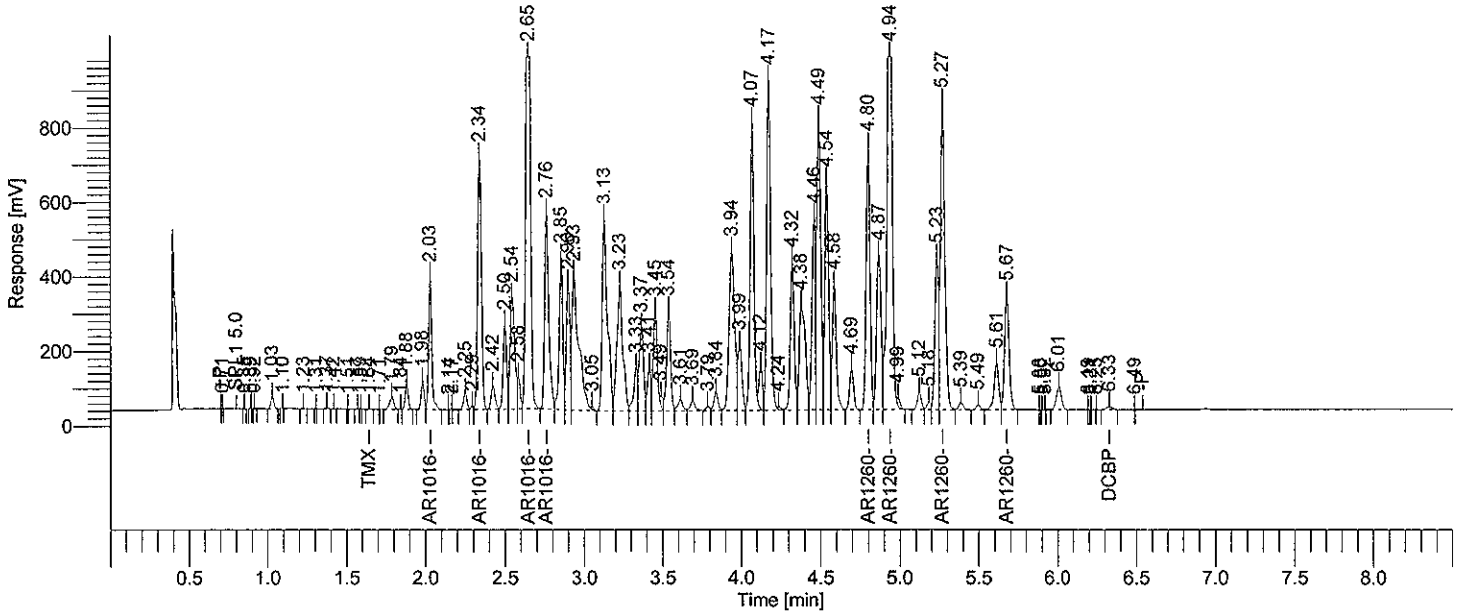
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf23: 6975
Operator : tchrom
Sample Number : 0.6NG
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 06/23/2008 23:19:18

Date : 06/24/2008 16:16:29
Sample Name : ACM66KB
Study : ACM
Rack/Vial : 1/2
Channel : B
A/D mV Range : 1000
End Time : 12.95 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 22
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b61102.raw <Modified>
Result File : H:\TURBO6\6890-07\7b61102.rst
Inst Method : h:\turbo6\6890-07\7b-pcbins from H:\TURBO6\6890-07\7b61102.raw
Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61102.rst
Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b61102.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.65		5215070	AR1016	0.5914	8.8181e+06	1.0430e+07	-1.4
4.94		6251203	AR1260	0.6085	1.0274e+07	1.2502e+07	1.4
6.33	BB	19774	DCBP	0.0095	2.0914e+06	39547.4000	-98.4
				11486047	1.2093	2.2972e+07	

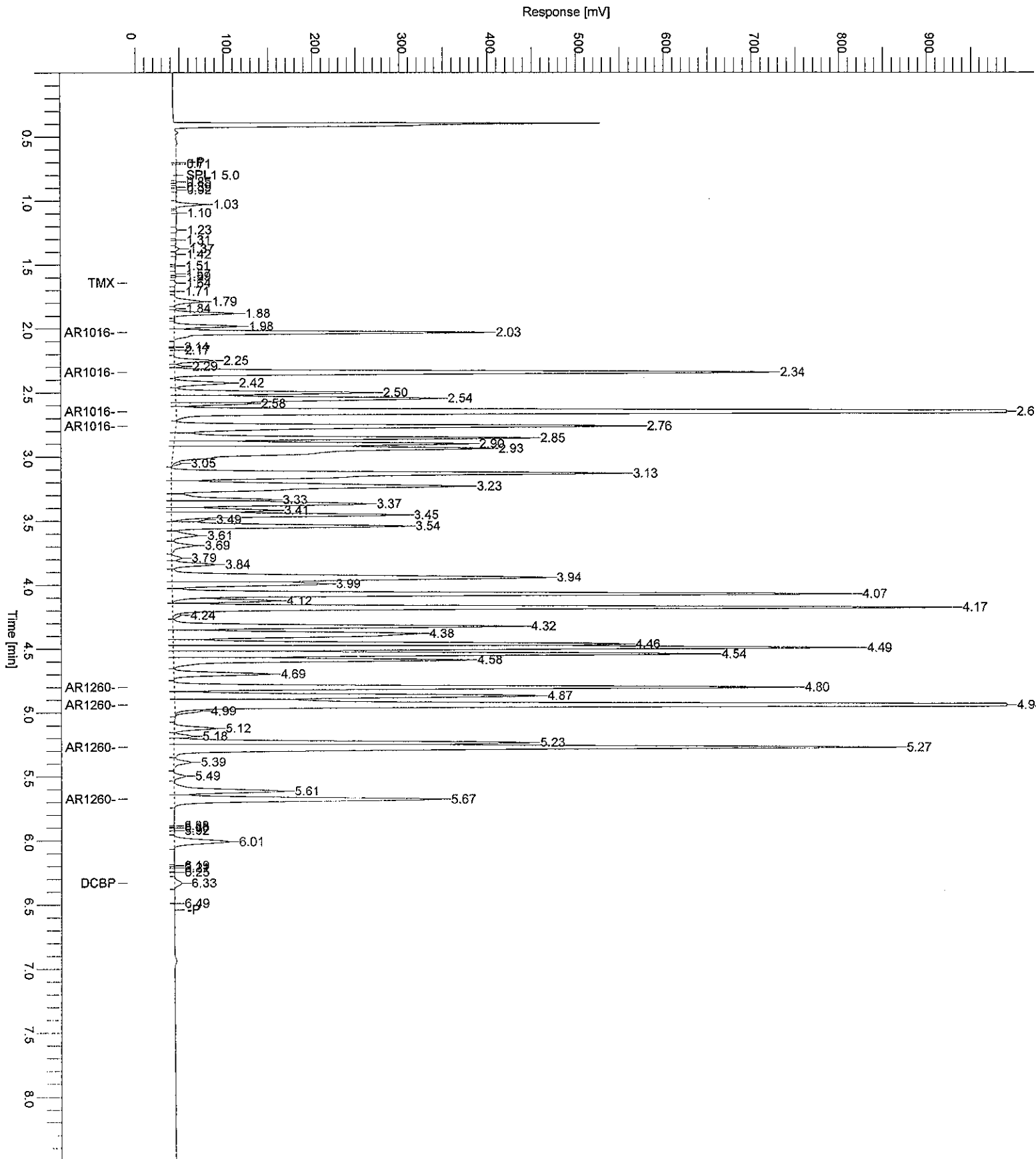
Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.03	VB	505529	AR1016-A	0.5549	9.1108e+05	1.0111e+06	-7.5
2.34	VB	1166513	AR1016-B	0.5795	2.0131e+06	2.3330e+06	-3.4
2.65	VB	2590912	AR1016-C	0.5991	4.3250e+06	5.1818e+06	-0.2
2.76	BV	952117	AR1016-D	0.6049	1.5740e+06	1.9042e+06	0.8
				5215070	2.3383	1.0430e+07	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.80	BV	1179931	AR1260-A	0.5973	1.9755e+06	2.3599e+06	-0.5
4.94	VE	2820297	AR1260-B	0.6048	4.6634e+06	5.6406e+06	0.8
5.27	VV	1646444	AR1260-C	0.6044	2.7242e+06	3.2929e+06	0.7
5.67	VB	604531	AR1260-D	0.6658	9.0797e+05	1.2091e+06	11.0
				6251203	2.4722	1.2502e+07	

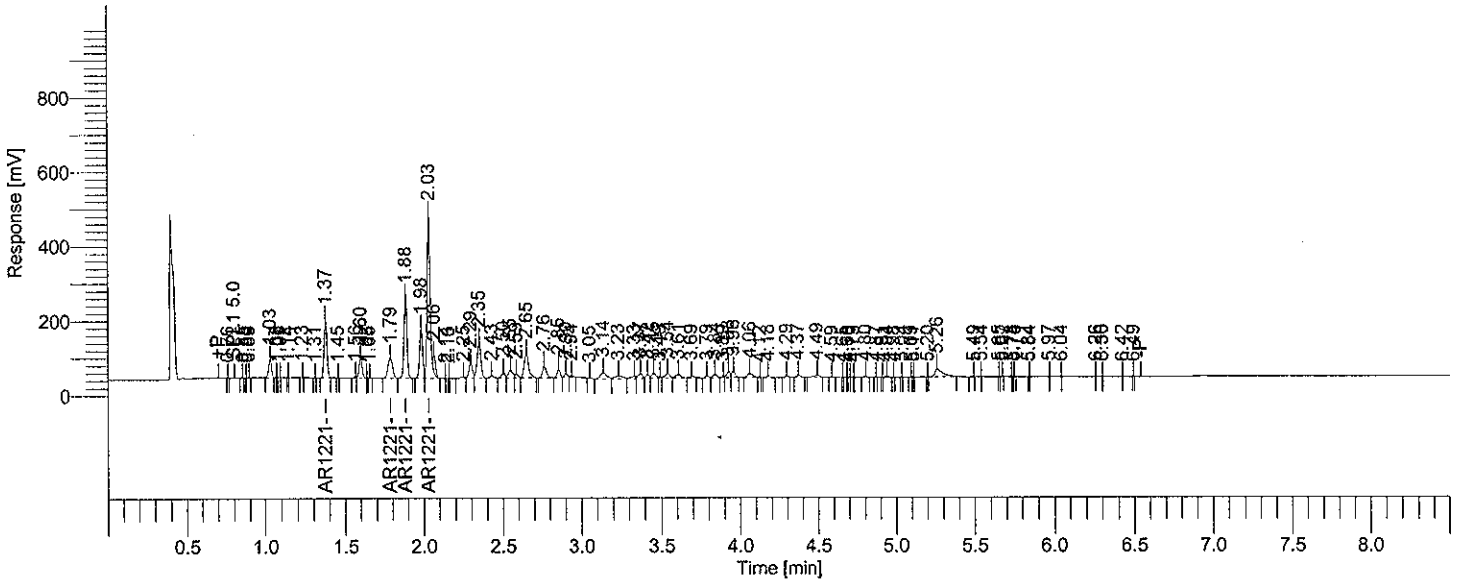
Sample Name : ACM66KB Sample #: 0.6NG Page 1 of 1
File Name : H:\TURBO6\6890-07\7b61102.raw
Date : 06/24/2008 16:16:30
Method : 6890-7pcbins Time of Injection: 06/23/2008 23:19:18
Start Time : 0.00 min End Time : 8.50 min Low Point : -9.85 mV High Point : 990.15 mV
Plot Offset: -9.85 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6933
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 16:57:44

Date : 06/24/2008 16:13:22
 Sample Name : ICM21XA
 Study : ICAL
 Rack/Vial : 1/81
 Channel : B
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-07\7b61081.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61081.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7b61081.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61081.rst
 Calib Method : h:\turbo6\6890-07\07b21(06-23-08).mth from H:\TURBO6\6890-07\7b61081.rst
 Report Format File : h:\turbo6\6890-07\7\pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



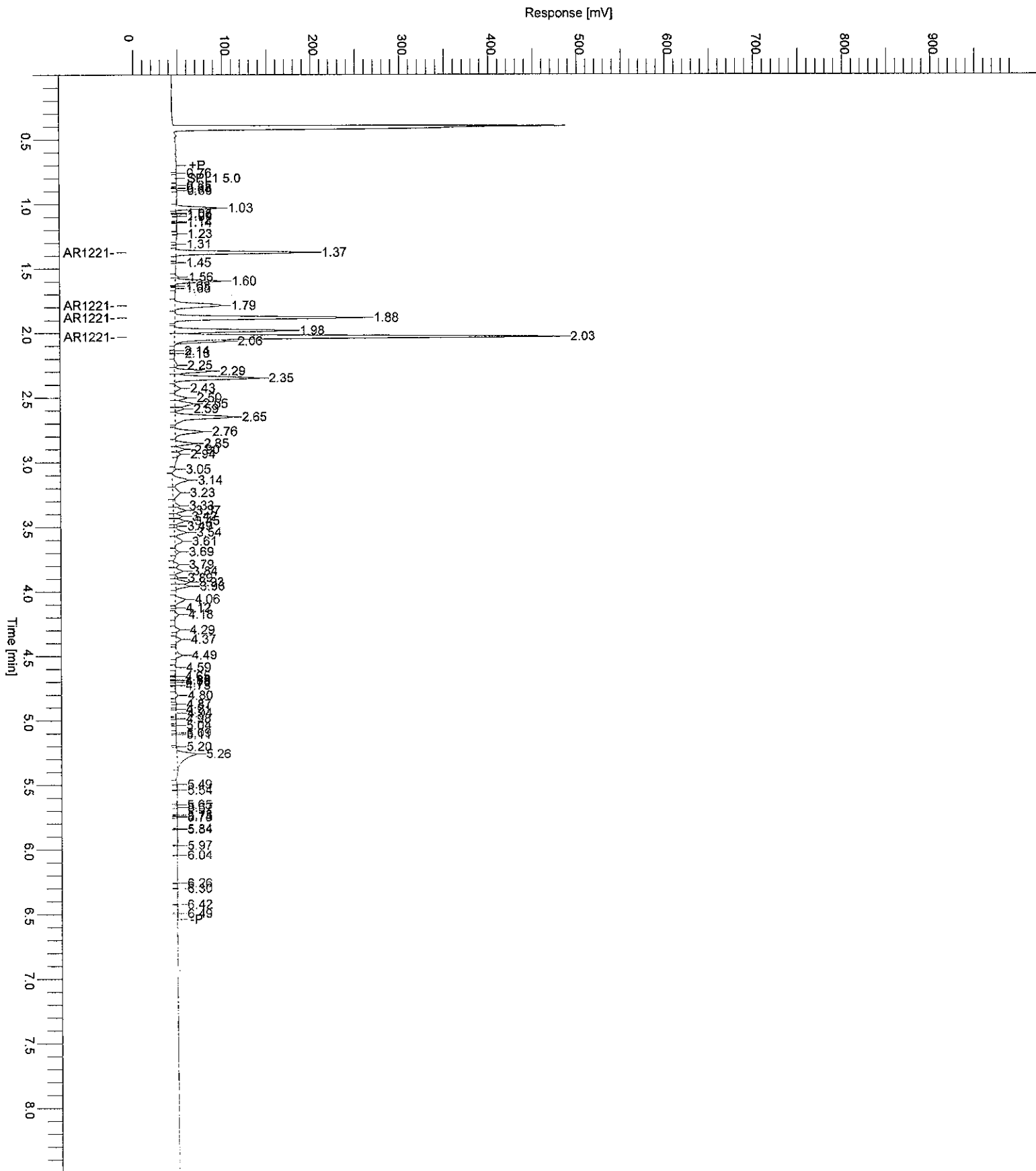
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.03		1223594	AR1221	0.50000	0.12500	4
			1223594			0.12500	

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	1.37	BB	194573	AR1221-A	0.50000	0.12500	4
19	1.79	BB	103944	AR1221-B	0.50000	0.12500	4
20	1.88	BB	289924	AR1221-C	0.50000	0.12500	4
22	2.03	VE	635153	AR1221-D	0.50000	0.12500	4
			1223594			0.50000	

Processed by: AWG B0108
 Reviewed by: [Signature] JUN 30 2008

Sample Name : ICM21XA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7b61081.raw
Date : 06/24/2008 16:13:23 Time of Injection: 06/23/2008 16:57:44
Method : 6890-7pcbins
Start Time : 0.00 min End Time : 8.50 min Low Point : -7.85 mV High Point : 992.15 mV
Plot Offset: -7.85 mV Plot Scale: 1000.0 mV



```

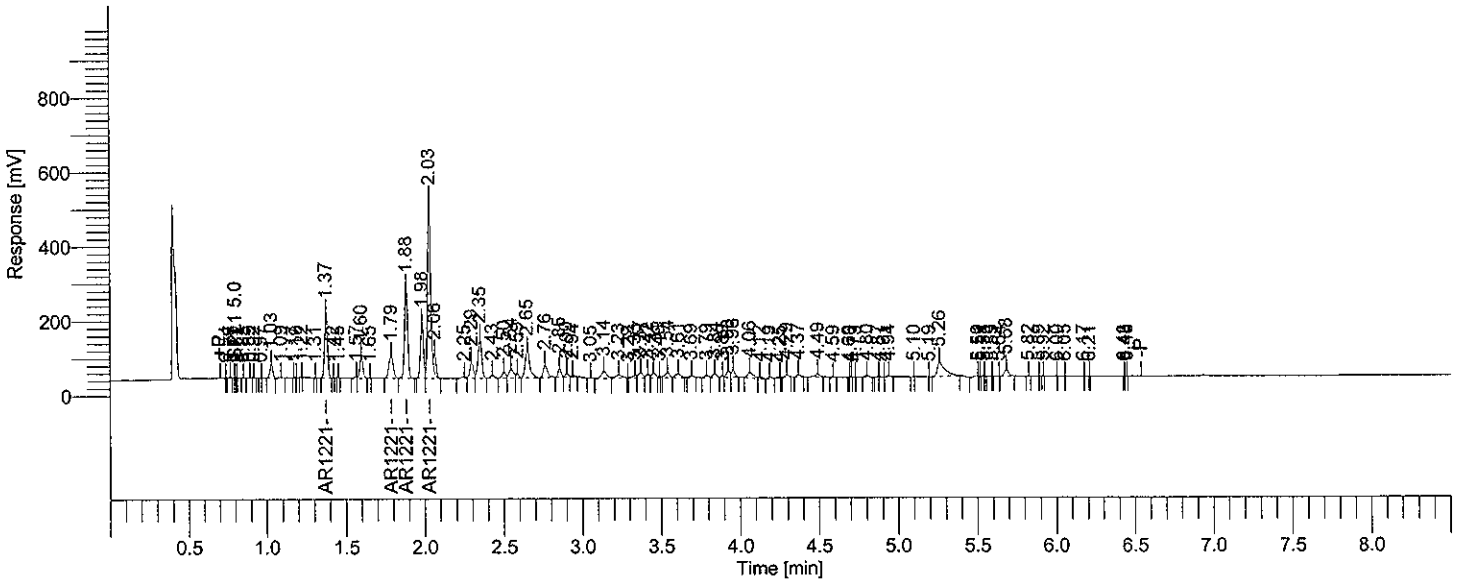
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf23: 6935
Operator : tchom
Sample Number : 0.6NG
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 06/23/2008 17:15:59

Date : 06/24/2008 16:13:33
Sample Name : ACM21WA
Study : ACM
Rack/Vial : 1/82
Channel : B
A/D mV Range : 1000
End Time : 12.94 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 2
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b61082.raw <Modified>
Result File : H:\TURBO6\6890-07\7b61082.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbns from H:\TURBO6\6890-07\7b61082.raw
Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61082.rst
Calib Method : h:\turbo6\6890-07\07b21(06-23-08).mth from H:\TURBO6\6890-07\7b61082.rst
Report Format File : h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.03		1343217	AR1221	0.5489	2.4472e+06	2.6864e+06	-8.5
		1343217		0.5489		2.6864e+06	

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JUN 30 2008

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.37	BB	216505	AR1221-A	0.5564	3.8915e+05	4.3301e+05	-7.3
1.79	BV	118216	AR1221-B	0.5687	2.0789e+05	2.3643e+05	-5.2
1.88	VB	329335	AR1221-C	0.5680	5.7985e+05	6.5867e+05	-5.3
2.03	VE	679162	AR1221-D	0.5346	1.2703e+06	1.3583e+06	-10.9
		1343217		2.2276		2.6864e+06	

Sample Name : ACM21WA

Sample # : 0.6NG

Page 1 of 1

FileName : H:\TURBO6\6890-07\7b61082.raw

Date : 06/24/2008 16:13:34

Time of Injection: 06/23/2008 17:15:59

Method : 6890-7pcbins

Start Time : 0.00 min

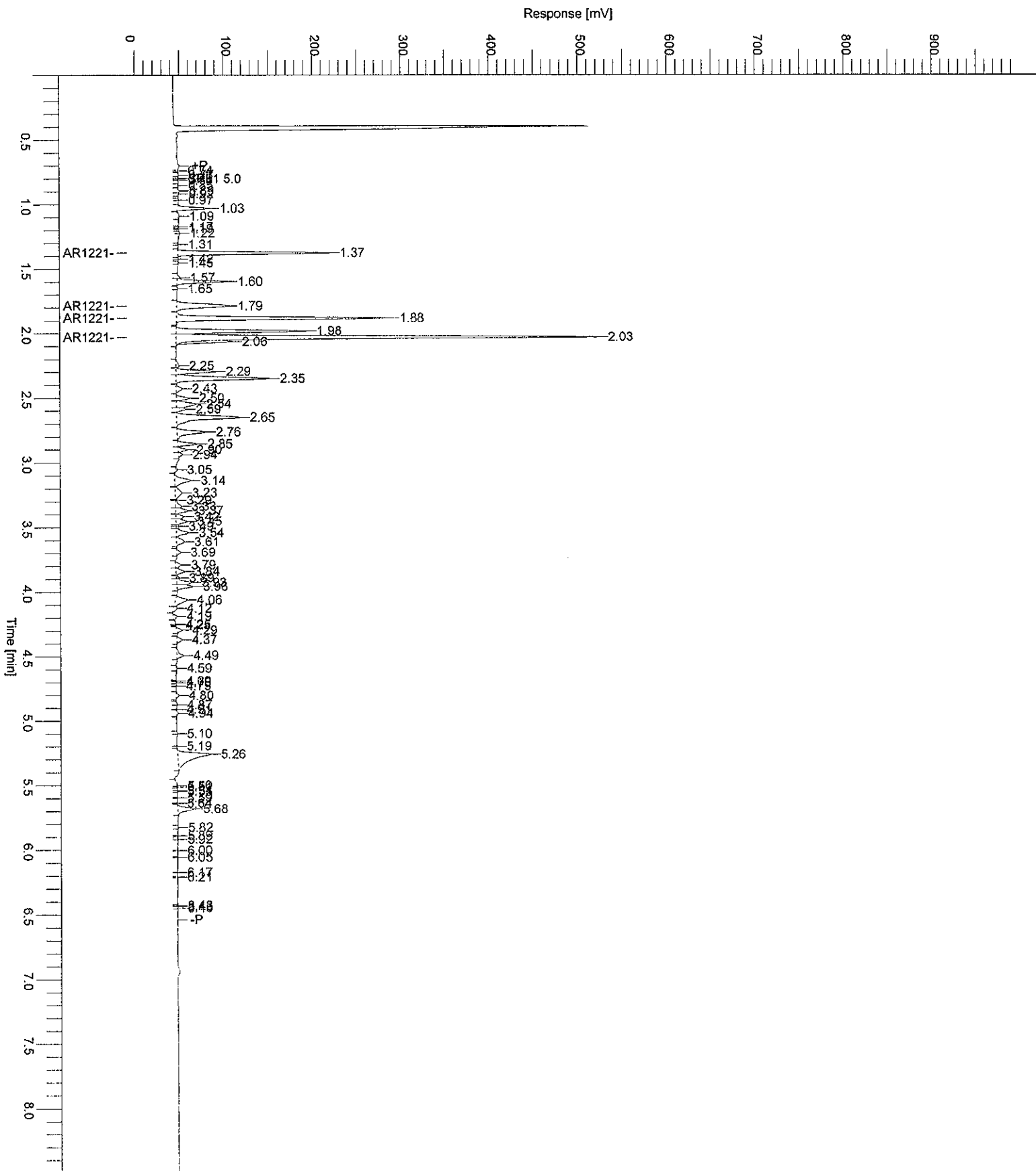
End Time : 8.50 min

Low Point : -9.48 mV

High Point : 990.52 mV

Plot Offset: -9.48 mV

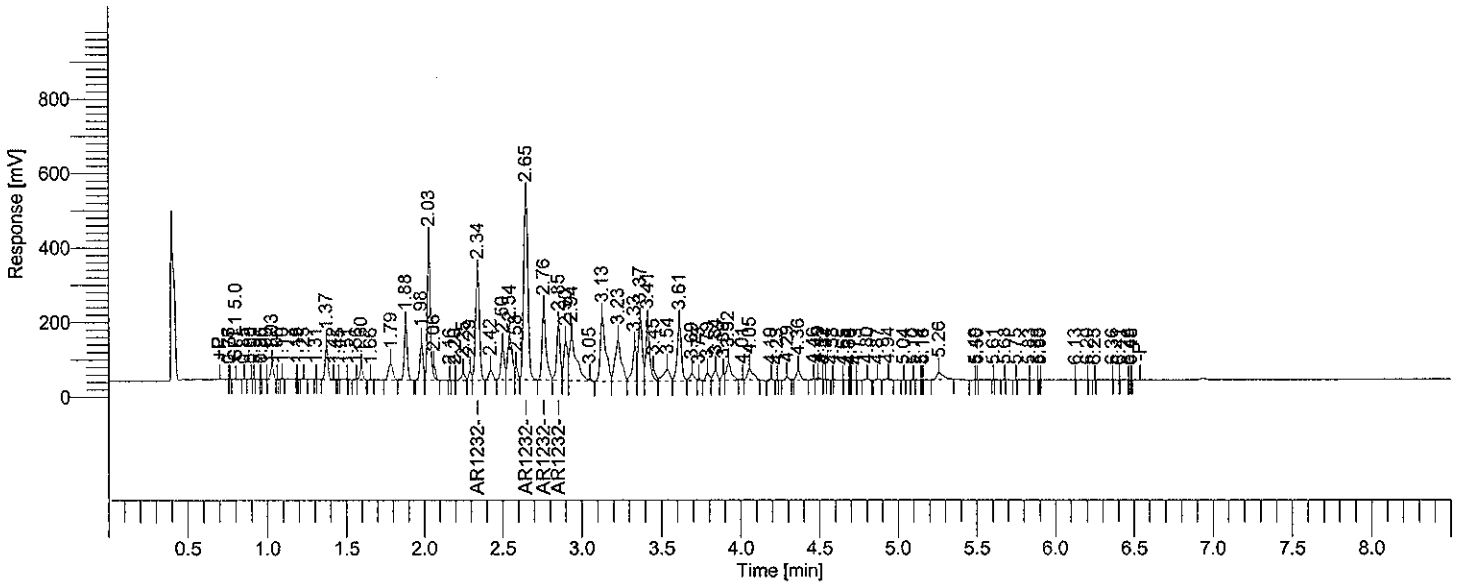
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6937
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 17:34:40

Date : 06/24/2008 16:13:45
 Sample Name : ICM32MA
 Study : ICAL
 Rack/Vial : 1/83
 Channel : B
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-07\7b61083.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61083.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b61083.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61083.rst
 Calib Method : h:\turbo6\6890-07\07b32(06-23-08).mth from H:\TURBO6\6890-07\7b61083.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.65		1991341	AR1232	0.50000	0.12500	4
			1991341			0.12500	

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
32	2.34	VV	492892	AR1232-A	0.50000	0.12500	4
37	2.65	VB	923673	AR1232-B	0.50000	0.12500	4
38	2.76	BV	344230	AR1232-C	0.50000	0.12500	4
39	2.85	VV	230546	AR1232-D	0.50000	0.12500	4
			1991341			0.50000	

Processed by: *MW* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

Sample Name : ICM32MA
FileName : H:\TURBO6\6890-07\7b61083.raw

Sample #: 0.5NG

Page 1 of 1

Date : 06/24/2008 16:13:46

Time of Injection : 06/23/2008 17:34:40

Method : 6890-7pcbins

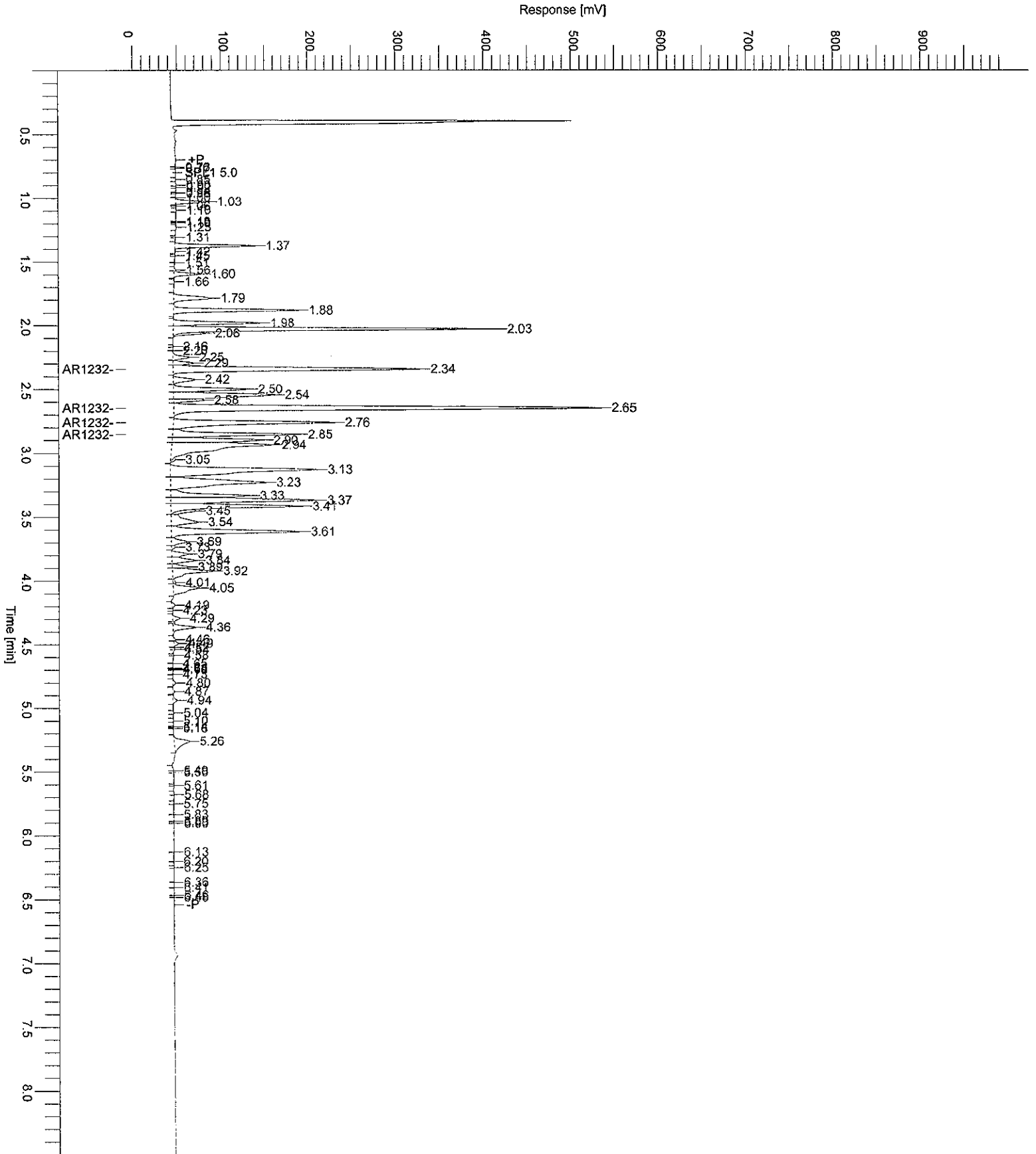
Start Time : 0.00 min End Time : 8.50 min

Low Point : -8.20 mV

High Point : 991.80 mV

Plot Offset : -8.20 mV

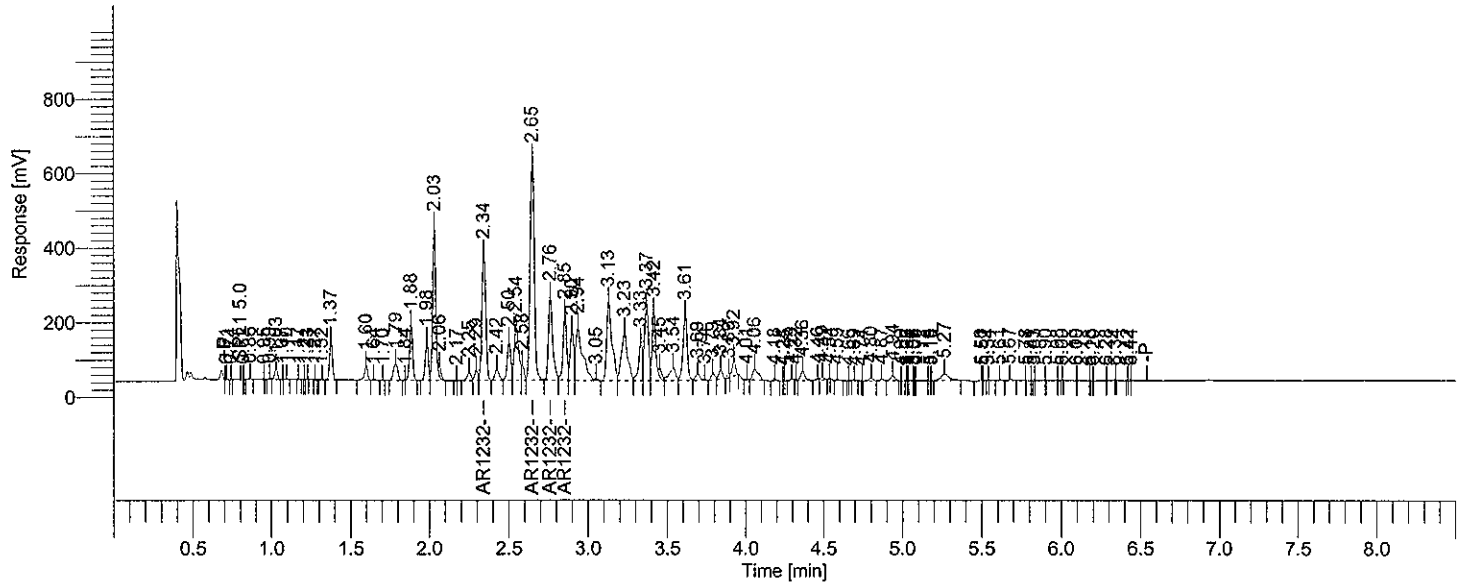
Plot Scale : 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6939
 Operator : tchrom
 Sample Number : 0.6NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 17:52:49

Date : 06/24/2008 16:13:55
 Sample Name : ACM32HA
 Study : ACM
 Rack/Vial : 1/84
 Channel : B
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 4

Raw Data File : H:\TURBO6\6890-07\7b61084.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61084.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b61084.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61084.rst
 Calib Method : h:\turbo6\6890-07\07b32(06-23-08).mth from H:\TURBO6\6890-07\7b61084.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



2nd Source Check

Ret Time [min]	BL [uV-sec]	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.65	2417703	AR1232	AR1232	0.6071	3.9827e+06	4.8354e+06	1.2
	2417703			0.6071		4.8354e+06	

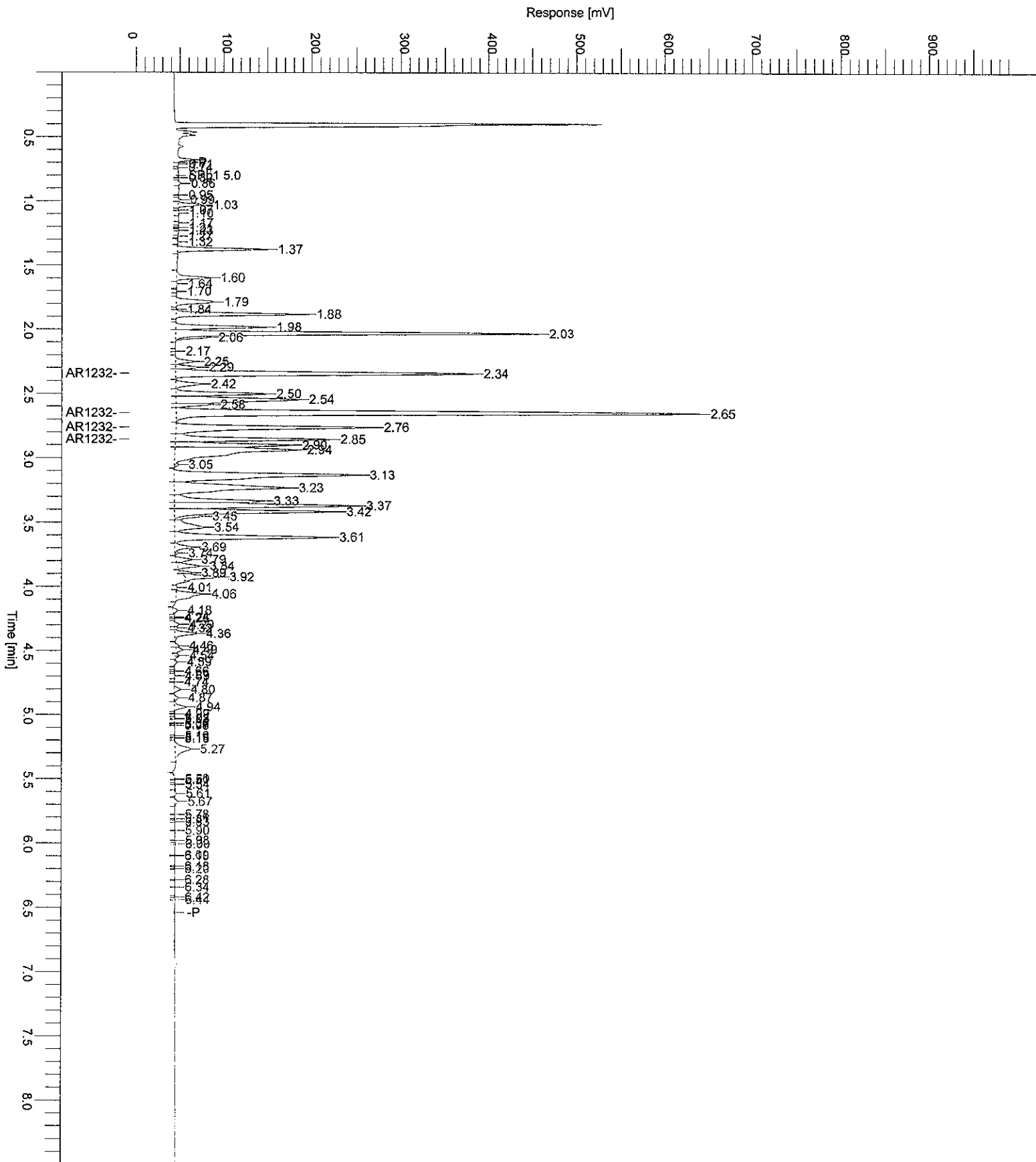
[Handwritten Signature] JUN 30 2008

Group Report For : AR1232

Ret Time [min]	BL [uV-sec]	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.34	VV	592819	AR1232-A	0.6014	9.8578e+05	1.1856e+06	0.2
2.65	VB	1128699	AR1232-B	0.6110	1.8473e+06	2.2574e+06	1.8
2.76	BV	416477	AR1232-C	0.6049	6.8846e+05	8.3295e+05	0.8
2.85	VV	279708	AR1232-D	0.6066	4.6109e+05	5.5942e+05	1.1
		2417703		2.4239		4.8354e+06	

Sample Name : ACM32HA
FileName : H:\TURBO6\6890-07\7b61084.raw
Date : 06/24/2008 16:13:56
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -7.68 mV

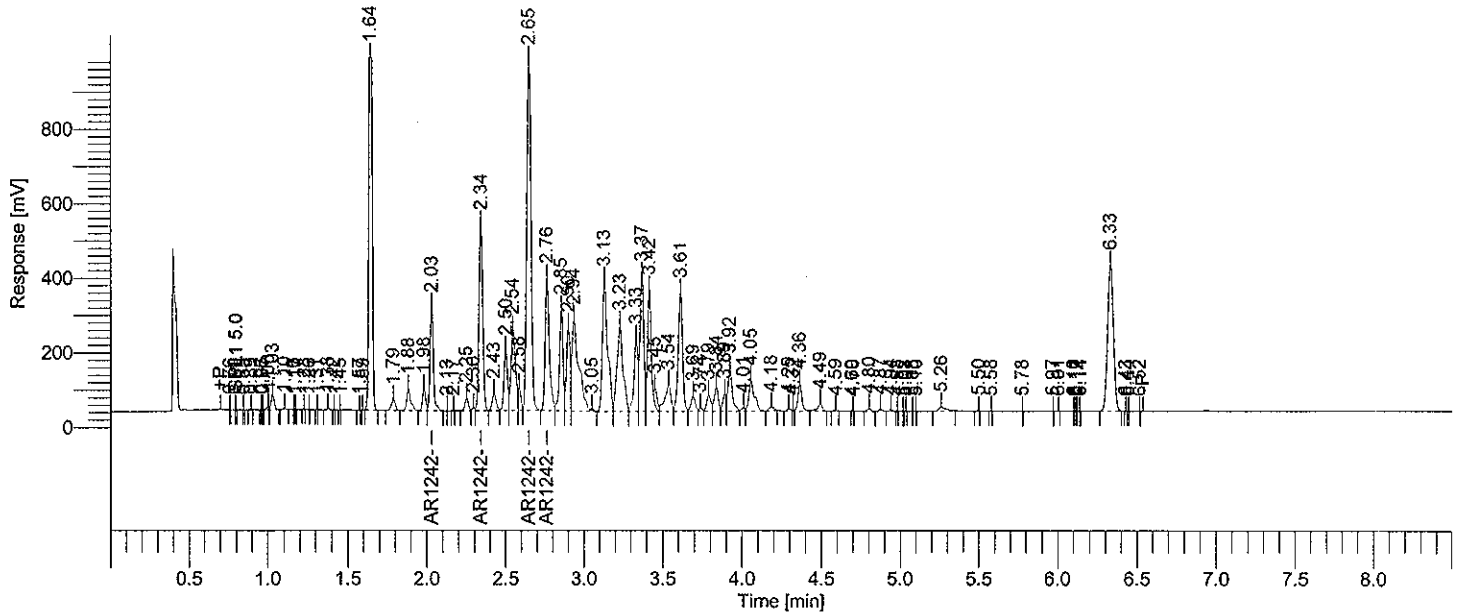
Sample #: 0.6NG Page 1 of 1
Time of Injection: 06/23/2008 17:52:49
End Time : 8.50 min Low Point : -7.68 mV High Point : 992.32 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6941
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 18:11:11

Date : 06/24/2008 16:14:06
 Sample Name : ICM42YB
 Study : ICAL
 Rack/Vial : 1/85
 Channel : B
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 5

Raw Data File : H:\TURBO6\6890-07\7b61085.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61085.rst
 Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7b61085.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61085.rst
 Calib Method : h:\turbo6\6890-07\07b42(06-23-08).mth from H:\TURBO6\6890-07\7b61085.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.65		3675744	AR1242	0.50000	0.12500	4
			3675744			0.12500	

Group Report For : AR1242

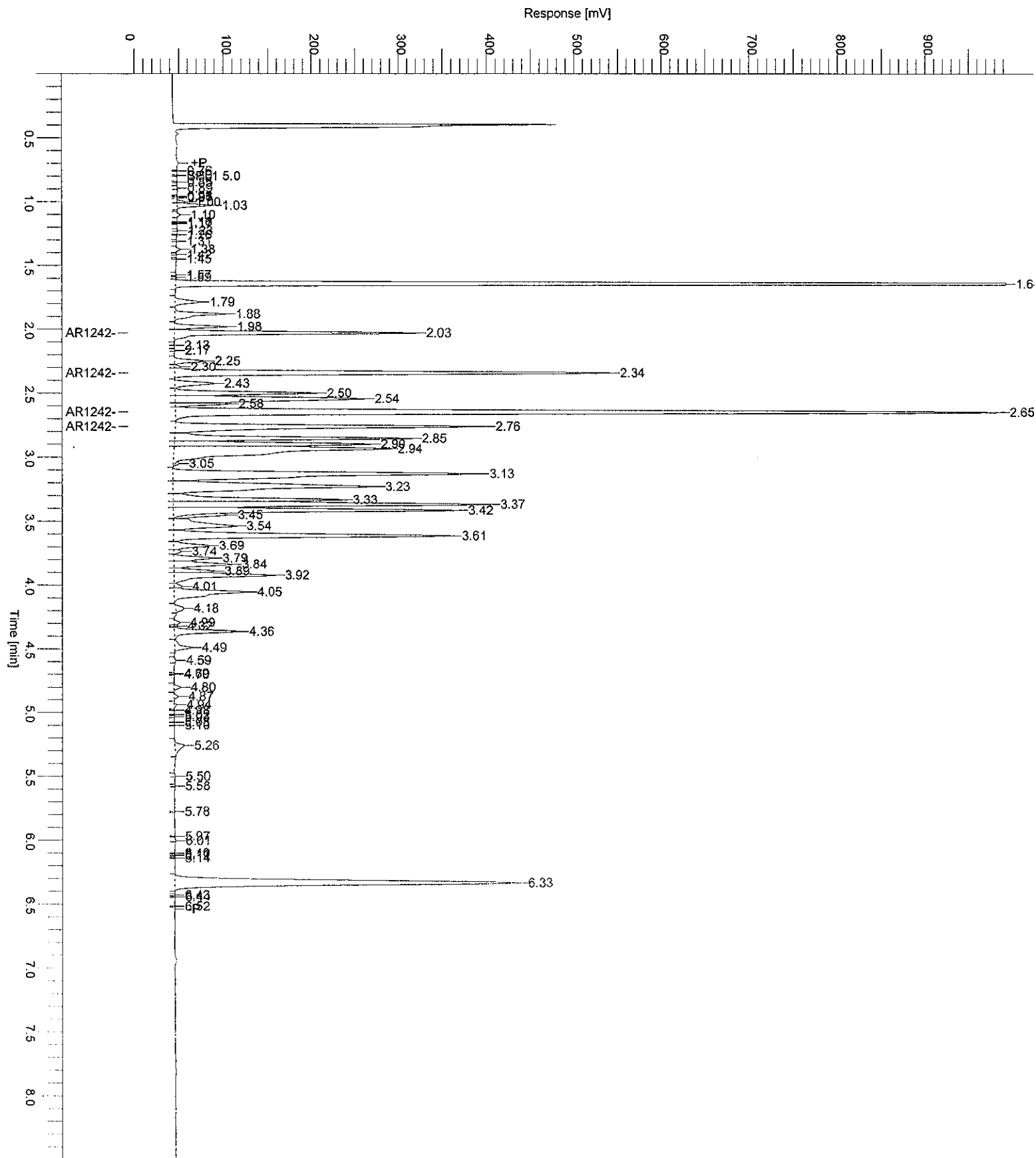
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
26	2.03	VB	398408	AR1242-A	0.50000	0.12500	4
31	2.34	VB	853951	AR1242-B	0.50000	0.12500	4
36	2.65	VB	1771771	AR1242-C	0.50000	0.12500	4
37	2.76	BV	651614	AR1242-D	0.50000	0.12500	4
			3675744			0.50000	

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

Sample Name : ICM42YB
FileName : H:\TURBO6\6890-07\7b61085.raw
Date : 06/24/2008 16:14:07
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -7.14 mV

Sample # : 0.5NG Page 1 of 1

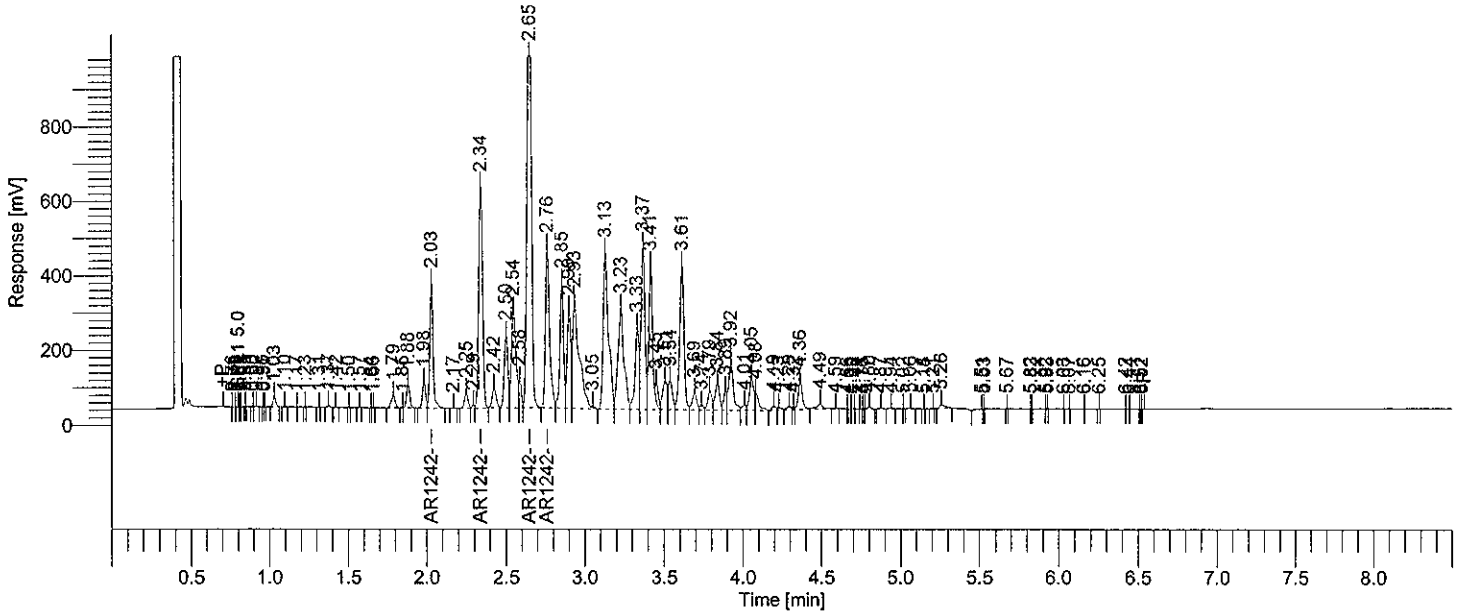
Time of Injection: 06/23/2008 18:11:11
End Time : 8.50 min Low Point : -7.14 mV High Point : 992.86 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6943
 Operator : tchrom
 Sample Number : 0.6NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 µL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 18:29:15

Date : 06/24/2008 16:14:16
 Sample Name : ACM42UA
 Study : ACM
 Rack/Vial : 1/86
 Channel : B
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 6

Raw Data File : H:\TURBO6\6890-07\7b61086.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61086.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b61086.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61086.rst
 Calib Method : h:\turbo6\6890-07\07b42(06-23-08).mth from H:\TURBO6\6890-07\7b61086.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



2nd Source Check

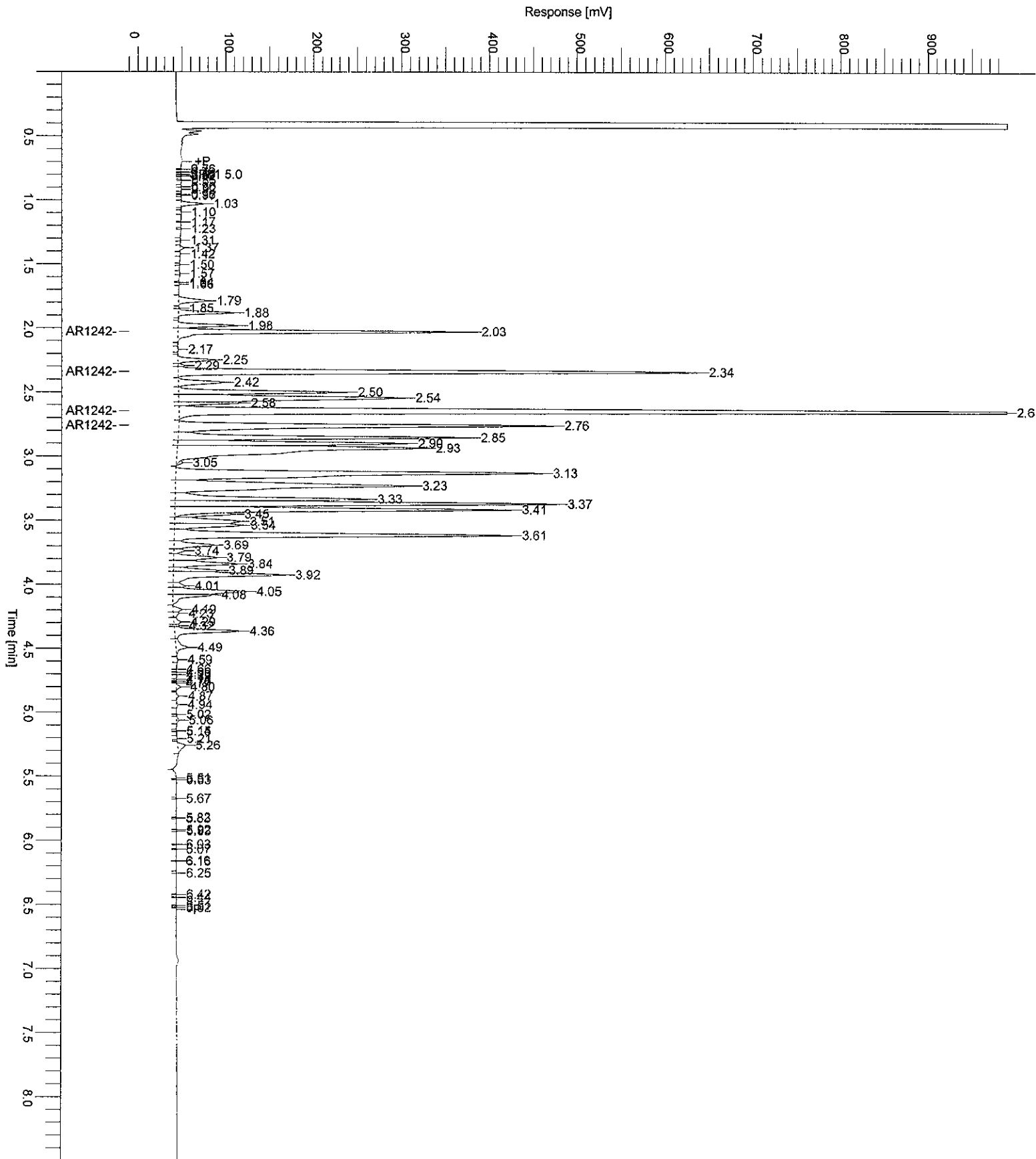
Ret Time [min]	BL	Area [µV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.65		4441496	AR1242	0.6042	7.3515e+06	8.8830e+06	0.7
		4441496		0.6042		8.8830e+06	

JUN 30 2008

Group Report For : AR1242

Ret Time [min]	BL	Area [µV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.03	VB	478987	AR1242-A	0.6011	7.9682e+05	9.5797e+05	0.2
2.34	VV	1023442	AR1242-B	0.5992	1.7079e+06	2.0469e+06	-0.1
2.65	VB	2155045	AR1242-C	0.6082	3.5435e+06	4.3101e+06	1.4
2.76	BV	784022	AR1242-D	0.6016	1.3032e+06	1.5680e+06	0.3
		4441496		2.4101		8.8830e+06	

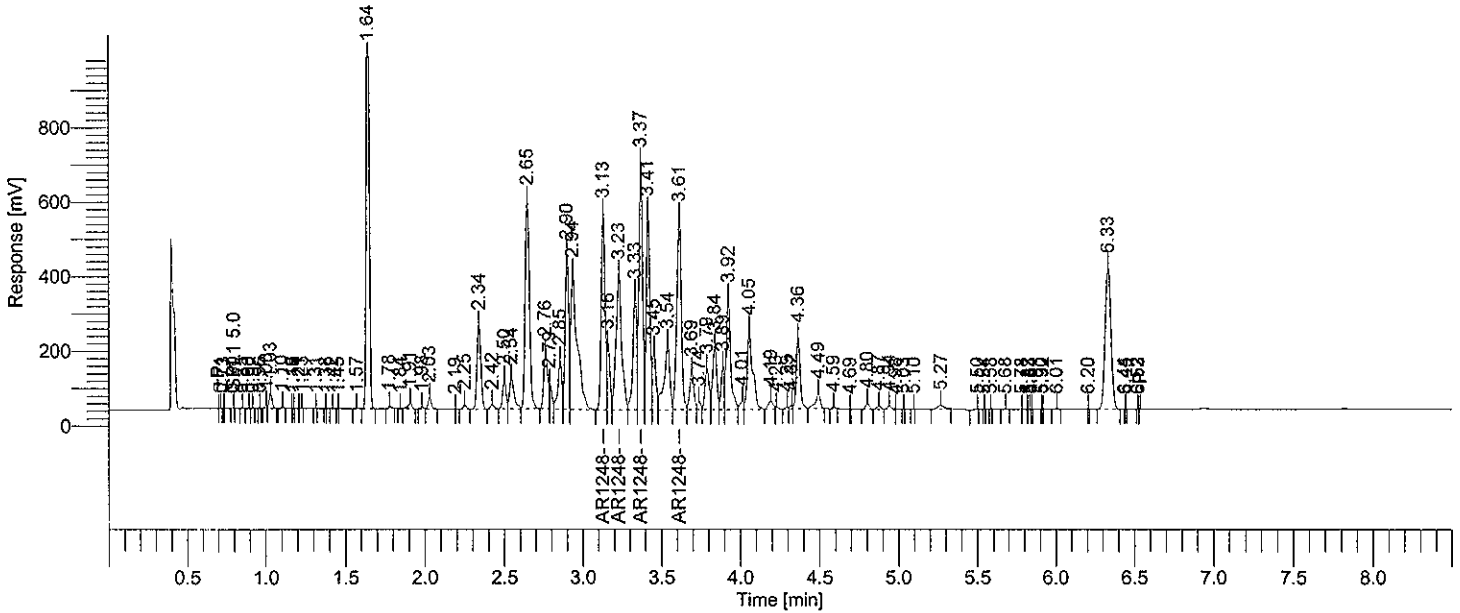
Sample Name : ACM42UA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7b61086.raw
Date : 06/24/2008 16:14:17 Time of Injection: 06/23/2008 18:29:15
Method : 6890-7pcbins Start Time : 0.00 min End Time : 8.50 min Low Point : -10.48 mV High Point : 989.52 mV
Plot Offset: -10.48 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6945
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 18:47:25

Date : 06/24/2008 16:14:26
 Sample Name : ICM48XA
 Study : ICAL
 Rack/Vial : 1/87
 Channel : B
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 7

Raw Data File : H:\TURBO6\6890-07\7b61087.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61087.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b61087.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61087.rst
 Calib Method : h:\turbo6\6890-07\07b48(06-23-08).mth from H:\TURBO6\6890-07\7b61087.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



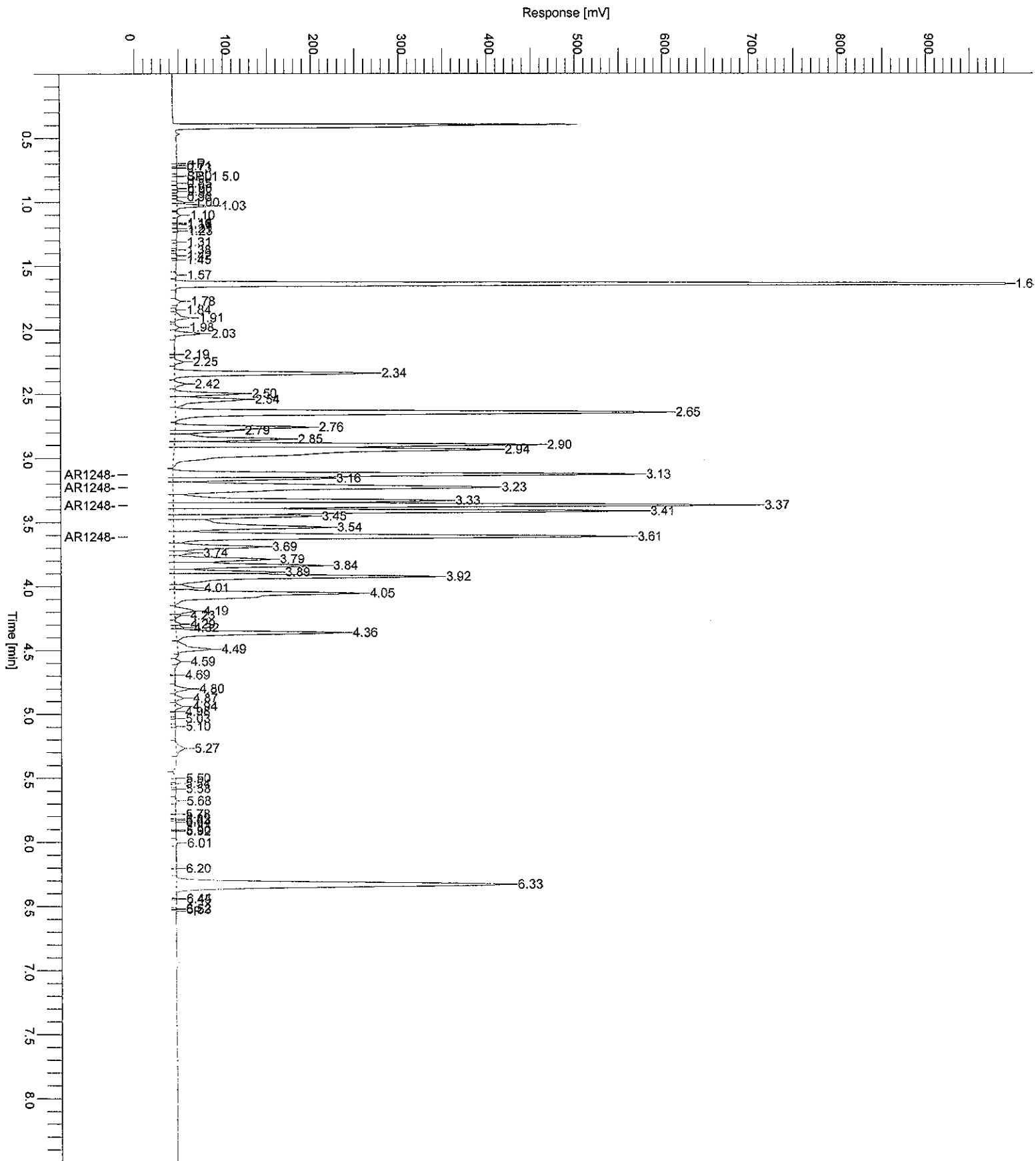
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	3.37		3975786	AR1248	0.50000	0.12500	4
			3975786			0.12500	

Group Report For: AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
38	3.13	BV	906065	AR1248-A	0.50000	0.12500	4
40	3.23	VV	922388	AR1248-B	0.50000	0.12500	4
42	3.37	VV	1112926	AR1248-C	0.50000	0.12500	4
46	3.61	VV	1034408	AR1248-D	0.50000	0.12500	4
			3975786			0.50000	

Processed by: RW 6/30/08
 Reviewed by: g2 JUN 30 2008

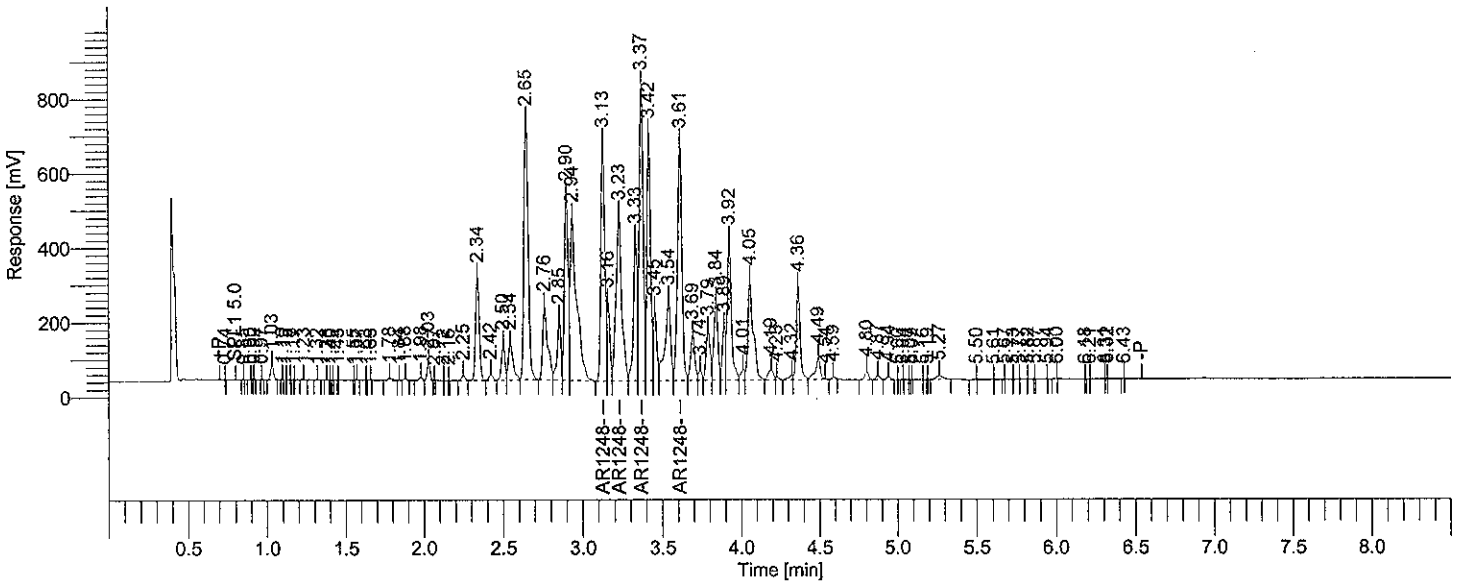
Sample Name : ICM48XA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7b61087.raw
Date : 06/24/2008 16:14:27
Method : 6890-7pcbins Time of Injection: 06/23/2008 18:47:25
Start Time : 0.00 min End Time : 8.50 min Low Point : -8.78 mV High Point : 991.22 mV
Plot Offset: -8.78 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6947
 Operator : tchrom
 Sample Number : 0.6NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 19:05:35

Date : 06/24/2008 16:14:35
 Sample Name : ACM48SA
 Study : ACM
 Rack/Vial : 1/88
 Channel : B
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 8

Raw Data File : H:\TURBO6\6890-0717b61088.raw <Modified>
 Result File : H:\TURBO6\6890-0717b61088.rst
 Inst Method : h:\turbo6\6890-0717b61088-7pcbins from H:\TURBO6\6890-0717b61088.raw
 Proc Method : h:\turbo6\6890-0717b-pcbprocess.mth from H:\TURBO6\6890-0717b61088.rst
 Calib Method : h:\turbo6\6890-07107b48(06-23-08).mth from H:\TURBO6\6890-0717b61088.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\6890-0717D-61-ical.seq



2nd Source Check

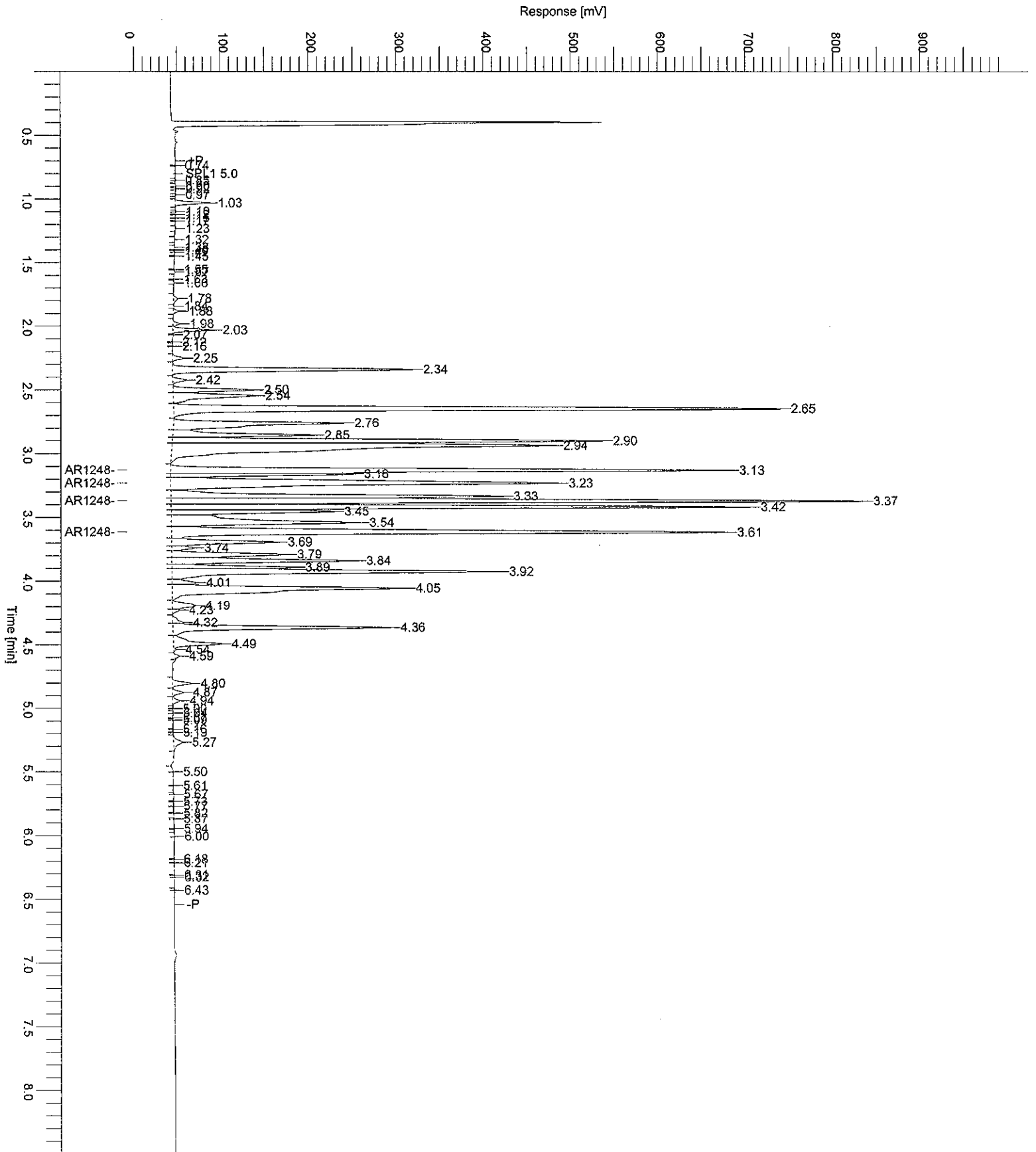
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.37		4838938	AR1248	0.6086	7.9516e+06	9.6779e+06	1.4
		4838938		0.6086		9.6779e+06	

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Group Report For: AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.13	BV	1096784	AR1248-A	0.6052	1.8121e+06	2.1936e+06	0.9
3.23	VV	1105868	AR1248-B	0.5995	1.8448e+06	2.2117e+06	-0.1
3.37	VV	1364468	AR1248-C	0.6130	2.2259e+06	2.7289e+06	2.2
3.61	VV	1271818	AR1248-D	0.6148	2.0688e+06	2.5436e+06	2.5
		4838938		2.4325		9.6779e+06	

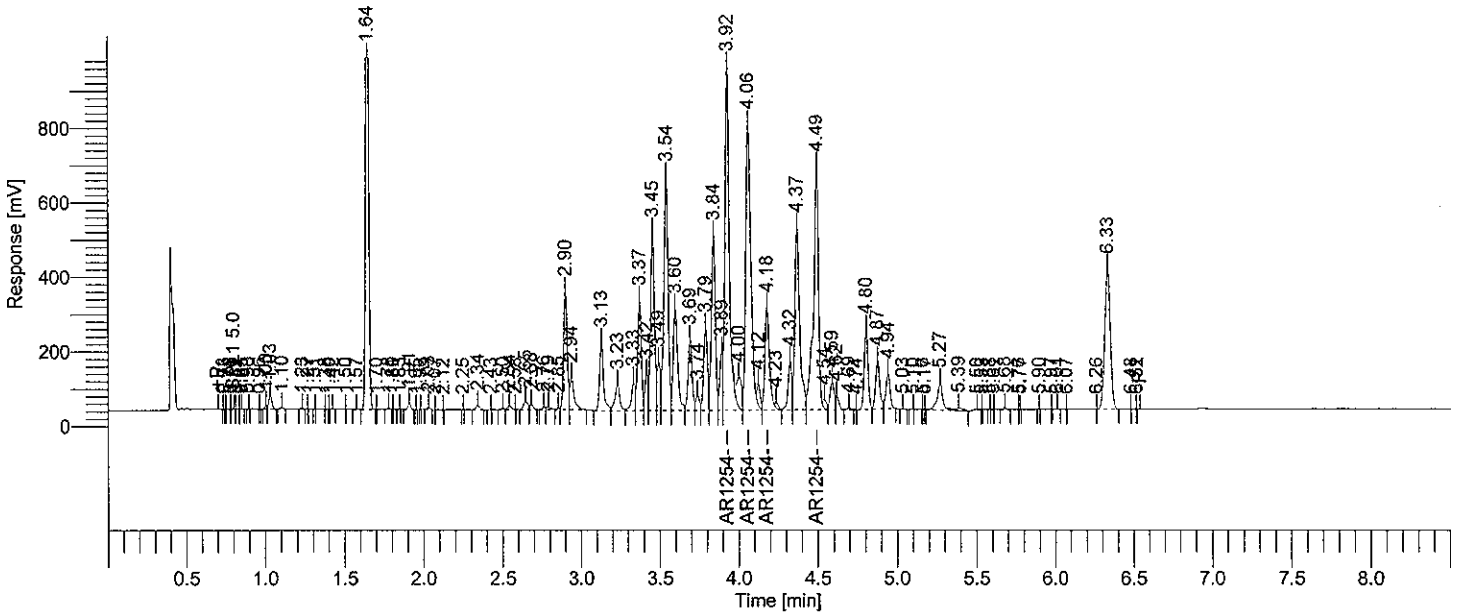
Sample Name : ACM48SA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO\06\890-07\7b61088.raw
Date : 06/24/2008 16:14:36 Time of Injection: 06/23/2008 19:05:35
Method : 6890-7pcbins
Start Time : 0.00 min End Time : 8.50 min Low Point : -7.84 mV High Point : 992.16 mV
Plot Offset: -7.84 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6949
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 19:23:55

Date : 06/24/2008 16:14:45
 Sample Name : ICM54BA
 Study : ICAL
 Rack/Vial : 1/89
 Channel : B
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 9

Raw Data File : H:\TURBO6\6890-07\7b61089.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61089.rst
 Inst Method : h:\turbo6\6890-07\7b61089-7pcbins from H:\TURBO6\6890-07\7b61089.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61089.rst
 Calib Method : h:\turbo6\6890-07\07b54(06-23-08).mth from H:\TURBO6\6890-07\7b61089.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	3.92		5556997	AR1254	0.50000	0.12500	4
			5556997			0.12500	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
60	3.92	VE	1780760	AR1254-A	0.50000	0.12500	4
62	4.06	VE	1767844	AR1254-B	0.50000	0.12500	4
64	4.18	VE	561341	AR1254-C	0.50000	0.12500	4
68	4.49	VE	1447052	AR1254-D	0.50000	0.12500	4
			5556997			0.50000	

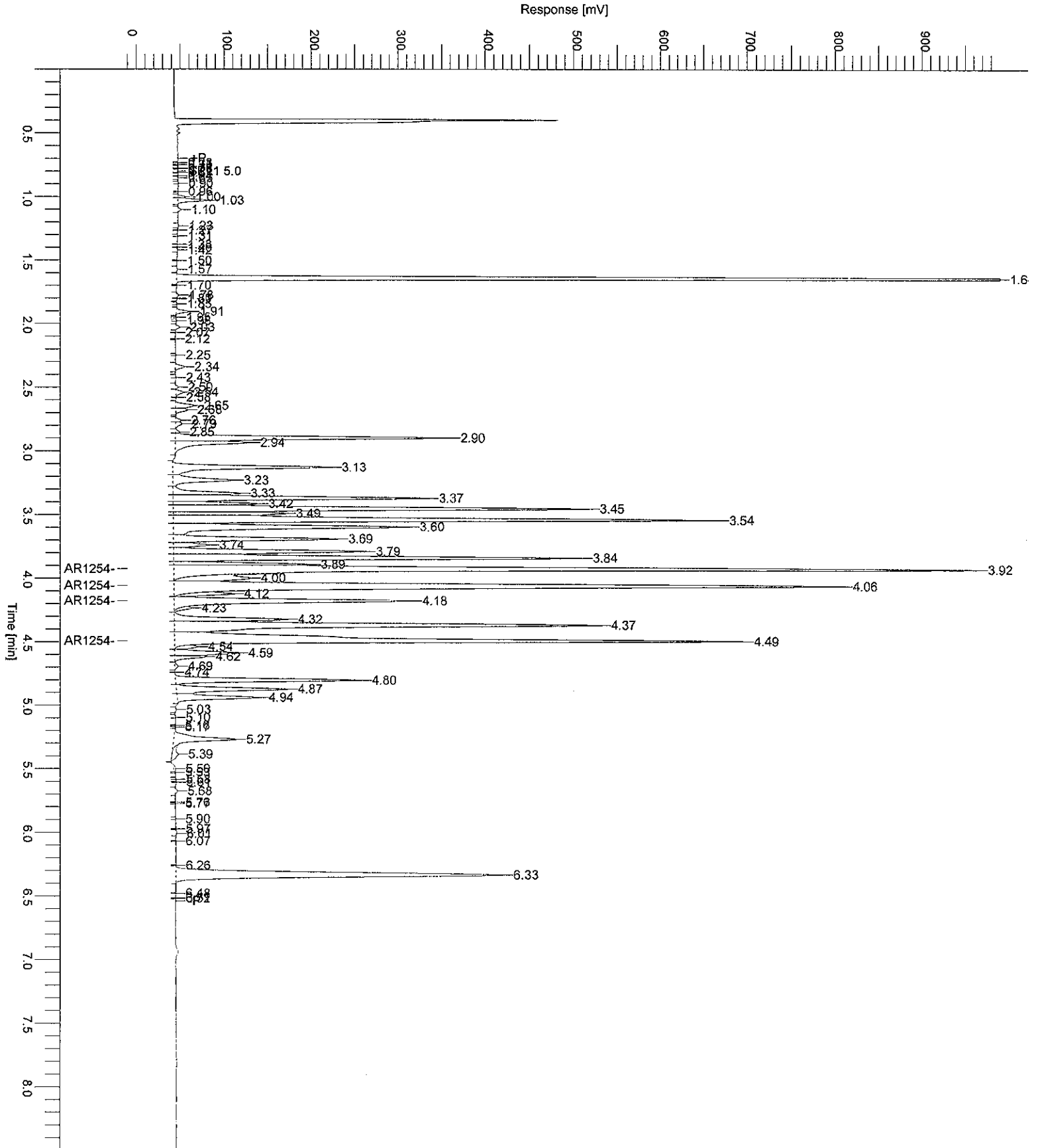
Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 30 2008

Sample Name : ICM54BA
FileName : H:\TURBO6\6890-07\7b61089.raw
Date : 06/24/2008 16:14:46
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -10.15 mV

Sample #: 0.5NG

Page 1 of 1

Time of Injection: 06/23/2008 19:23:55
End Time : 8.50 min
Low Point : -10.15 mV
High Point : 989.85 mV
Plot Scale: 1000.0 mV



```

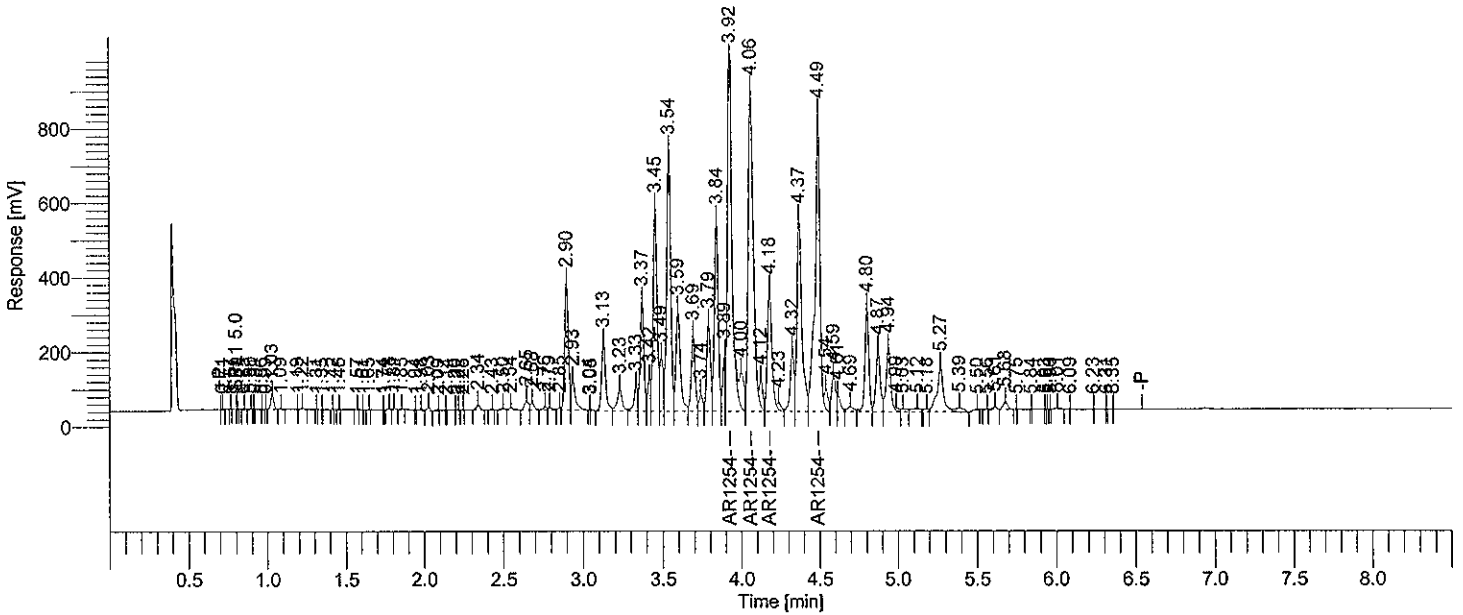
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf23: 6951
Operator : tchom
Sample Number : 0.6NG
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 06/23/2008 19:42:12

Date : 06/24/2008 16:14:54
Sample Name : ACM54AA
Study : ACM
Rack/Vial : 1/90
Channel : B
A/D mV Range : 1000
End Time : 12.94 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 10
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b61090.raw <Modified>
Result File : H:\TURBO6\6890-07\7b61090.rst
Inst Method : h:\turbo6\6890-07\6890-7\pcbins from H:\TURBO6\6890-07\7b61090.raw
Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61090.rst
Calib Method : h:\turbo6\6890-07\07b54(06-23-08).mth from H:\TURBO6\6890-07\7b61090.rst
Report Format File : h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.92		6451935	AR1254	0.5805	1.1114e+07	1.2904e+07	-3.2
		6451935		0.5805		1.2904e+07	

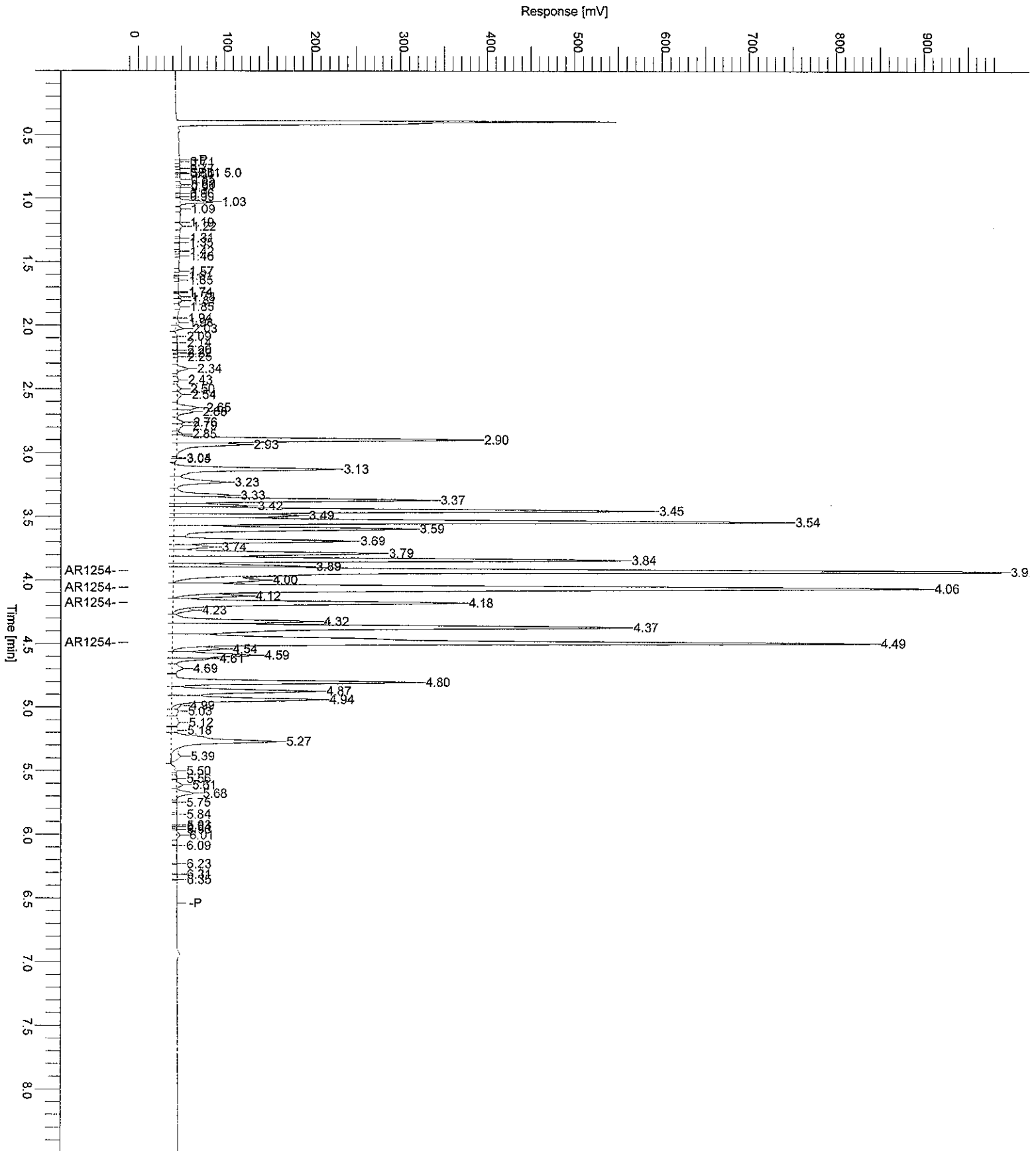
JUN 30 2008

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.92	VE	2037855	AR1254-A	0.5722	3.5615e+06	4.0757e+06	-4.6
4.06	VE	1992628	AR1254-B	0.5636	3.5357e+06	3.9853e+06	-6.1
4.18	VE	647438	AR1254-C	0.5767	1.1227e+06	1.2949e+06	-3.9
4.49	VE	1774015	AR1254-D	0.6130	2.8941e+06	3.5480e+06	2.2
		6451935		2.3254		1.2904e+07	

Sample Name : ACM54AA
FileName : H:\TURBO6\6890-07\7b61090.raw
Date : 06/24/2008 16:14:55
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -11.86 mV

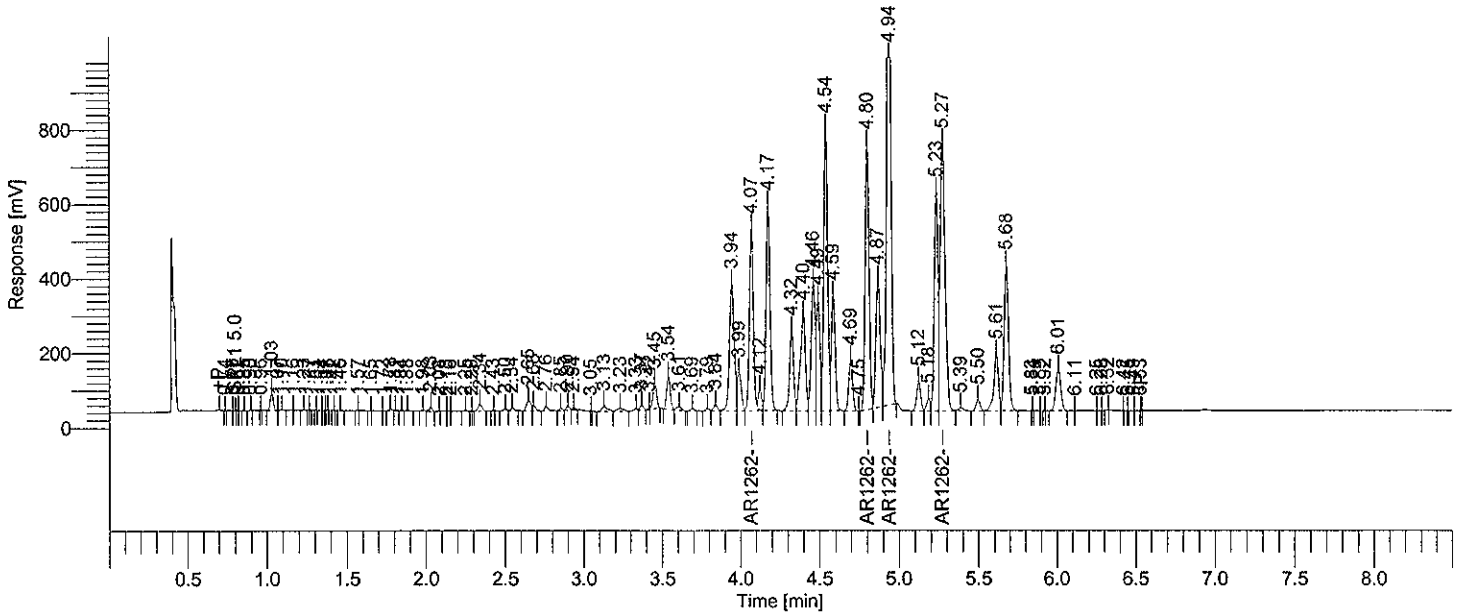
Sample #: 0.6NG
Page 1 of 1
Time of Injection: 06/23/2008 19:42:12
End Time : 8.50 min
Low Point : -11.86 mV
High Point : 988.14 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6953
 Operator : tchom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 20:00:21

Date : 06/24/2008 16:15:03
 Sample Name : ICM62FA
 Study : ICAL
 Rack/Vial : 1/91
 Channel : B
 A/D mV Range : 1000
 End Time : 12.93 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 11

Raw Data File : H:\TURBO6\6890-07\7b61091.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61091.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b61091.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61091.rst
 Calib Method : h:\turbo6\6890-07\07b62(06-23-08).mth from H:\TURBO6\6890-07\7b61091.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	4.94		6054450	AR1262	0.50000	0.12500	4
			6054450			0.12500	

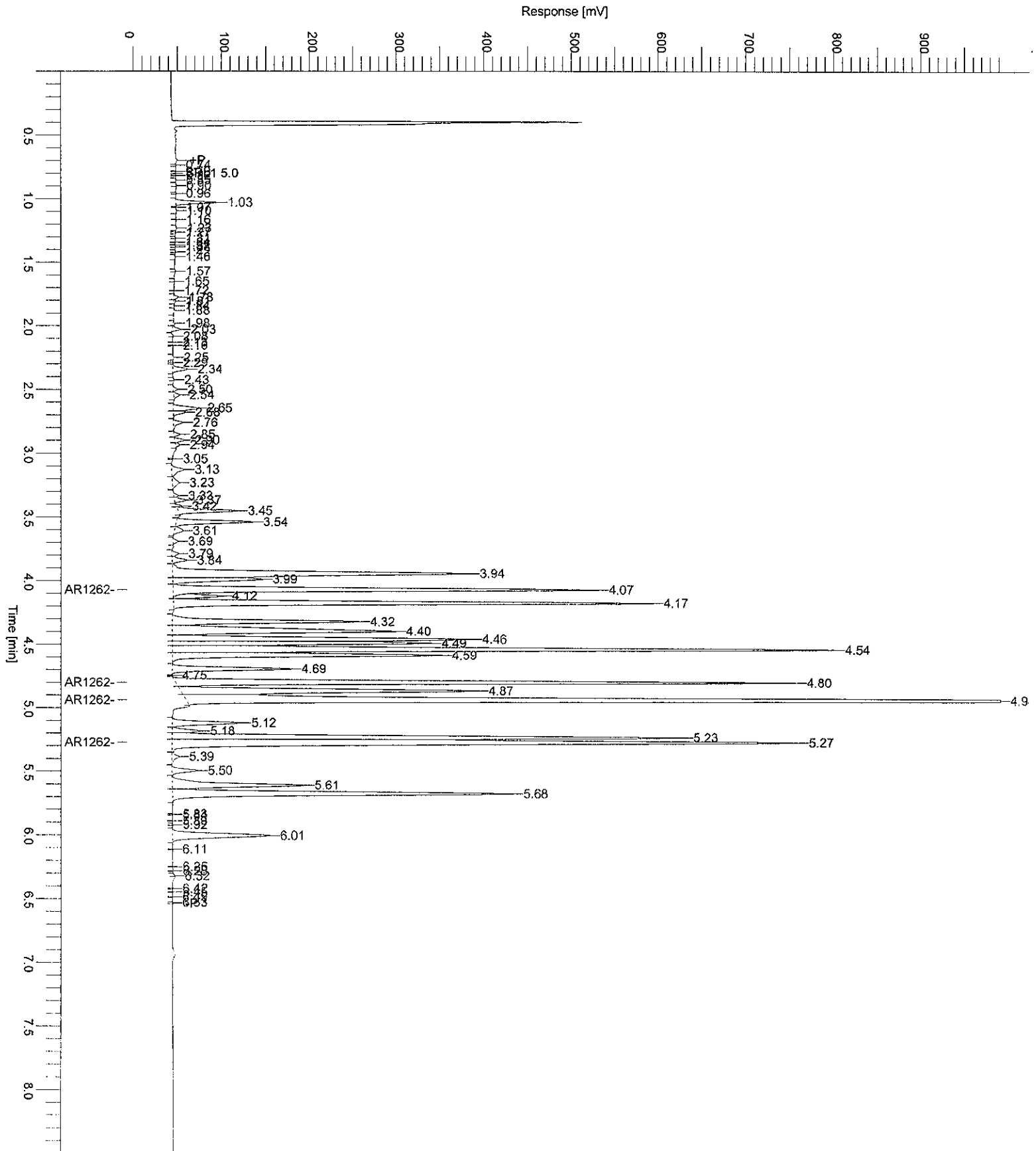
Group Report For: AR1262

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
58	4.07	VE	850703	AR1262-A	0.50000	0.12500	4
69	4.80	BV	1171675	AR1262-B	0.50000	0.12500	4
71	4.94	VB	2515931	AR1262-C	0.50000	0.12500	4
75	5.27	VV	1516141	AR1262-D	0.50000	0.12500	4
			6054450			0.50000	

Processed by: *[Signature]* 6/30/08
 Reviewed by: *[Signature]* JUN 13 0 2008

Sample Name : ICM62FA
FileName : H:\TURBO6\6890-07\7b61091.raw
Date : 06/24/2008 16:15:04
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -7.28 mV

Sample #: 0.5NG
Page 1 of 1
Time of Injection: 06/23/2008 20:00:21
End Time : 8.50 min
Low Point : -7.28 mV
High Point : 992.72 mV
Plot Scale: 1000.0 mV



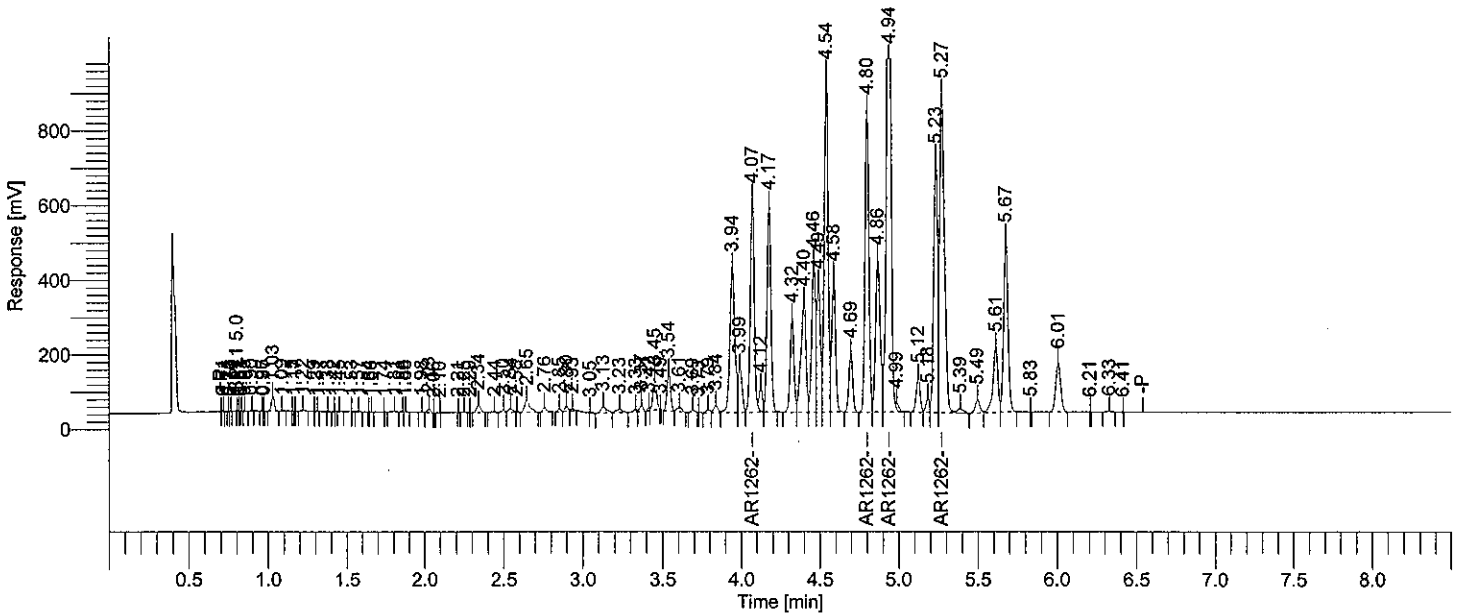

```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 199037
Operator          : tchrom
Sample Number     : 0.6NG
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-07
Instrument Serial # : CN10448015
Delay Time        : 0.00 min
Sampling Rate     : 20.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 06/25/2008 09:23:10

Date              : 06/25/2008 09:34:02
Sample Name       : ACM62GA
Study             : ACM
Rack/Vial         : 1/4
Channel           : B
A/D mV Range     : 1000
End Time         : 12.94 min
Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 3
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b62004.raw <Modified>
Result File : H:\TURBO6\6890-07\7b62004.rst
Inst Method : h:\turbo6\6890-07\7b-pcbins from H:\TURBO6\6890-07\7b62004.raw
Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b62004.rst
Calib Method : h:\turbo6\6890-07\7b62(06-23-08).mth from H:\TURBO6\6890-07\7b62004.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-62.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.94		7219314	AR1262	0.5962	1.2109e+07	1.4439e+07	-0.6
		7219314		0.5962		1.4439e+07	

[Handwritten signature] JUN 30 2008

06/25/2008 09:34:02 Result: H:\TURBO6\6890-07\7b62004.rst

Group Report For : AR1262

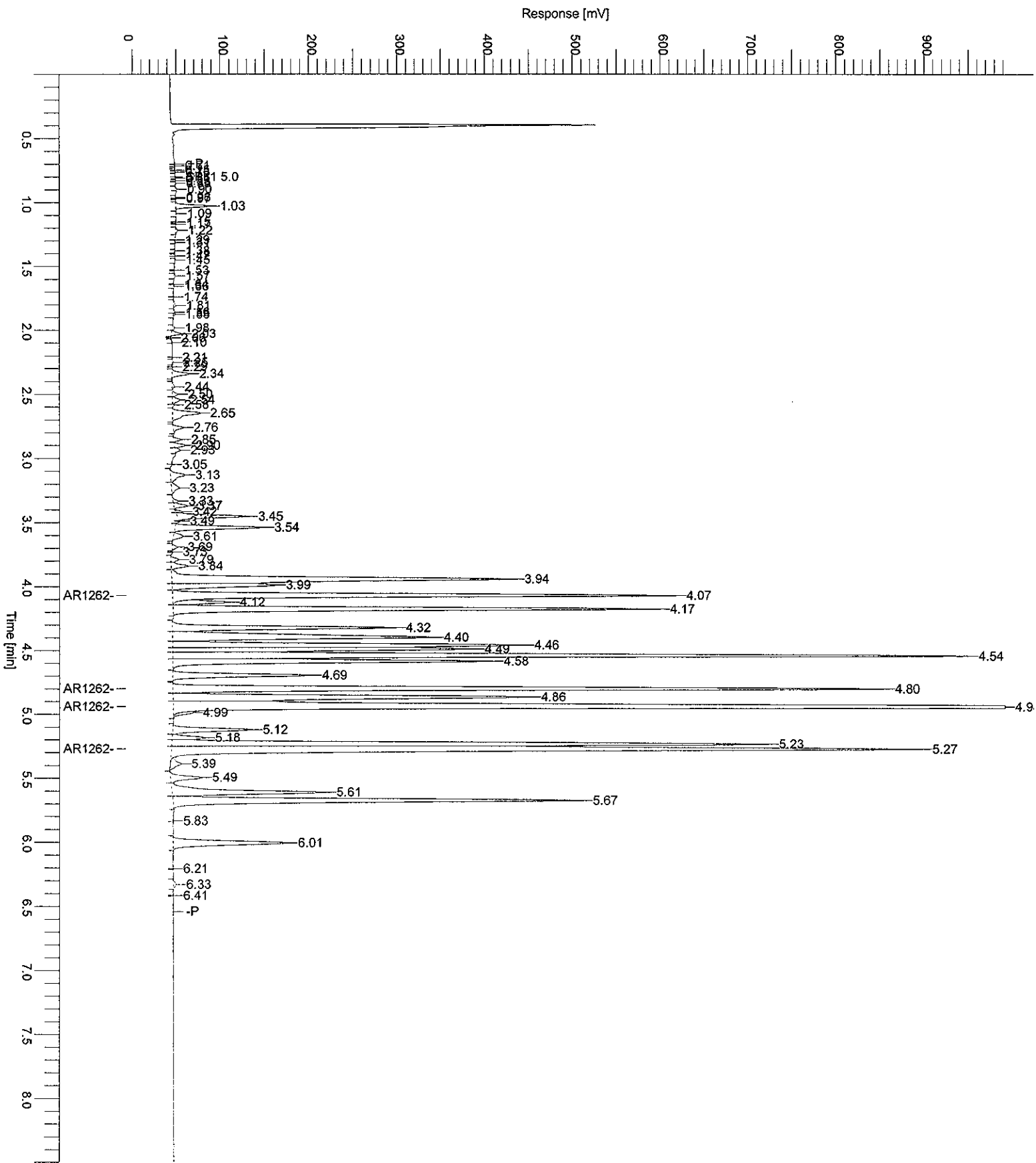
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.07	VE	995886	AR1262-A	0.5853	1.7014e+06	1.9918e+06	-2.4
4.80	BV	1382601	AR1262-B	0.5900	2.3434e+06	2.7652e+06	-1.7
4.94	VE	3038690	AR1262-C	0.6039	5.0319e+06	6.0774e+06	0.6
5.27	VE	1802137	AR1262-D	0.5943	3.0323e+06	3.6043e+06	-0.9
		7219314		2.3735		1.4439e+07	

Chromatogram

2515/4151

Sample Name : ACM62GA
FileName : H:\TURBO6\6890-07\7b62004.raw
Date : 06/25/2008 09:34:04
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -7.40 mV

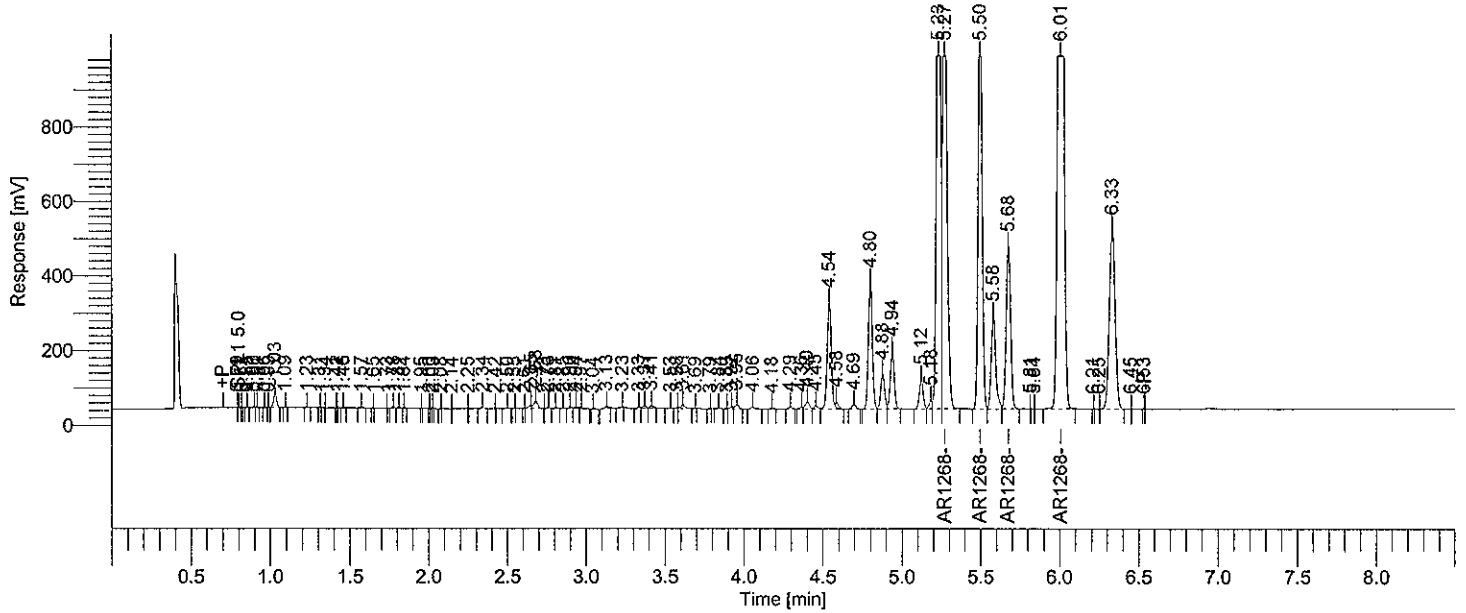
Sample #: 0.6NG
Page 1 of 1
Time of Injection: 06/25/2008 09:23:10
End Time : 8.50 min
Low Point : -7.40 mV
High Point : 992.60 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6957
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 20:36:50

Date : 06/24/2008 16:15:20
 Sample Name : ICM68JA
 Study : ICAL
 Rack/Vial : 1/93
 Channel : B
 A/D mV Range : 1000
 End Time : 12.95 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 13

Raw Data File : H:\TURBO6\6890-07\7b61093.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61093.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b61093.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61093.rst
 Calib Method : h:\turbo6\6890-07\07b68(06-23-08).mth from H:\TURBO6\6890-07\7b61093.rst
 Report Format File : h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	6.01		11578881	AR1268	0.50000	0.12500	4
			11578881			0.12500	

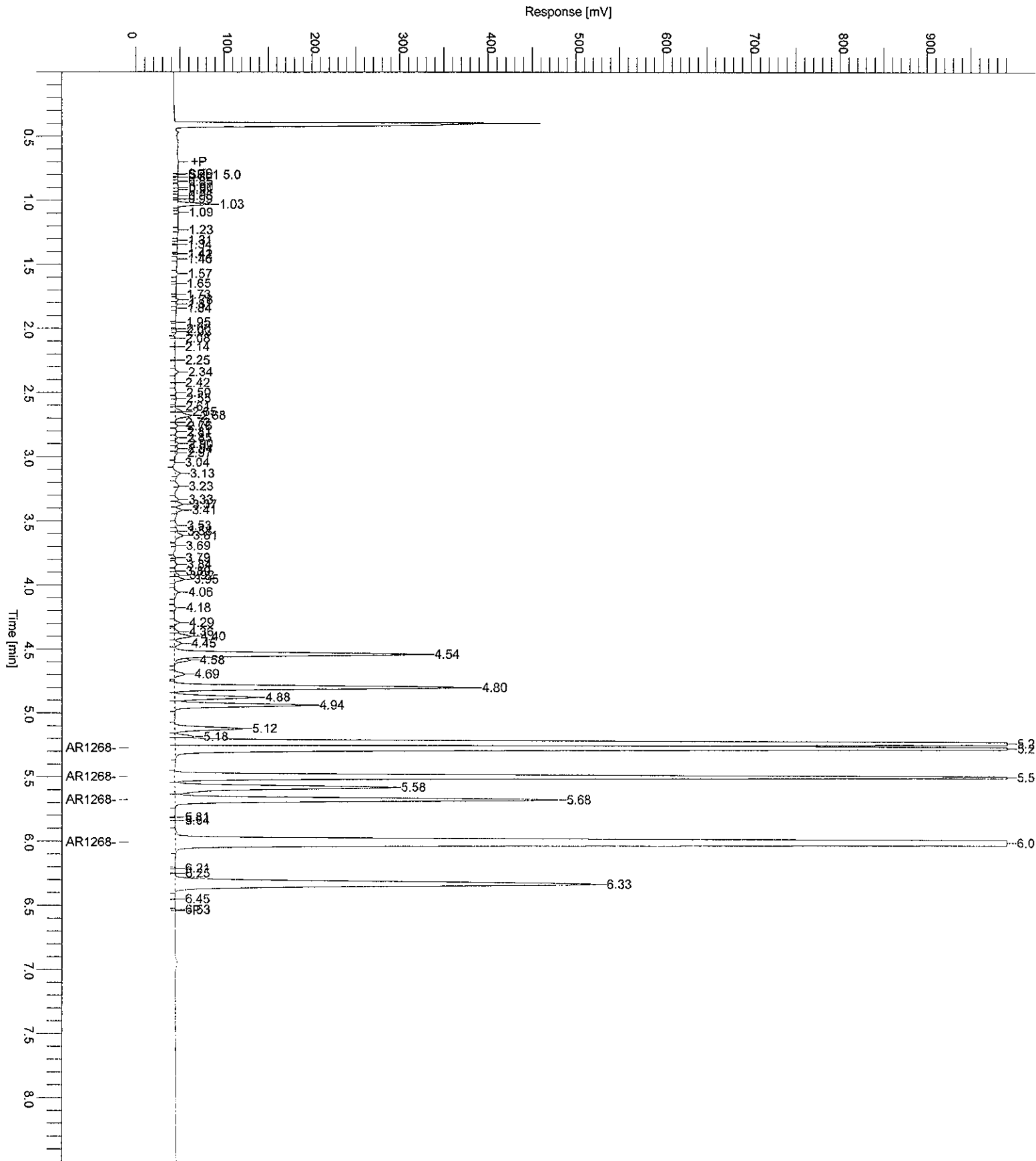
Group Report For : AR1268

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
72	5.27	VB	2378876	AR1268-A	0.50000	0.12500	4
73	5.50	BV	1920378	AR1268-B	0.50000	0.12500	4
75	5.68	VB	827041	AR1268-C	0.50000	0.12500	4
78	6.01	BB	6452586	AR1268-D	0.50000	0.12500	4
			11578881			0.50000	

Processed by: AW 6/30/08
 Reviewed by: [Signature] JUN 30 2008

Sample Name : ICM68JA
FileName : H:\TURBO6\6890-07\7b61093.raw
Date : 06/24/2008 16:15:21
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -8.53 mV

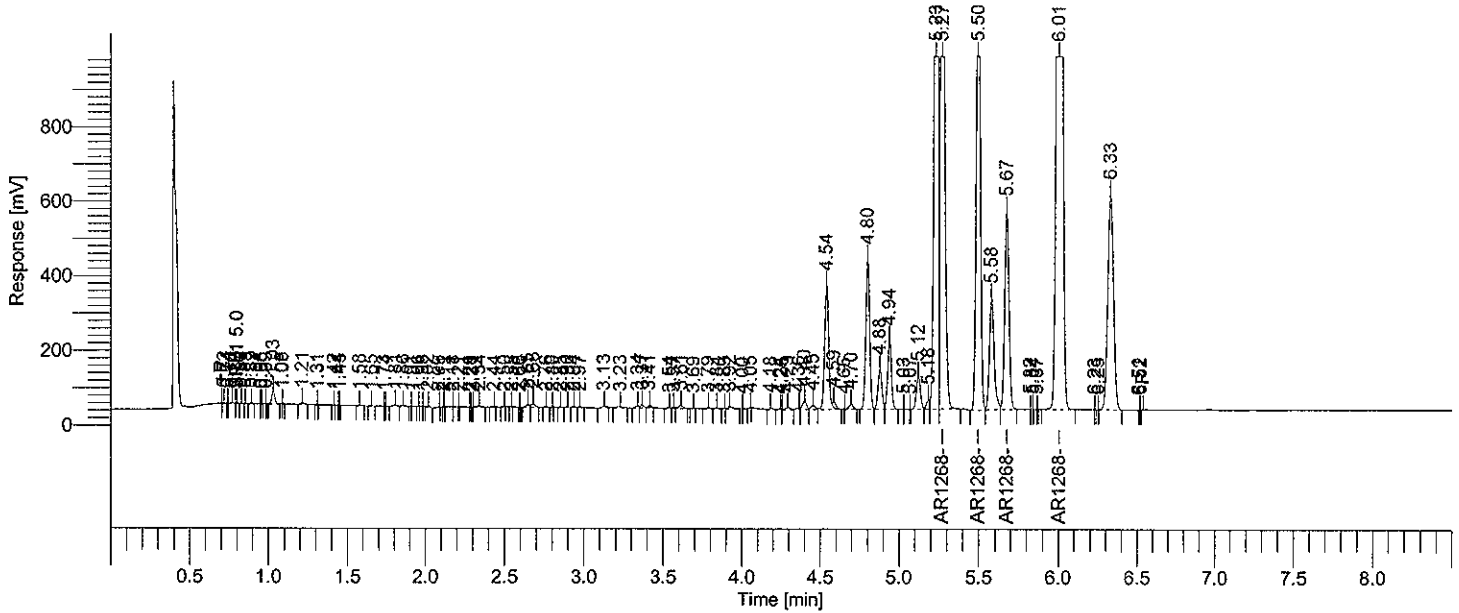
Sample #: 0.5NG Page 1 of 1
Time of Injection: 06/23/2008 20:36:50
End Time : 8.50 min Low Point : -8.53 mV High Point : 991.47 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf23: 6959
 Operator : tchrom
 Sample Number : 0.6NG
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 06/23/2008 20:55:01

Date : 06/24/2008 16:15:27
 Sample Name : ACM68FA
 Study : ACM
 Rack/Vial : 1/94
 Channel : B
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 14

Raw Data File : H:\TURBO6\6890-07\7b61094.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b61094.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b61094.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b61094.rst
 Calib Method : h:\turbo6\6890-07\07b68(06-23-08).mth from H:\TURBO6\6890-07\7b61094.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-61-ical.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
6.01		13777176	AR1268	0.5949	2.3158e+07	2.7554e+07	-0.8
		13777176		0.5949		2.7554e+07	

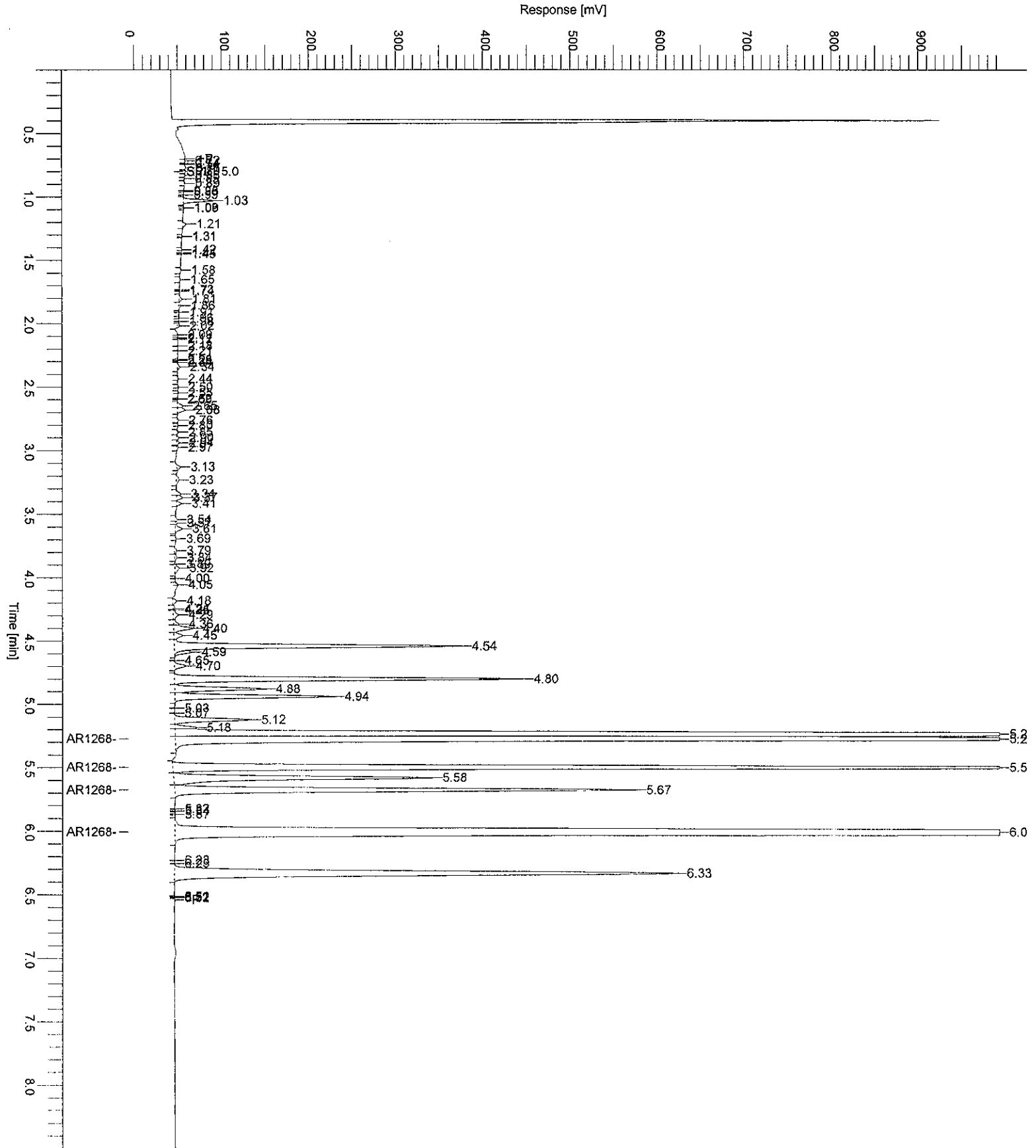
JUN 30 2008

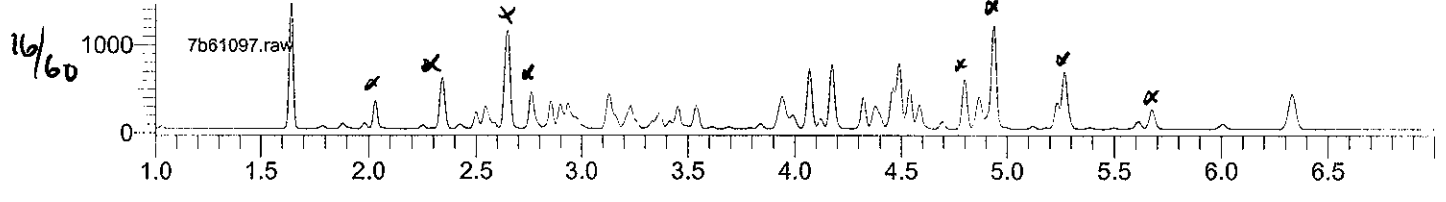
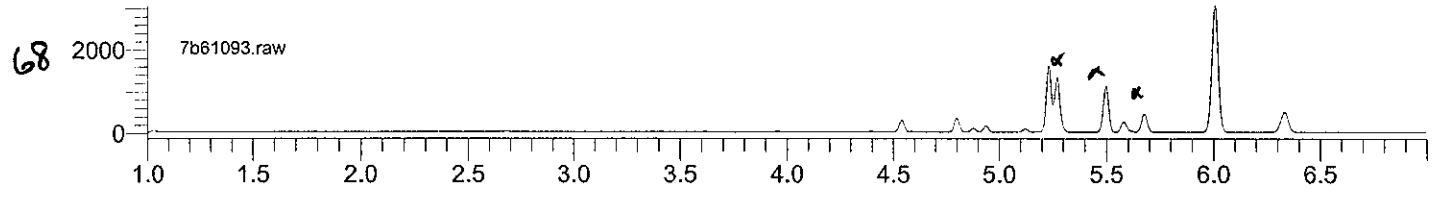
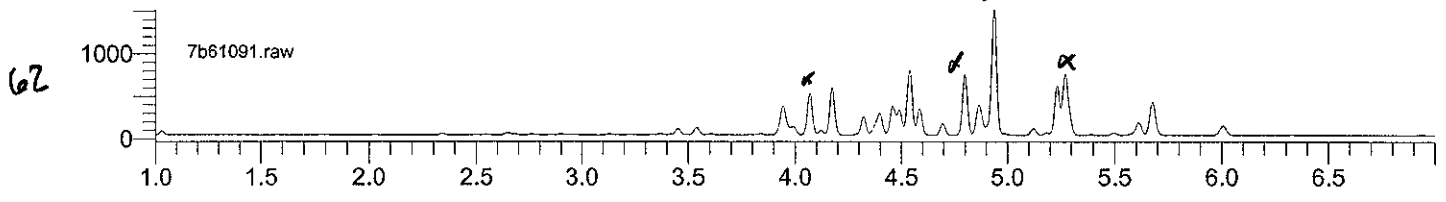
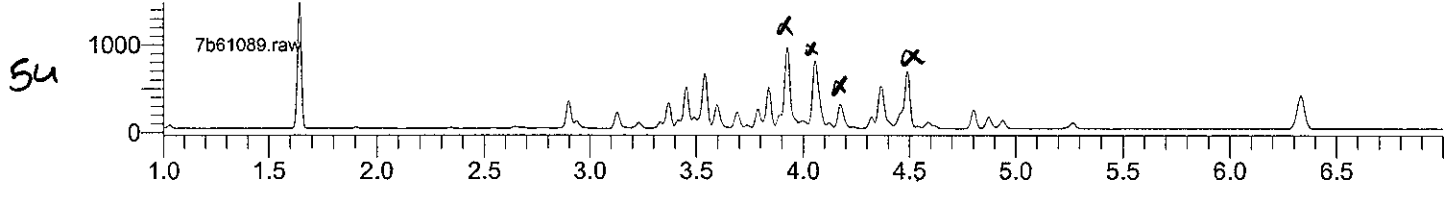
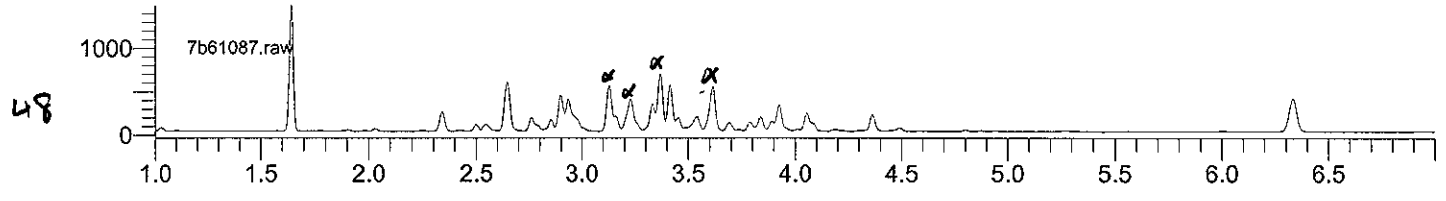
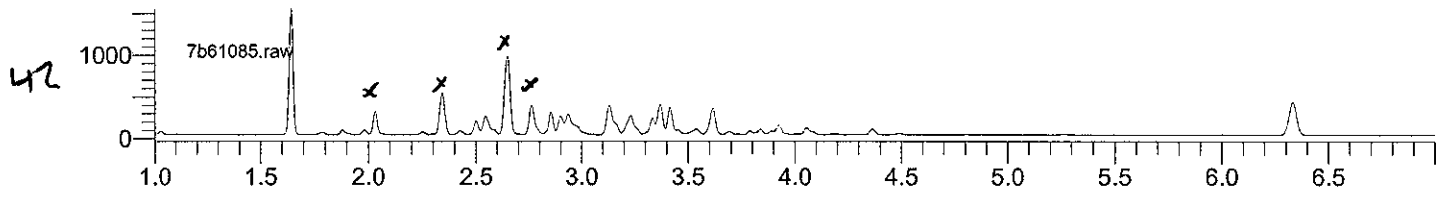
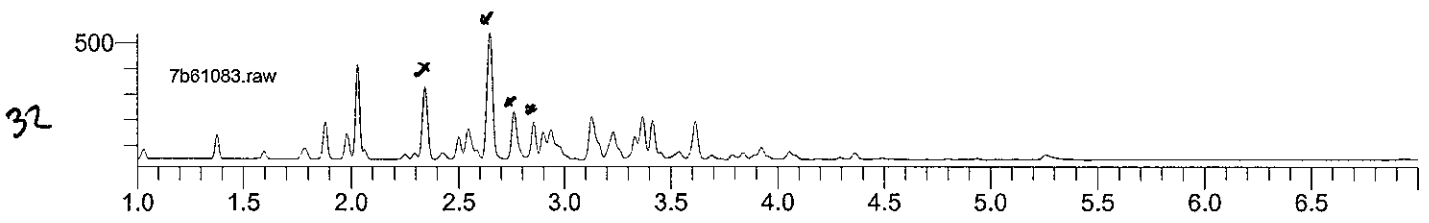
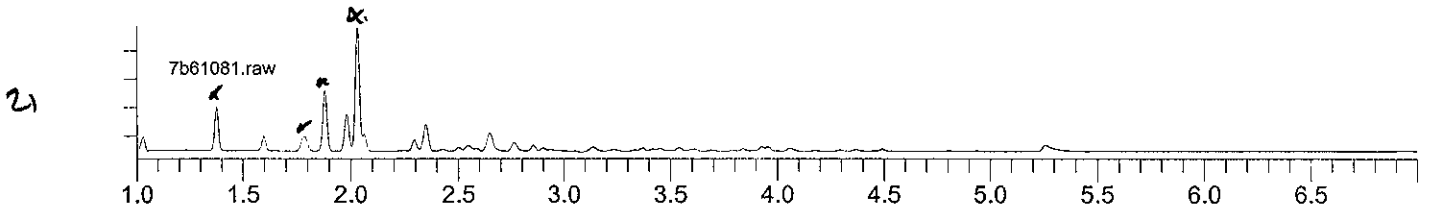
Group Report For : AR1268

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
5.27	VB	2839507	AR1268-A	0.5968	4.7578e+06	5.6790e+06	-0.5
5.50	BV	2267298	AR1268-B	0.5903	3.8408e+06	4.5346e+06	-1.6
5.67	VB	987807	AR1268-C	0.5972	1.6541e+06	1.9756e+06	-0.5
6.01	VB	7682565	AR1268-D	0.5953	1.2905e+07	1.5365e+07	-0.8
		13777176		2.3796		2.7554e+07	

Sample Name : ACM68FA
FileName : H:\TURBO6\6890-07\7b61094.raw
Date : 06/24/2008 16:15:28
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -7.31 mV

Sample #: 0.6NG
Page 1 of 1
Time of Injection: 06/23/2008 20:55:01
End Time : 8.50 min
Low Point : -7.31 mV
High Point : 992.69 mV
Plot Scale: 1000.0 mV





TotalChrom Method File H:\TURBO6\5890-12\12A-66(03-14-08).mth
 Printed by : RudzG on: 03/31/2008 16:46:41
 Created by : DelongG on: 03/19/2008 09:27:26
 Edited by : RudzG on: 03/31/2008 16:46:35
 Number of Times Edited : 7
 Number of Times Calibrated : 463
 Description: NEW 7 PT. 1016/1280 CURVE FOR INST #12 03/14/08.

Processed by: GAD 4/1/08
 Reviewed by: RJB 4/11/08

Global Sample Information

Default Sample Volume : 1.000 uL
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

TMX
 Component Type : Single Peak Component
 Retention Time : 1.618 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.030000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.020000
 Value 6 : -1.000000
 Value 7 : 0.000000

Calibration Level	Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
	A	0.0050	39810.65	18416.75	-----	-----	1
	B	0.0100	79822.61	38434.41	-----	-----	1
	C	0.0200	161100.18	78933.86	-----	-----	1
	D	0.0300	235948.76	114354.84	-----	-----	1
	E	0.0400	335093.27	158530.17	-----	-----	1
	F	0.0500	421448.17	193311.30	-----	-----	1

Calibration Curve : $y = (0.000000) + (8284866.001723)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997647

AR1016-A

Component Type : Single Peak Component
 Retention Time : 2.244 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level	Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
	a	0.0500	15988.00	5941.21	-----	-----	1
	b	0.1000	28545.43	11027.14	-----	-----	1
	c	0.2500	65403.21	25766.36	-----	-----	1
	d	0.5000	112578.50	44506.43	-----	-----	1
	e	1.0000	235732.18	93229.30	-----	-----	1
	f	2.0000	432596.44	169555.59	-----	-----	1
	H	0.0250	9996.25	3613.51	-----	-----	1

03/31/2008 16:46:41 Method: H:\TURBO6\5890-12\12A-66(03-14-08).mth

Calibration Curve : $y = (0.000000) + (221094.980890)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.996558

AR1016-B

Component Type : Single Peak Component
 Retention Time : 2.419 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	38380.44	14311.53	-----	-----	1
b	0.1000	73449.60	28183.27	-----	-----	1
c	0.2500	177753.21	68980.18	-----	-----	1
d	0.5000	312620.88	120033.46	-----	-----	1
e	1.0000	670564.93	252044.75	-----	-----	1
f	2.0000	1242955.77	458263.38	-----	-----	1
H	0.0250	23174.85	8465.98	-----	-----	1

Calibration Curve : $y = (0.000000) + (632239.140198)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997904

AR1016

Component Type : Named Group
 Group Members
 AR1016-A
 AR1016-B
 AR1016-C
 AR1016-D
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.600000
 Value 4 : 0.000000
 Value 5 : 0.250000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	91792.76	31971.30	-----	-----	1
b	0.1000	173564.34	61960.55	-----	-----	1
c	0.2500	408671.73	148066.84	-----	-----	1
d	0.5000	709995.53	256381.80	-----	-----	1
e	1.0000	1515890.03	541343.83	-----	-----	1
f	2.0000	2810953.54	990026.46	-----	-----	1
H	0.0250	57336.07	19399.59	-----	-----	1

Calibration Curve : $y = (0.000000) + (1430506.708742)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997689

AR1016-C

Component Type : Single Peak Component
 Retention Time : 2.815 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

03/31/2008 16:46:41 Method: H:\TURBO6\5890-12\12A-66(03-14-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	21802.81	6134.77	-----	-----	1
b	0.1000	41391.23	11880.46	-----	-----	1
c	0.2500	95462.51	27735.18	-----	-----	1
d	0.5000	163752.07	47322.84	-----	-----	1
e	1.0000	347100.96	100034.53	-----	-----	1
f	2.0000	640522.71	183127.69	-----	-----	1
H	0.0250	13952.34	3826.58	-----	-----	1

Calibration Curve : $y = (0.000000) + (326621.968758)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997139

AR1016-D

Component Type : Single Peak Component
 Retention Time : 2.892 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	15621.50	5583.78	-----	-----	1
b	0.1000	30178.08	10869.69	-----	-----	1
c	0.2500	70052.79	25585.12	-----	-----	1
d	0.5000	121044.08	44519.07	-----	-----	1
e	1.0000	262491.95	96035.24	-----	-----	1
f	2.0000	494878.63	179079.79	-----	-----	1
h	0.0250	10212.63	3493.52	-----	-----	1

Calibration Curve : $y = (0.000000) + (250550.618896)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998396

AR1260-A

Component Type : Single Peak Component
 Retention Time : 4.185 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find largest peak in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	45524.72	10818.86	-----	-----	1
b	0.1000	77015.76	18189.24	-----	-----	1
c	0.2500	177352.27	41310.26	-----	-----	1
d	0.5000	292526.96	67782.40	-----	-----	1
e	1.0000	608694.70	139087.13	-----	-----	1
f	2.0000	1117053.38	250735.86	-----	-----	1
H	0.0250	28446.14	6976.70	-----	-----	1

03/31/2008 16:46:41 Method: H:\TURBO6\5890-12\12A-66(03-14-08).mth

Calibration Curve : $y = (0.000000) + (571593.377448)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.995641

AR1260-B

Component Type : Single Peak Component
 Retention Time : 4.532 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	52300.86	16321.51	-----	-----	1
b	0.1000	100240.36	31710.06	-----	-----	1
c	0.2500	240885.74	75958.20	-----	-----	1
d	0.5000	413532.68	129301.96	-----	-----	1
e	1.0000	882181.10	272902.49	-----	-----	1
f	2.0000	1640898.76	499535.69	-----	-----	1
H	0.0250	30776.64	9471.10	-----	-----	1

Calibration Curve : $y = (0.000000) + (834526.444488)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997805

AR1260

Component Type : Named Group

Group Members

- AR1260-A
- AR1260-B
- AR1260-C
- AR1260-D

Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.600000
 Value 4 : 0.000000
 Value 5 : 0.250000

Calibration Level						
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	131337.64	39158.98	-----	-----	1
b	0.1000	241464.22	73272.40	-----	-----	1
c	0.2500	573464.31	173754.01	-----	-----	1
d	0.5000	977227.56	295233.41	-----	-----	1
e	1.0000	2083414.23	623481.17	-----	-----	1
H	0.0250	78065.71	23255.87	-----	-----	1
f	2.0000	3878816.77	1.15e+06	-----	-----	1

Calibration Curve : $y = (0.000000) + (1972668.478358)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997685

AR1260-C

Component Type : Single Peak Component
 Retention Time : 4.745 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

03/31/2008 16:46:41 Method: H:\TURBO6\5890-12\12A-66(03-14-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	20603.04	7644.69	-----	-----	1
b	0.1000	39918.35	14977.90	-----	-----	1
c	0.2500	97633.29	36527.44	-----	-----	1
d	0.5000	170738.92	63592.69	-----	-----	1
e	1.0000	374352.84	137086.17	-----	-----	1
f	2.0000	704287.20	256527.20	-----	-----	1
H	0.0250	11609.54	4343.50	-----	-----	1

Calibration Curve : $y = (0.000000) + (356393.335767)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998570

AR1260-D

Component Type : Single Peak Component
 Retention Time : 5.173 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	12909.02	4373.92	-----	-----	1
b	0.1000	24289.75	8395.20	-----	-----	1
c	0.2500	57593.00	19958.12	-----	-----	1
d	0.5000	100429.00	34556.36	-----	-----	1
e	1.0000	218185.59	74405.38	-----	-----	1
f	2.0000	416577.42	140549.27	-----	-----	1
h	0.0250	7233.38	2464.57	-----	-----	1

Calibration Curve : $y = (0.000000) + (210155.320654)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998920

DCBP

Component Type : Single Peak Component
 Retention Time : 5.643 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.030000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.020000
 Value 6 : 0.005000
 Value 7 : 1.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	45083.85	14399.52	-----	-----	1
B	0.0100	83543.41	26916.83	-----	-----	1
C	0.0200	154759.61	49724.28	-----	-----	1
D	0.0300	208558.89	66976.73	-----	-----	1
E	0.0400	282561.56	90345.27	-----	-----	1
F	0.0500	341982.47	109149.44	-----	-----	1

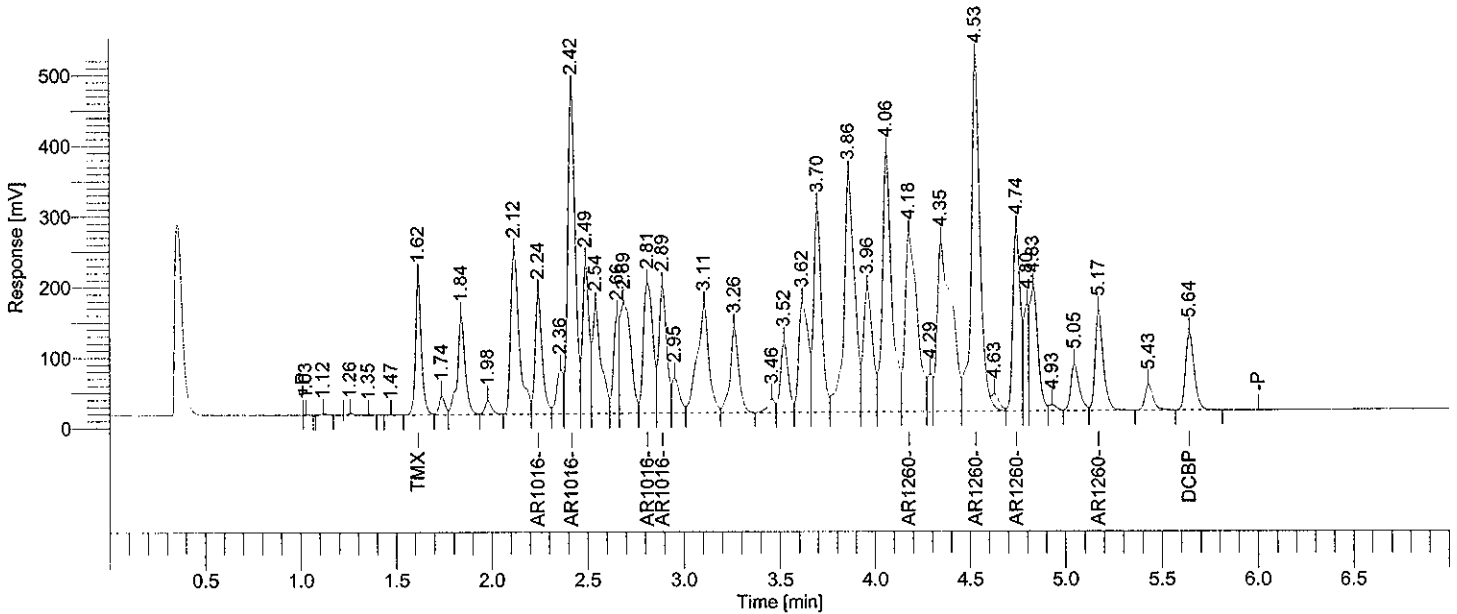
03/31/2008 16:46:41 Method: H:\TURBO6\5890-12\12A-66(03-14-08).mth

Calibration Curve : $y = (0.000000) + (7025230.433975)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.991261

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2042: 186098
 Operator : tchrom
 Sample Number : 2.0NG
 AutoSampler : NONE
 Instrument Name : HP5890-12
 Interface Serial # : 4118271166
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 03/14/2008 14:43:32

Date : 03/29/2008 10:40:41
 Sample Name : ICM66TC
 Study : ICAL
 Rack/Vial : 0/0
 Channel : A
 A/D mV Range : 1000
 End Time : 7.00 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 15

Raw Data File : H:\TURBO6\5890-12\12a21025.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a21025.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21025.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21025.rst
 Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a21025.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.62	BV	421448	TMX	0.05000	-----	0
	2.42		2810954	AR1016	2.00000	0.50000	4
	4.53		3878817	AR1260	2.00000	0.50000	4
42	5.64	VB	341982	DCBP	0.05000	-----	0
					7453201	1.00000	

Processed by: SPD 4/1/08
 Reviewed by: MY 4/1/08

03/29/2008 10:40:41 Result: H:\TURBO6\5890-12\12a21025.rst

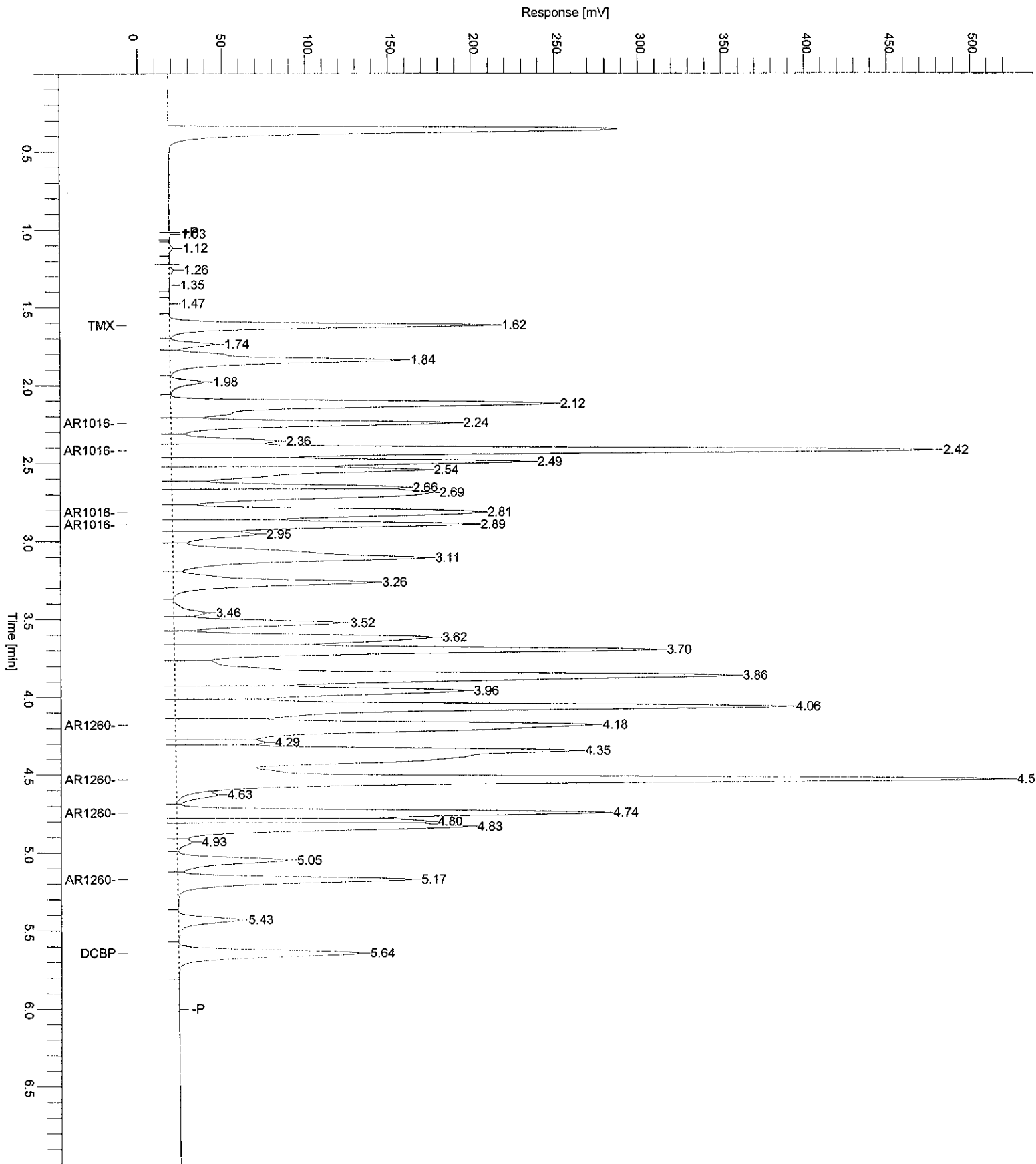
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.24	VV	432596	AR1016-A	2.00000	0.50000	4
13	2.42	VV	1242956	AR1016-B	2.00000	0.50000	4
18	2.81	VV	640523	AR1016-C	2.00000	0.50000	4
19	2.89	VV	494879	AR1016-D	2.00000	0.50000	4
						2.00000	
			2810954			2.00000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
30	4.18	VV	1117053	AR1260-A	2.00000	0.50000	4
33	4.53	VE	1640899	AR1260-B	2.00000	0.50000	4
35	4.74	VV	704287	AR1260-C	2.00000	0.50000	4
40	5.17	VB	416577	AR1260-D	2.00000	0.50000	4
						2.00000	
			3878817			2.00000	

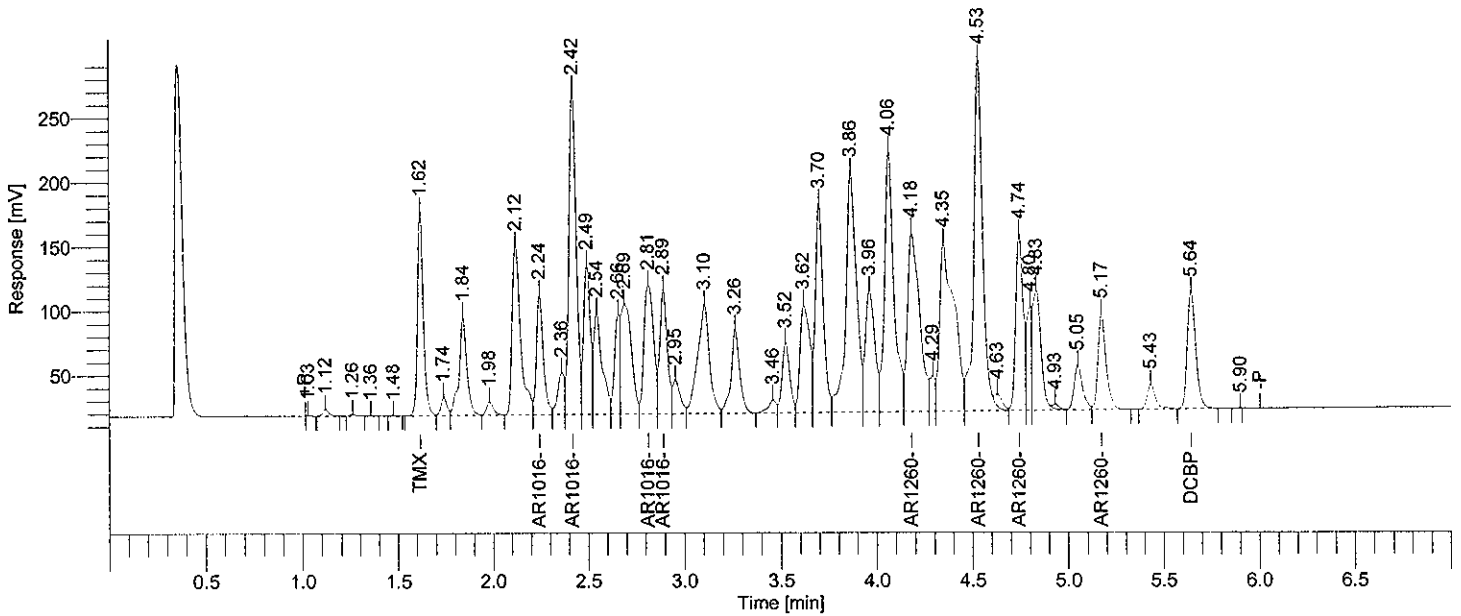
Sample Name : ICM66TC
File Name : H:\TURBO6\5890-12\12a21025.raw
Date : 03/29/2008 10:40:43
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0
Sample #: 2.0NG
Page 1 of 1
Time of Injection: 03/14/2008 14:43:32
End Time : 7.00 min
Plot Offset: -7.08 mV
Low Point : -7.08 mV
High Point : 521.48 mV
Plot Scale: 528.6 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2042: 186100
 Operator : tchrom
 Sample Number : 1.0NG
 AutoSampler : NONE
 Instrument Name : HP5890-12
 Interface Serial # : 4118271166
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 03/14/2008 14:57:49

Date : 03/29/2008 10:40:52
 Sample Name : ICM66TD
 Study : ICAL
 Rack/Vial : 0/0
 Channel : A
 A/D mV Range : 1000
 End Time : 7.00 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 16

Raw Data File : H:\TURBO6\5890-12\12a21026.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a21026.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21026.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21026.rst
 Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a21026.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.62	VV	335093	TMX	0.04000	-----	0
	2.42		1515890	AR1016	1.00000	0.25000	4
	4.53		2083414	AR1260	1.00000	0.25000	4
42	5.64	VB	282562	DCBP	0.04000	-----	0
			4216959			0.50000	

Processed by: *[Signature]* 4/1/08
 Reviewed by: *[Signature]* 4/11/08

03/29/2008 10:40:52 Result: H:\TURBO6\5890-12\12a21026.rst

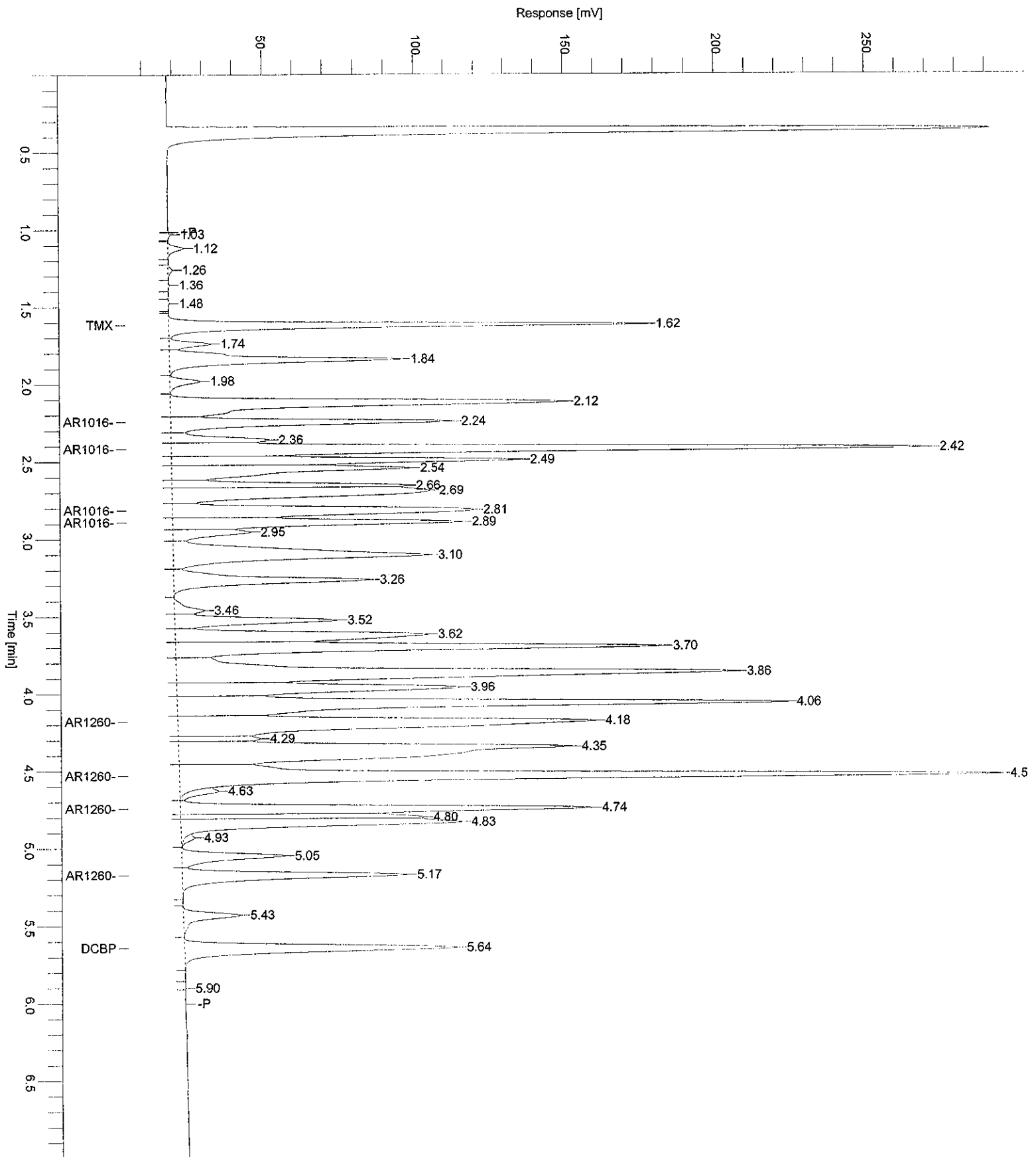
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.24	VV	235732	AR1016-A	1.00000	0.25000	4
13	2.42	VV	670565	AR1016-B	1.00000	0.25000	4
18	2.81	VV	347101	AR1016-C	1.00000	0.25000	4
19	2.89	VV	262492	AR1016-D	1.00000	0.25000	4
			1515890			1.00000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
30	4.18	VV	608695	AR1260-A	1.00000	0.25000	4
33	4.53	VE	882181	AR1260-B	1.00000	0.25000	4
35	4.74	VV	374353	AR1260-C	1.00000	0.25000	4
40	5.17	VB	218186	AR1260-D	1.00000	0.25000	4
			2083414			1.00000	

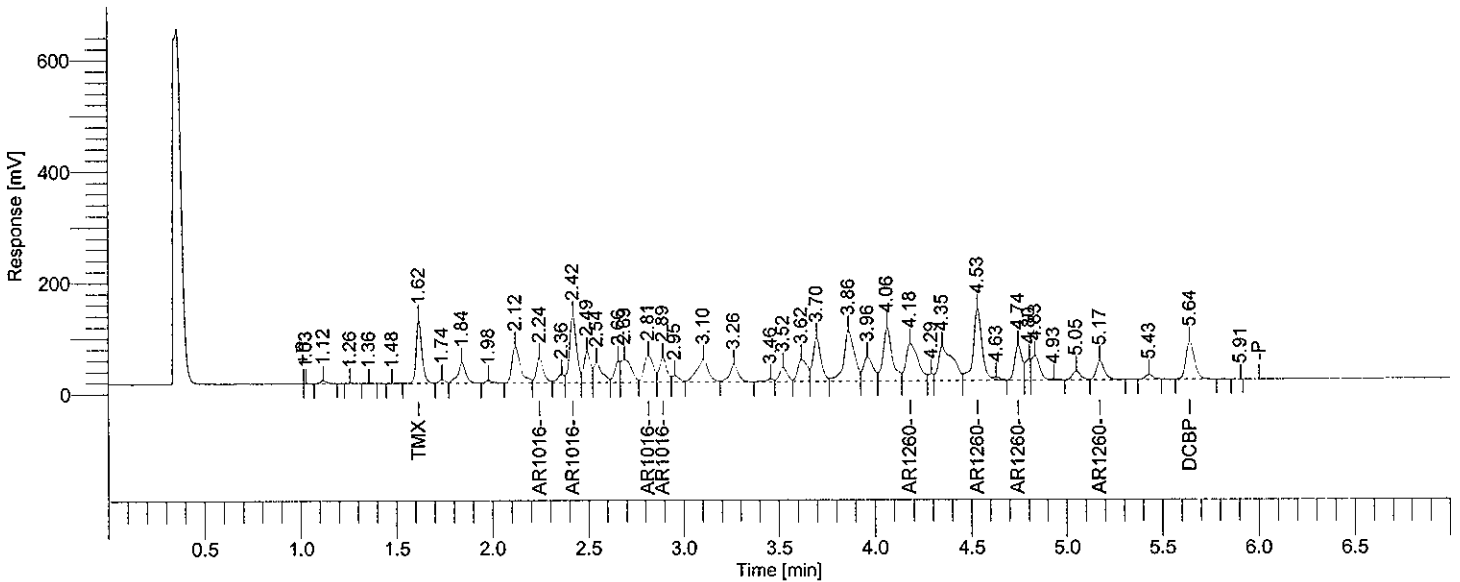
Sample Name : ICM66TD
File Name : H:\TURBO6\5890-12\12a21026.raw
Date : 03/29/2008 10:40:54
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0
Sample #: 1.0NG
Page 1 of 1
Time of Injection: 03/14/2008 14:57:49
End Time : 7.00 min
Plot Offset: 4.38 mV
Low Point : 4.38 mV
High Point : 294.38 mV
Plot Scale: 290.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2042: 186102
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : NONE
 Instrument Name : HP5890-12
 Interface Serial # : 4118271166
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 03/14/2008 15:12:03

Date : 03/29/2008 10:41:02
 Sample Name : ICM66UA
 Study : ICAL
 Rack/Vial : 0/0
 Channel : A
 A/D mV Range : 1000
 End Time : 7.00 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 17

Raw Data File : H:\TURBO6\5890-12\12a21027.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a21027.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21027.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21027.rst
 Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a21027.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.62	VV	235949	TMX	0.03000	-----	0
	2.42		709996	AR1016	0.50000	0.12500	4
	4.53		977228	AR1260	0.50000	0.12500	4
42	5.64	VB	208559	DCBP	0.03000	-----	0
			2131731			0.25000	

Processed by: SPD 4/1/08
 Reviewed by: NY 4/11/08

03/29/2008 10:41:02 Result: H:\TURBO6\5890-12\12a21027.rst

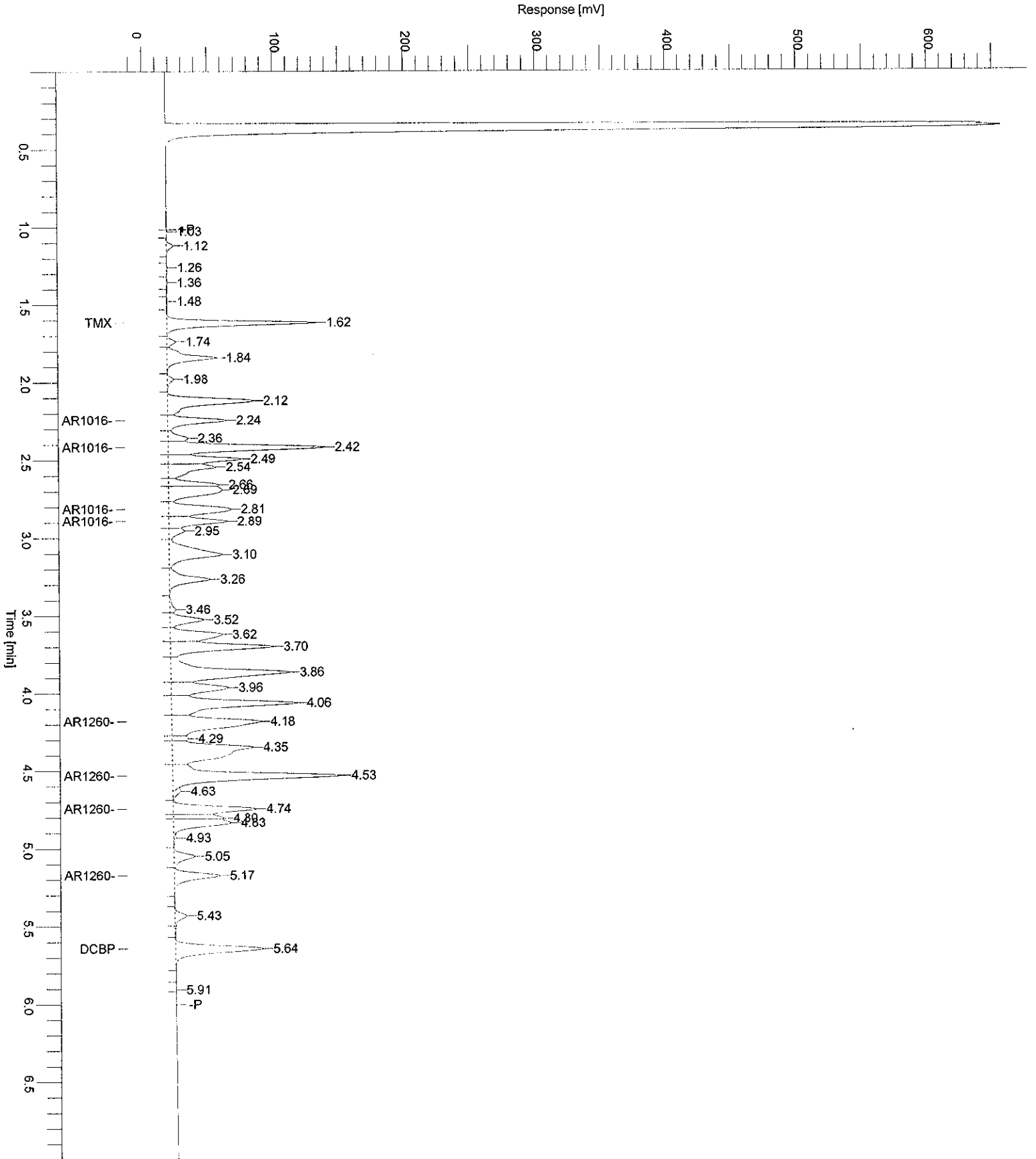
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.24	VV	112578	AR1016-A	0.50000	0.12500	4
13	2.42	VV	312621	AR1016-B	0.50000	0.12500	4
18	2.81	VV	163752	AR1016-C	0.50000	0.12500	4
19	2.89	VV	121044	AR1016-D	0.50000	0.12500	4
			709996			0.50000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
30	4.18	VV	292527	AR1260-A	0.50000	0.12500	4
33	4.53	VE	413533	AR1260-B	0.50000	0.12500	4
35	4.74	VV	170739	AR1260-C	0.50000	0.12500	4
40	5.17	VB	100429	AR1260-D	0.50000	0.12500	4
			977228			0.50000	

Sample Name : ICM66UA Sample #: 0.5NG Page 1 of 1
File Name : H:\TURBO6\5890-12\12a21027.raw
Date : 03/29/2008 10:41:03
Method : 12DINS Time of Injection: 03/14/2008 15:12:03
Start Time : 0.00 min End Time : 7.00 min Low Point : -13.76 mV High Point : 656.61 mV
Scale Factor: 1.0 Plot Offset: -13.76 mV Plot Scale: 670.4 mV



```

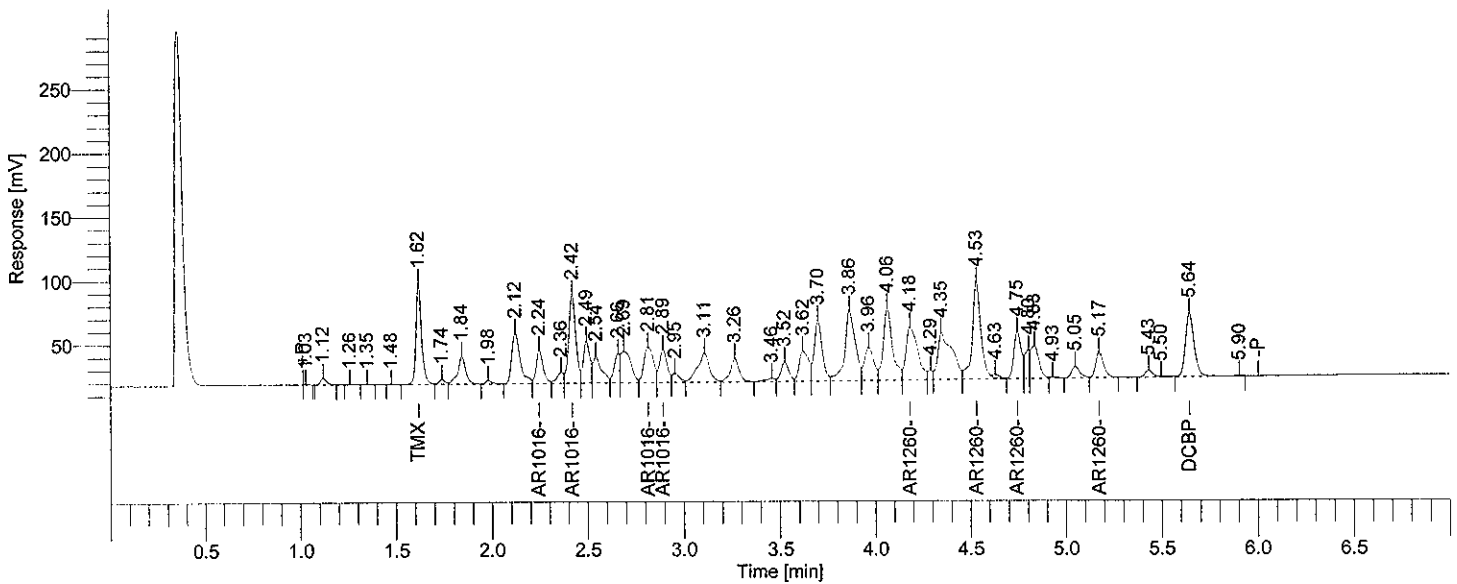
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186104
Operator : tchrom
Sample Number : 0.25NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 15:26:18

Date : 03/29/2008 10:41:11
Sample Name : ICM66TE
Study : ICAL
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 18
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21028.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21028.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21028.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21028.rst
Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a21028.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.62	VV	161100	TMX	0.02000	-----	0
	2.42		408672	AR1016	0.25000	0.06250	4
	4.53		573464	AR1260	0.25000	0.06250	4
43	5.64	VE	154760	DCBP	0.02000	-----	0
			1297996			0.12500	

Processed by: GA 4/1/08
 Reviewed by: AW 4/1/08

03/29/2008 10:41:11 Result: H:\TURBO6\5890-12\12a21028.rst

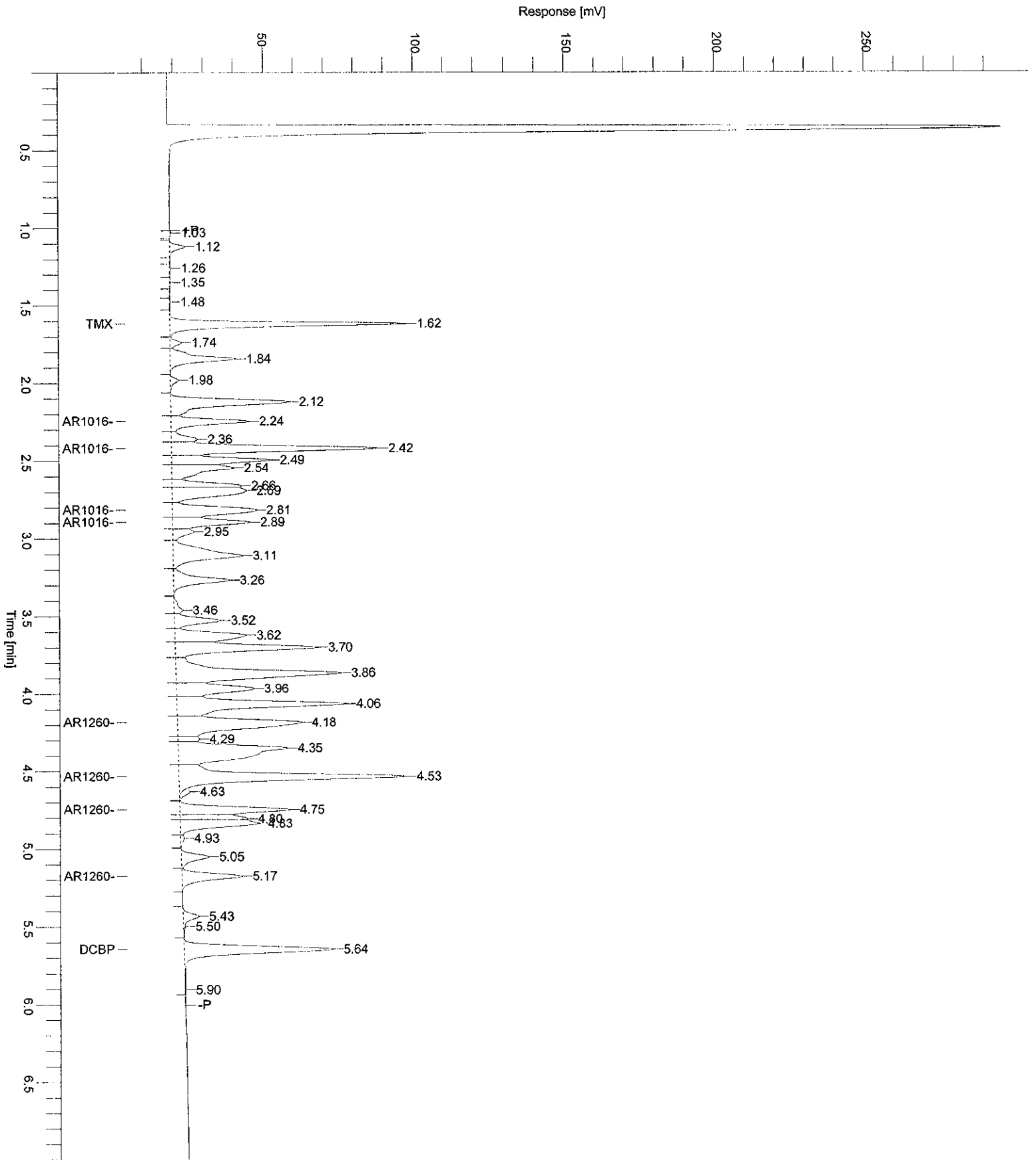
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.24	VV	65403	AR1016-A	0.25000	0.06250	4
13	2.42	VV	177753	AR1016-B	0.25000	0.06250	4
18	2.81	VV	95463	AR1016-C	0.25000	0.06250	4
19	2.89	VV	70053	AR1016-D	0.25000	0.06250	4
			408672			0.25000	

Group Report For : AR1260

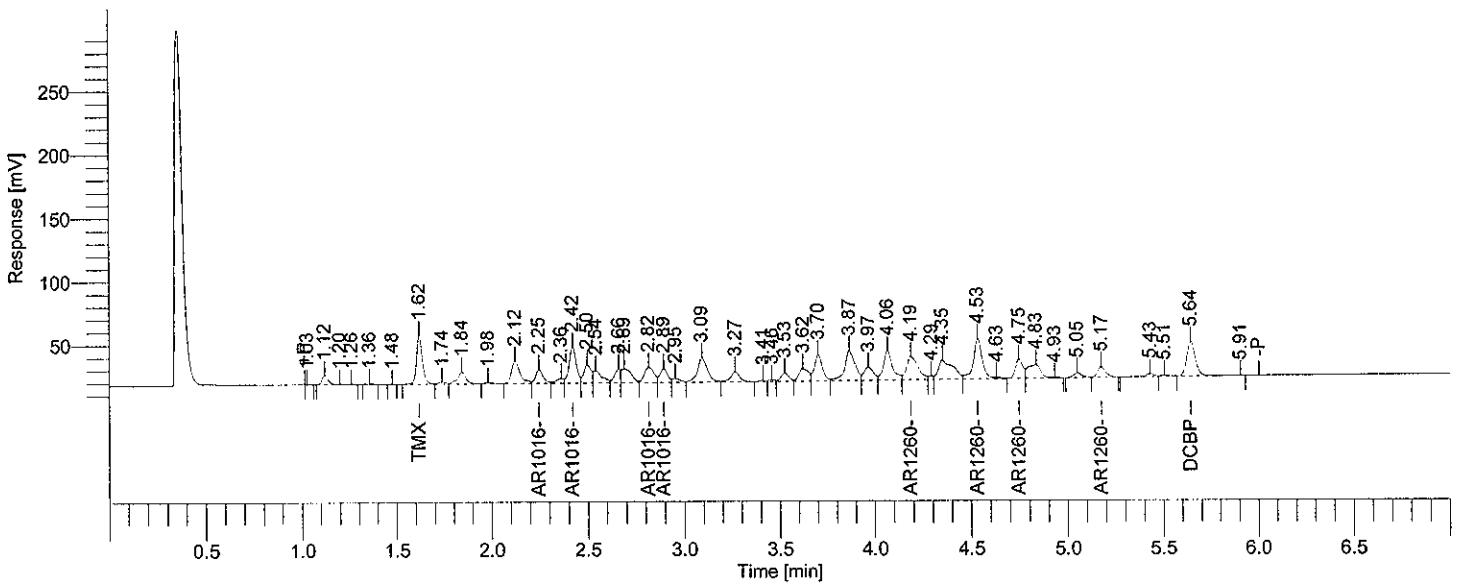
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
30	4.18	VV	177352	AR1260-A	0.25000	0.06250	4
33	4.53	VE	240886	AR1260-B	0.25000	0.06250	4
35	4.75	VV	97633	AR1260-C	0.25000	0.06250	4
40	5.17	VB	57593	AR1260-D	0.25000	0.06250	4
			573464			0.25000	

Sample Name : ICM66TE Sample #: 0.25NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21028.raw
Date : 03/29/2008 10:41:13
Method : 12DINS Time of Injection: 03/14/2008 15:26:18
Start Time : 0.00 min End Time : 7.00 min Low Point : 4.25 mV High Point : 295.70 mV
Scale Factor: 1.0 Plot Offset: 4.25 mV Plot Scale: 291.4 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:41:20
 Reprocess Number : buf2042: 186106
 Operator : tchrom Sample Name : ICM66TF
 Sample Number : 0.1NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : A
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 15:40:27 Cycle : 19

Raw Data File : H:\TURBO6\5890-12\12a21029.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a21029.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21029.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21029.rst
 Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a21029.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	1.62	VV	79823	TMX	0.01000	-----	0
	2.42		173564	AR1016	0.10000	0.02500	4
	4.53		241464	AR1260	0.10000	0.02500	4
44	5.64	VE	83543	DCBP	0.01000	-----	0
					578395	0.05000	

Processed by: GTD 4/1/08
 Reviewed by: DAJ 4/1/08

03/29/2008 10:41:20 Result: H:\TURBO6\5890-12\12a21029.rst

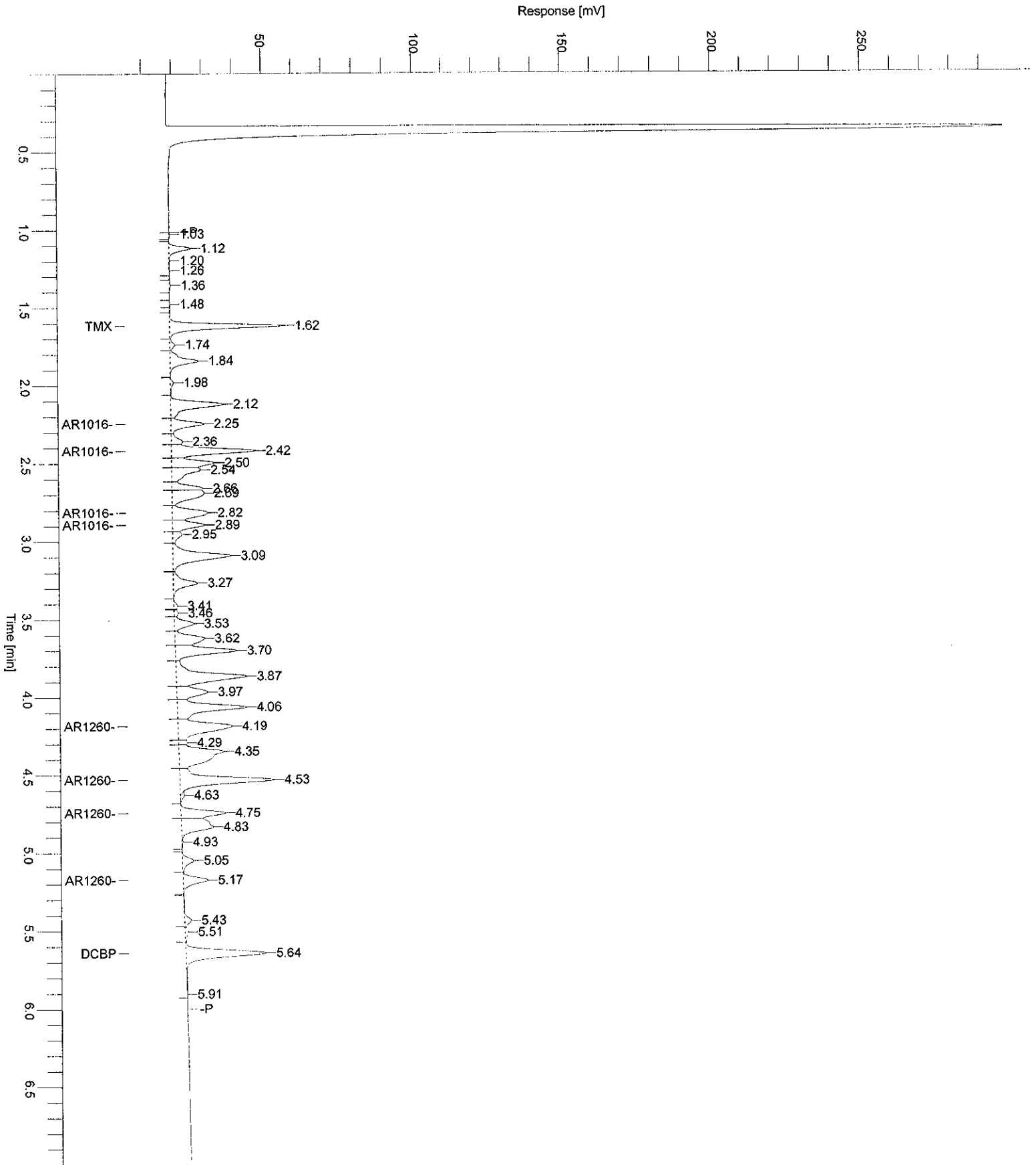
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	2.25	VV	28545	AR1016-A	0.10000	0.02500	4
14	2.42	VV	73450	AR1016-B	0.10000	0.02500	4
19	2.82	VV	41391	AR1016-C	0.10000	0.02500	4
20	2.89	VV	30178	AR1016-D	0.10000	0.02500	4
			173564			0.10000	

Group Report For : AR1260

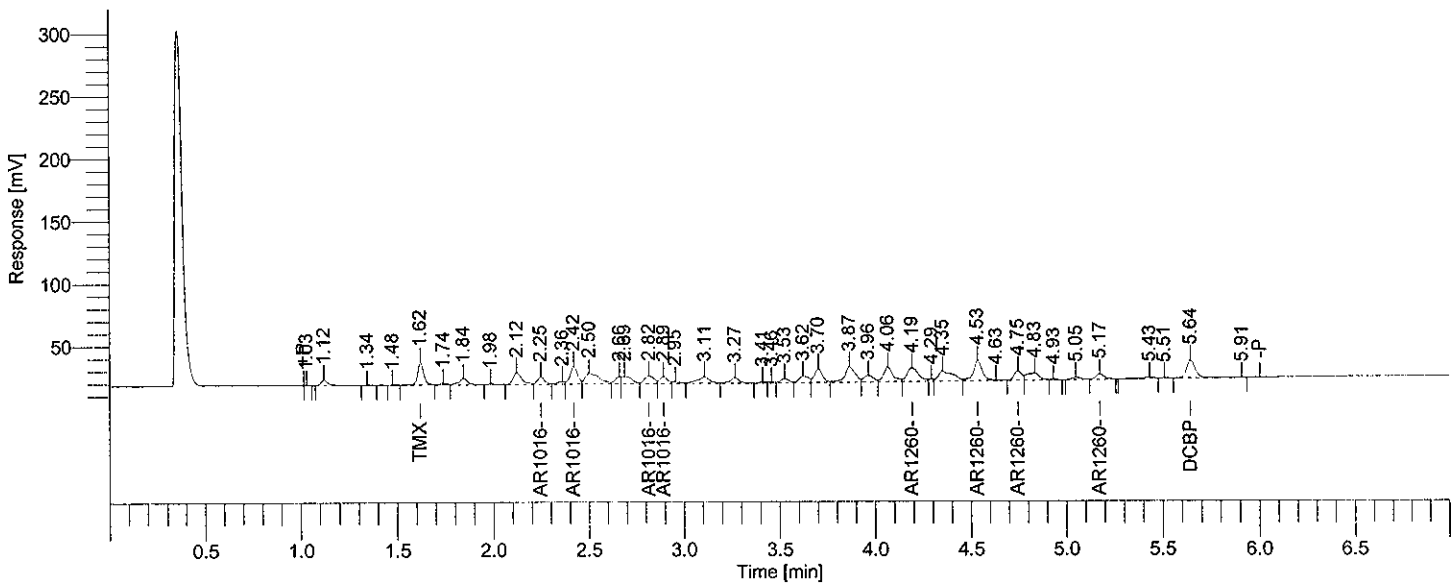
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
32	4.19	VV	77016	AR1260-A	0.10000	0.02500	4
35	4.53	VE	100240	AR1260-B	0.10000	0.02500	4
37	4.75	VV	39918	AR1260-C	0.10000	0.02500	4
41	5.17	VB	24290	AR1260-D	0.10000	0.02500	4
			241464			0.10000	

Sample Name : ICM66TF Sample #: 0.1NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21029.raw
Date : 03/29/2008 10:41:22
Method : 12DINS Time of Injection: 03/14/2008 15:40:27
Start Time : 0.00 min End Time : 7.00 min Low Point : 4.20 mV High Point : 298.02 mV
Scale Factor: 1.0 Plot Offset: 4.20 mV Plot Scale: 293.8 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:41:29
 Reprocess Number : buf2042: 186108
 Operator : tchrom Sample Name : ICM66TG
 Sample Number : 0.05NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : A
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 15:54:41 Cycle : 20

Raw Data File : H:\TURBO6\5890-12\12a21030.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a21030.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21030.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21030.rst
 Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a21030.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.62	VV	39811	TMX	0.00500	-----	0
	2.42		91793	AR1016	0.05000	0.01250	4
	4.53		131338	AR1260	0.05000	0.01250	4
41	5.64	VE	45084	DCBP	0.00500	-----	0
					308025	0.02500	

Processed by: BD 4/1/08
 Reviewed by: MS 4/11/08

03/29/2008 10:41:29 Result: H:\TURBO6\5890-12\12a21030.rst

Group Report For : AR1016

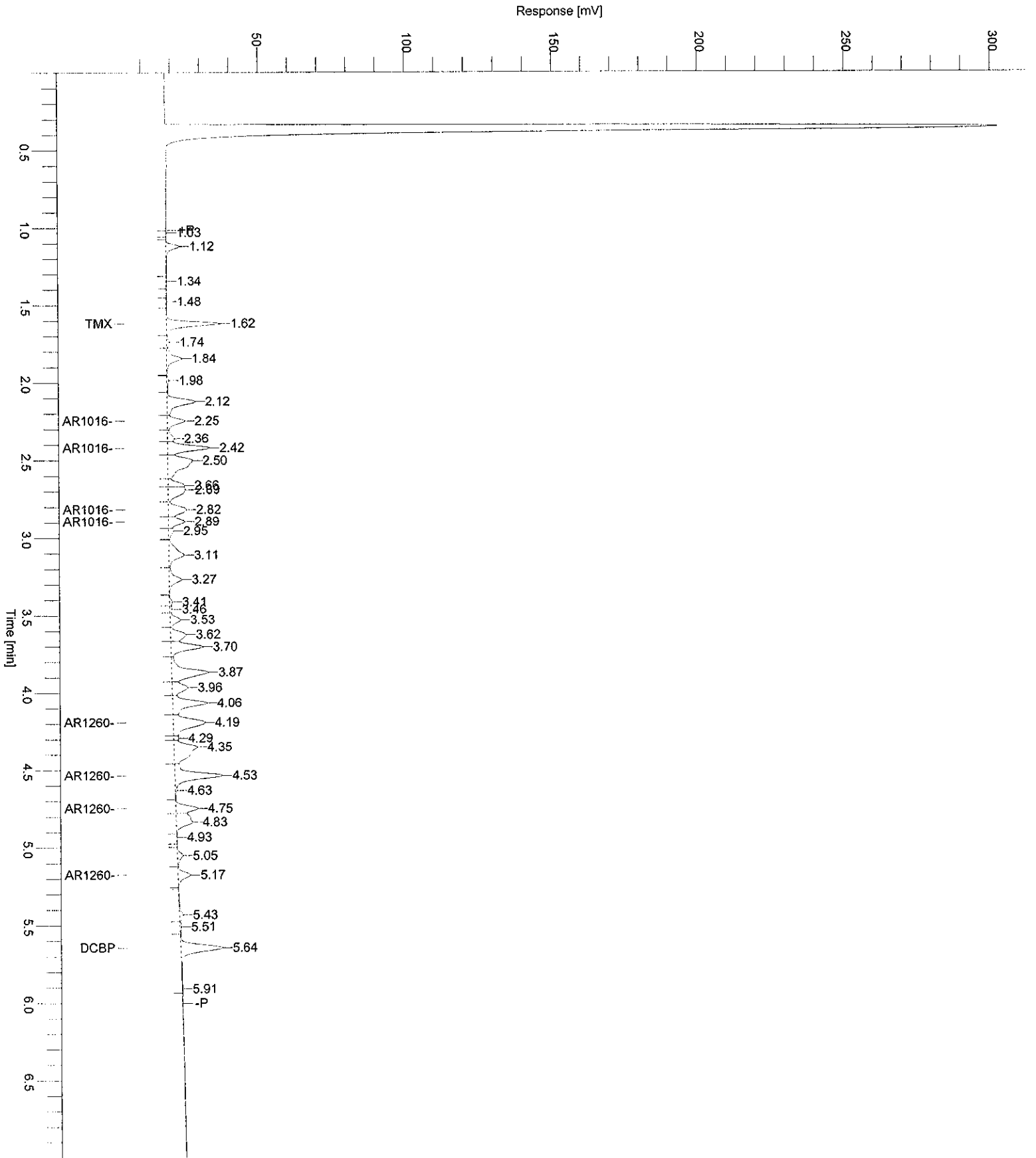
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.25	VV	15988	AR1016-A	0.05000	0.01250	4
12	2.42	VV	38380	AR1016-B	0.05000	0.01250	4
16	2.82	VV	21803	AR1016-C	0.05000	0.01250	4
17	2.89	VV	15621	AR1016-D	0.05000	0.01250	4
			91793			0.05000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
29	4.19	VV	45525	AR1260-A	0.05000	0.01250	4
32	4.53	VE	52301	AR1260-B	0.05000	0.01250	4
34	4.75	VV	20603	AR1260-C	0.05000	0.01250	4
38	5.17	VB	12909	AR1260-D	0.05000	0.01250	4
			131338			0.05000	

Sample Name : ICM66TG
FileName : H:\TURBO\15890-12\12a21030.raw
Date : 03/29/2008 10:41:31
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: 0.05NG
Page 1 of 1
Time of Injection: 03/14/2008 15:54:41
End Time : 7.00 min
Low Point : 4.04 mV
High Point : 302.51 mV
Plot Offset: 4.04 mV
Plot Scale: 298.5 mV



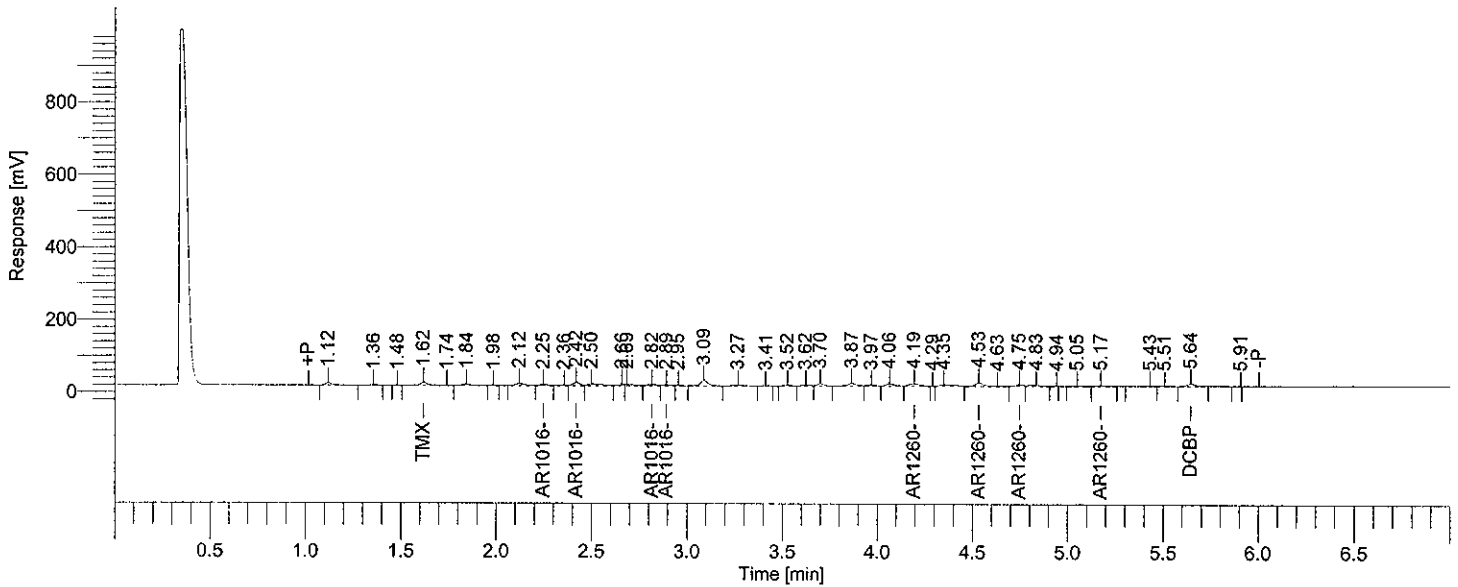

```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 186110
Operator          : tchrom
Sample Number     : 0.025NG
AutoSampler      : NONE
Instrument Name   : HP5890-12
Interface Serial # : 4118271166
Delay Time       : 0.00 min
Sampling Rate    : 25.0000 pts/s
Sample Volume    : 1.000000 uL
Sample Amount    : 1.0000
Data Acquisition Time : 03/14/2008 16:08:53

Date              : 03/29/2008 10:41:38
Sample Name      : ICM66TE
Study           : ICAL
Rack/Vial       : 0/0
Channel        : A
A/D mV Range   : 1000
End Time       : 7.00 min
Area Reject    : 1000.000000
Dilution Factor : 1.00
Cycle          : 21
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21031.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21031.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21031.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21031.rst
Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a21031.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	1.62	VE	20034	TMX	0.00253	-----	0
	2.42		57336	AR1016	0.02500	0.00625	4
	4.53		78066	AR1260	0.02500	0.00625	4
39	5.64	VB	20895	DCBP	0.00186	-----	0
			176330	0.01250			

Processed by: SD 4/1/08
 Reviewed by: MS 4/11/08

03/29/2008 10:41:38 Result: H:\TURBO6\5890-12\12a21031.rst

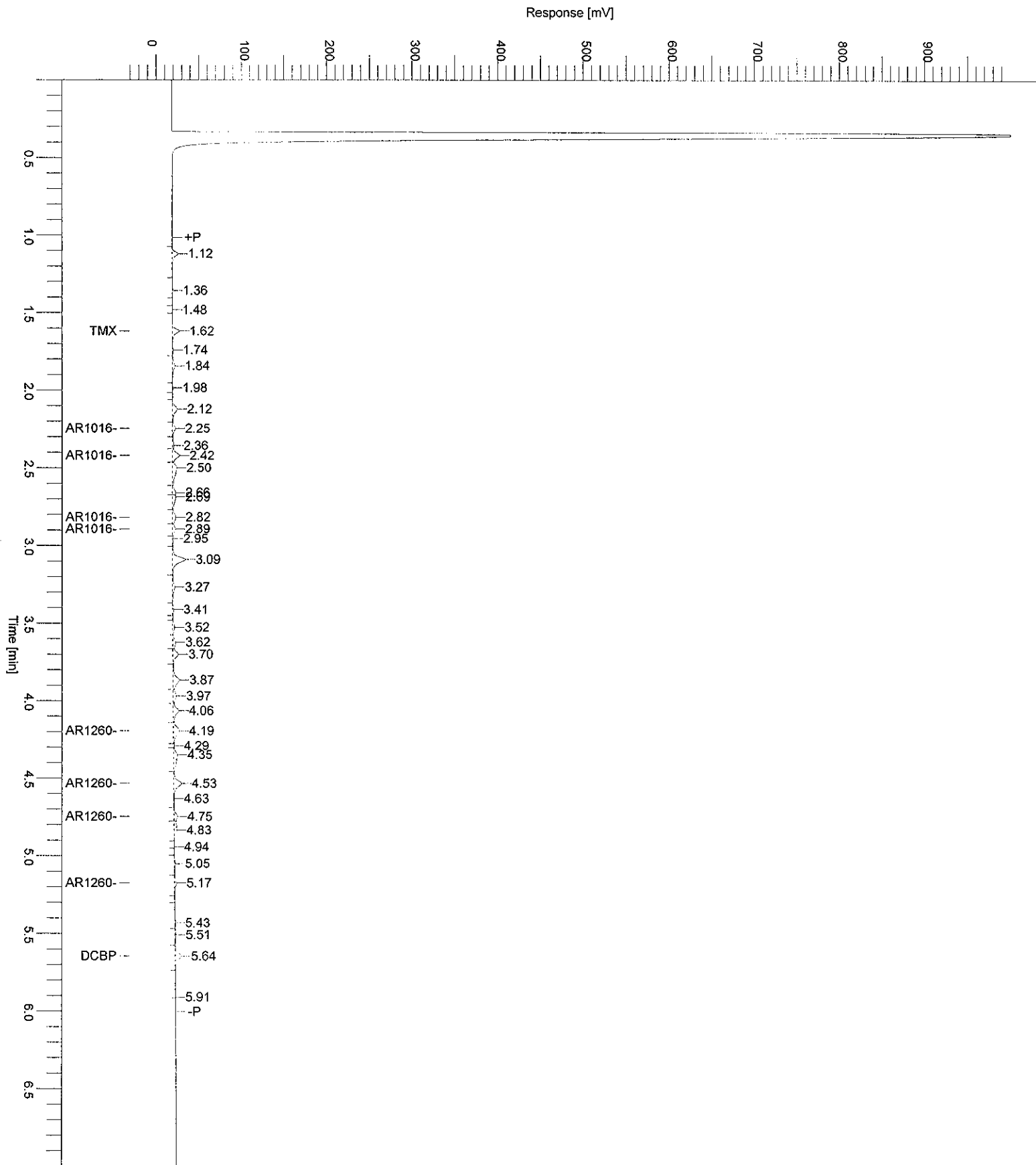
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	2.25	VV	9996	AR1016-A	0.02500	0.00625	4
11	2.42	VV	23175	AR1016-B	0.02500	0.00625	4
15	2.82	VV	13952	AR1016-C	0.02500	0.00625	4
16	2.89	VV	10213	AR1016-D	0.02500	0.00625	4
			57336			0.02500	

Group Report For : AR1260

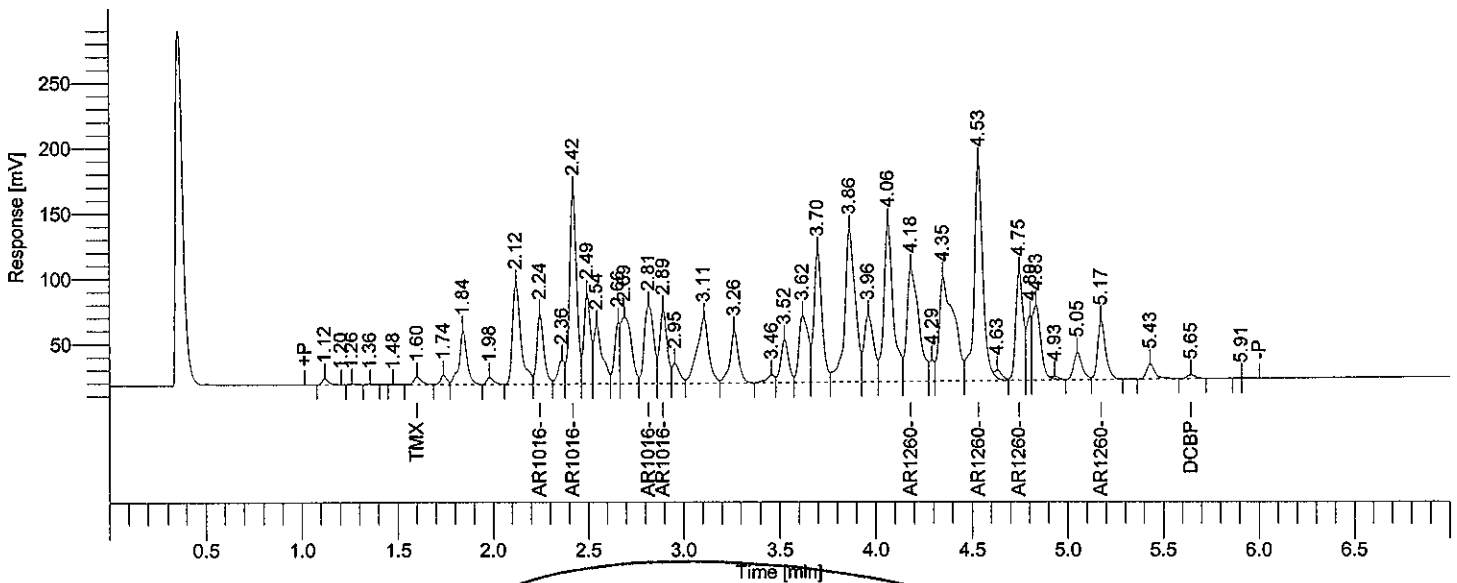
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	4.19	VV	28446	AR1260-A	0.02500	0.00625	4
30	4.53	VE	30777	AR1260-B	0.02500	0.00625	4
32	4.75	BV	11610	AR1260-C	0.02500	0.00625	4
36	5.17	VB	7233	AR1260-D	0.02500	0.00625	4
			78066			0.02500	

Sample Name : ICM66TE Sample #: 0.025NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21031.raw
Date : 03/29/2008 10:41:40 Time of Injection: 03/14/2008 16:08:53
Method : 12DINS
Start Time : 0.00 min End Time : 7.00 min Low Point : -30.92 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -30.92 mV Plot Scale: 1030.9 mV



Software Version : 6.2.1.0.104:0104 Date : 04/01/2008 10:51:12
 Reprocess Number : buf2042: 186538
 Operator : tchrom Sample Name : ACM66JB
 Sample Number : 0.6NG Study : ACM
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : A
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 16:23:06 Cycle : 1

Raw Data File : H:\TURBO6\5890-12\12a21032.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a21032.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21032.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21032.rst
 Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a21032.rst
 Report Format File: h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.60	VV	17417	TMX	0.0021	8.2849e+06	34834.8734	99.6
2.42		880680	AR1016	0.6156	1.4305e+06	1.7614e+06	2.6
4.53		1265996	AR1260	0.6418	1.9727e+06	2.5320e+06	7.0
5.65	VB	9128	DCBP	0.0013	7.0252e+06	18256.0397	99.8
		2173221		1.2608		4.3464e+06	

4/1/08

04/01/2008 10:51:12 Result: H:\TURBO6\5890-12\12a21032.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.24	VV	134982	AR1016-A	0.6105	2.2109e+05	2.6996e+05	1.8
2.42	VV	387108	AR1016-B	0.6123	6.3224e+05	7.7422e+05	2.0
2.81	VV	205375	AR1016-C	0.6288	3.2662e+05	4.1075e+05	4.8
2.89	VV	153214	AR1016-D	0.6115	2.5055e+05	3.0643e+05	1.9
				880680	2.4631	1.7614e+06	

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.18	VV	375142	AR1260-A	0.6563	5.7159e+05	7.5028e+05	9.4
4.53	VE	536758	AR1260-B	0.6432	8.3453e+05	1.0735e+06	7.2
4.75	VV	223442	AR1260-C	0.6270	3.5639e+05	4.4688e+05	4.5
5.17	VV	130653	AR1260-D	0.6217	2.1016e+05	2.6131e+05	3.6
				1265996	2.5482	2.5320e+06	

Sample Name : ACM66JB

Sample #: 0.6NG

Page 1 of 1

FileName : H:\TURBO6\5890-12\12a21032.raw

Date : 04/01/2008 10:51:14

Time of Injection: 03/14/2008 16:23:06

Method : 12DINS

Start Time : 0.00 min

End Time : 7.00 min

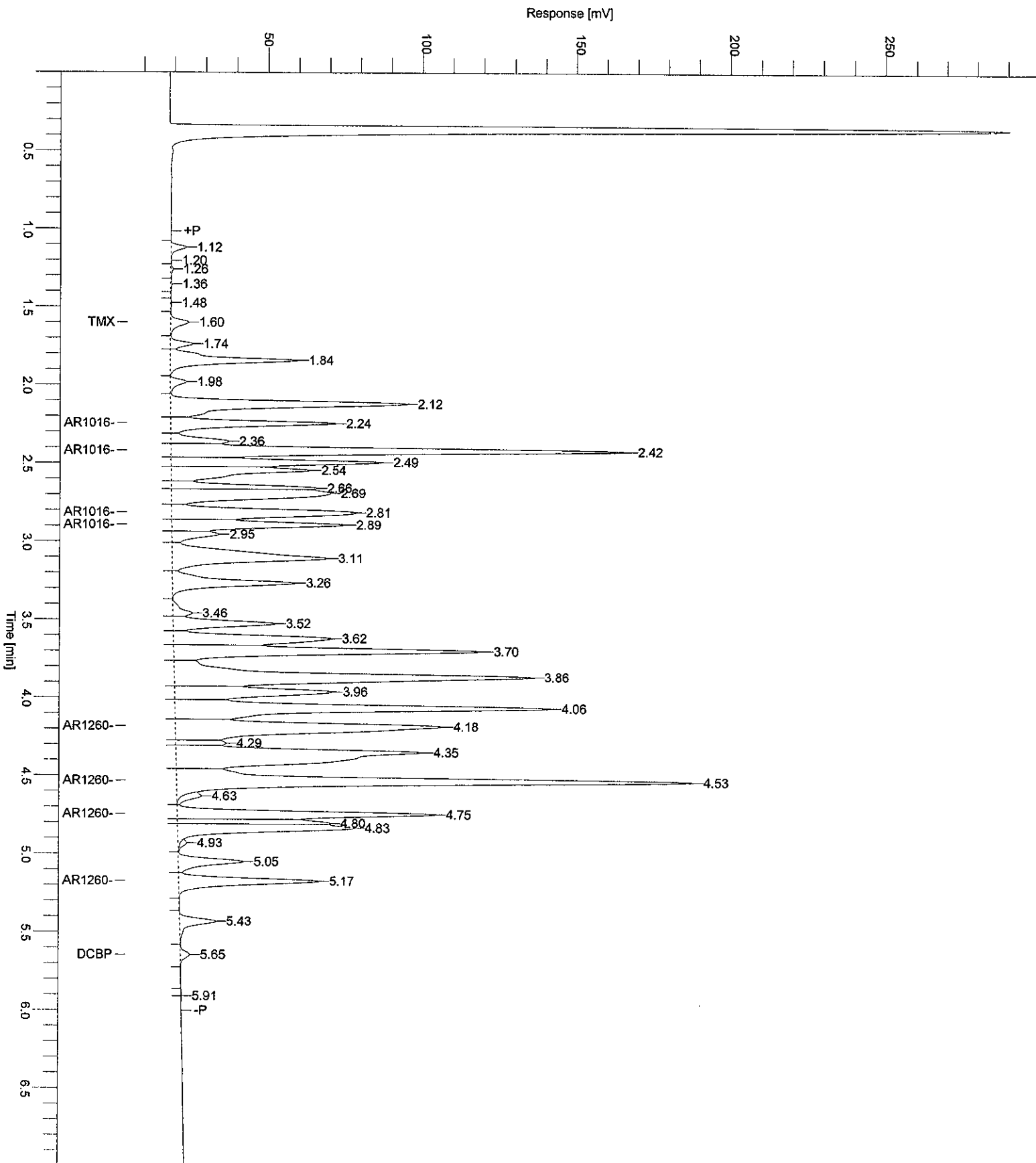
Low Point : 4.61 mV

High Point : 290.36 mV

Scale Factor: 1.0

Plot Offset: 4.61 mV

Plot Scale: 285.7 mV



```

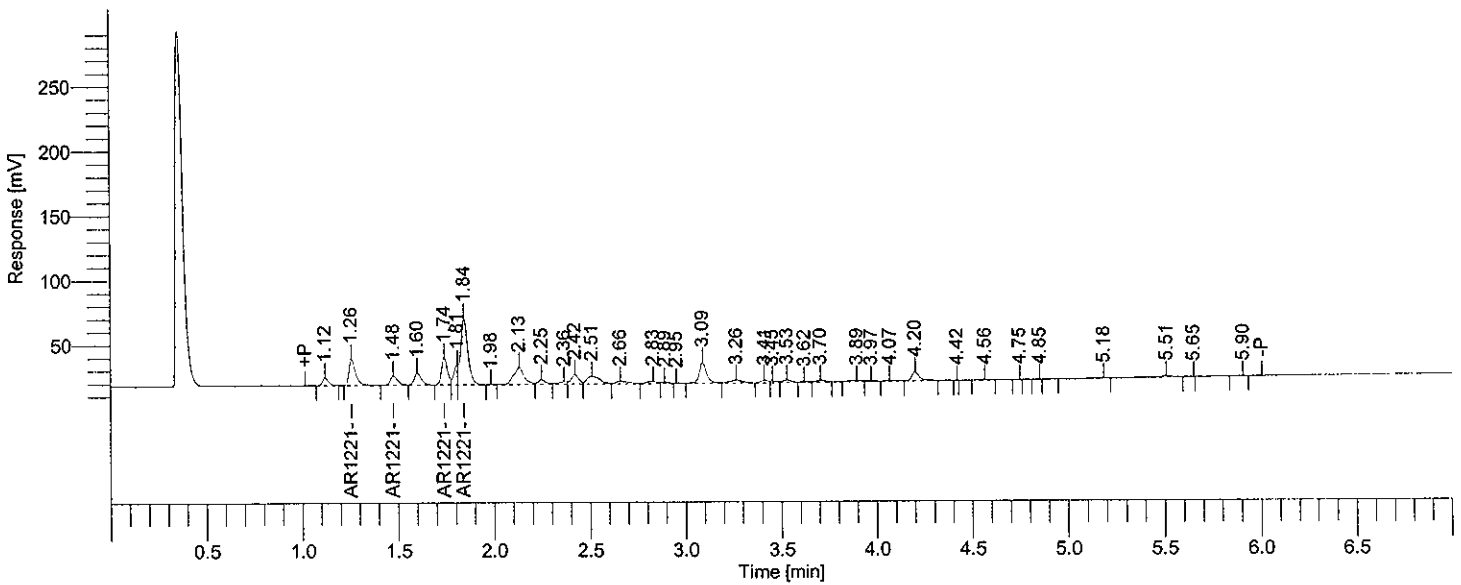
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 186070
Operator          : tchrom
Sample Number     : 0.5NG
AutoSampler      : NONE
Instrument Name   : HP5890-12
Interface Serial # : 4118271166
Delay Time       : 0.00 min
Sampling Rate    : 25.0000 pts/s
Sample Volume    : 1.000000 uL
Sample Amount    : 1.0000
Data Acquisition Time : 03/14/2008 11:24:10

Date              : 03/29/2008 10:38:09
Sample Name      : ICM21WA
Study           : ICAL
Rack/Vial       : 0/0
Channel        : A
A/D mV Range   : 1000
End Time       : 7.00 min

Area Reject    : 1000.000000
Dilution Factor : 1.00
Cycle         : 1
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21011.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21011.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21011.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21011.rst
Calib Method : h:\turbo6\5890-12\12a-21(03-14-08).mth from H:\TURBO6\5890-12\12a21011.rst
Report Format File : h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	1.84		248992	AR1221	0.50000	0.12500	4
			248992			0.12500	

Processed by: GD 4/1/08
 Reviewed by: AM 4/11/08

03/29/2008 10:38:09 Result: H:\TURBO6\5890-12\12a21011.rst

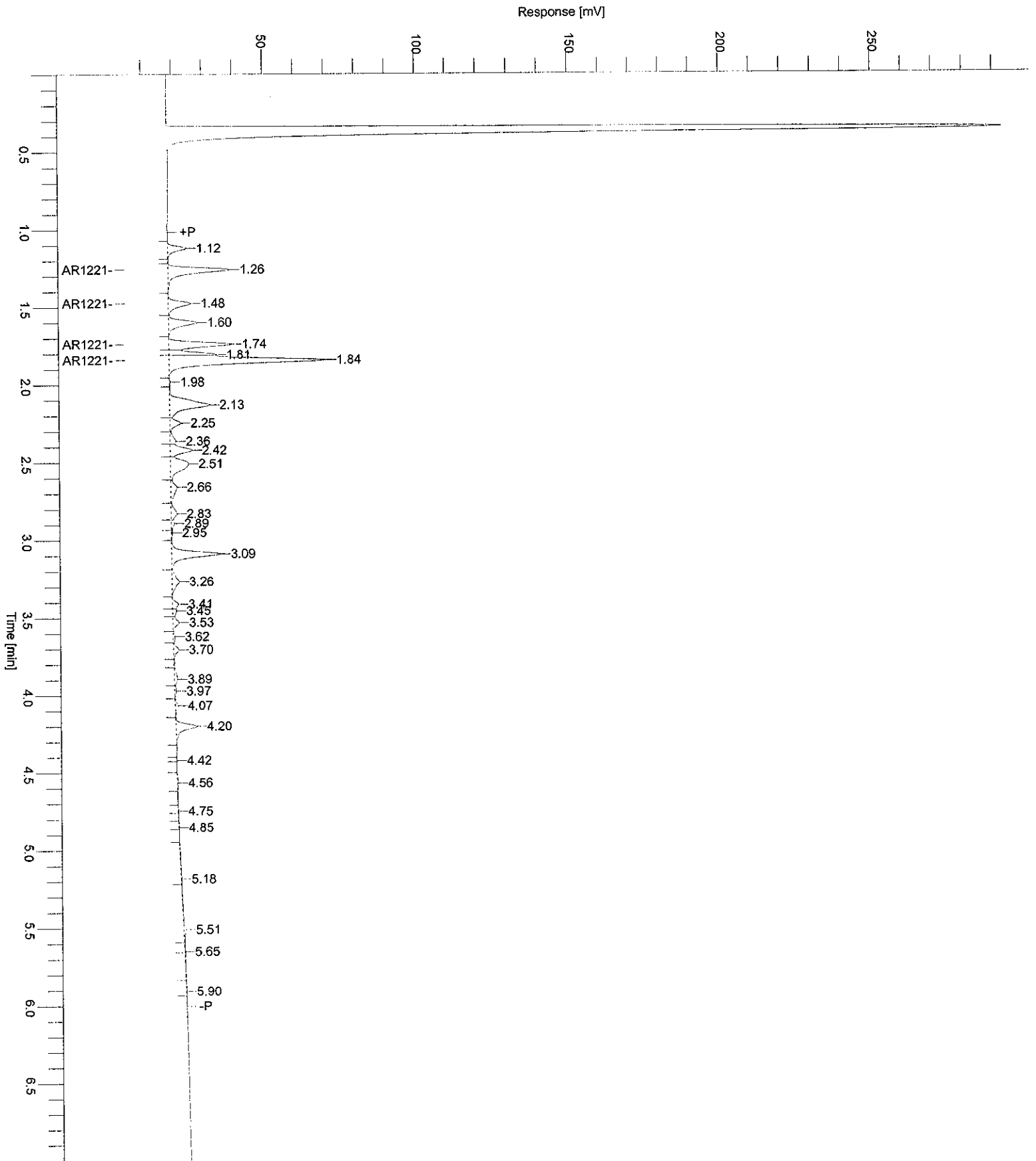
Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
2	1.26	VV	50336	AR1221-A	0.50000	0.12500	4
3	1.48	VV	19050	AR1221-B	0.50000	0.12500	4
5	1.74	VV	45193	AR1221-C	0.50000	0.12500	4
7	1.84	VB	134413	AR1221-D	0.50000	0.12500	4
			248992			0.50000	

Chromatogram

2553/4151

Sample Name : ICM21WA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21011.raw
Date : 03/29/2008 10:38:11 Time of Injection: 03/14/2008 11:24:10
Method : 12DINS Start Time : 0.00 min End Time : 7.00 min Low Point : 4.52 mV High Point : 293.13 mV
Scale Factor: 1.0 Plot Offset: 4.52 mV Plot Scale: 288.6 mV



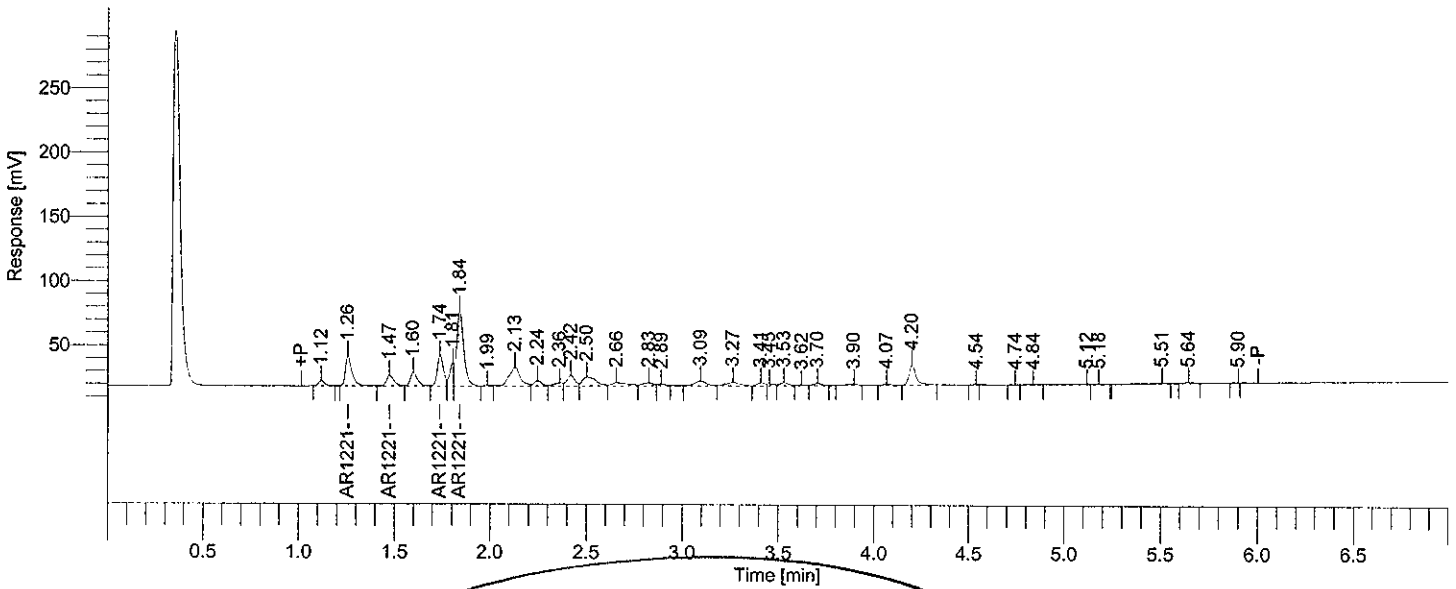
```

Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186072
Operator : tchrom
Sample Number : 0.6NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 11:38:27

Date : 03/29/2008 10:38:22
Sample Name : ACM21VA
Study : ACM
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min
Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 2
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21012.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21012.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21012.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21012.rst
Calib Method : h:\turbo6\5890-12\12a-21(03-14-08).mth from H:\TURBO6\5890-12\12a21012.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL [uV-sec]	Area	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.84	289374	289374	AR1221	0.5811	4.9798e+05	5.7875e+05	-3.2
		289374		0.5811		5.7875e+05	

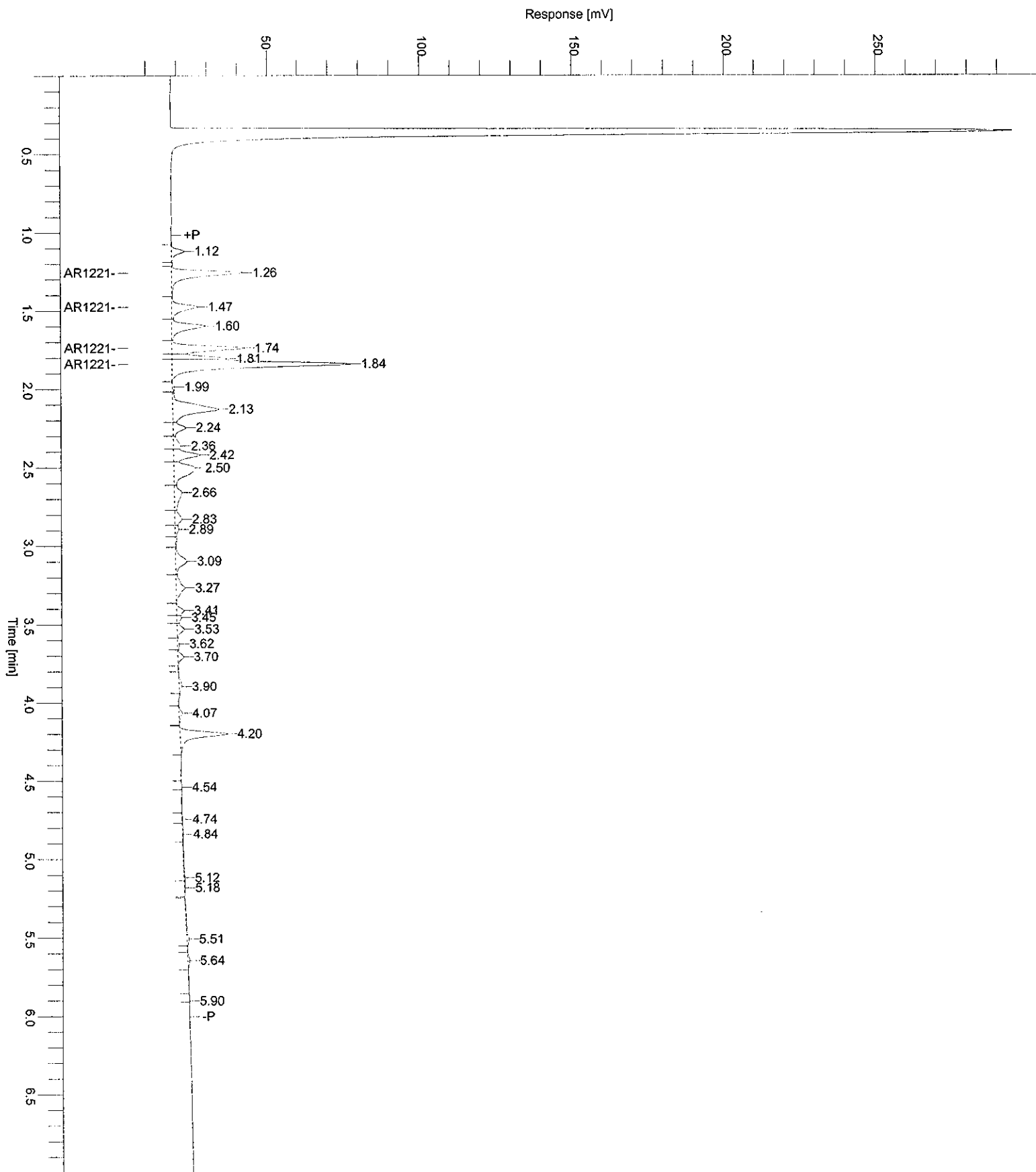
4/11/08
BTD

03/29/2008 10:38:22 Result: H:\TURBO6\5890-12\12a21012.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.26	VV	58048	AR1221-A	0.5766	1.0067e+05	1.1610e+05	-3.9
1.47	VV	23618	AR1221-B	0.6199	38099.5091	47235.3194	3.3
1.74	VV	52979	AR1221-C	0.5861	90386.1685	1.0596e+05	-2.3
1.84	VB	154730	AR1221-D	0.5756	2.6883e+05	3.0946e+05	-4.1
		289374		2.3582		5.7875e+05	

Sample Name : ACM21VA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21012.raw
Date : 03/29/2008 10:38:24
Method : 12DINS Time of Injection: 03/14/2008 11:38:27
Start Time : 0.00 min End Time : 7.00 min Low Point : 4.26 mV High Point : 294.85 mV
Scale Factor: 1.0 Plot Offset: 4.26 mV Plot Scale: 290.6 mV



```

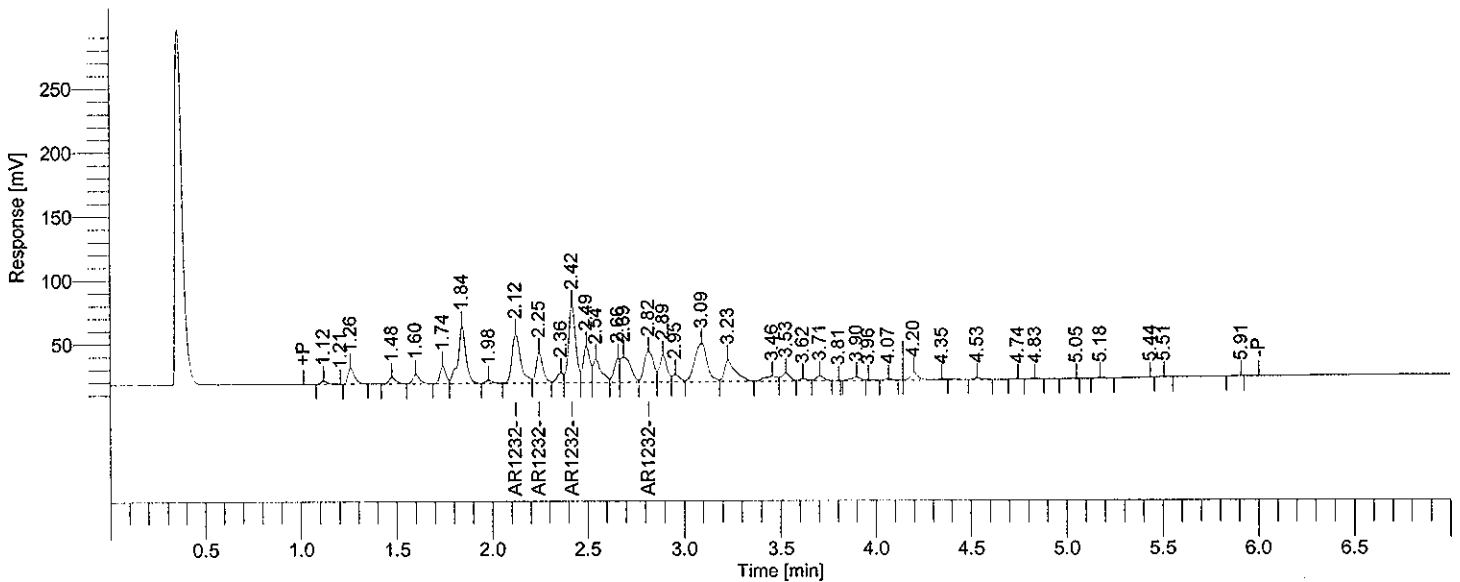
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186074
Operator : tchrom
Sample Number : 0.5NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 11:52:39

Date : 03/29/2008 10:38:34
Sample Name : ICM32LA
Study : ICAL
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 3
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21013.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21013.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21013.raw
Proc Method : h:\turbo6\5890-12\12\aproc.mth from H:\TURBO6\5890-12\12a21013.rst
Calib Method : h:\turbo6\5890-12\12a-32(03-14-08).mth from H:\TURBO6\5890-12\12a21013.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.42		421746	AR1232	0.50000	0.12500	4
			421746			0.12500	

Processed by: EM 4/1/08
 Reviewed by: RM 4/11/08

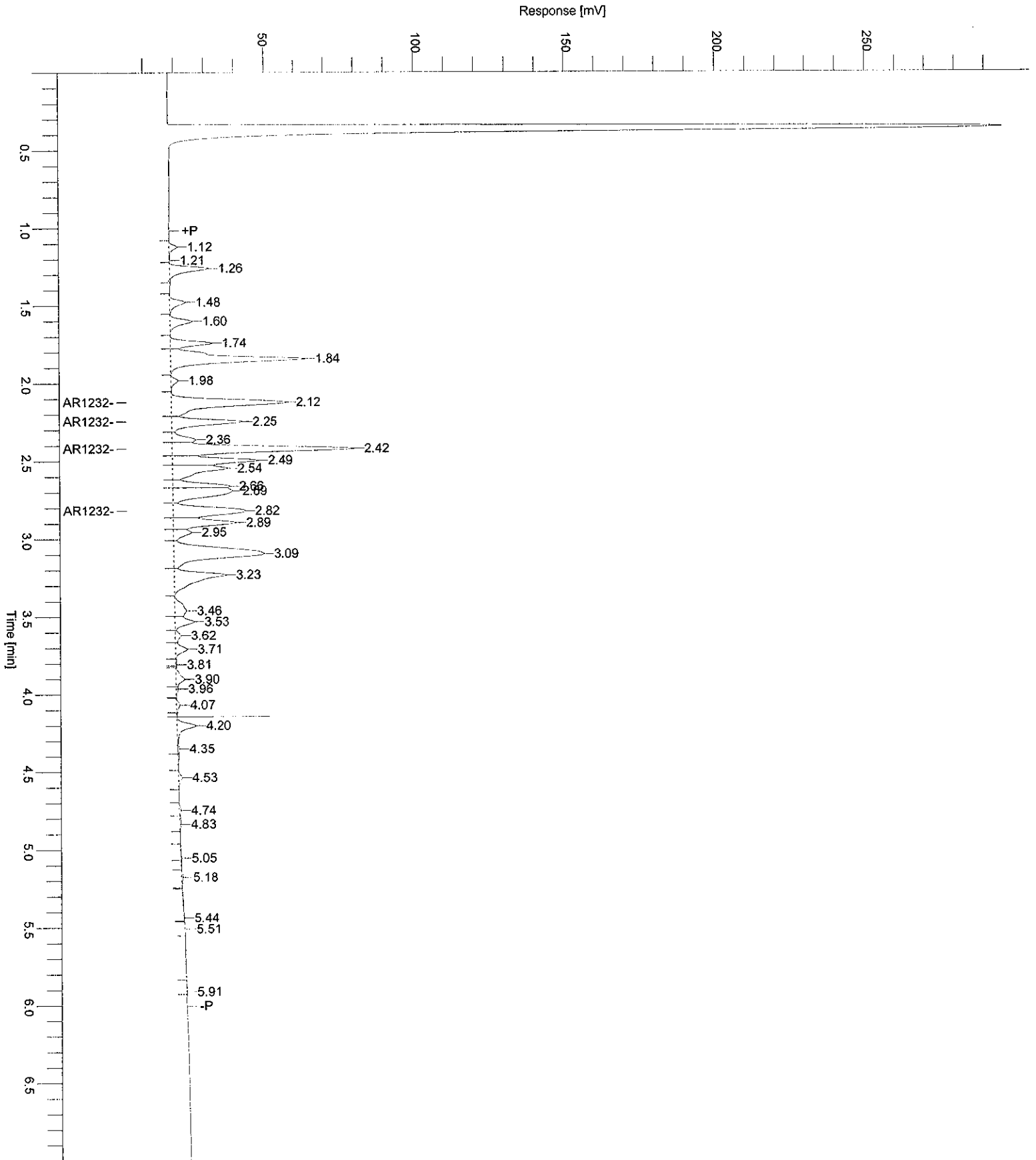
03/29/2008 10:38:34 Result: H:\TURBO6\5890-12\12a21013.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	2.12	VV	122823	AR1232-A	0.50000	0.12500	4
10	2.25	VV	59255	AR1232-B	0.50000	0.12500	4
12	2.42	VV	156885	AR1232-C	0.50000	0.12500	4
17	2.82	VV	82784	AR1232-D	0.50000	0.12500	4
			421746			0.50000	

Sample Name : ICM32LA
FileName : H:\TURBO6\5890-12\12a21013.raw
Date : 03/29/2008 10:38:36
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: 0.5NG
Page 1 of 1
Time of Injection: 03/14/2008 11:52:39
End Time : 7.00 min
Plot Offset: 4.26 mV
Low Point : 4.26 mV
High Point : 296.00 mV
Plot Scale: 291.7 mV



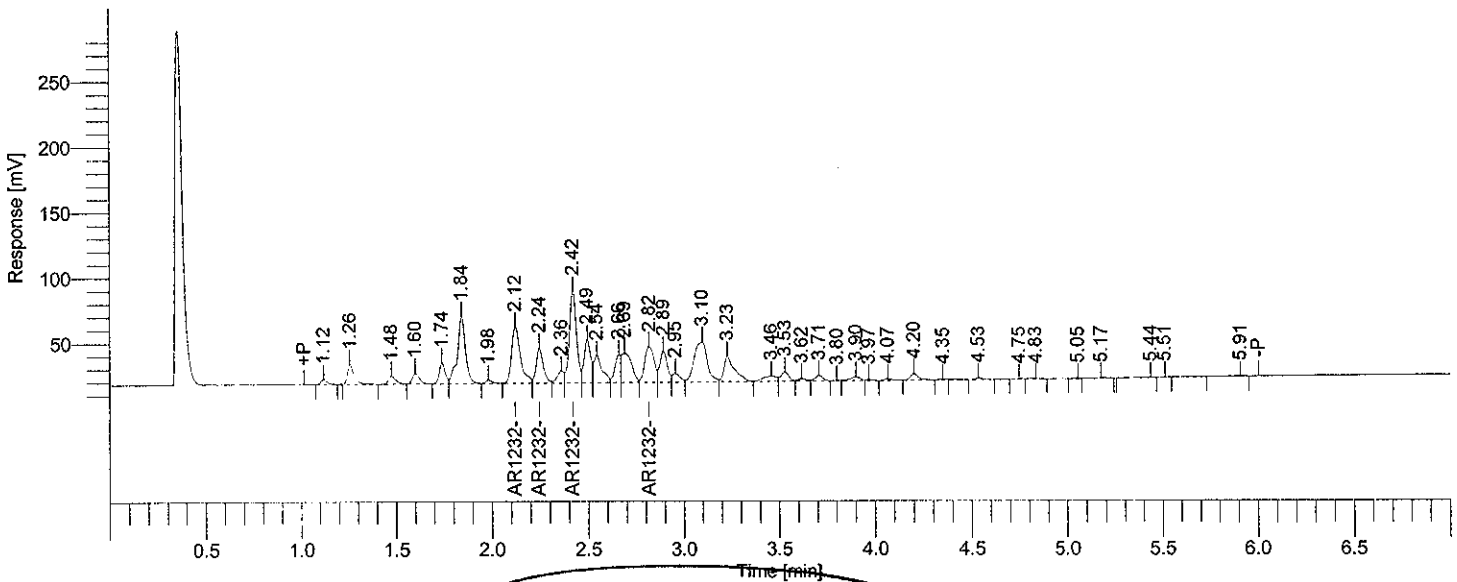
```

Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186076
Operator : tchrom
Sample Number : 0.6NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 12:06:54

Date : 03/29/2008 10:38:46
Sample Name : ACM32GA
Study : ACM
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min
Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 4
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21014.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21014.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21014.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21014.rst
Calib Method : h:\turbo6\5890-12\12a-32(03-14-08).mth from H:\TURBO6\5890-12\12a21014.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.42		481246	AR1232	0.5705	8.4349e+05	9.6249e+05	-4.9
		481246		0.5705		9.6249e+05	

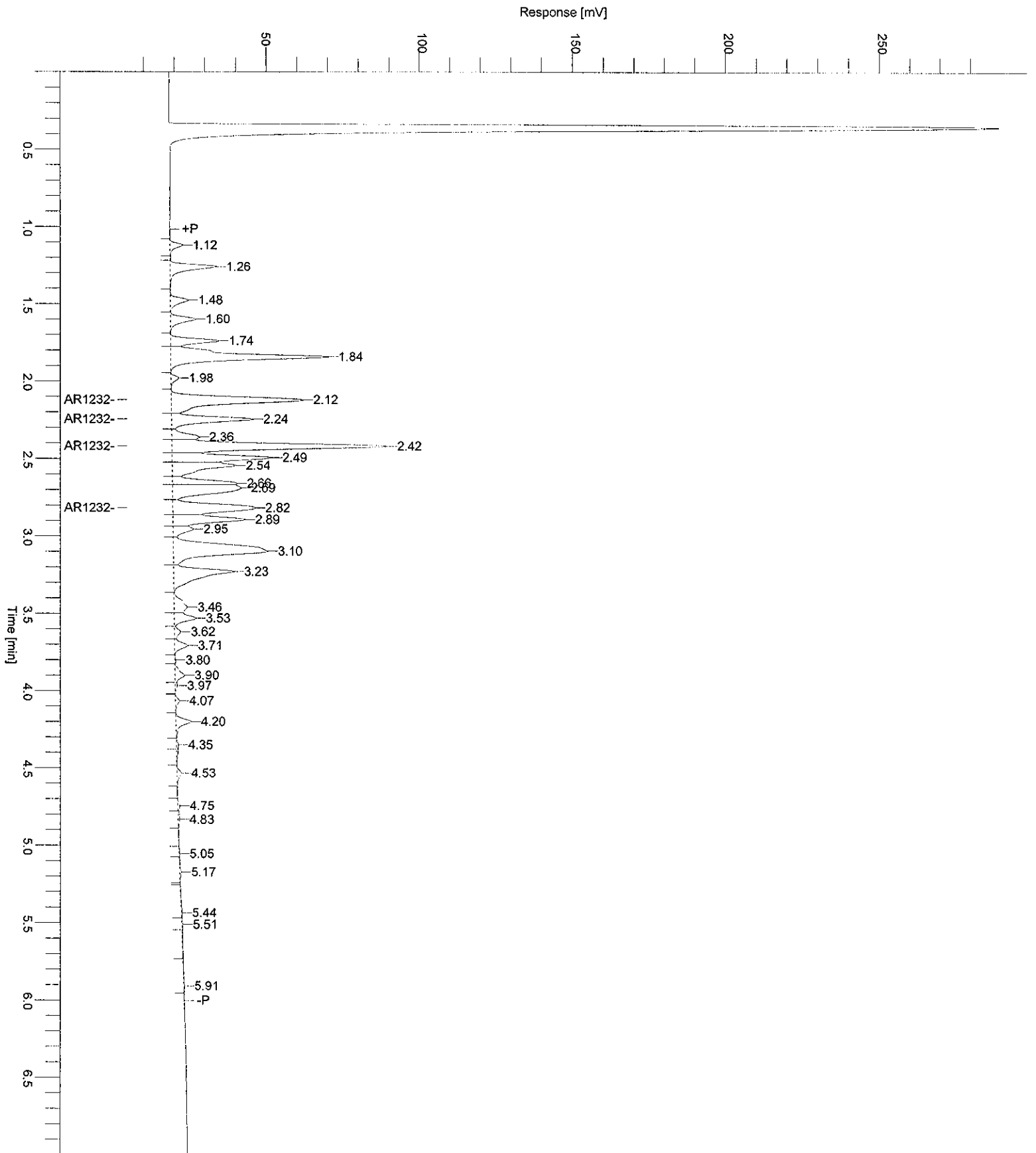
Handwritten signature/initials
4/1/08

03/29/2008 10:38:46 Result: H:\TURBO6\5890-12\12a21014.rst

Group Report For : AR1232

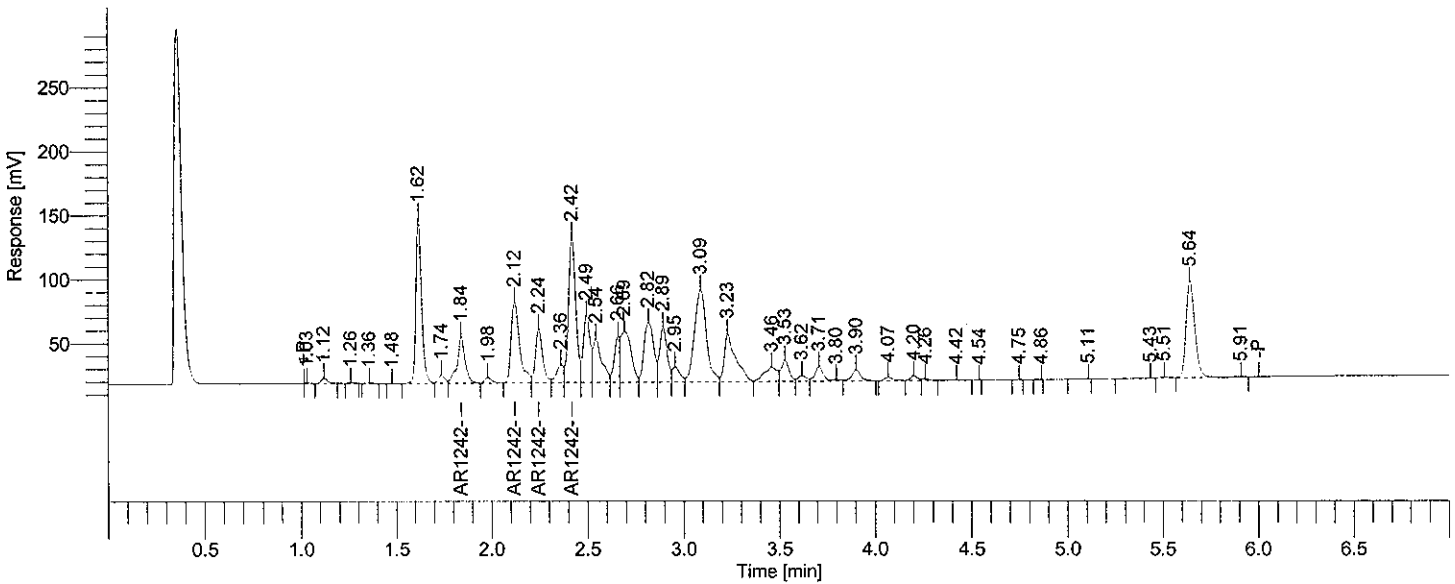
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.12	VV	138884	AR1232-A	0.5654	2.4565e+05	2.7777e+05	-5.8
2.24	VV	67535	AR1232-B	0.5699	1.1851e+05	1.3507e+05	-5.0
2.42	VV	180868	AR1232-C	0.5764	3.1377e+05	3.6174e+05	-3.9
2.82	VV	93958	AR1232-D	0.5675	1.6557e+05	1.8792e+05	-5.4
		481246		2.2792		9.6249e+05	

Sample Name : ACM32GA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21014.raw
Date : 03/29/2008 10:38:48
Method : 12DINS Time of Injection: 03/14/2008 12:06:54
Start Time : 0.00 min End Time : 7.00 min Low Point : 4.62 mV High Point : 289.52 mV
Scale Factor: 1.0 Plot Offset: 4.62 mV Plot Scale: 284.9 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:38:58
 Reprocess Number : buf2042: 186078
 Operator : tchrom Sample Name : ICM42XA
 Sample Number : 0.5NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : A
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 12:21:08 Cycle : 5

Raw Data File : H:\TURBO6\5890-12\12a21015.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a21015.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21015.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21015.rst
 Calib Method : h:\turbo6\5890-12\12a-42(03-14-08).mth from H:\TURBO6\5890-12\12a21015.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (4 peaks)	# PEAKS USED
	2.42		701373	AR1242	0.50000	0.12500	4
			701373			0.12500	

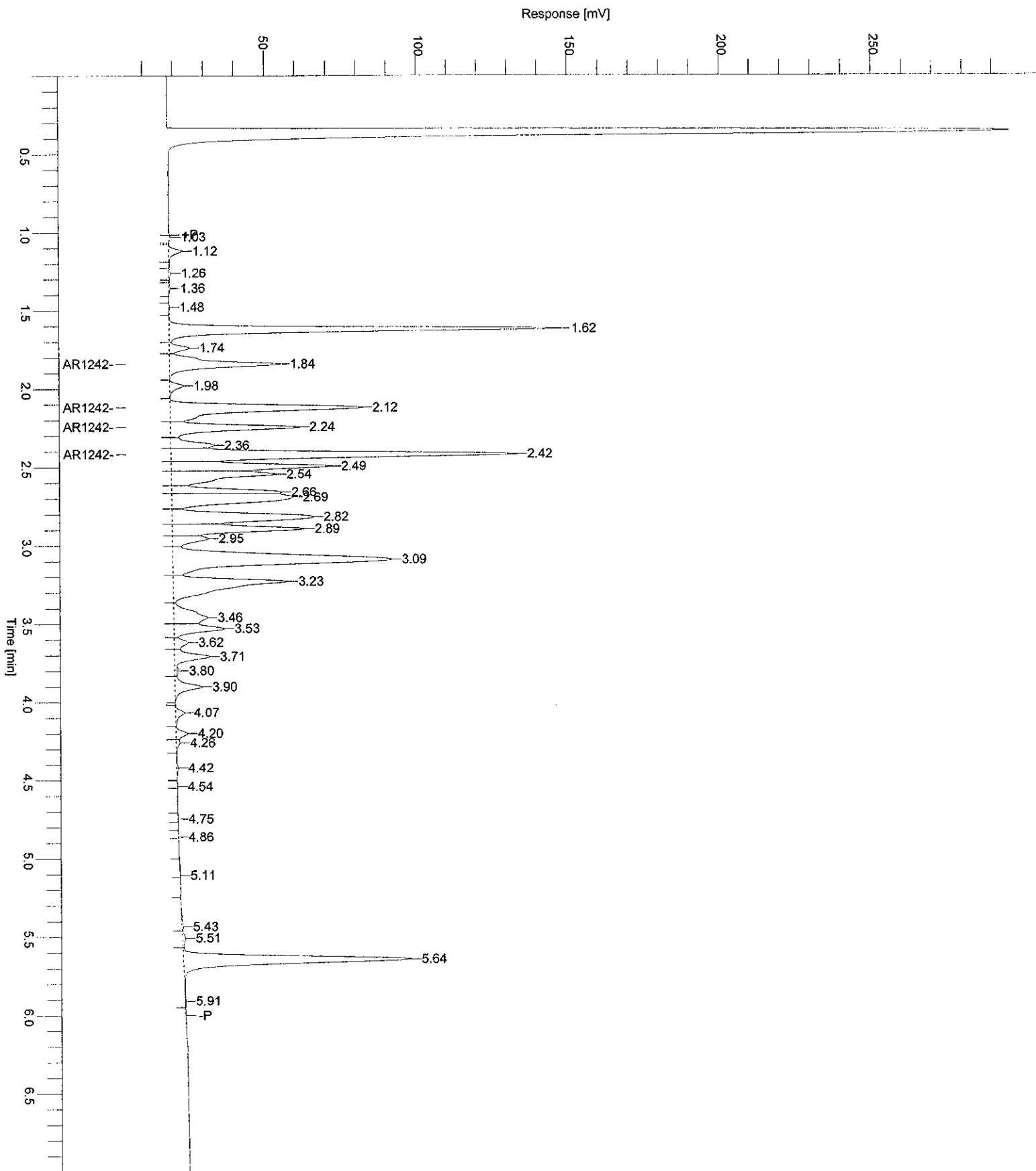
Processed by: *[Signature]* 4/1/08
 Reviewed by: *[Signature]* 4/11/08

03/29/2008 10:38:58 Result: H:\TURBO6\5890-12\12a21015.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	1.84	VB	104254	AR1242-A	0.50000	0.12500	4
10	2.12	VV	194841	AR1242-B	0.50000	0.12500	4
11	2.24	VV	106758	AR1242-C	0.50000	0.12500	4
13	2.42	VV	295521	AR1242-D	0.50000	0.12500	4
			701373			0.50000	

Sample Name : ICM42XA
File Name : H:\TURBO6\5890-12\12a21015.raw
Date : 03/29/2008 10:39:00
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0
Sample #: 0.5NG
Page 1 of 1
Time of Injection: 03/14/2008 12:21:08
End Time : 7.00 min
Plot Offset: 4.23 mV
Low Point : 4.23 mV
High Point : 295.76 mV
Plot Scale: 291.5 mV



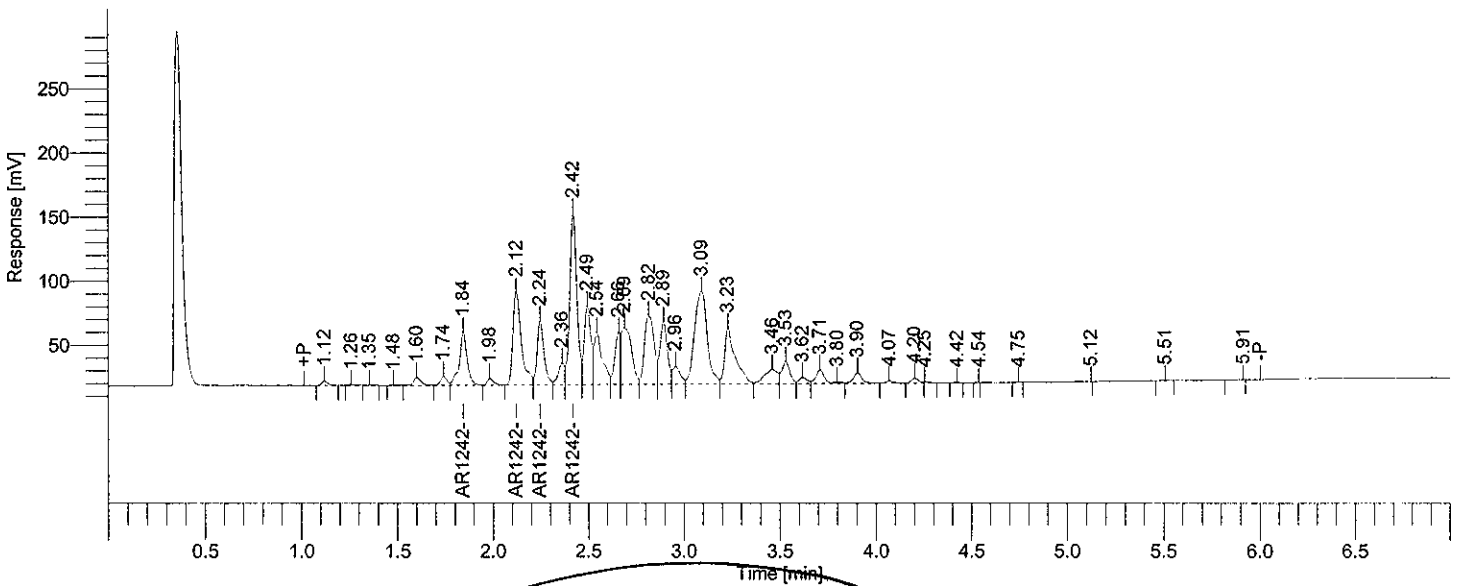
```

Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186080
Operator : tchrom
Sample Number : 0.6NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 12:35:25

Date : 03/29/2008 10:39:10
Sample Name : ACM42TA
Study : ACM
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min
Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 6
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21016.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21016.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21016.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21016.rst
Calib Method : h:\turbo6\5890-12\12a-42(03-14-08).mth from H:\TURBO6\5890-12\12a21016.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.42		819168	AR1242	0.5840	1.4027e+06	1.6383e+06	-2.7
		819168		0.5840		1.6383e+06	

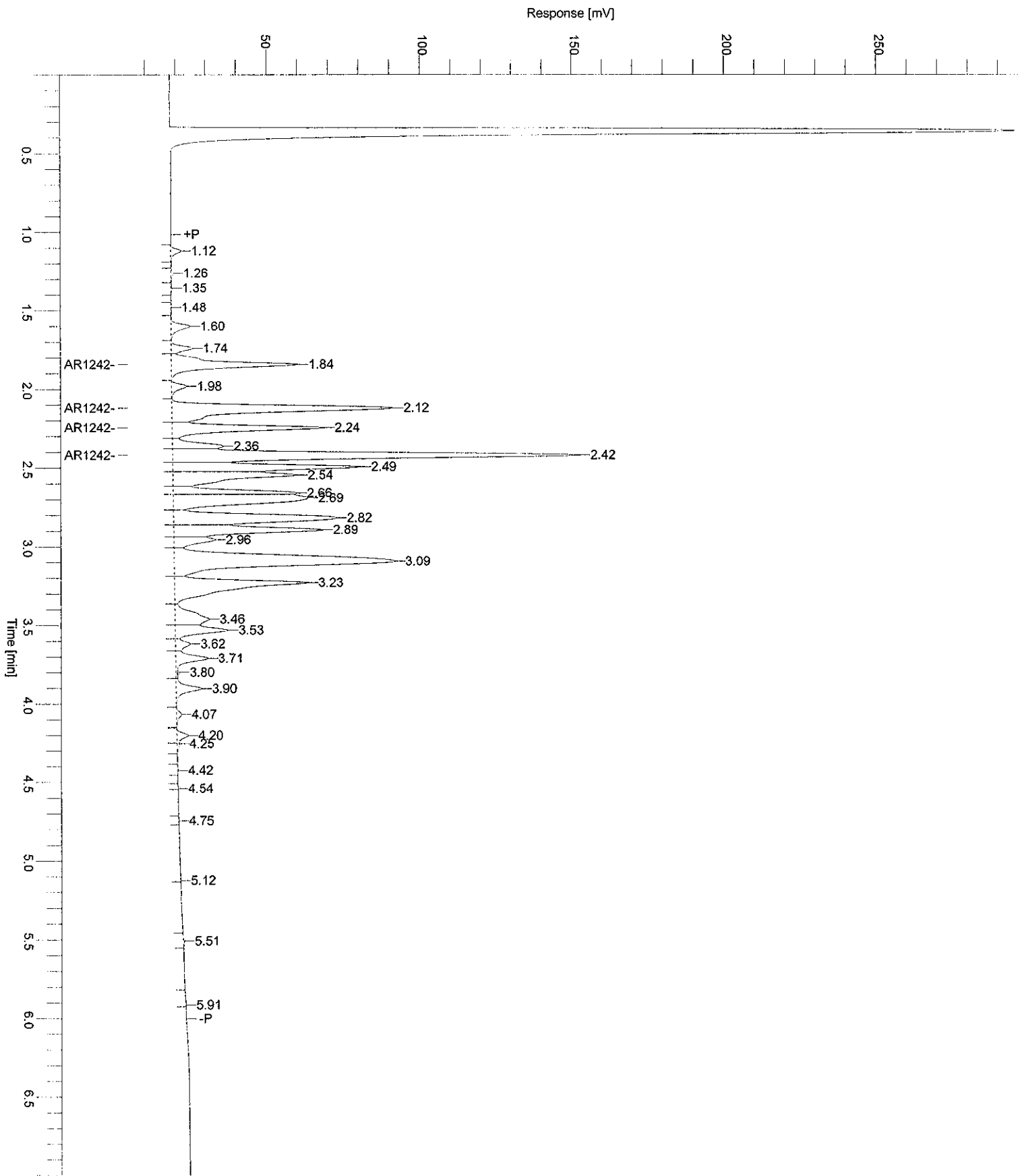
4/1/08
[Signature]

03/29/2008 10:39:10 Result: H:\TURBO6\5890-12\12a21016.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.84	VB	117949	AR1242-A	0.5657	2.0851e+05	2.3590e+05	-5.7
2.12	VV	225647	AR1242-B	0.5791	3.8968e+05	4.5129e+05	-3.5
2.24	VV	126429	AR1242-C	0.5921	2.1352e+05	2.5286e+05	-1.3
2.42	VV	349144	AR1242-D	0.5907	5.9104e+05	6.9829e+05	-1.5
		819168		2.3276		1.6383e+06	

Sample Name : ACM42TA
File Name : H:\TURBO6\5890-12\12a21016.raw
Date : 03/29/2008 10:39:11
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0
Sample #: 0.6NG
Page 1 of 1
Time of Injection: 03/14/2008 12:35:25
End Time : 7.00 min
Plot Offset: 4.27 mV
Low Point : 4.27 mV
High Point : 295.56 mV
Plot Scale: 291.3 mV




```

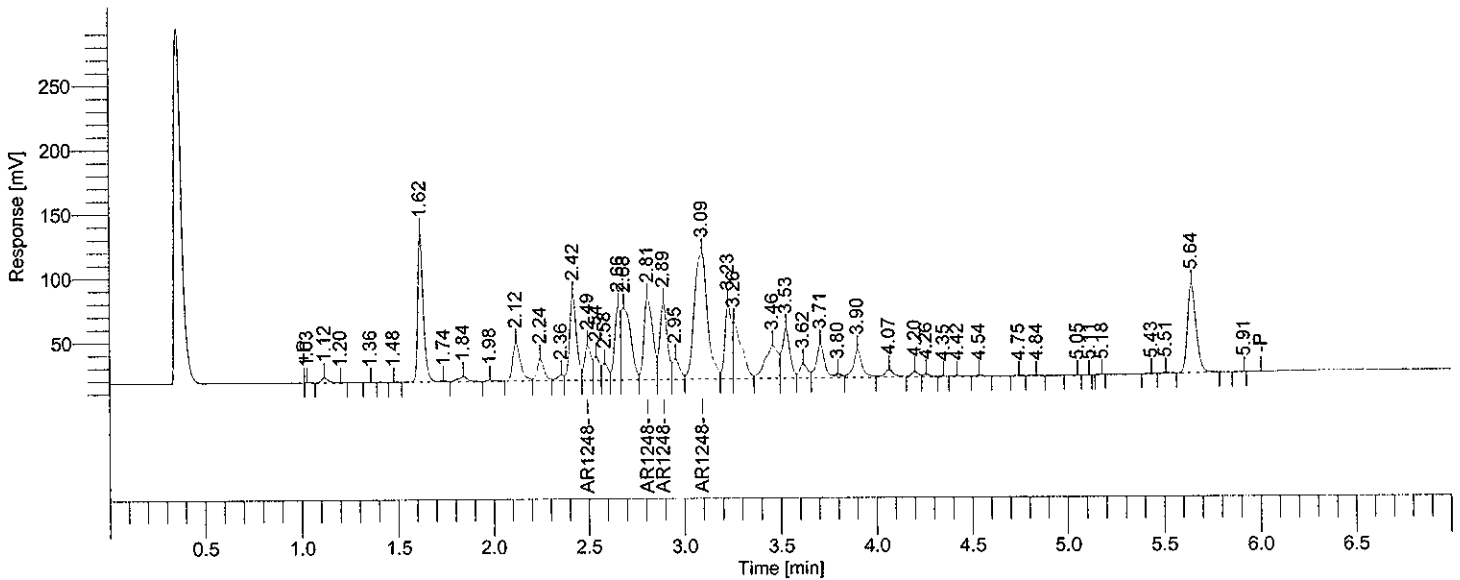
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186082
Operator : tchrom
Sample Number : 0.5NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 12:49:39

Date : 03/29/2008 10:39:21
Sample Name : ICM48WA
Study : ICAL
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 7
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21017.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21017.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21017.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21017.rst
Calib Method : h:\turbo6\5890-12\12a-48(03-14-08).mth from H:\TURBO6\5890-12\12a21017.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	3.09		901654	AR1248	0.50000	0.12500	4
			901654			0.12500	

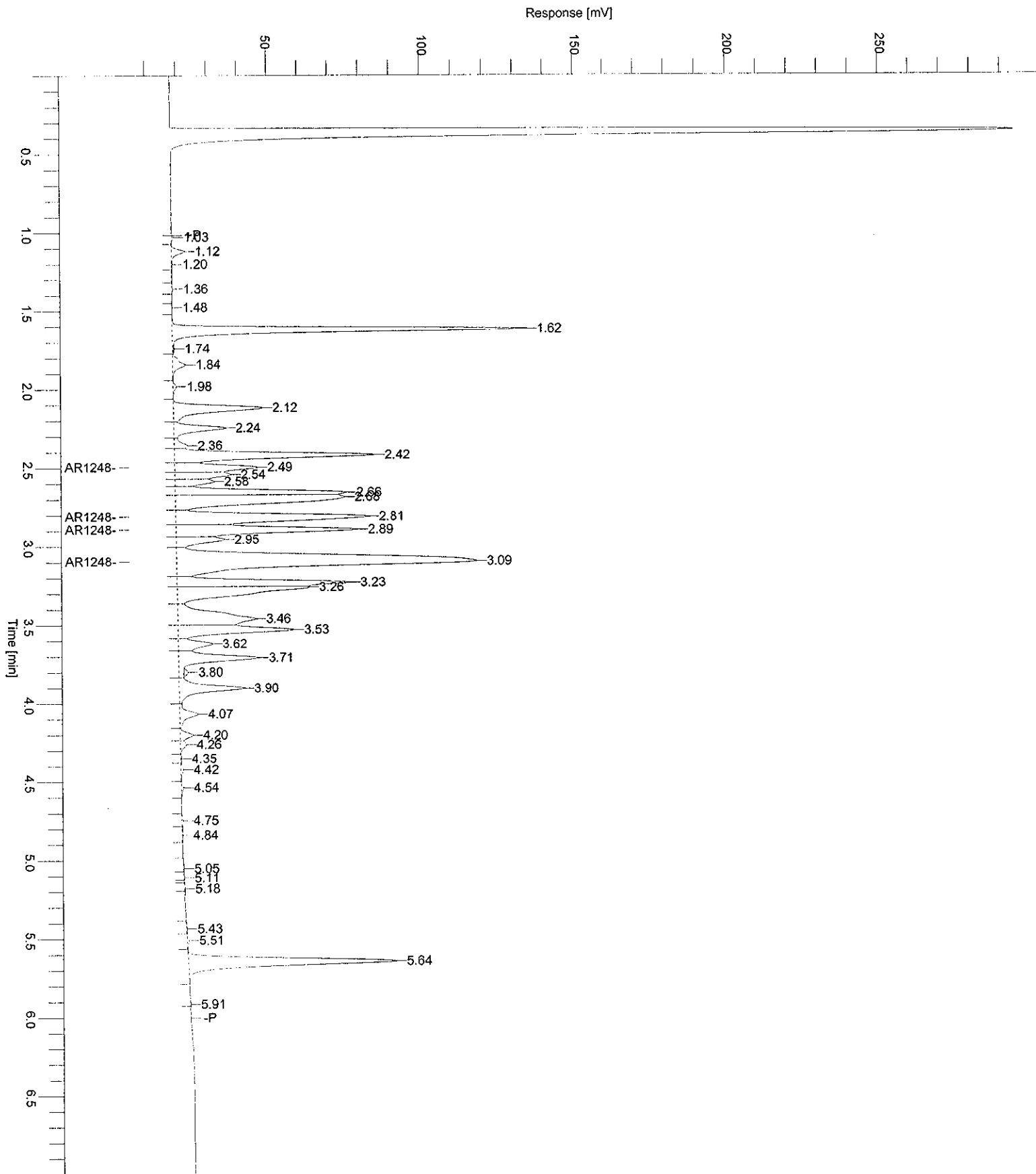
Processed by: BTD 4/1/08
 Reviewed by: DWJ 4/11/08

03/29/2008 10:39:21 Result: H:\TURBO6\5890-12\12a21017.rst

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
14	2.49	VV	70312	AR1248-A	0.50000	0.12500	4
19	2.81	VV	201669	AR1248-B	0.50000	0.12500	4
20	2.89	VV	161397	AR1248-C	0.50000	0.12500	4
22	3.09	VV	468275	AR1248-D	0.50000	0.12500	4
			901654			0.50000	

Sample Name : ICM48WA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21017.raw
Date : 03/29/2008 10:39:23
Method : 12DINS Time of Injection: 03/14/2008 12:49:39
Start Time : 0.00 min End Time : 7.00 min Low Point : 4.39 mV High Point : 294.51 mV
Scale Factor: 1.0 Plot Offset: 4.39 mV Plot Scale: 290.1 mV



```

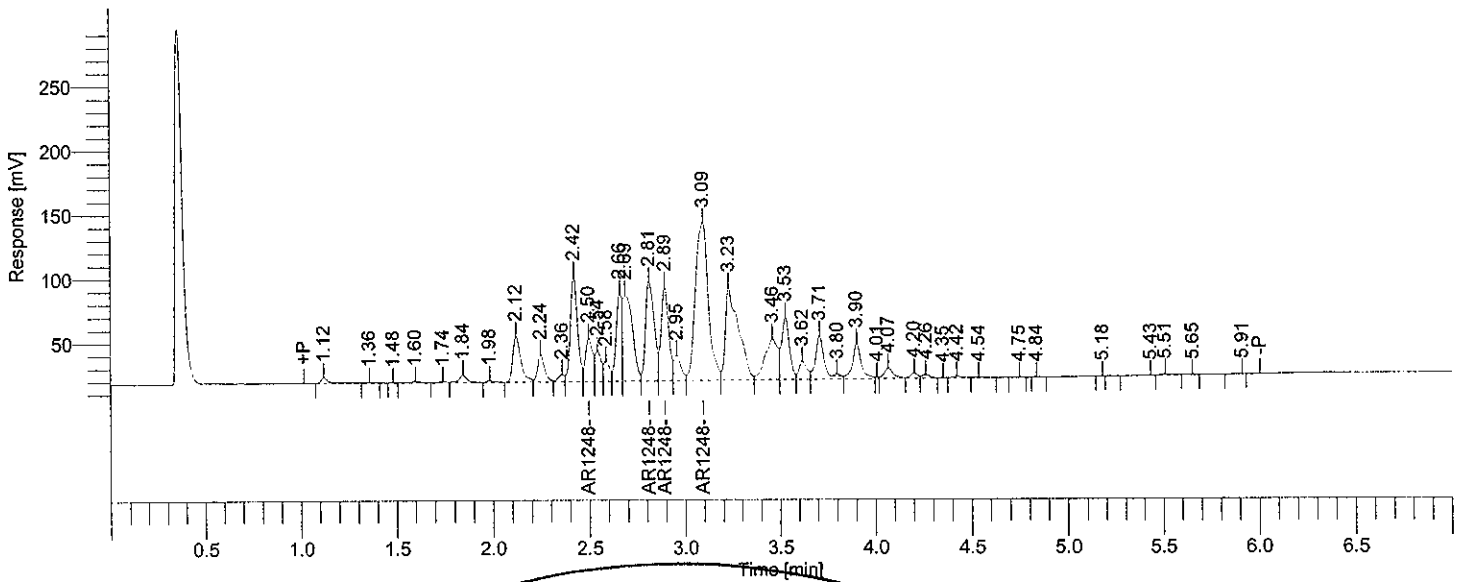
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186084
Operator : tchrom
Sample Number : 0.6NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 13:03:54

Date : 03/29/2008 10:39:32
Sample Name : ACM48RA
Study : ACM
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 8
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21018.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21018.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21018.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21018.rst
Calib Method : h:\turbo6\5890-12\12a-48(03-14-08).mth from H:\TURBO6\5890-12\12a21018.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.09		1115361	AR1248	0.6185	1.8033e+06	2.2307e+06	3.1
		1115361		0.6185		2.2307e+06	

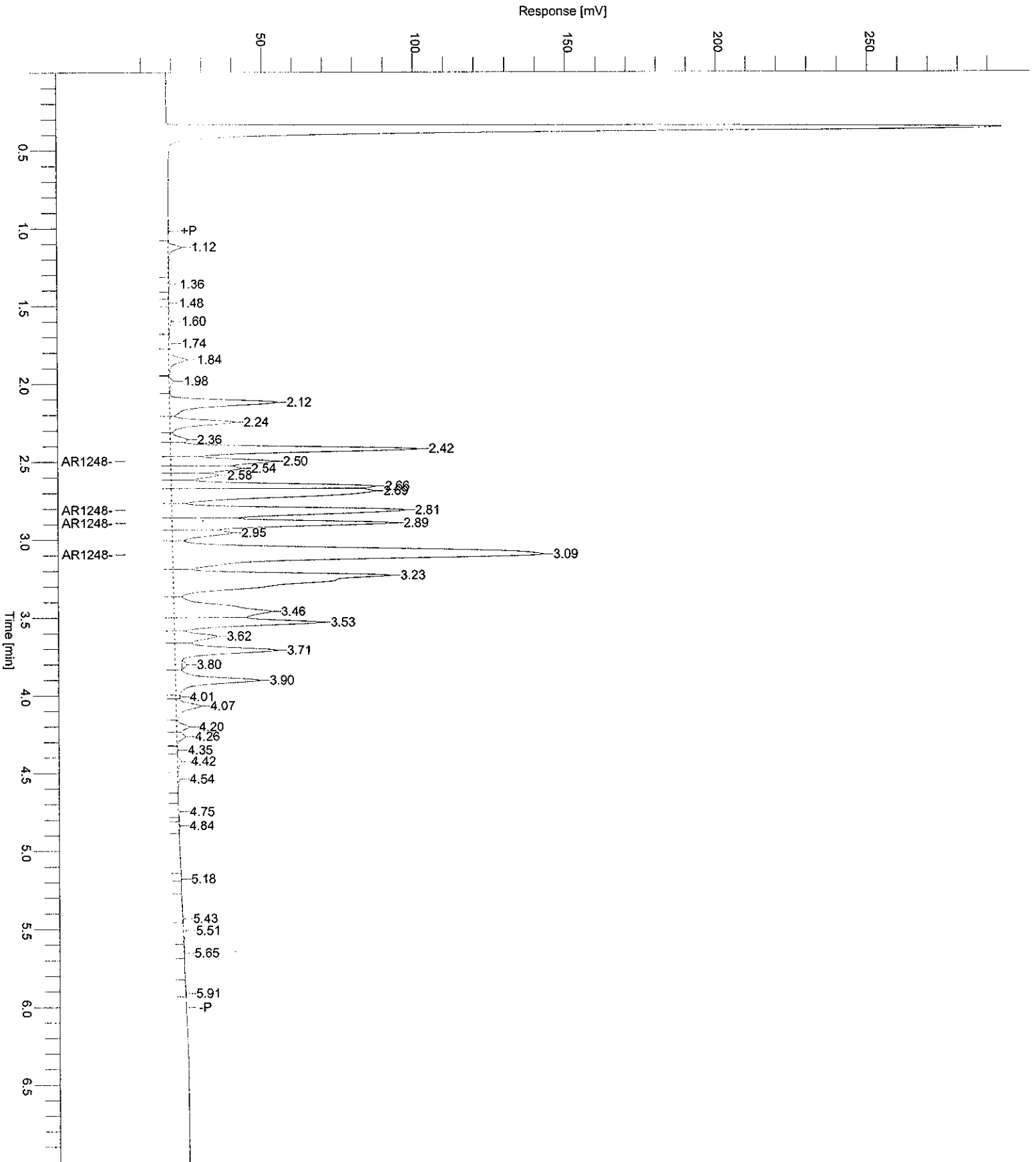
Handwritten signature/initials

03/29/2008 10:39:32 Result: H:\TURBO6\5890-12\12a21018.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.50	VV	87784	AR1248-A	0.6242	1.4062e+05	1.7557e+05	4.0
2.81	VV	246686	AR1248-B	0.6116	4.0334e+05	4.9337e+05	1.9
2.89	VV	198654	AR1248-C	0.6154	3.2279e+05	3.9731e+05	2.6
3.09	VV	582237	AR1248-D	0.6217	9.3655e+05	1.1645e+06	3.6
		1115361		2.4730		2.2307e+06	

Sample Name : ACM48RA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21018.raw
Date : 03/29/2008 10:39:34
Method : 12DINS Time of Injection: 03/14/2008 13:03:54
Start Time : 0.00 min End Time : 7.00 min Low Point : 4.35 mV High Point : 294.73 mV
Scale Factor: 1.0 Plot Offset: 4.35 mV Plot Scale: 290.4 mV



```

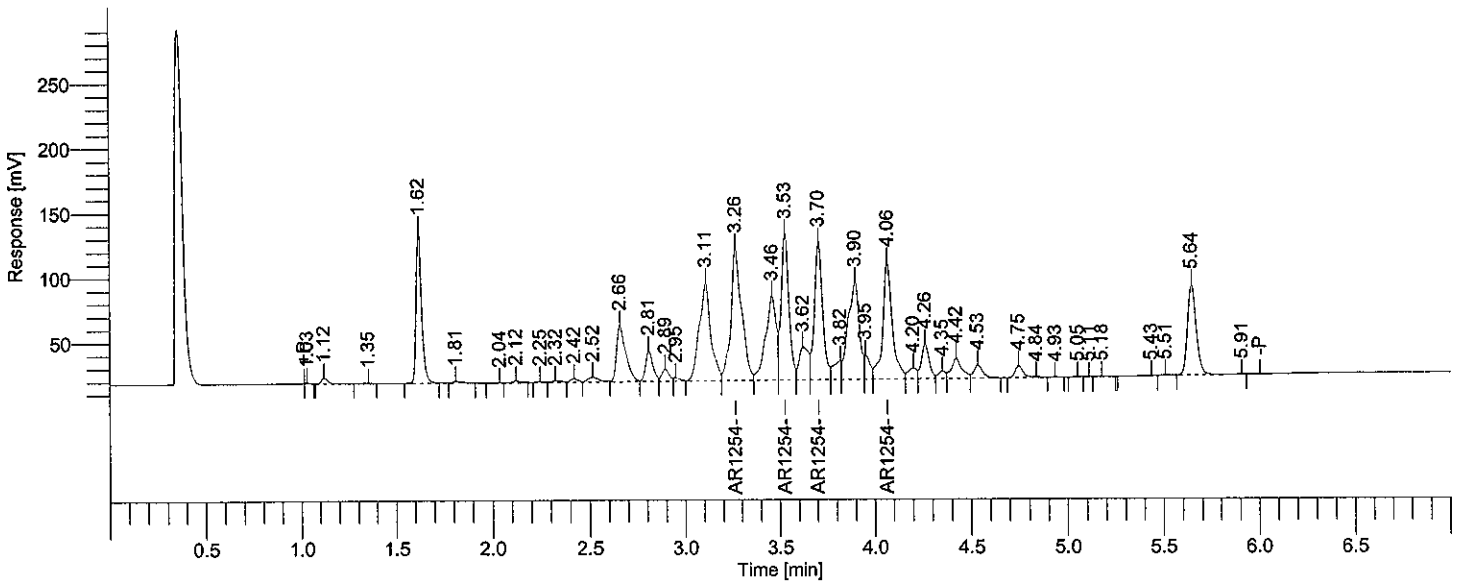
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186536
Operator : tchrom
Sample Number : 0.5NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 13:18:06

Date : 04/01/2008 10:45:51
Sample Name : ICM54AA
Study : ICAL
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 1
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21019.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21019.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21019.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21019.rst
Calib Method : h:\turbo6\5890-12\12a-54(03-14-08).mth from H:\TURBO6\5890-12\12a21019.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	3.53		1356387	AR1254	0.50000	0.12500	4
			1356387			0.12500	

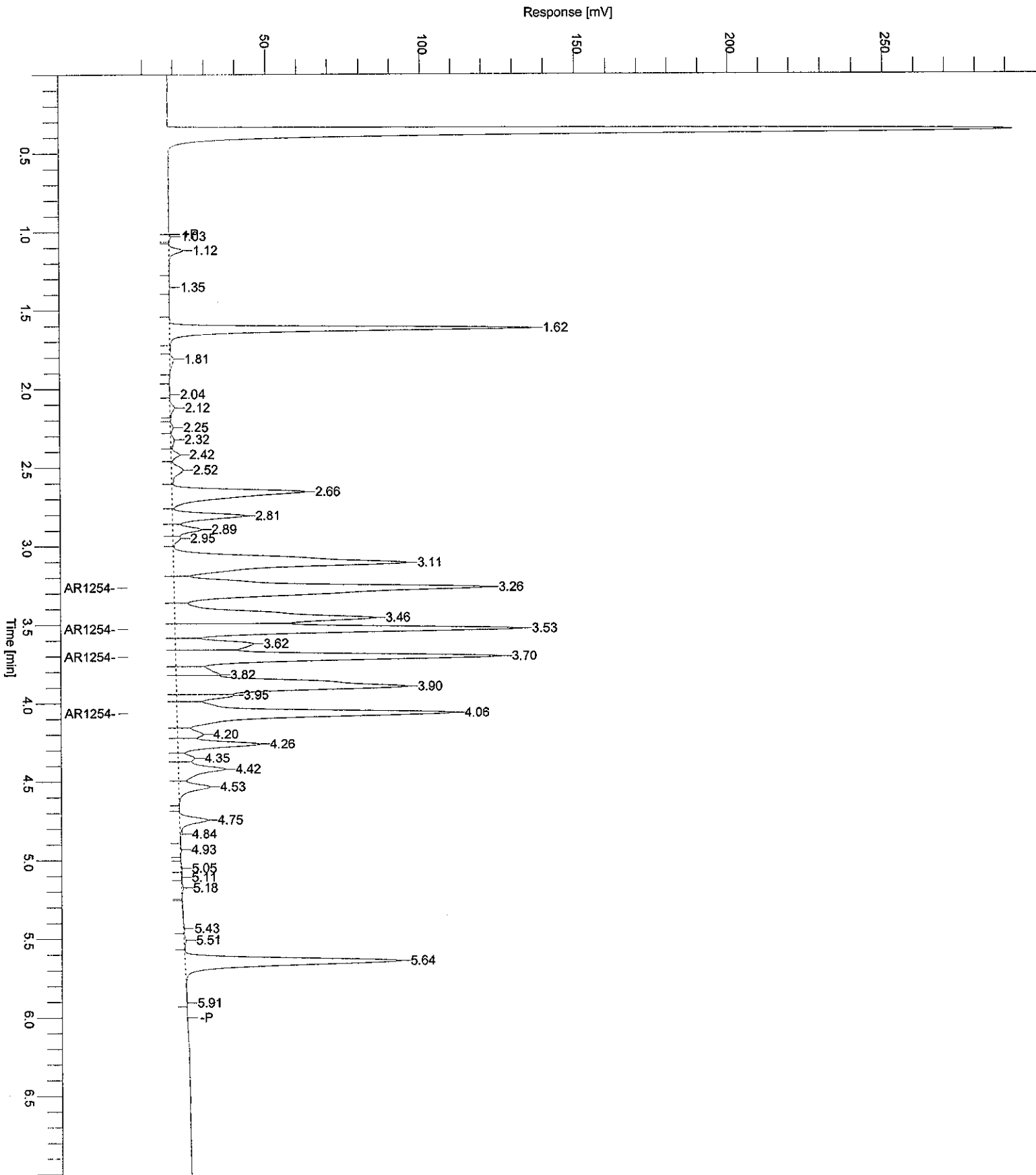
Processed by: *GM 4/1/08*
 Reviewed by: *DMY 4/1/08*

04/01/2008 10:45:51 Result: H:\TURBO6\5890-12\12a21019.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	3.26	VV	409011	AR1254-A	0.50000	0.12500	4
19	3.53	VV	318492	AR1254-B	0.50000	0.12500	4
21	3.70	VV	317037	AR1254-C	0.50000	0.12500	4
25	4.06	VV	311848	AR1254-D	0.50000	0.12500	4
			1356387			0.50000	

Sample Name : ICM54AA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21019.raw
Date : 04/01/2008 10:45:53
Method : 12DINS Time of Injection: 03/14/2008 13:18:06
Start Time : 0.00 min End Time : 7.00 min Low Point : 4.56 mV High Point : 292.18 mV
Scale Factor: 1.0 Plot Offset: 4.56 mV Plot Scale: 287.6 mV



```

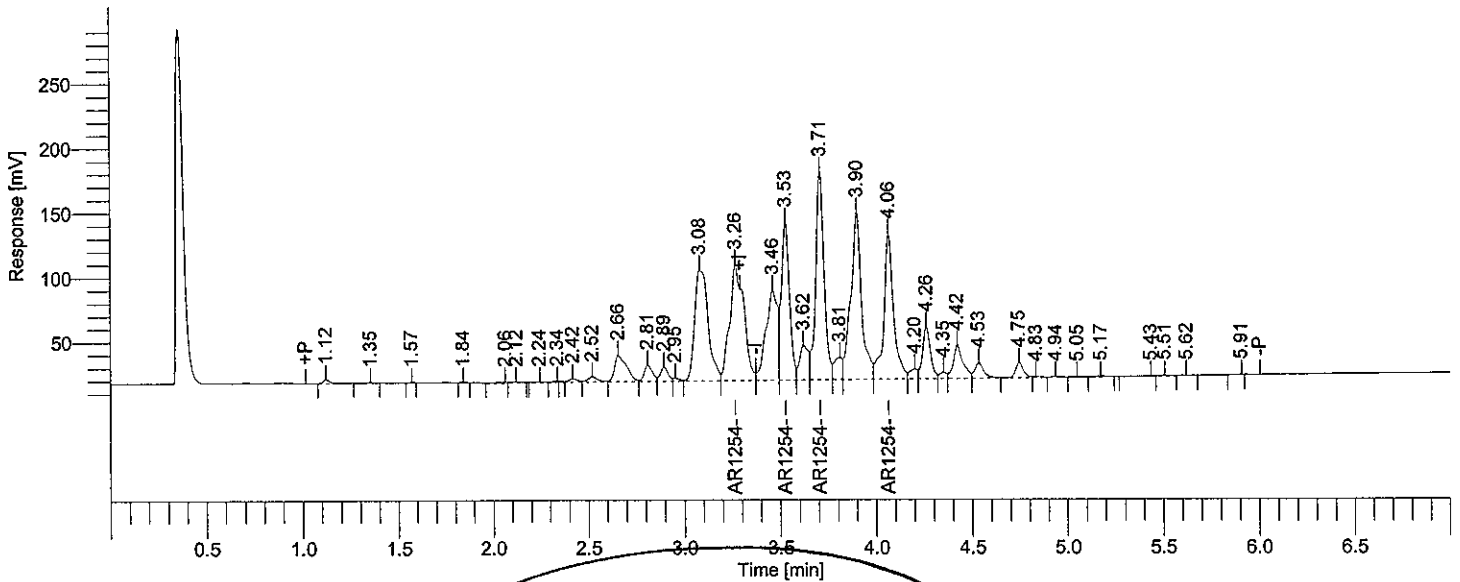
Software Version : 6.2.1.0.104:0104
Operator        : tchrom
Sample Number   : 0.6NG
AutoSampler     : NONE
Instrument Name  : HP5890-12
Interface Serial # : 4118271166
Delay Time      : 0.00 min
Sampling Rate   : 25.0000 pts/s
Sample Volume   : 1.000000 uL
Sample Amount   : 1.0000
Data Acquisition Time : 03/14/2008 13:32:23

Date           : 04/01/2008 10:48:10
Sample Name    : ACM54YA
Study         : ACM
Rack/Vial     : 0/0
Channel       : A
A/D mV Range  : 1000
End Time      : 7.00 min

Area Reject   : 8000.000000
Dilution Factor : 1.00
Cycle         : 2
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21020.raw <Modified>
Result File   : H:\TURBO6\5890-12\12a21020.rst [Editing in Progress]
Inst Method   : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21020.raw
Proc Method   : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21020.rst [Editing in Progress]
Calib Method  : h:\turbo6\5890-12\12a-54(03-14-08).mth from H:\TURBO6\5890-12\12a21020.rst [Editing in Progress]
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.71	1696250	AR1254	0.6253	2.7128e+06	3.3925e+06	4.2
	1696250		0.6253		3.3925e+06	

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04/01/2008 10:48:10 Result: H:\TURBO6\5890-12\12a21020.rst

Group Report For : AR1254

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.26	*VV	461127	AR1254-A	0.5637	8.1802e+05	9.2225e+05	-6.0
3.53	VV	358118	AR1254-B	0.5622	6.3698e+05	7.1624e+05	-6.3
3.71	VV	480511	AR1254-C	0.7578	6.3407e+05	9.6102e+05	26.3
4.06	VV	396495	AR1254-D	0.6357	6.2370e+05	7.9299e+05	6.0
		1696250		2.5195		3.3925e+06	

Sample Name : ACM54YA

Sample #: 0.6NG

Page 1 of 1

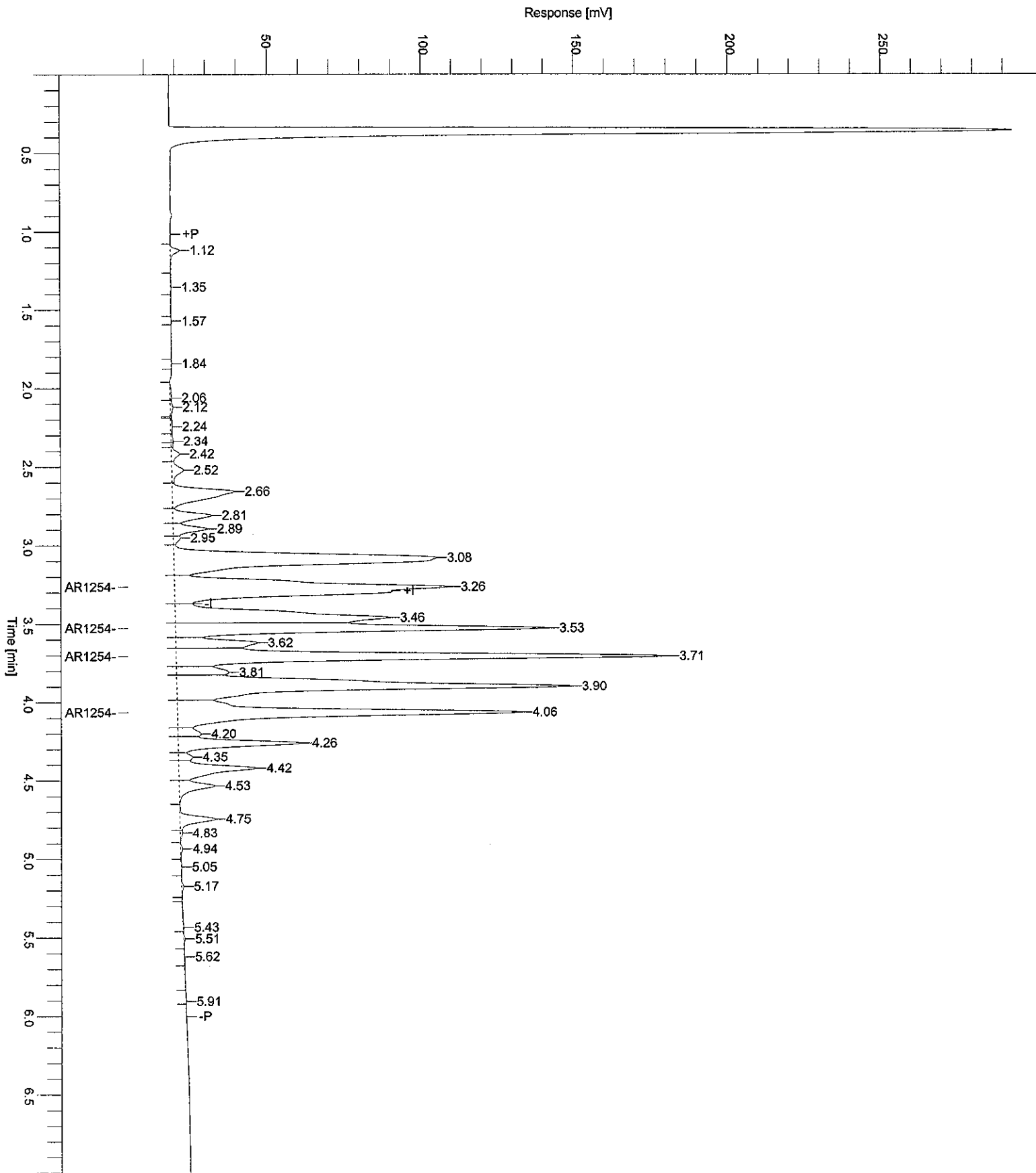
FileName : H:\TURBO6\5890-12\12a21020.raw

Date : 04/01/2008 10:46:12

Method : Time of Injection: 03/14/2008 13:32:23

Start Time : 0.00 min End Time : 7.00 min Low Point : 4.36 mV High Point : 292.97 mV

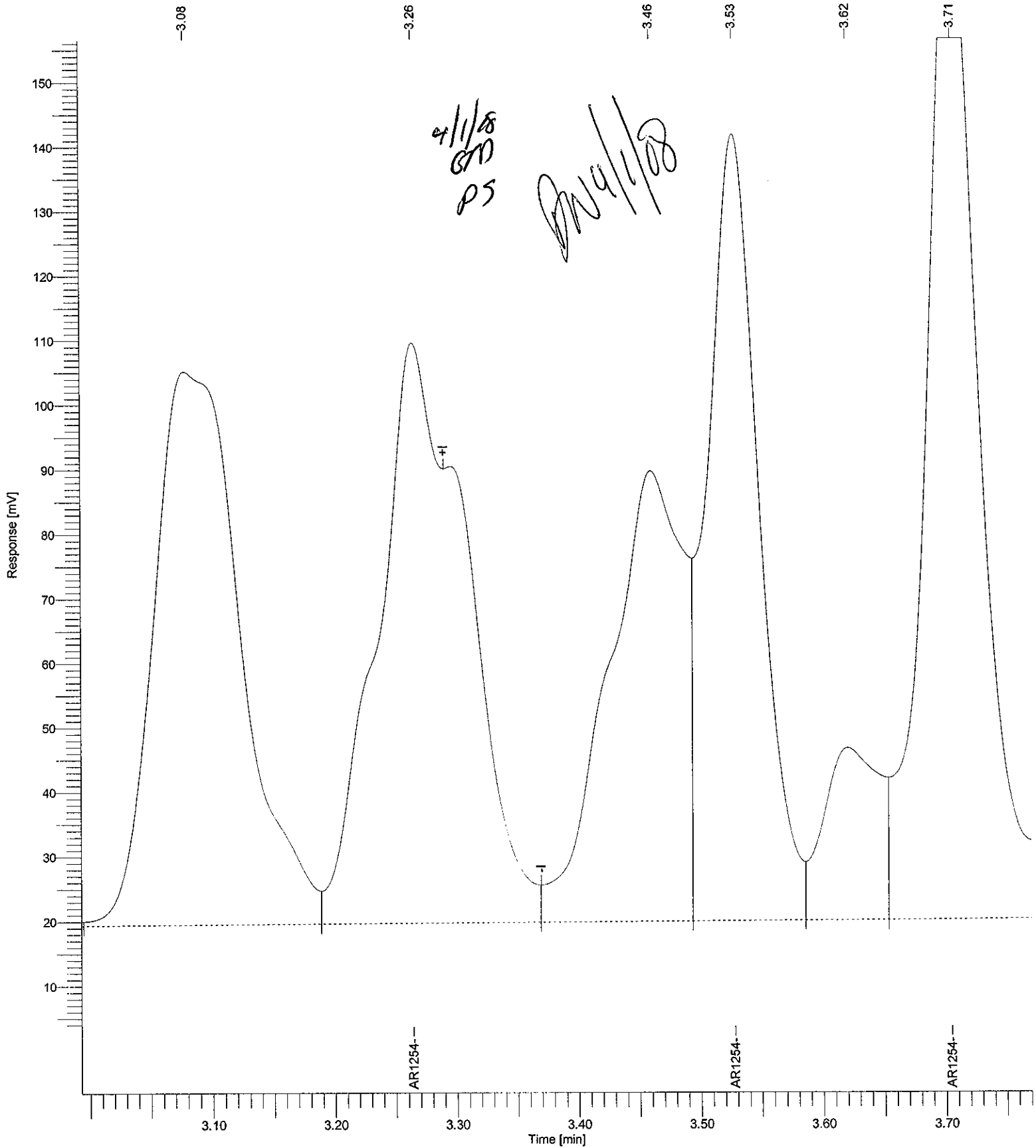
Scale Factor: 1.0 Plot Offset: 4.36 mV Plot Scale: 288.6 mV



Chromatogram

2581/4151

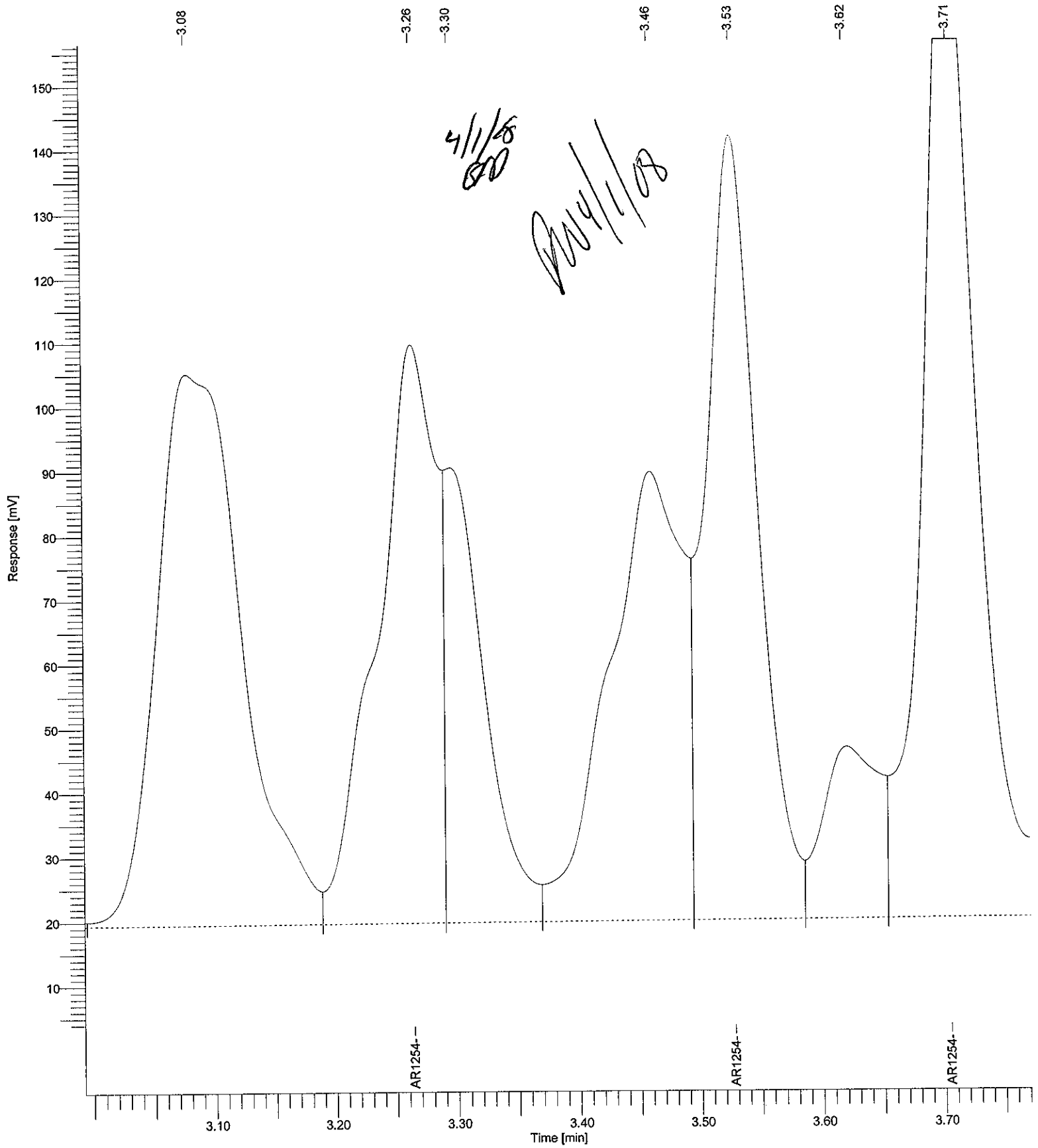
Sample Name : ACM54YA Sample # : 0.6NG Page 1 of 1
File Name : H:\TURBO6\5890-12\12a21020.raw
Date : 04/01/2008 10:48:14
Method : Time of Injection : 03/14/2008 13:32:23
Start Time : 2.99 min End Time : 3.77 min Low Point : 3.64 mV High Point : 156.50 mV
Plot Offset : 3.64 mV Plot Scale : 152.9 mV



Chromatogram

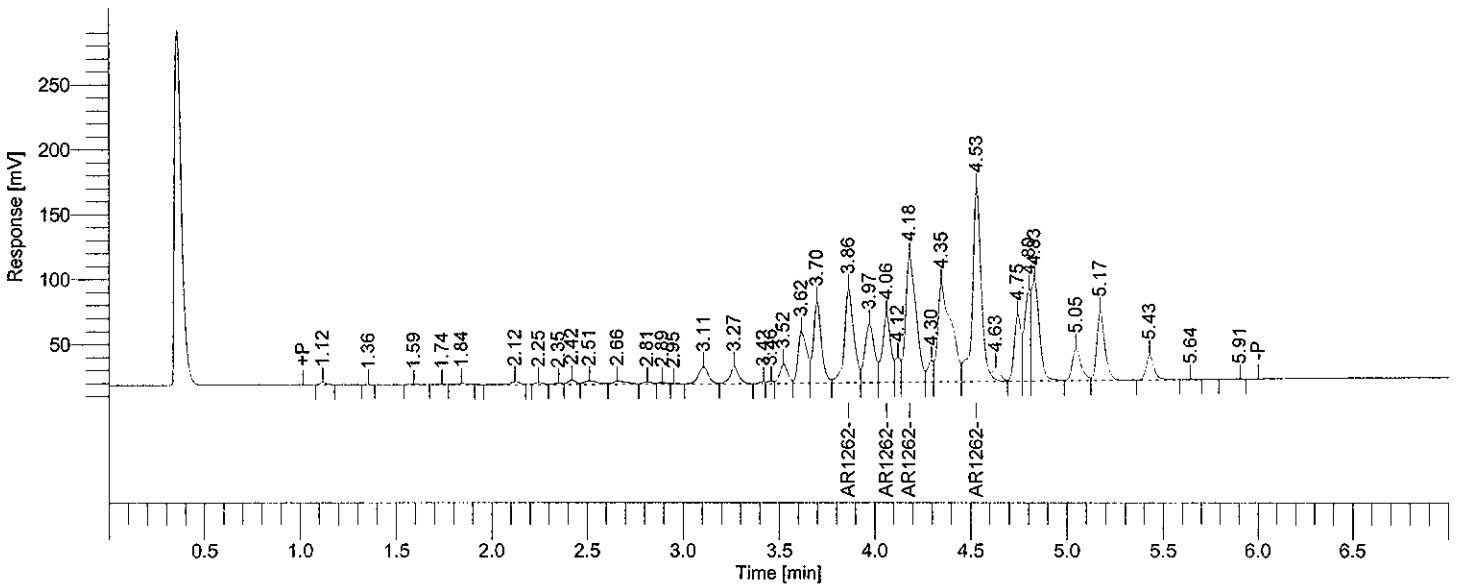
2582/4151

Sample Name : ACM54YA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO\615890-12\12a21020.raw
Date : 04/01/2008 10:47:21 Time of Injection: 03/14/2008 13:32:23
Method :
Start Time : 2.99 min End Time : 3.77 min Low Point : 3.64 mV High Point : 156.50 mV
Plot Offset: 3.64 mV Plot Scale: 152.9 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:40:03
 Reprocess Number : buf2042: 186090
 Operator : tchrom Sample Name : ICM62EA
 Sample Number : 0.5NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : A
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 13:46:37 Cycle : 11

Raw Data File : H:\TURBO6\5890-12\12a21021.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a21021.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21021.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21021.rst
 Calib Method : h:\turbo6\5890-12\12a-62(03-14-08).mth from H:\TURBO6\5890-12\12a21021.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	4.53		1264055	AR1262	0.50000	0.12500	4
			1264055			0.12500	

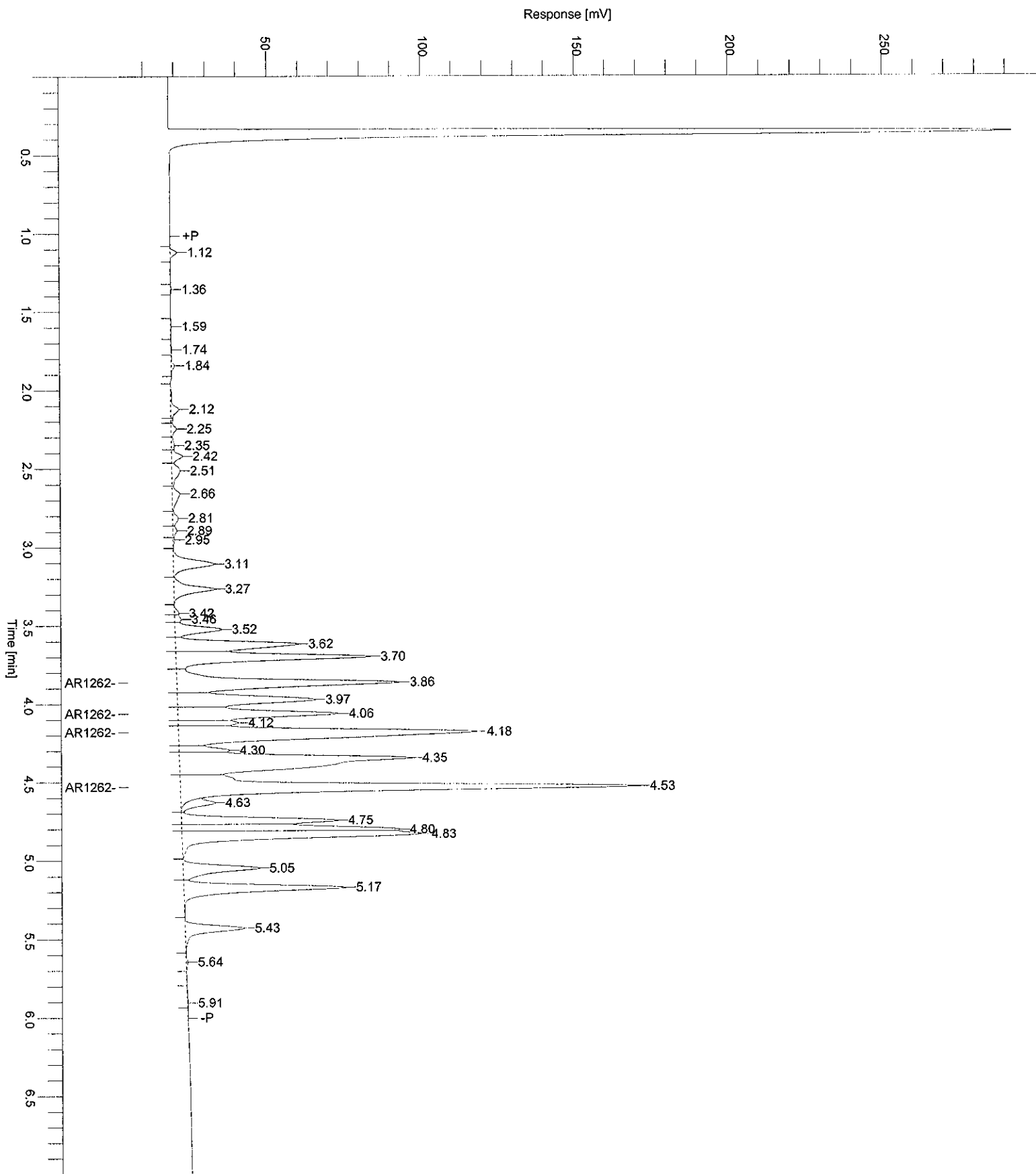
Processed by: BD 4/1/08
 Reviewed by: My 4/11/08

03/29/2008 10:40:03 Result: H:\TURBO6\5890-12\12a21021.rst

Group Report For : AR1262

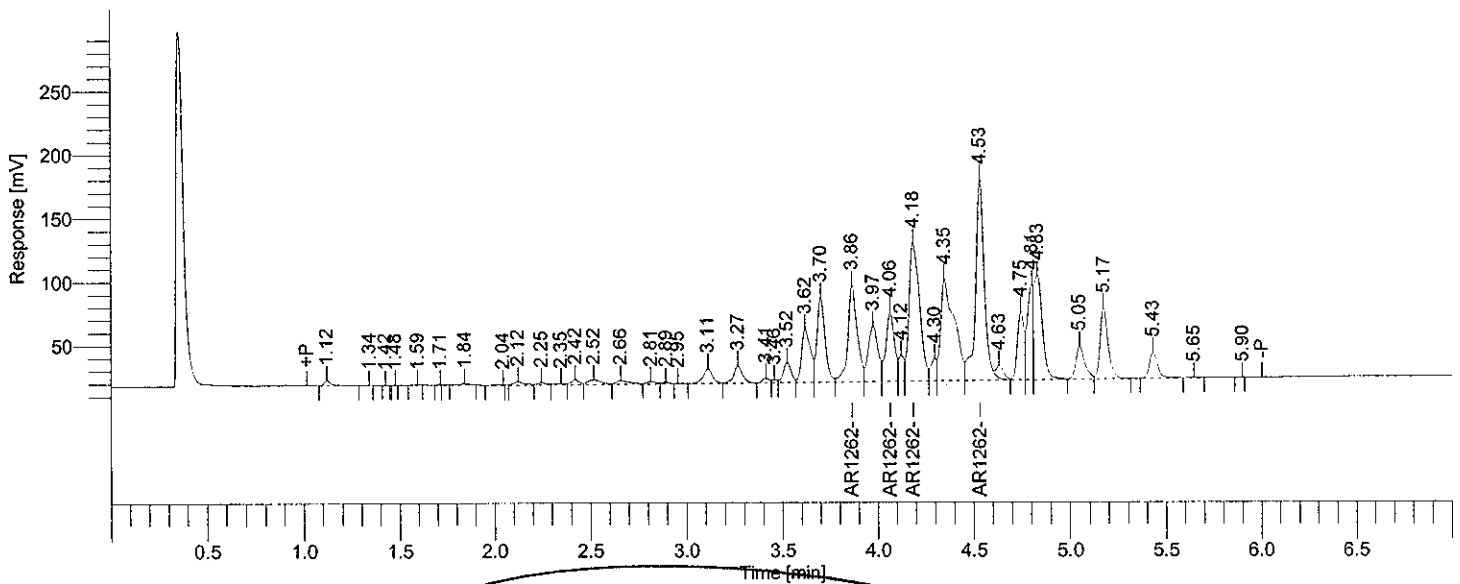
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
22	3.86	VV	245581	AR1262-A	0.50000	0.12500	4
24	4.06	VV	160783	AR1262-B	0.50000	0.12500	4
26	4.18	VV	377049	AR1262-C	0.50000	0.12500	4
29	4.53	VE	480642	AR1262-D	0.50000	0.12500	4
			1264055			0.50000	

Sample Name : ICM62EA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21021.raw
Date : 03/29/2008 10:40:05
Method : 12DINS Time of Injection: 03/14/2008 13:46:37
Start Time : 0.00 min End Time : 7.00 min Low Point : 4.59 mV High Point : 292.10 mV
Scale Factor: 1.0 Plot Offset: 4.59 mV Plot Scale: 287.5 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:40:13
 Reprocess Number : buf2042: 186092
 Operator : tchrom Sample Name : ACM62EA
 Sample Number : 0.6NG Study : ACM
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : A
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 14:00:53 Cycle : 12

Raw Data File : H:\TURBO6\5890-12\12a21022.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a21022.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21022.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21022.rst
 Calib Method : h:\turbo6\5890-12\12a-62(03-14-08).mth from H:\TURBO6\5890-12\12a21022.rst
 Report Format File: h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.53		1356375	AR1262	0.5365	2.5281e+06	2.7128e+06	-10.6
		1356375		0.5365		2.7128e+06	

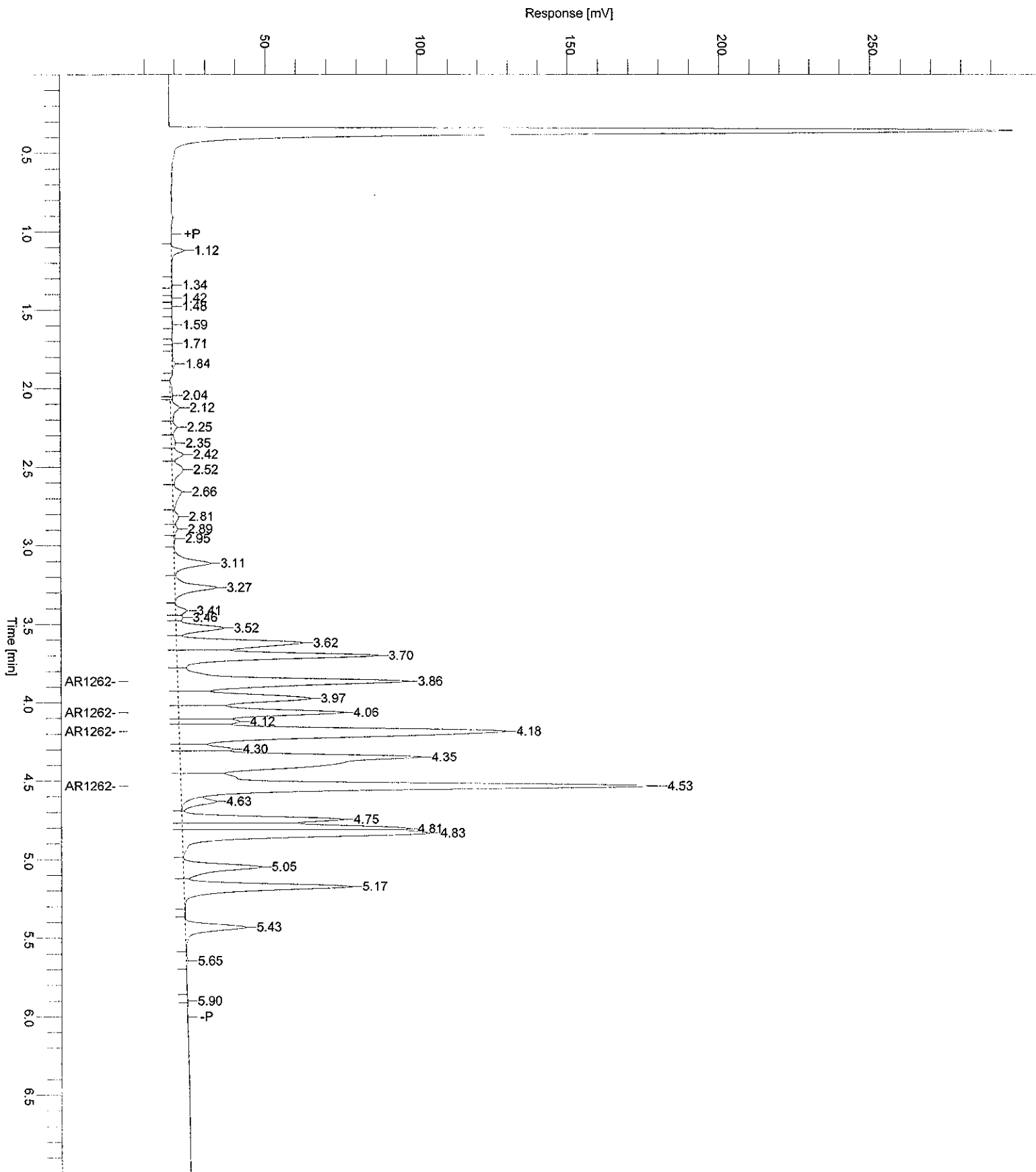
4/1/08
 (570)

03/29/2008 10:40:13 Result: H:\TURBO6\5890-12\12a21022.rst

Group Report For : AR1262

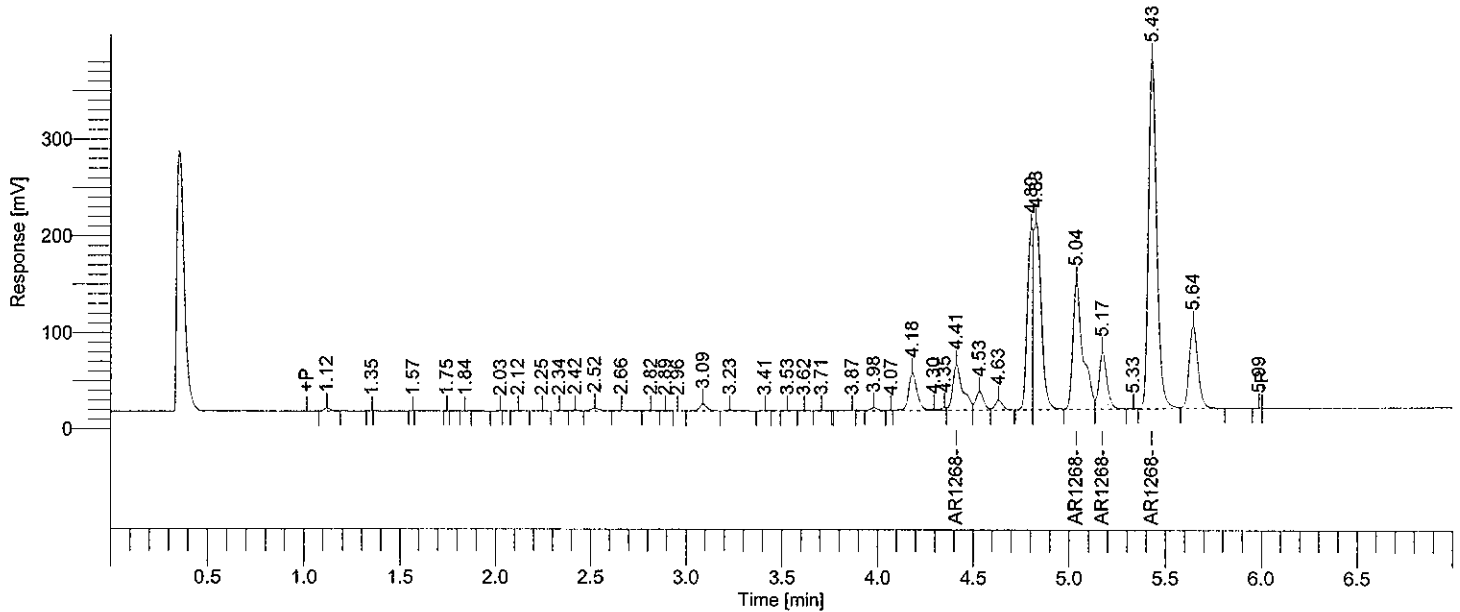
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.86	VV	257351	AR1262-A	0.5240	4.9116e+05	5.1470e+05	-12.7
4.06	VV	168245	AR1262-B	0.5232	3.2157e+05	3.3649e+05	-12.8
4.18	VV	423988	AR1262-C	0.5622	7.5410e+05	8.4798e+05	-6.3
4.53	VE	506791	AR1262-D	0.5272	9.6128e+05	1.0136e+06	-12.1
		1356375		2.1366		2.7128e+06	

Sample Name : ACM62EA Sample # : 0.6NG Page 1 of 1
FileName : H:\TURBO\065890-12\12a21022.raw
Date : 03/29/2008 10:40:15 Time of Injection: 03/14/2008 14:00:53
Method : 12DINS Start Time : 0.00 min Low Point : 4.11 mV High Point : 297.32 mV
Scale Factor: 1.0 End Time : 7.00 min Plot Offset: 4.11 mV Plot Scale: 293.2 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:40:23
 Reprocess Number : buf2042: 186094
 Operator : tchrom Sample Name : ICM68IA
 Sample Number : 0.5NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : A
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 14:15:05 Cycle : 13

Raw Data File : H:\TURBO6\5890-12\12a21023.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a21023.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21023.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21023.rst
 Calib Method : h:\turbo6\5890-12\12a-68(03-14-08).mth from H:\TURBO6\5890-12\12a21023.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	5.43		1897503	AR1268	0.50000	0.12500	4
			1897503			0.12500	

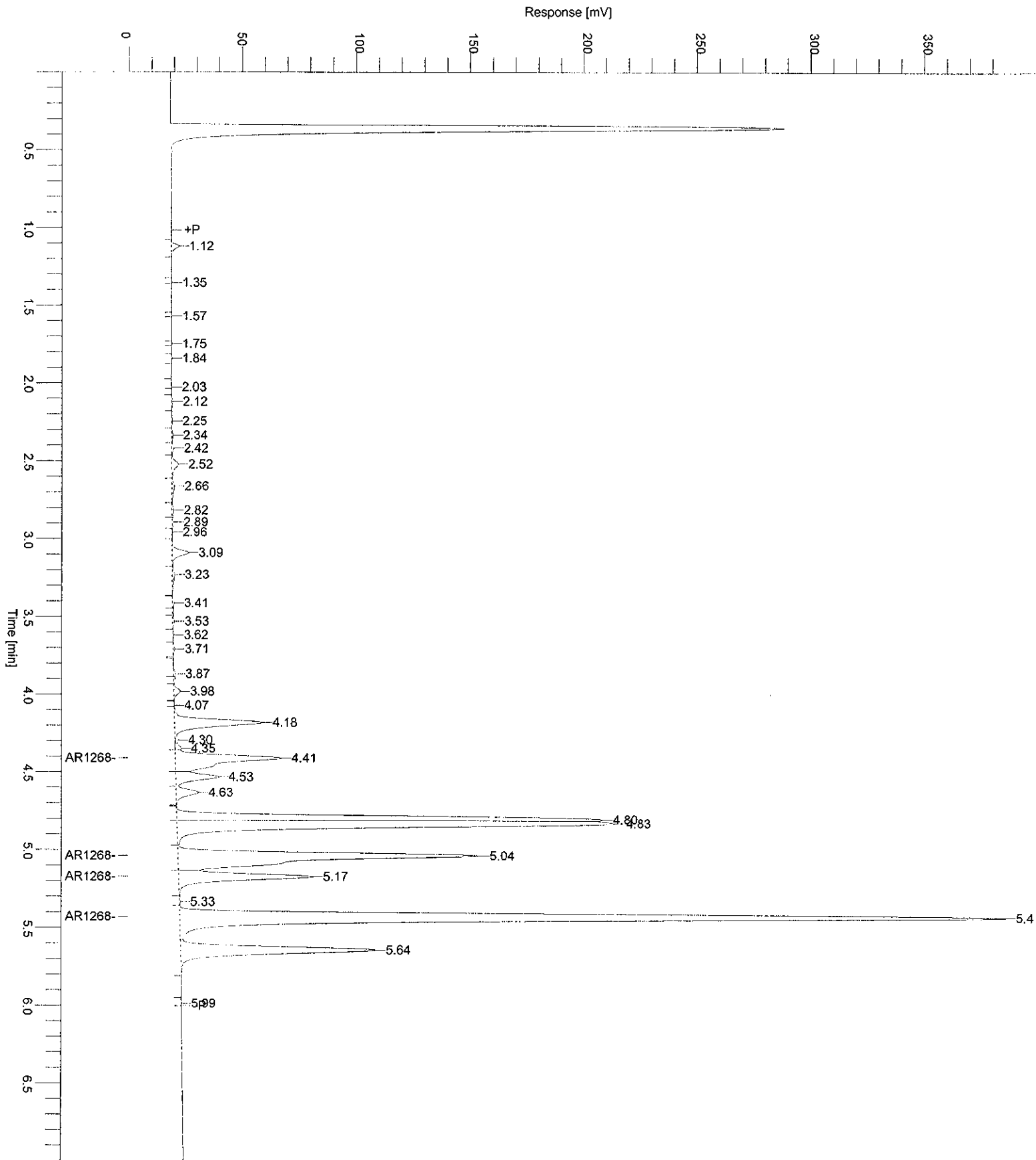
Processed by: SPD 4/1/08
 Reviewed by: SPD 4/1/08

03/29/2008 10:40:23 Result: H:\TURBO6\5890-12\12a21023.rst

Group Report For : AR1268

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
28	4.41	VV	171881	AR1268-A	0.50000	0.12500	4
33	5.04	VV	476190	AR1268-B	0.50000	0.12500	4
34	5.17	VV	170791	AR1268-C	0.50000	0.12500	4
36	5.43	VV	1078641	AR1268-D	0.50000	0.12500	4
			1897503			0.50000	

Sample Name : ICM68IA Sample # : 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a21023.raw
Date : 03/29/2008 10:40:24 Time of Injection : 03/14/2008 14:15:05
Method : 12DINS
Start Time : 0.00 min End Time : 7.00 min Low Point : -0.23 mV High Point : 386.21 mV
Scale Factor : 1.0 Plot Offset : -0.23 mV Plot Scale : 386.4 mV



```

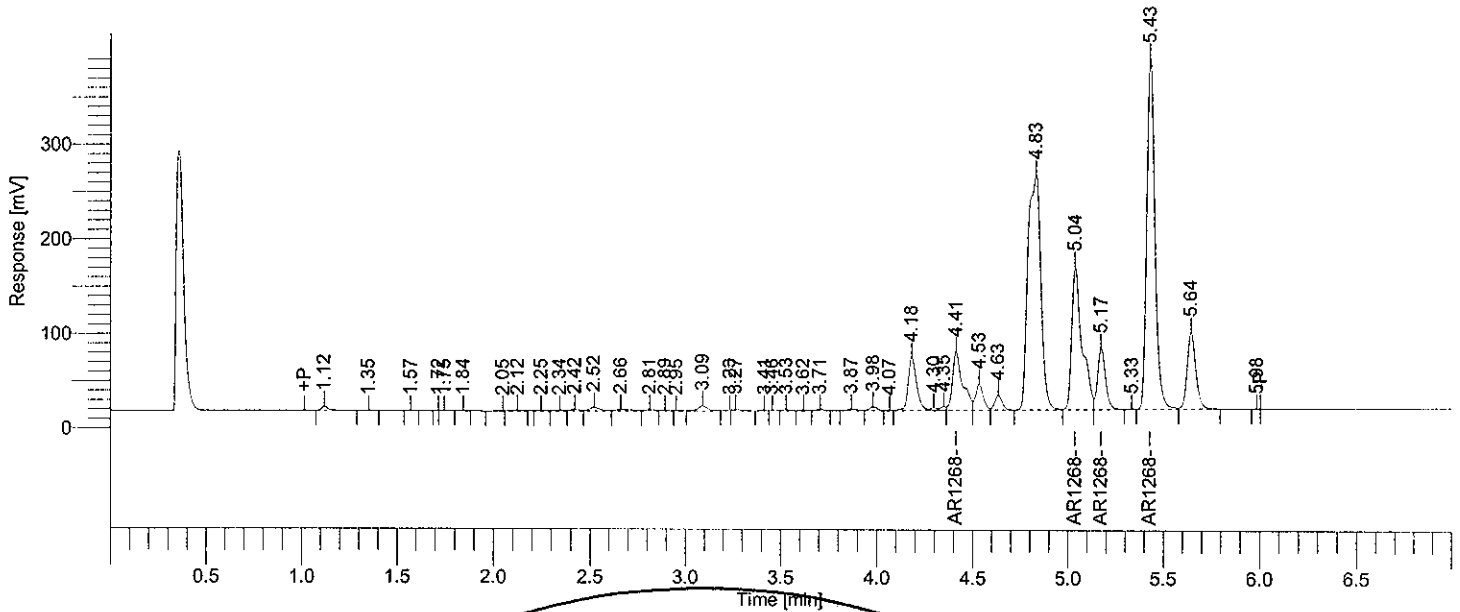
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 186096
Operator          : tchrom
Sample Number     : 0.6NG
AutoSampler       : NONE
Instrument Name    : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 03/14/2008 14:29:19

Date              : 03/29/2008 10:40:32
Sample Name      : ACM68EA
Study            : ACM
Rack/Vial        : 0/0
Channel          : A
A/D mV Range    : 1000
End Time        : 7.00 min

Area Reject     : 8000.000000
Dilution Factor : 1.00
Cycle           : 14
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a21024.raw <Modified>
Result File : H:\TURBO6\5890-12\12a21024.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a21024.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a21024.rst
Calib Method : h:\turbo6\5890-12\12a-68(03-14-08).mth from H:\TURBO6\5890-12\12a21024.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
5.43		2068328	AR1268	0.5450	3.7950e+06	4.1367e+06	-9.2
		2068328		0.5450		4.1367e+06	

4/1/08
[Signature]

03/29/2008 10:40:32 Result: H:\TURBO6\5890-12\12a21024.rst

Group Report For : AR1268

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.41	VV	230146	AR1268-A	0.6695	3.4376e+05	4.6029e+05	11.6
5.04	VV	557309	AR1268-B	0.5852	9.5238e+05	1.1146e+06	-2.5
5.17	VV	185100	AR1268-C	0.5419	3.4158e+05	3.7020e+05	-9.7
5.43	VV	1095772	AR1268-D	0.5079	2.1573e+06	2.1915e+06	-15.3
		2068328		2.3045		4.1367e+06	

Sample Name : ACM68EA

Sample #: 0.6NG

Page 1 of 1

FileName : H:\TURBO6\5890-12\12a21024.raw

Date : 03/29/2008 10:40:33

Method : 12DINS

Time of Injection: 03/14/2008 14:29:19

Start Time : 0.00 min

End Time : 7.00 min

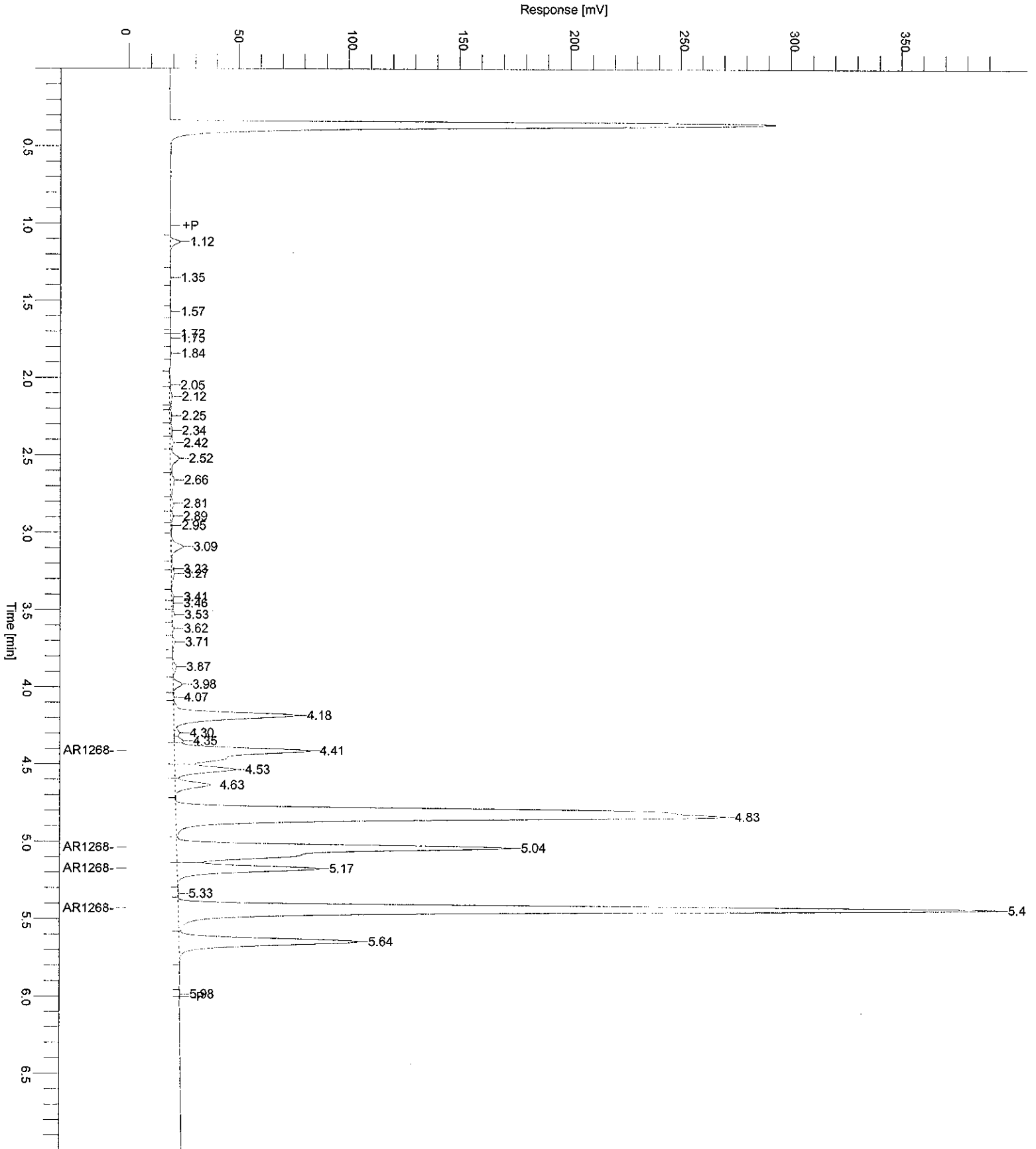
Low Point : -0.65 mV

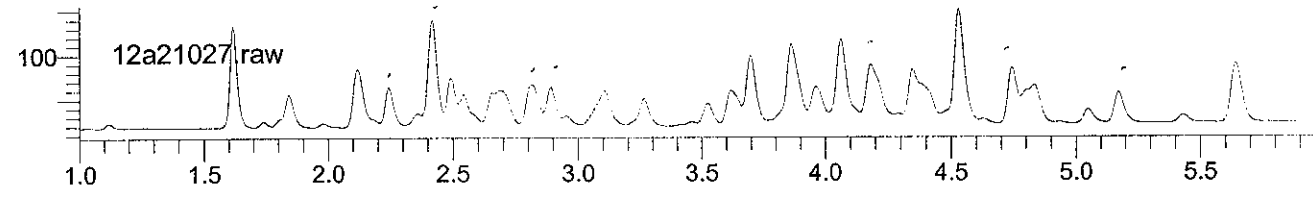
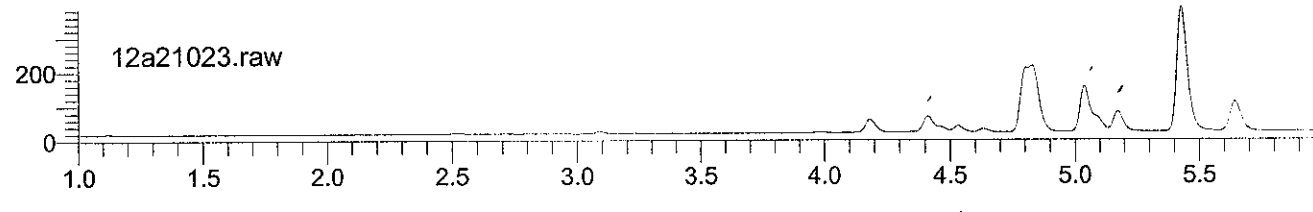
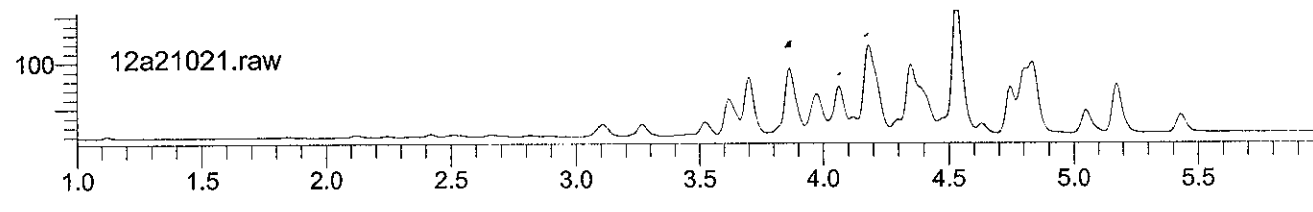
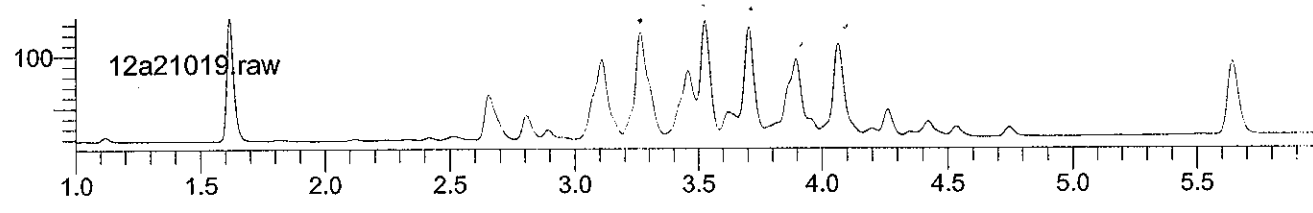
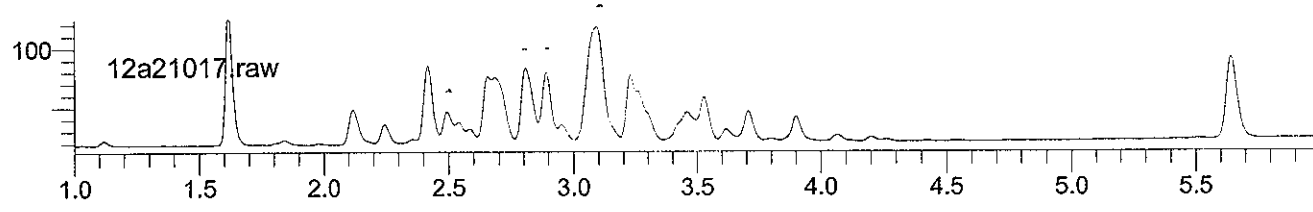
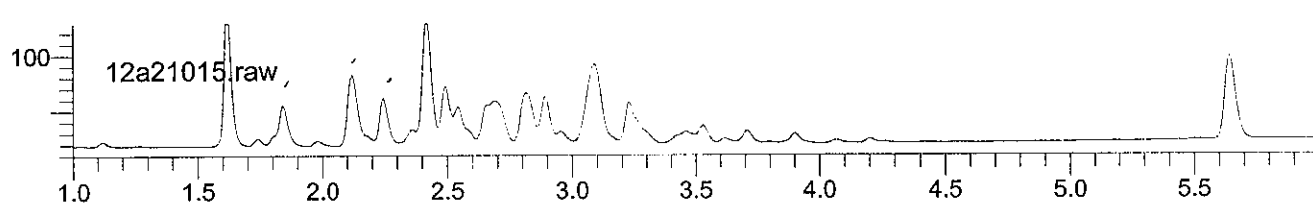
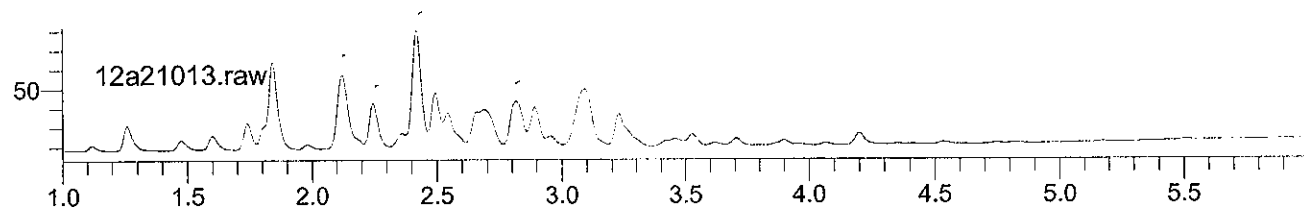
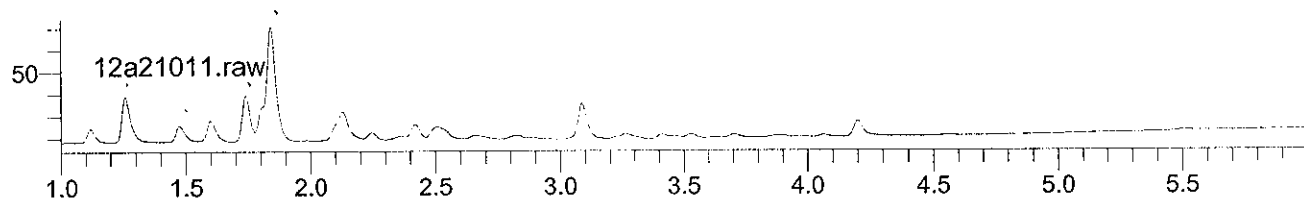
High Point : 394.32 mV

Scale Factor: 1.0

Plot Offset: -0.65 mV

Plot Scale: 395.0 mV





TotalChrom Method File H:\TURBO615690-12\12B-66(03-14-08).mth
 Printed by : RudzG on: 03/31/2008 16:47:31
 Created by : DelongG on: 03/19/2008 09:28:44
 Edited by : RudzG on: 03/31/2008 16:47:29
 Number of Times Edited : 6
 Number of Times Calibrated : 412
 Description: NEW 7 PT 1016/1260 CURVE FOR INST #12 03/14/08.

Processed by: GM 4/1/08
 Reviewed by: ASB 4/1/08

Global Sample Information

Default Sample Volume : 1.000 uL
 Quantitation Units : ng
 Void Time : 0.000 min
 Correct amounts during calibration : Yes
 Convert unknowns to concentration units : Yes
 Reject outliers during calibration : No

An External Standard calibration will be used
 Unknown peaks will be quantitated using a response factor of 1.000000e+06
 First peak will be relative retention reference

Component Information

TMX
 Component Type : Single Peak Component
 Retention Time : 1.288 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.030000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.020000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	83865.58	39266.01	-----	-----	1
B	0.0100	154266.68	77265.07	-----	-----	1
C	0.0200	307875.81	151926.36	-----	-----	1
D	0.0300	436222.46	212585.89	-----	-----	1
E	0.0400	601525.88	288680.88	-----	-----	1
F	0.0500	728385.09	347450.06	-----	-----	1

Calibration Curve : $y = (0.000000) + (14784882.234831)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998227

AR1016-A

Component Type : Single Peak Component
 Retention Time : 2.153 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	76765.13	30372.43	-----	-----	1
b	0.1000	157120.89	57152.58	-----	-----	1
c	0.2500	346082.84	131375.74	-----	-----	1
d	0.5000	596460.27	221758.51	-----	-----	1
e	1.0000	1231940.66	449530.45	-----	-----	1
f	2.0000	2246876.12	804854.08	-----	-----	1
H	0.0250	54161.16	17759.34	-----	-----	1

03/31/2008 16:47:31 Method: H:\TURBO6\5890-12\12B-66(03-14-08).mth

Calibration Curve : $y = (0.000000) + (1151291.748304)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.995851

AR1016

Component Type : Named Group

Group Members

- AR1016-A
- AR1016-B
- AR1016-C
- AR1016-D

Calibrating Area versus Amount using a 1st Order Fit

Curve will be forced through the origin

Amounts will not be scaled prior to the regression

Weighting factor for the regression: 1

Component standard purity percentage : 100.0000%

User Values

- Label :
- Value 1 : 0.500000
- Value 2 : 4.000000
- Value 3 : 0.600000
- Value 4 : 0.000000
- Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	192348.46	66848.98	-----	-----	1
b	0.1000	359580.96	121931.25	-----	-----	1
c	0.2500	803834.33	278253.96	-----	-----	1
d	0.5000	1386418.05	471137.76	-----	-----	1
e	1.0000	2873090.68	959703.04	-----	-----	1
f	2.0000	5271864.73	1.73e+06	-----	-----	1
H	0.0250	118084.49	38086.07	-----	-----	1

Calibration Curve : $y = (0.000000) + (2696306.138002)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.996366

AR1016-B

Component Type : Single Peak Component

Retention Time : 2.252 min

Search Window : 3.00 s, 0.00 %

Reference Component :

Find peak closest to expected RT in window

Calibrating Area versus Amount using a 1st Order Fit

Curve will be forced through the origin

Amounts will not be scaled prior to the regression

Weighting factor for the regression: 1

Component standard purity percentage : 100.0000%

User Values

- Label :
- Value 1 : 0.500000
- Value 2 : 4.000000
- Value 3 : 0.000000
- Value 4 : 0.000000
- Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	42227.05	14241.12	-----	-----	1
b	0.1000	69995.91	24191.65	-----	-----	1
c	0.2500	151678.05	53472.13	-----	-----	1
d	0.5000	258119.45	89933.33	-----	-----	1
e	1.0000	526340.55	182630.75	-----	-----	1
f	2.0000	960726.01	329458.29	-----	-----	1
H	0.0250	23680.10	8156.85	-----	-----	1

Calibration Curve : $y = (0.000000) + (492801.266474)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.994962

AR1016-C

Component Type : Single Peak Component

Retention Time : 2.579 min

Search Window : 3.00 s, 0.00 %

Reference Component :

Find peak closest to expected RT in window

Calibrating Area versus Amount using a 1st Order Fit

Curve will be forced through the origin

Amounts will not be scaled prior to the regression

Weighting factor for the regression: 1

Component standard purity percentage : 100.0000%

03/31/2008 16:47:31 Method: H:\TURBO6\5890-12\12B-66(03-14-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	40168.26	12617.54	-----	-----	1
b	0.1000	72704.09	23038.31	-----	-----	1
c	0.2500	169962.55	53589.13	-----	-----	1
d	0.5000	292314.69	90704.03	-----	-----	1
e	1.0000	600139.84	183668.91	-----	-----	1
f	2.0000	1096630.09	334183.11	-----	-----	1
H	0.0250	20352.77	6468.53	-----	-----	1

Calibration Curve : $y = (0.000000) + (561781.130489)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.996083

AR1016-D

Component Type : Single Peak Component
 Retention Time : 2.663 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	33188.03	9617.90	-----	-----	1
b	0.1000	59760.08	17548.71	-----	-----	1
c	0.2500	136110.89	39816.96	-----	-----	1
d	0.5000	239523.65	68741.89	-----	-----	1
e	1.0000	514669.63	143872.93	-----	-----	1
f	2.0000	967632.52	264911.09	-----	-----	1
h	0.0250	19890.45	5701.33	-----	-----	1

Calibration Curve : $y = (0.000000) + (490431.992736)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.998315

AR1260-A

Component Type : Single Peak Component
 Retention Time : 4.065 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	41847.93	16582.79	-----	-----	1
b	0.1000	78939.50	31069.61	-----	-----	1
c	0.2500	182300.16	70714.58	-----	-----	1
d	0.5000	305210.75	117736.80	-----	-----	1
e	1.0000	632305.27	242423.83	-----	-----	1
f	2.0000	1161700.61	442735.90	-----	-----	1
H	0.0250	25891.33	10180.85	-----	-----	1

03/31/2008 16:47:31 Method: H:\TURBO6\5890-12\12B-66(03-14-08).mth

Calibration Curve : $y = (0.000000) + (594206.413292)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.996143

AR1260-B

Component Type : Single Peak Component
 Retention Time : 4.195 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	93212.93	31573.78	-----	-----	1
b	0.1000	178500.63	59985.52	-----	-----	1
c	0.2500	425730.76	138706.48	-----	-----	1
d	0.5000	730621.01	233176.36	-----	-----	1
e	1.0000	1564166.42	486226.03	-----	-----	1
f	2.0000	2917188.75	898202.84	-----	-----	1
H	0.0250	53803.47	18591.71	-----	-----	1

Calibration Curve : $y = (0.000000) + (1482294.171615)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997941

AR1260

Component Type : Named Group

Group Members

- AR1260-A
- AR1260-B
- AR1260-C
- AR1260-D

Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.600000
 Value 4 : 0.000000
 Value 5 : 0.250000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	255979.81	78203.90	-----	-----	1
b	0.1000	470606.71	147290.60	-----	-----	1
c	0.2500	1102998.27	339511.22	-----	-----	1
d	0.5000	1877113.15	572269.29	-----	-----	1
e	1.0000	3991215.93	1.19e+06	-----	-----	1
f	2.0000	7454613.50	2.20e+06	-----	-----	1
H	0.0250	147693.41	46102.97	-----	-----	1

Calibration Curve : $y = (0.000000) + (3788907.607337)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997766

AR1260-C

Component Type : Single Peak Component
 Retention Time : 4.487 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

03/31/2008 16:47:31 Method: H:\TURBO6\5890-12\12B-66(03-14-08).mth

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	97227.81	21613.95	-----	-----	1
b	0.1000	167465.83	40122.78	-----	-----	1
c	0.2500	387729.57	92777.73	-----	-----	1
d	0.5000	655004.57	157557.86	-----	-----	1
e	1.0000	1387392.76	329619.07	-----	-----	1
f	2.0000	2593529.10	608224.21	-----	-----	1
H	0.0250	55086.48	12549.84	-----	-----	1

Calibration Curve : $y = (0.000000) + (1318506.424165)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.997541

AR1260-D

Component Type : Single Peak Component
 Retention Time : 4.849 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.500000
 Value 2 : 4.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
a	0.0500	23691.13	8433.38	-----	-----	1
b	0.1000	45700.75	16112.70	-----	-----	1
c	0.2500	107237.79	37312.42	-----	-----	1
d	0.5000	186276.82	63798.27	-----	-----	1
e	1.0000	407351.49	134244.83	-----	-----	1
f	2.0000	782195.05	250940.35	-----	-----	1
h	0.0250	12912.13	4780.57	-----	-----	1

Calibration Curve : $y = (0.000000) + (393900.598265)x + (0.000000)x^2 + (0.000000)x^3$
 R-squared : 0.999018

DCBP

Component Type : Single Peak Component
 Retention Time : 5.296 min
 Search Window : 3.00 s, 0.00 %
 Reference Component :
 Find peak closest to expected RT in window
 Calibrating Area versus Amount using a 1st Order Fit
 Curve will be forced through the origin
 Amounts will not be scaled prior to the regression
 Weighting factor for the regression: 1
 Component standard purity percentage : 100.0000%

User Values

Label :
 Value 1 : 0.030000
 Value 2 : 0.000000
 Value 3 : 0.000000
 Value 4 : 0.000000
 Value 5 : 0.020000
 Value 6 : 0.010000
 Value 7 : 1.000000

Calibration Level

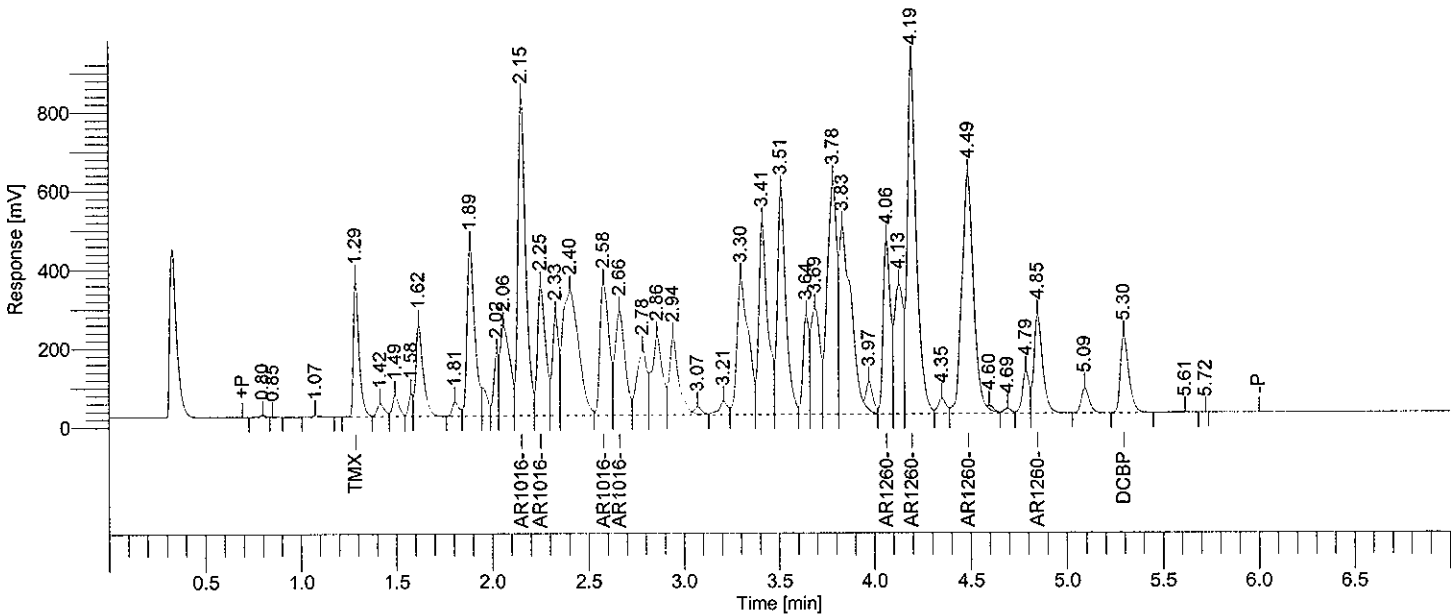
Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	76051.51	26762.72	-----	-----	1
B	0.0100	144734.07	49311.02	-----	-----	1
C	0.0200	273068.95	90290.72	-----	-----	1
D	0.0300	373471.90	121444.90	-----	-----	1
E	0.0400	508085.83	163240.41	-----	-----	1
F	0.0500	613808.80	196069.43	-----	-----	1

03/31/2008 16:47:31 Method: H:\TURBO6\5890-12\12B-66(03-14-08).mth

Calibration Curve : $y = (0.000000) + (12580453.823126)x + (0.000000)x^2 + (0.000000)x^3$
R-squared : 0.994161

Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:40:47
 Reprocess Number : buf2042: 186099
 Operator : tchrom Sample Name : ICM66TC
 Sample Number : 2.0NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 14:43:32 Cycle : 15

Raw Data File : H:\TURBO6\5890-12\12B21025.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21025.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21025.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21025.rst
 Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B21025.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	1.29	BV	728385	TMX	0.05000	-----	0
	2.15		5271865	AR1016	2.00000	0.50000	4
	4.19		7454614	AR1260	2.00000	0.50000	4
42	5.30	BV	613809	DCBP	0.05000	-----	0
						14068672	1.00000

Processed by: BD 4/1/08
 Reviewed by: NY 4/11/08

03/29/2008 10:40:47 Result: H:\TURBO6\5890-12\12B21025.rst

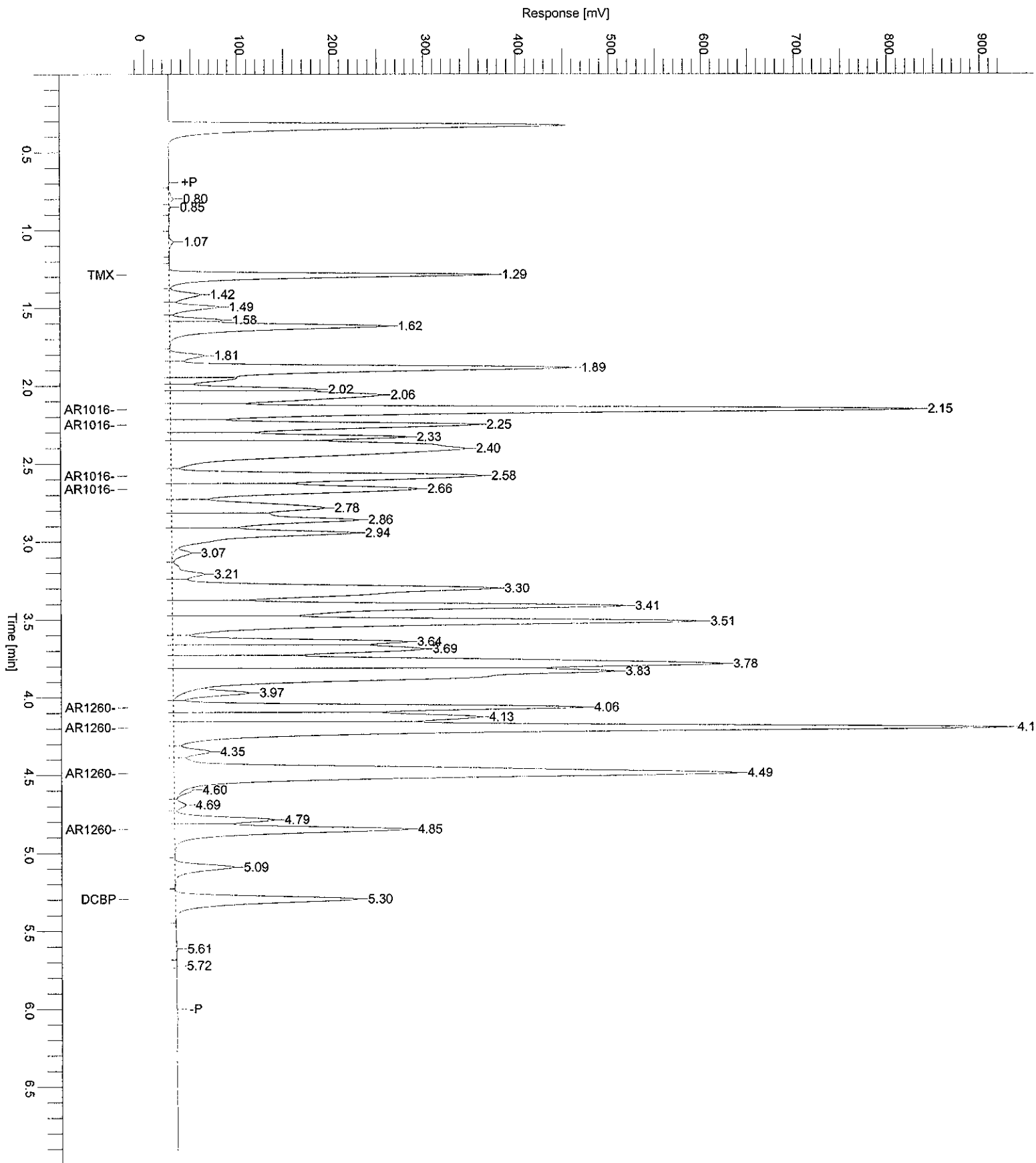
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	2.15	VV	2246876	AR1016-A	2.00000	0.50000	4
14	2.25	VV	960726	AR1016-B	2.00000	0.50000	4
17	2.58	VV	1096630	AR1016-C	2.00000	0.50000	4
18	2.66	VV	967633	AR1016-D	2.00000	0.50000	4
			5271865			2.00000	

Group Report For : AR1260

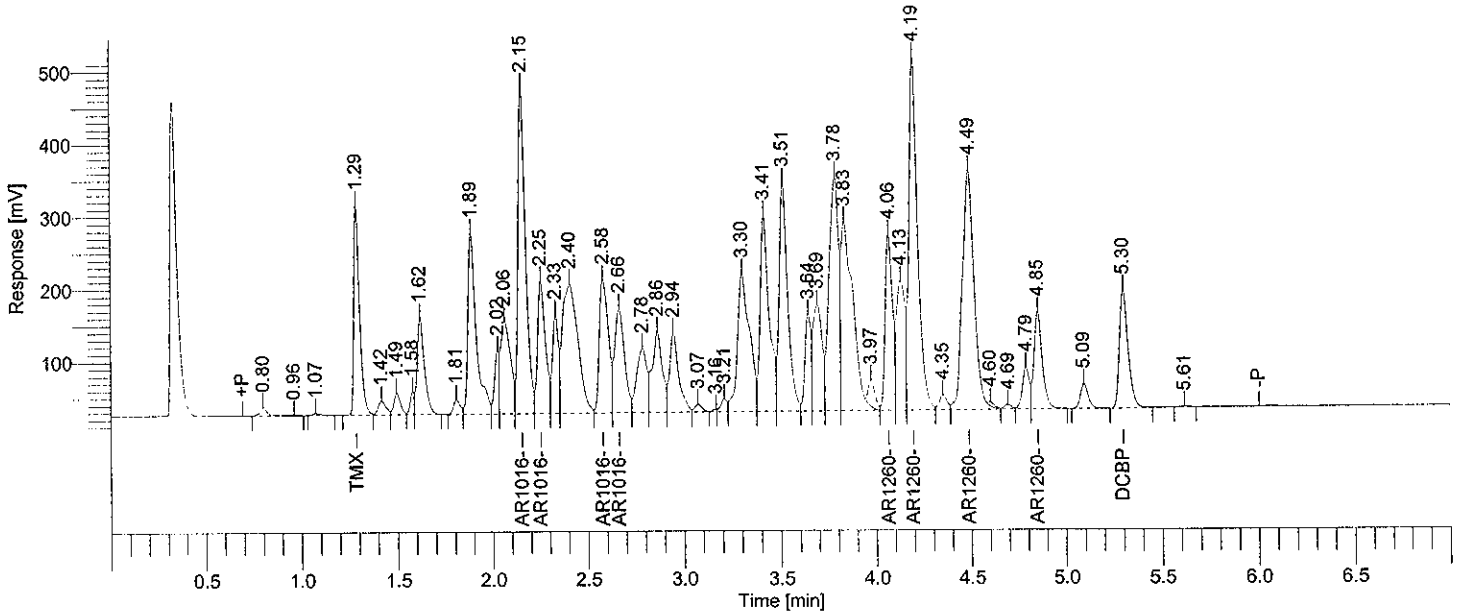
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
32	4.06	VV	1161701	AR1260-A	2.00000	0.50000	4
34	4.19	VV	2917189	AR1260-B	2.00000	0.50000	4
36	4.49	VE	2593529	AR1260-C	2.00000	0.50000	4
40	4.85	VV	782195	AR1260-D	2.00000	0.50000	4
			7454614			2.00000	

Sample Name : ICM66TC
File Name : H:\TURBO6\5890-12\12B21025.raw
Date : 03/29/2008 10:40:49
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0
Sample #: 2.0NG
Page 1 of 1
Time of Injection: 03/14/2008 14:43:32
End Time : 7.00 min
Plot Offset: -18.92 mV
Low Point : -18.92 mV
High Point : 928.36 mV
Plot Scale: 947.3 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:40:57
 Reprocess Number : buf2042: 186101
 Operator : tchrom Sample Name : ICM66TD
 Sample Number : 1.0NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 14:57:49 Cycle : 16

Raw Data File : H:\TURBO6\5890-12\12B21026.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21026.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21026.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21026.rst
 Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B21026.rst
 Report Format File : h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (4 peaks)	# PEAKS USED
4	1.29	BV	601526	TMX	0.04000	-----	0
	2.15		2873091	AR1016	1.00000	0.25000	4
	4.19		3991216	AR1260	1.00000	0.25000	4
43	5.30	BV	508086	DCBP	0.04000	-----	0
			7973918			0.50000	

Processed by: SD 4/1/08
 Reviewed by: AMY 4/11/08

03/29/2008 10:40:57 Result: H:\TURBO6\5890-12\12B21026.rst

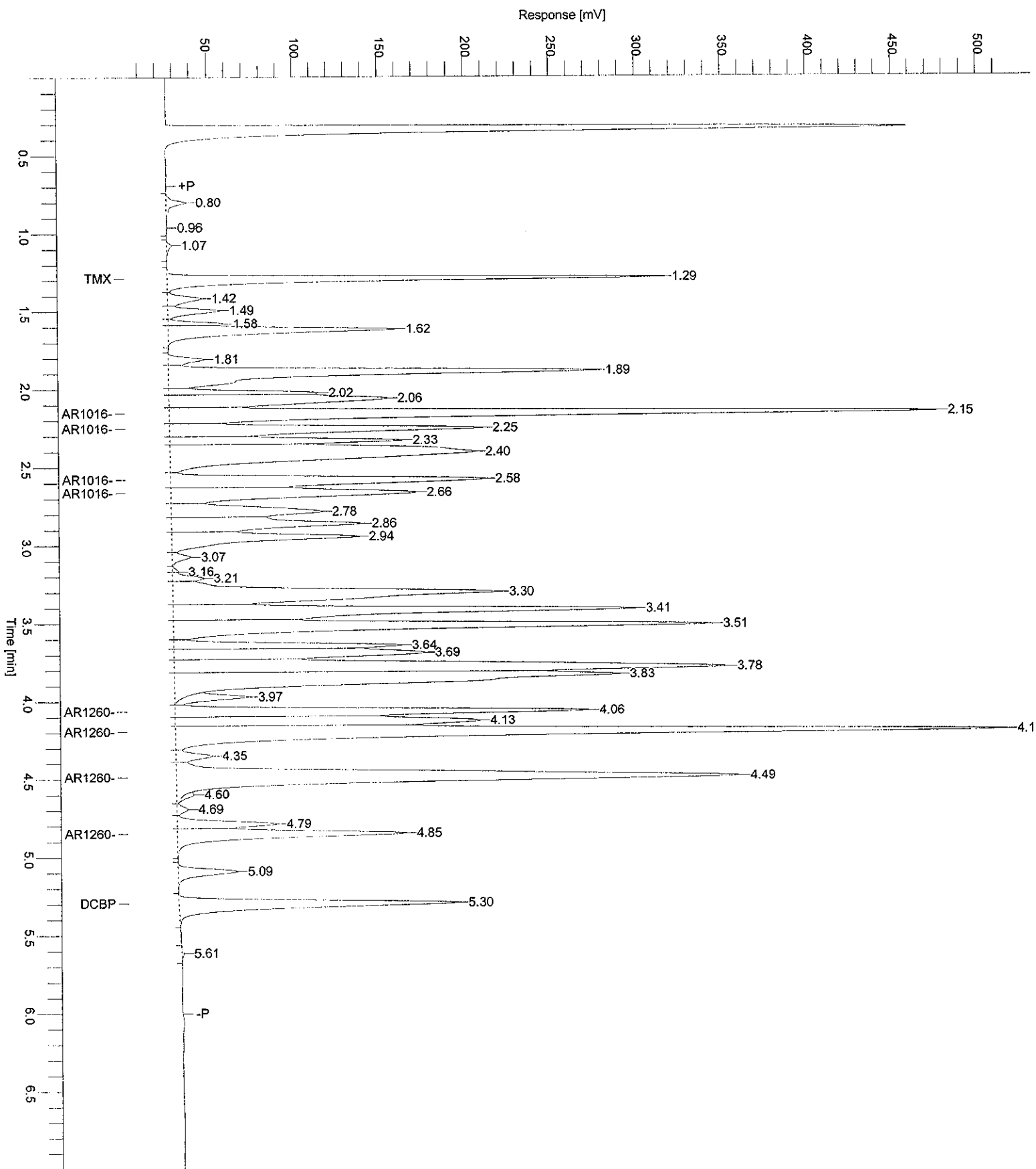
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	2.15	VV	1231941	AR1016-A	1.00000	0.25000	4
14	2.25	VV	526341	AR1016-B	1.00000	0.25000	4
17	2.58	VV	600140	AR1016-C	1.00000	0.25000	4
18	2.66	VV	514670	AR1016-D	1.00000	0.25000	4
			2873091			1.00000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
33	4.06	VV	632305	AR1260-A	1.00000	0.25000	4
35	4.19	VV	1564166	AR1260-B	1.00000	0.25000	4
37	4.49	VE	1387393	AR1260-C	1.00000	0.25000	4
41	4.85	VV	407351	AR1260-D	1.00000	0.25000	4
			3991216			1.00000	

Sample Name : ICM66TD
File Name : H:\TURBO6\5890-12\12B21026.raw
Date : 03/29/2008 10:40:59
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0
Sample #: 1.0NG
Page 1 of 1
Time of Injection: 03/14/2008 14:57:49
Low Point : 1.78 mV
High Point : 515.99 mV
End Time : 7.00 min
Plot Offset: 1.78 mV
Plot Scale: 514.2 mV



```

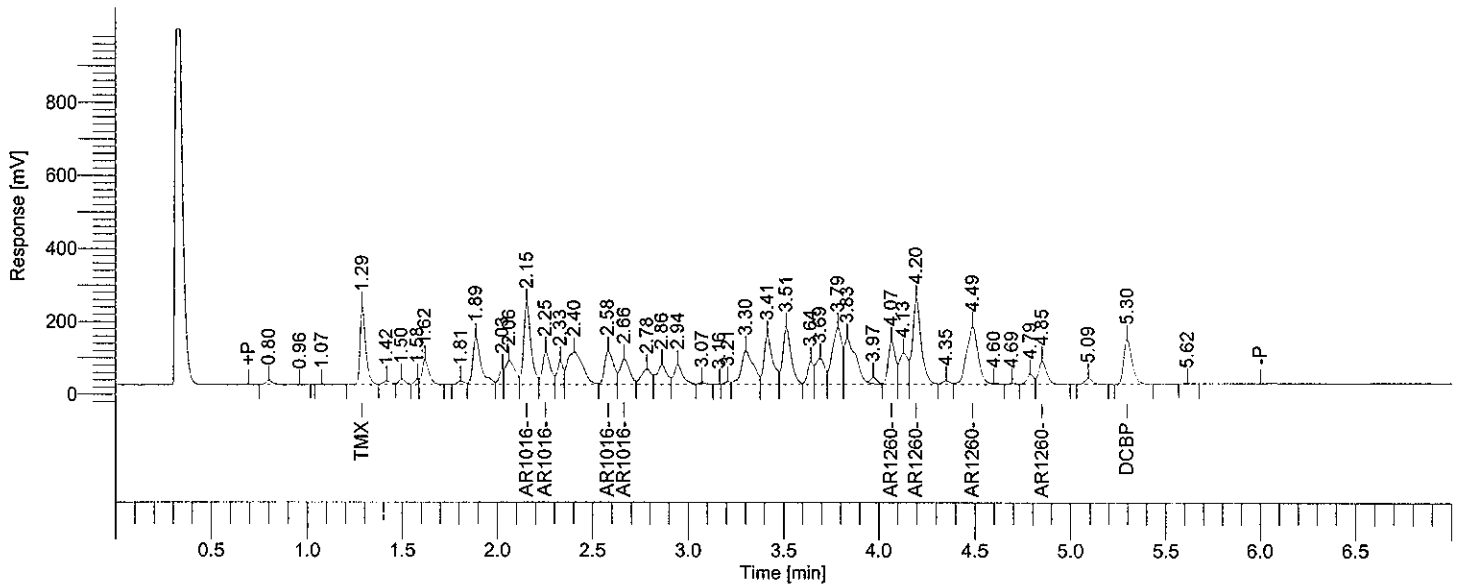
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186103
Operator : tchrom
Sample Number : 0.5NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 15:12:03

Date : 03/29/2008 10:41:06
Sample Name : ICM66UA
Study : ICAL
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 17
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B21027.raw <Modified>
Result File : H:\TURBO6\5890-12\12B21027.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21027.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21027.rst
Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B21027.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
4	1.29	VV	436222	TMX	0.03000	-----	0
	2.15		1386418	AR1016	0.50000	0.12500	4
	4.20		1877113	AR1260	0.50000	0.12500	4
43	5.30	BV	373472	DCBP	0.03000	-----	0
			4073226			0.25000	

Processed by: GAH 4/1/08
 Reviewed by: DAF 4/11/08

03/29/2008 10:41:06 Result: H:\TURBO6\5890-12\12B21027.rst

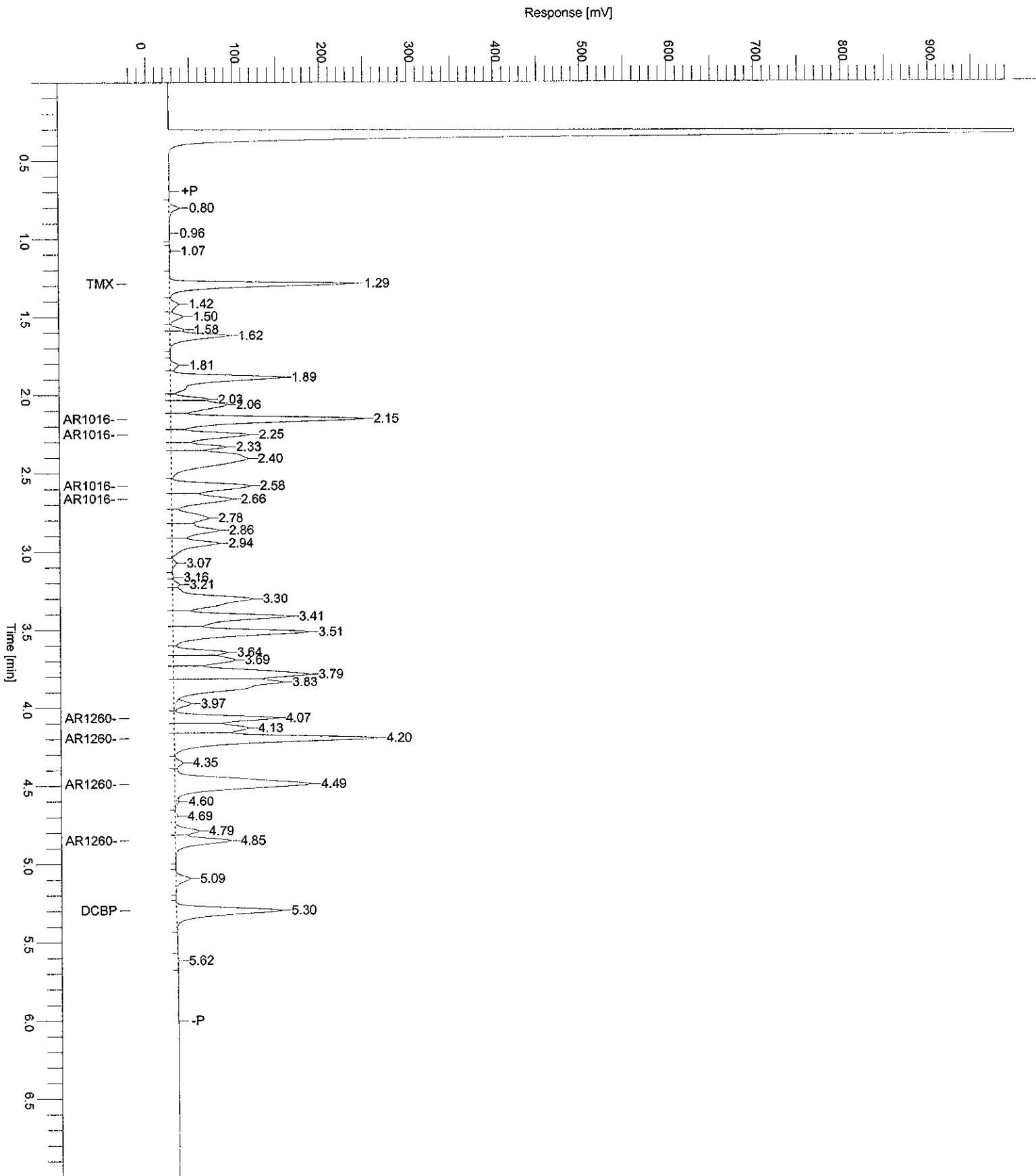
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	2.15	VV	596460	AR1016-A	0.50000	0.12500	4
14	2.25	VV	258119	AR1016-B	0.50000	0.12500	4
17	2.58	VV	292315	AR1016-C	0.50000	0.12500	4
18	2.66	VV	239524	AR1016-D	0.50000	0.12500	4
			1386418			0.50000	

Group Report For : AR1260

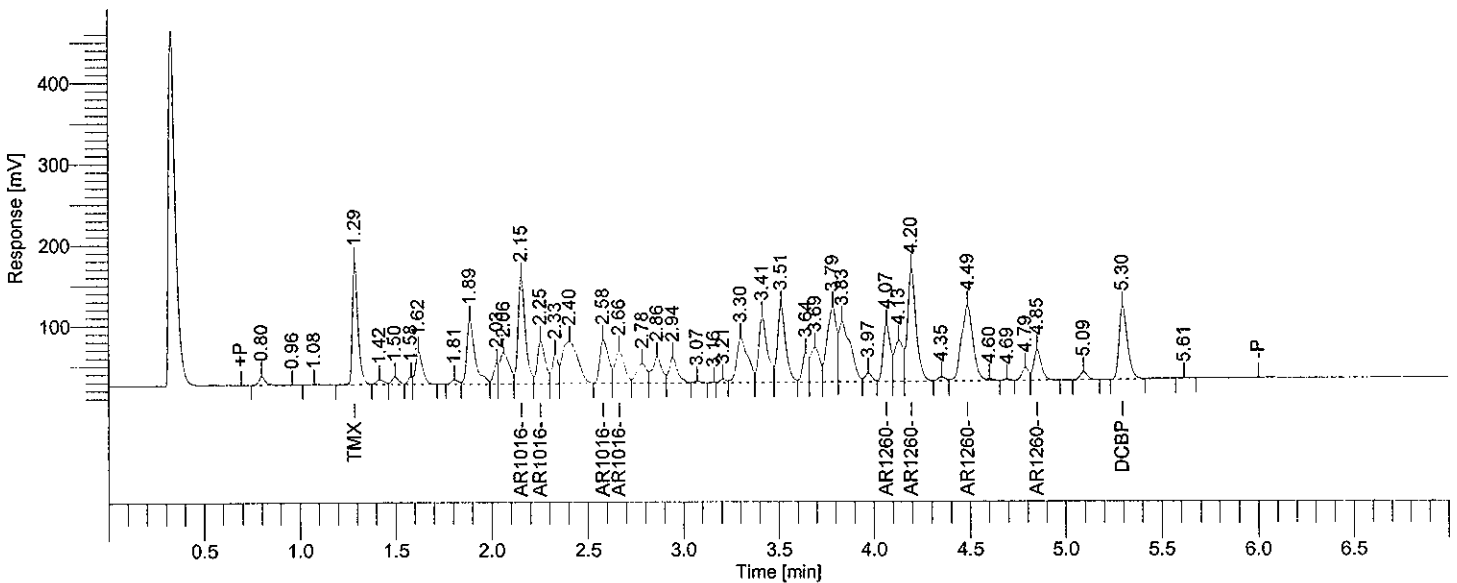
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
33	4.07	VV	305211	AR1260-A	0.50000	0.12500	4
35	4.20	VV	730621	AR1260-B	0.50000	0.12500	4
37	4.49	VE	655005	AR1260-C	0.50000	0.12500	4
41	4.85	VB	186277	AR1260-D	0.50000	0.12500	4
			1877113			0.50000	

Sample Name : ICM66UA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO06\5890-12\12B21027.raw
Date : 03/29/2008 10:41:08 Time of Injection: 03/14/2008 15:12:03
Method : 12DINS Start Time : 0.00 min End Time : 7.00 min Low Point : -22.52 mV High Point : 1000.00 mV
Scale Factor: 1.0 Plot Offset: -22.52 mV Plot Scale: 1022.5 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:41:16
 Reprocess Number : buf2042: 186105
 Operator : tchrom Sample Name : ICM66TE
 Sample Number : 0.25NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 15:26:18 Cycle : 18

Raw Data File : H:\TURBO6\5890-12\12B21028.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21028.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21028.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21028.rst
 Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B21028.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC	AVG NG CONC (4 peaks)	# PEAKS USED
4	1.29	VV	307876	TMX	0.02000	-----	0
	2.15		803834	AR1016	0.25000	0.06250	4
	4.20		1102998	AR1260	0.25000	0.06250	4
43	5.30	BV	273069	DCBP	0.02000	-----	0
					2487777	0.12500	

Processed by: BD 4/1/08
 Reviewed by: PMY 4/1/08

03/29/2008 10:41:16 Result: H:\TURBO6\5890-12\12B21028.rst

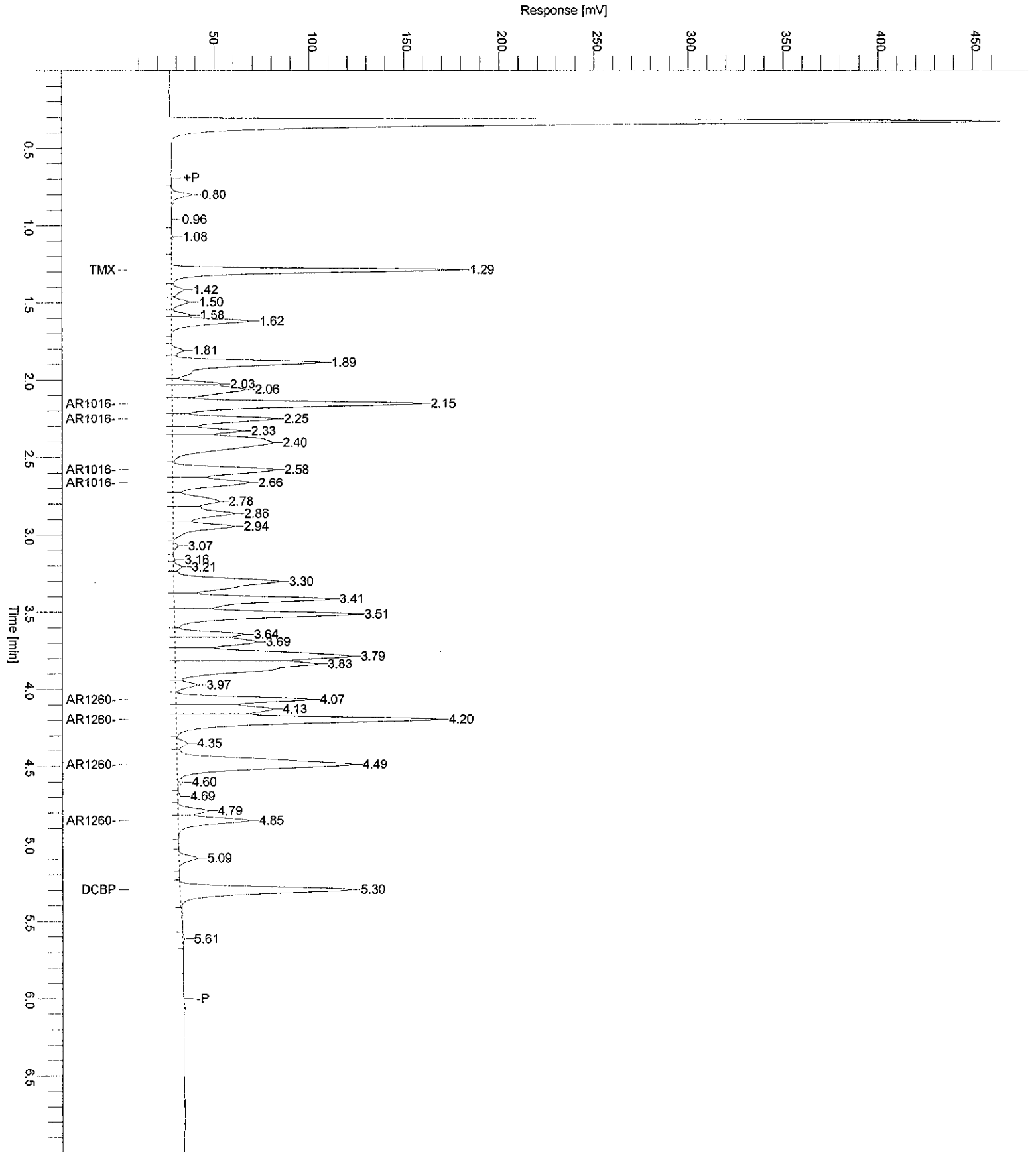
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	2.15	VV	346083	AR1016-A	0.25000	0.06250	4
14	2.25	VV	151678	AR1016-B	0.25000	0.06250	4
17	2.58	VV	169963	AR1016-C	0.25000	0.06250	4
18	2.66	VV	136111	AR1016-D	0.25000	0.06250	4
			803834			0.25000	

Group Report For : AR1260

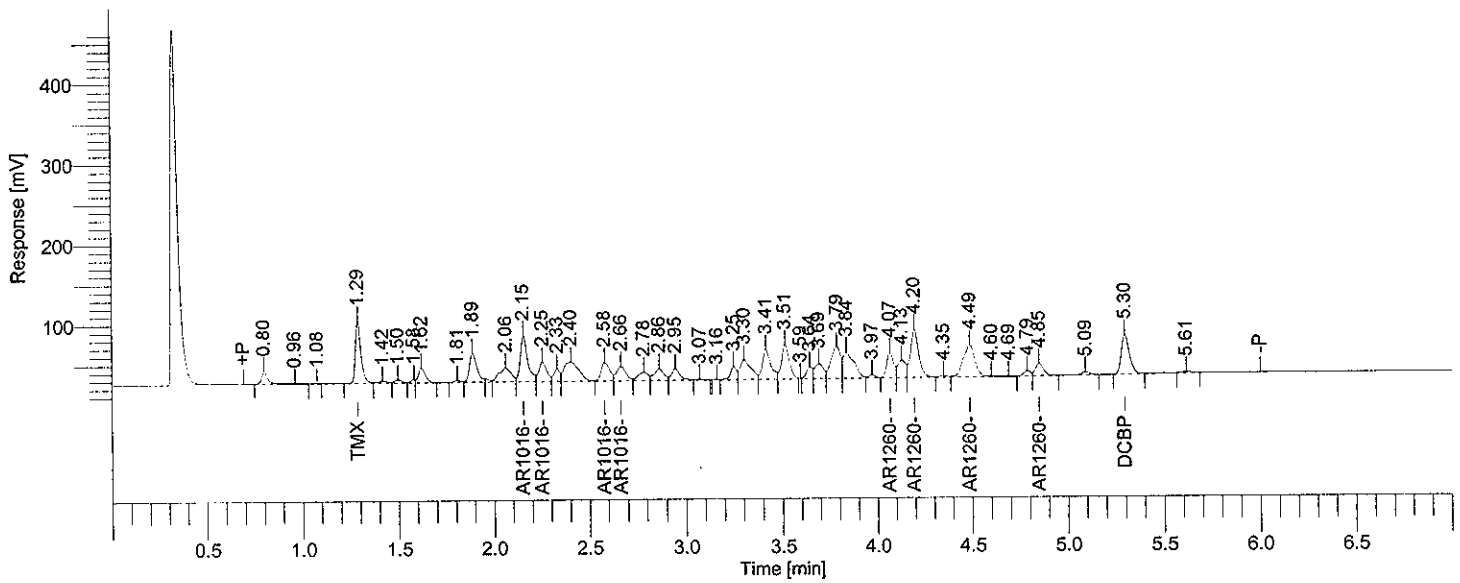
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
33	4.07	VV	182300	AR1260-A	0.25000	0.06250	4
35	4.20	VV	425731	AR1260-B	0.25000	0.06250	4
37	4.49	VE	387730	AR1260-C	0.25000	0.06250	4
41	4.85	VB	107238	AR1260-D	0.25000	0.06250	4
			1102998			0.25000	

Sample Name : ICM66TE Sample #: 0.25NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B21028.raw
Date : 03/29/2008 10:41:18 Time of Injection: 03/14/2008 15:26:18
Method : 12DINS Start Time : 0.00 min End Time : 7.00 min Low Point : 4.16 mV High Point : 464.57 mV
Scale Factor: 1.0 Plot Offset: 4.16 mV Plot Scale: 460.4 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:41:25
 Reprocess Number : buf2042: 186107
 Operator : tchrom Sample Name : ICM66TF
 Sample Number : 0.1NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 15:40:27 Cycle : 19

Raw Data File : H:\TURBO6\5890-12\12B21029.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21029.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21029.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21029.rst
 Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B21029.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (4 peaks)	# PEAKS USED
4	1.29	VV	154267	TMX	0.01000	-----	0
	2.15		359581	AR1016	0.10000	0.02500	4
	4.20		470607	AR1260	0.10000	0.02500	4
43	5.30	BV	144734	DCBP	0.01000	-----	0
			1129188			0.05000	

Processed by: *[Signature]* 4/1/08
 Reviewed by: *[Signature]* 4/11/08

03/29/2008 10:41:25 Result: H:\TURBO6\5890-12\12B21029.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	2.15	VV	157121	AR1016-A	0.10000	0.02500	4
13	2.25	VV	69996	AR1016-B	0.10000	0.02500	4
16	2.58	VV	72704	AR1016-C	0.10000	0.02500	4
17	2.66	VV	59760	AR1016-D	0.10000	0.02500	4
			359581			0.10000	

Group Report For : AR1260

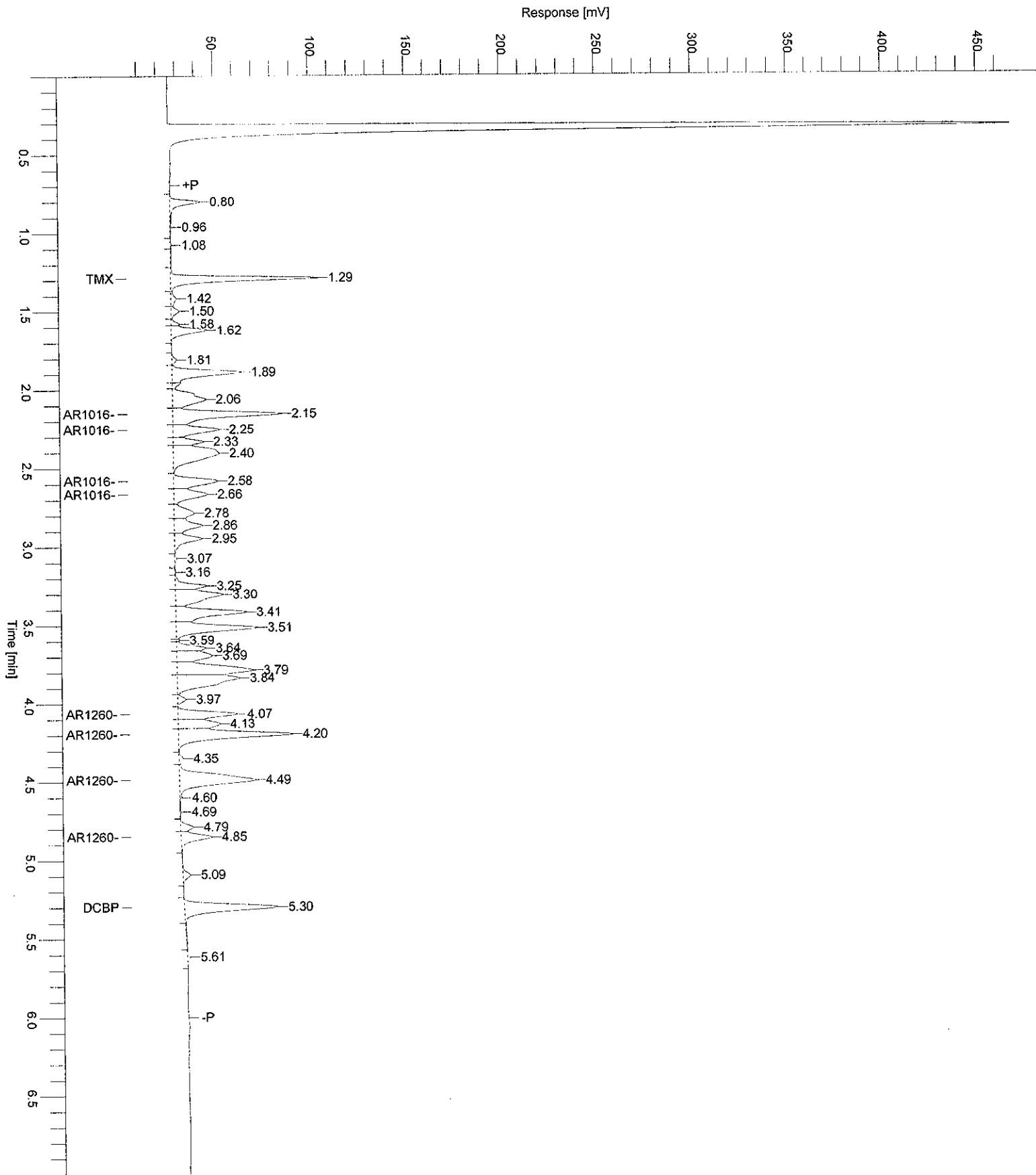
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
33	4.07	VV	78940	AR1260-A	0.10000	0.02500	4
35	4.20	VV	178501	AR1260-B	0.10000	0.02500	4
37	4.49	VE	167466	AR1260-C	0.10000	0.02500	4
41	4.85	VV	45701	AR1260-D	0.10000	0.02500	4
			470607			0.10000	

Sample Name : ICM66TF
FileName : H:\TURBO6\5890-12\12B21029.raw
Date : 03/29/2008 10:41:27
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0

Sample # : 0.1NG

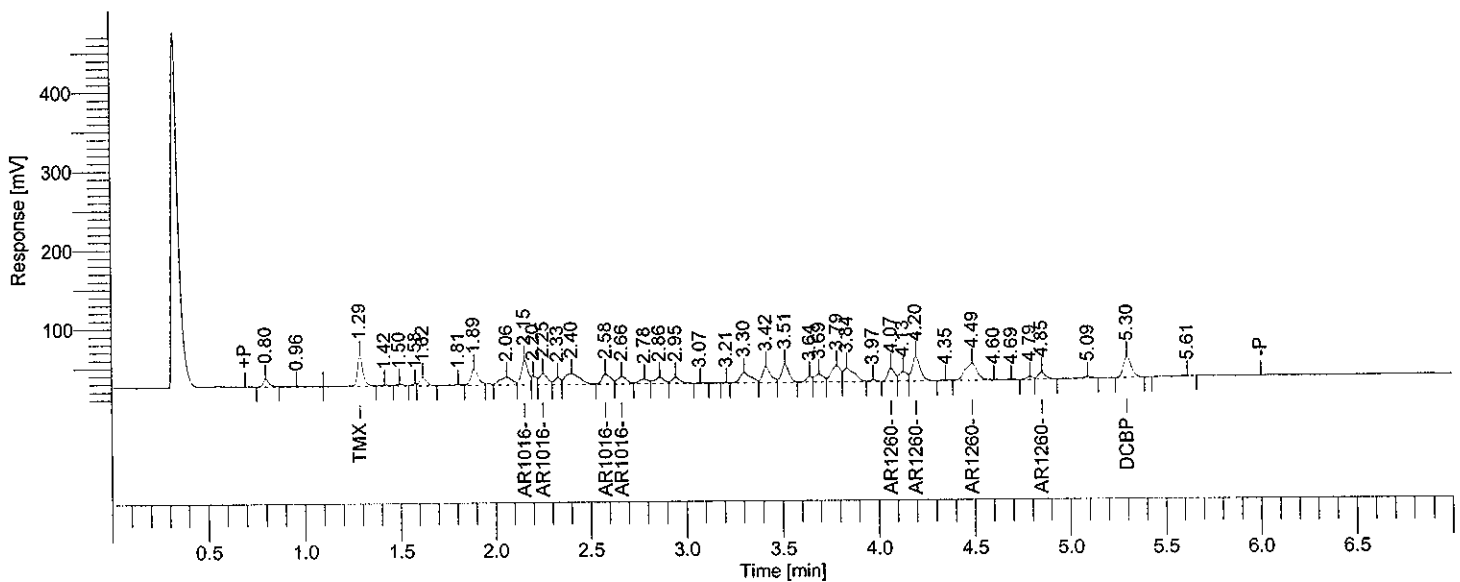
Page 1 of 1

Time of Injection: 03/14/2008 15:40:27
Low Point : 4.06 mV
High Point : 467.79 mV
Plot Offset: 4.06 mV
Plot Scale: 463.7 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:41:34
 Reprocess Number : buf2042: 186109
 Operator : tchrom Sample Name : ICM66TG
 Sample Number : 0.05NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 15:54:41 Cycle : 20

Raw Data File : H:\TURBO6\5890-12\12B21030.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21030.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21030.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21030.rst
 Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B21030.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
3	1.29	VV	83866	TMX	0.00500	-----	0
	2.15		192348	AR1016	0.05000	0.01250	4
	4.20		255980	AR1260	0.05000	0.01250	4
41	5.30	BV	76052	DCBP	0.00500	-----	0
			608245			0.02500	

Processed by: GD 4/1/08
 Reviewed by: DW 4/1/08

03/29/2008 10:41:34 Result: H:\TURBO6\5890-12\12B21030.rst

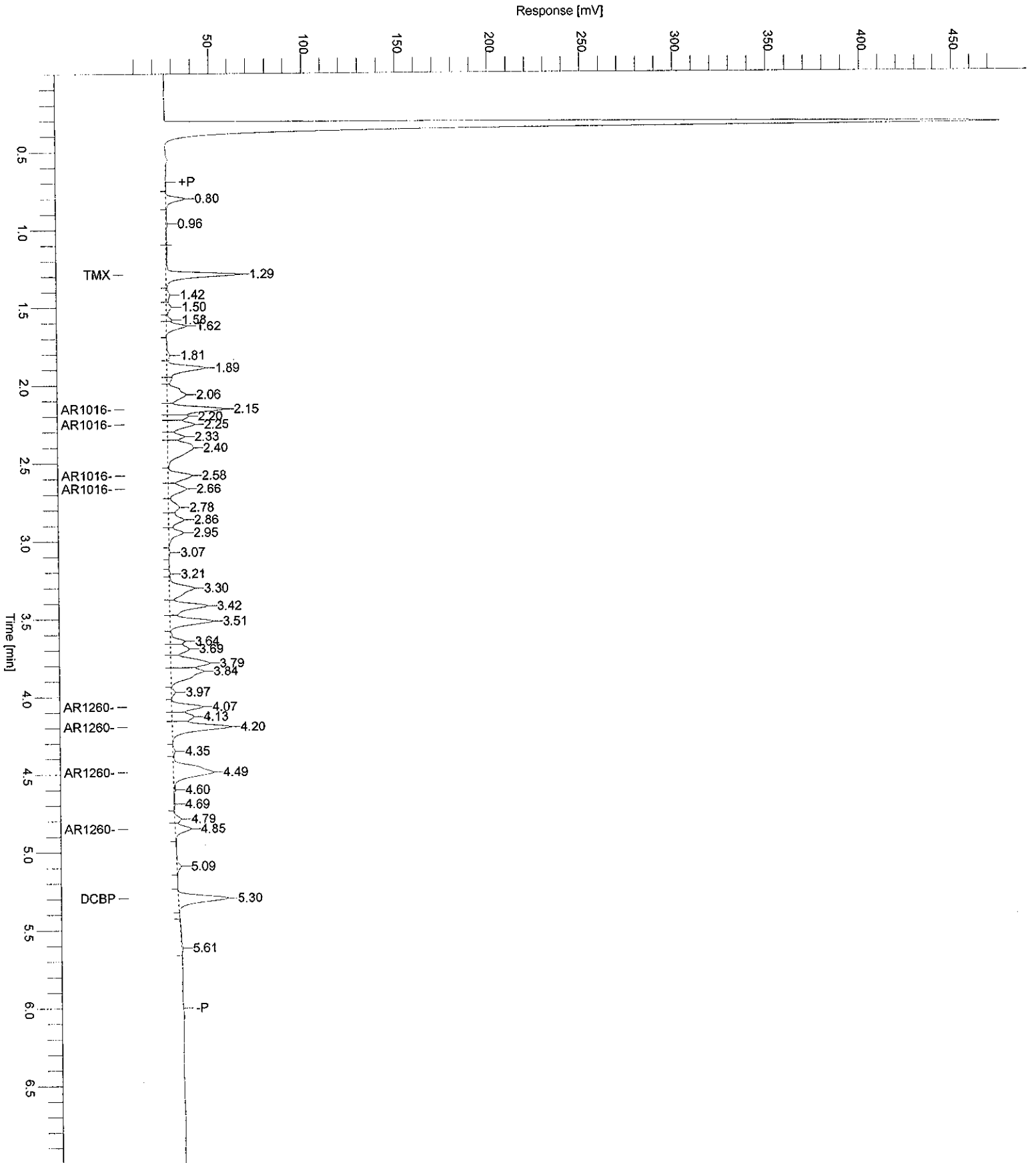
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.15	VV	76765	AR1016-A	0.05000	0.01250	4
13	2.25	VV	42227	AR1016-B	0.05000	0.01250	4
16	2.58	VV	40168	AR1016-C	0.05000	0.01250	4
17	2.66	VV	33188	AR1016-D	0.05000	0.01250	4
			192348			0.05000	

Group Report For : AR1260

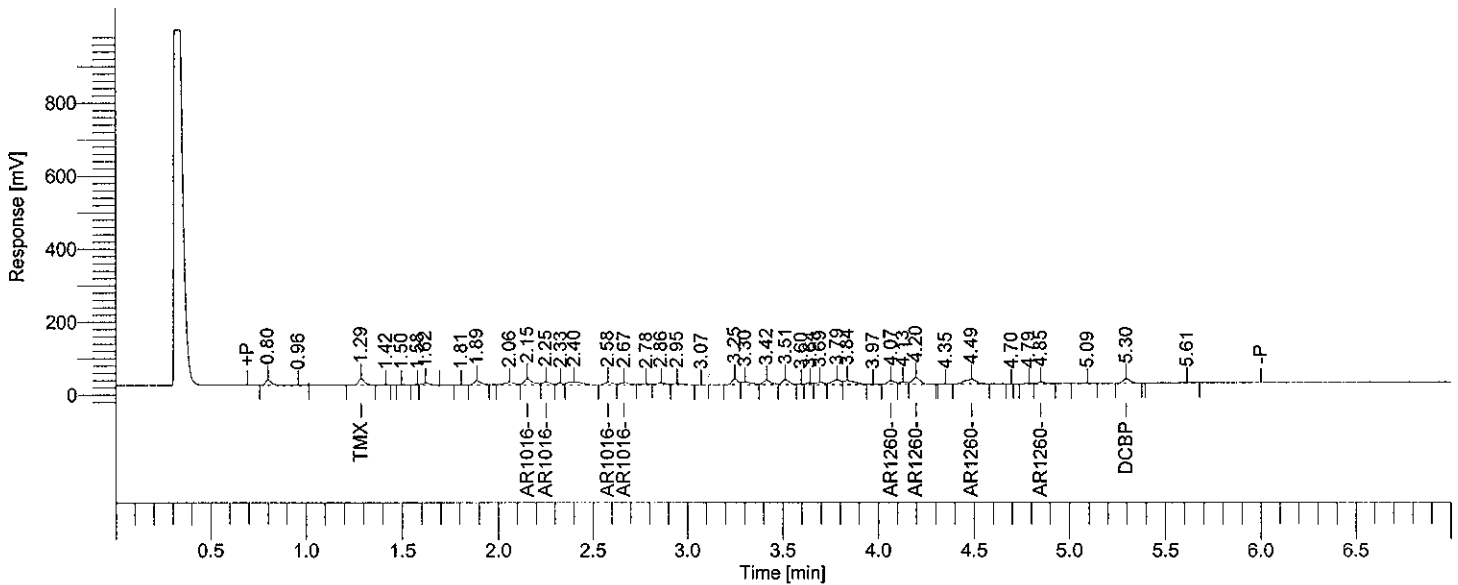
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
31	4.07	BV	41848	AR1260-A	0.05000	0.01250	4
33	4.20	VV	93213	AR1260-B	0.05000	0.01250	4
35	4.49	VE	97228	AR1260-C	0.05000	0.01250	4
39	4.85	VV	23691	AR1260-D	0.05000	0.01250	4
			255980			0.05000	

Sample Name : ICM66TG Sample #: 0.05NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B21030.raw
Date : 03/29/2008 10:41:35 Time of Injection: 03/14/2008 15:54:41
Method : 12DINS Start Time : 0.00 min End Time : 7.00 min Low Point : 3.59 mV High Point : 476.33 mV
Scale Factor: 1.0 Plot Offset: 3.59 mV Plot Scale: 472.7 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:41:42
 Reprocess Number : buf2042: 186111
 Operator : tchrom Sample Name : ICM66TE
 Sample Number : 0.025NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 16:08:53 Cycle : 21

Raw Data File : H:\TURBO6\5890-12\12B21031.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21031.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21031.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21031.rst
 Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B21031.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
3	1.29	VV	37135	TMX	0.00168	-----	0
	2.15		118084	AR1016	0.02500	0.00625	4
	4.20		147693	AR1260	0.02500	0.00625	4
40	5.30	BB	35350	DCBP	0.00204	-----	0
			338264			0.01250	

Processed by: *GD 4/1/08*
 Reviewed by: *DW 4/11/08*

03/29/2008 10:41:42 Result: H:\TURBO6\5890-12\12B21031.rst

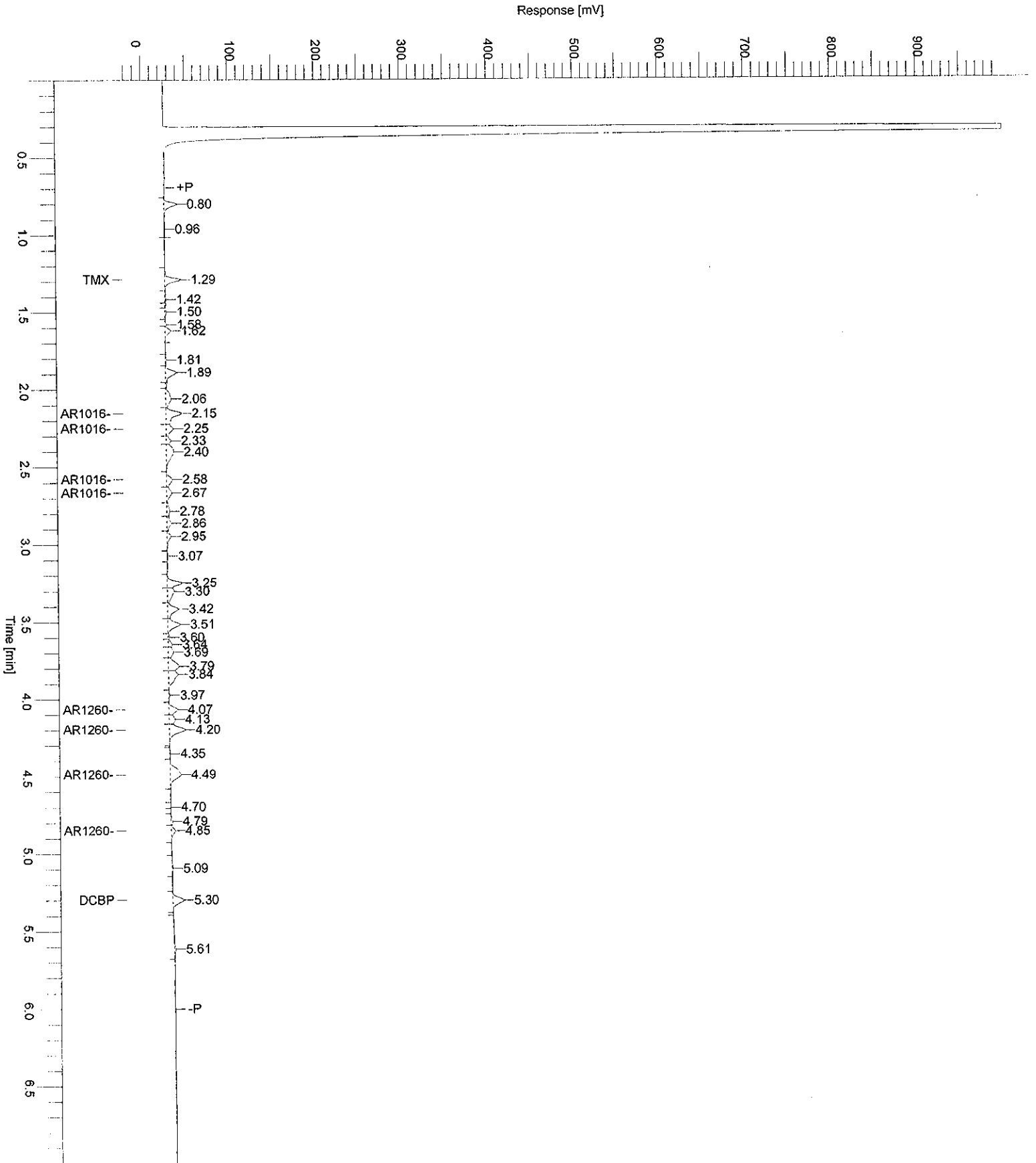
Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.15	VV	54161	AR1016-A	0.02500	0.00625	4
12	2.25	VV	23680	AR1016-B	0.02500	0.00625	4
15	2.58	VV	20353	AR1016-C	0.02500	0.00625	4
16	2.67	VV	19890	AR1016-D	0.02500	0.00625	4
			118084			0.02500	

Group Report For : AR1260

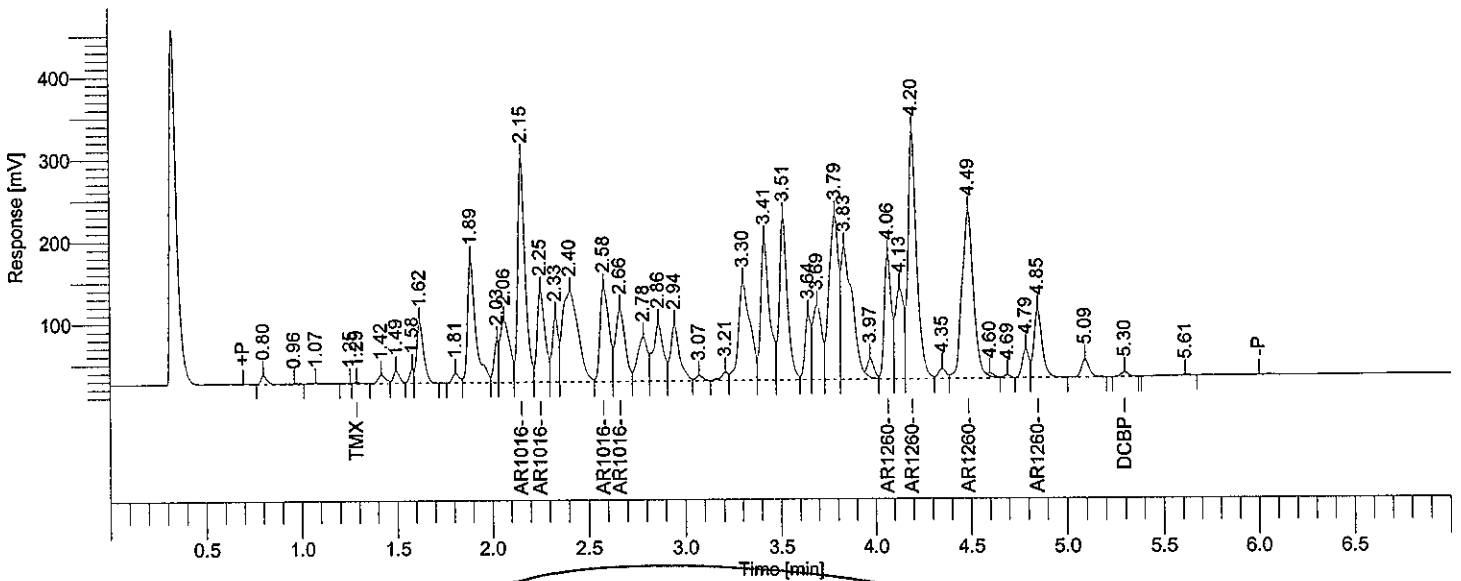
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
31	4.07	BV	25891	AR1260-A	0.02500	0.00625	4
33	4.20	VB	53803	AR1260-B	0.02500	0.00625	4
35	4.49	VB	55086	AR1260-C	0.02500	0.00625	4
38	4.85	VB	12912	AR1260-D	0.02500	0.00625	4
			147693			0.02500	

Sample Name : ICM66TE Sample #: 0.025NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B21031.raw
Date : 03/29/2008 10:41:44 Time of Injection: 03/14/2008 16:08:53
Method : 12DINS Start Time : 0.00 min End Time : 7.00 min Low Point : -22.80 mV High Point : 1000.00 mV
Scale Factor : 1.0 Plot Offset: -22.80 mV Plot Scale: 1022.8 mV



Software Version : 6.2.1.0.104:0104 Date : 04/01/2008 10:51:15
 Reprocess Number : buf2042: 186539
 Operator : tchrom Sample Name : ACM66JB
 Sample Number : 0.6NG Study : ACM
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 16:23:06 Cycle : 1

Raw Data File : H:\TURBO6\5890-12\12B21032.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21032.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21032.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21032.rst
 Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B21032.rst
 Report Format File: h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.15		1723557	AR1016	0.6392	2.6963e+06	3.4471e+06	6.5
4.20		2436721	AR1260	0.6431	3.7889e+06	4.8734e+06	7.2
5.30	BB	15693	DCBP	0.0012	1.2580e+07	31386.6000	99.8
		4175972		1.2836		8.3519e+06	

Handwritten signature and date: 4/1/08

04/01/2008 10:51:15 Result: H:\TURBO6\5890-12\12B21032.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.15	VV	732581	AR1016-A	0.6363	1.1513e+06	1.4652e+06	6.1
2.25	VV	315866	AR1016-B	0.6410	4.9280e+05	6.3173e+05	6.8
2.58	VV	368902	AR1016-C	0.6567	5.6178e+05	7.3780e+05	9.4
2.66	VV	306208	AR1016-D	0.6244	4.9043e+05	6.1242e+05	4.1
				2.5583		3.4471e+06	
		1723557					

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.06	VV	392017	AR1260-A	0.6597	5.9421e+05	7.8403e+05	10.0
4.20	VV	950138	AR1260-B	0.6410	1.4823e+06	1.9003e+06	6.8
4.49	VE	851092	AR1260-C	0.6455	1.3185e+06	1.7022e+06	7.6
4.85	VV	243474	AR1260-D	0.6181	3.9390e+05	4.8695e+05	3.0
				2.5643		4.8734e+06	
		2436721					

Sample Name : ACM66JB

Sample # : 0.6NG

Page 1 of 1

FileName : H:\TURBO6\5890-12\12B21032.raw

Date : 04/01/2008 10:51:17

Method : 12DINS

Time of Injection: 03/14/2008 16:23:06

Start Time : 0.00 min

End Time : 7.00 min

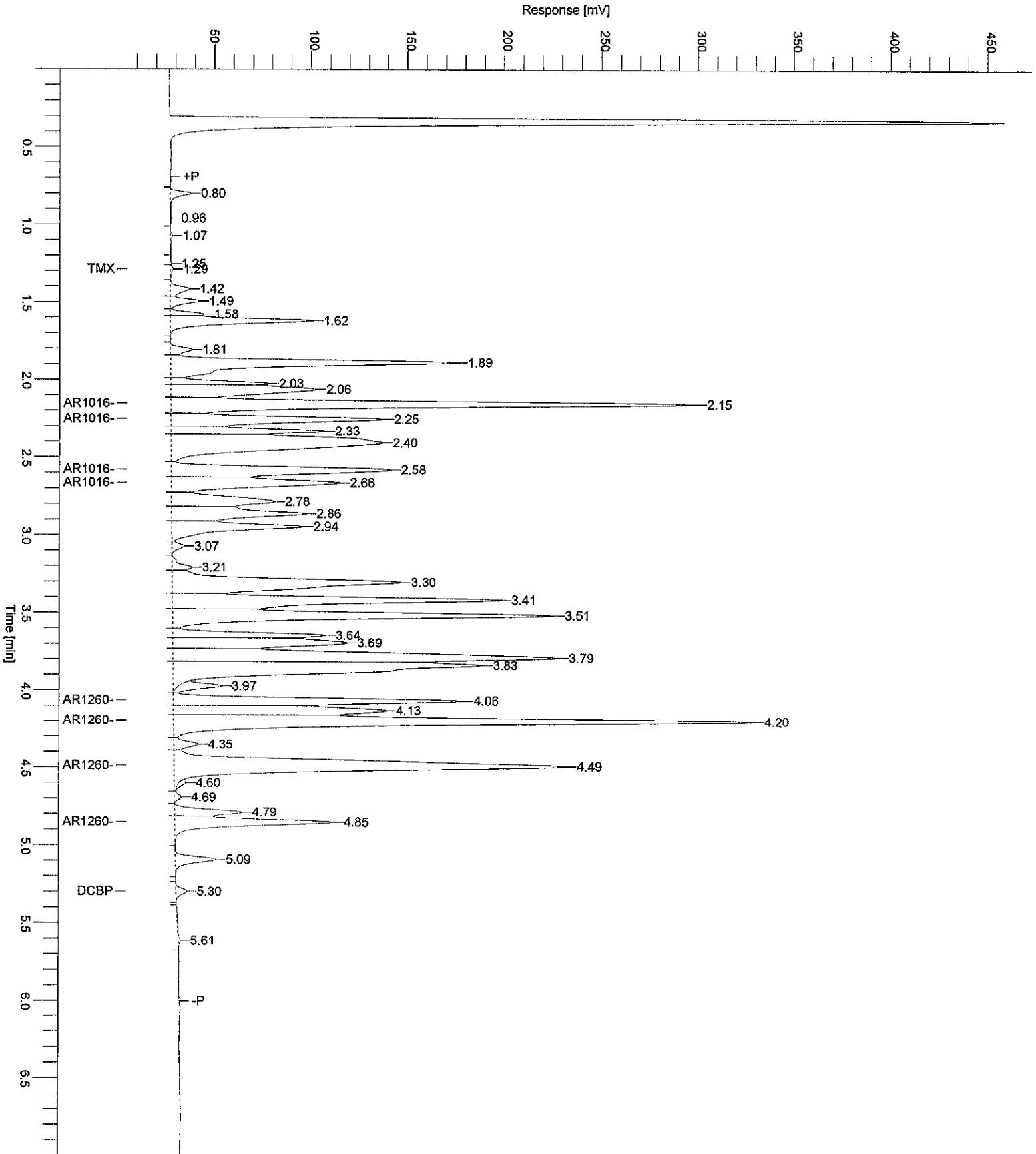
Low Point : 4.77 mV

High Point : 458.29 mV

Scale Factor: 1.0

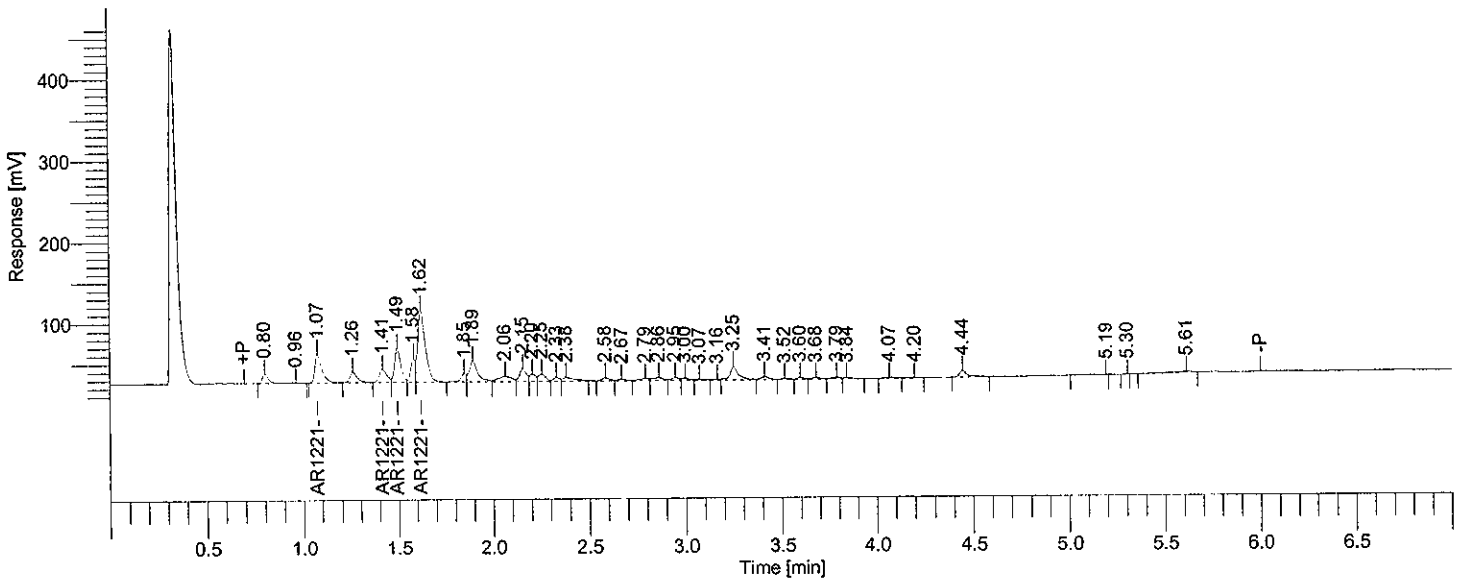
Plot Offset: 4.77 mV

Plot Scale: 453.5 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:38:16
 Reprocess Number : buf2042: 186071
 Operator : tchrom Sample Name : ICM21WA
 Sample Number : 0.5NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 11:24:10 Cycle : 1

Raw Data File : H:\TURBO6\5890-12\12B21011.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21011.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21011.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21011.rst
 Calib Method : h:\turbo6\5890-12\12b-21(03-14-08).mth from H:\TURBO6\5890-12\12B21011.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	1.62		478471	AR1221	0.50000	0.12500	4
			478471			0.12500	

Processed by: BD 4/1/08
 Reviewed by: MS 4/11/08

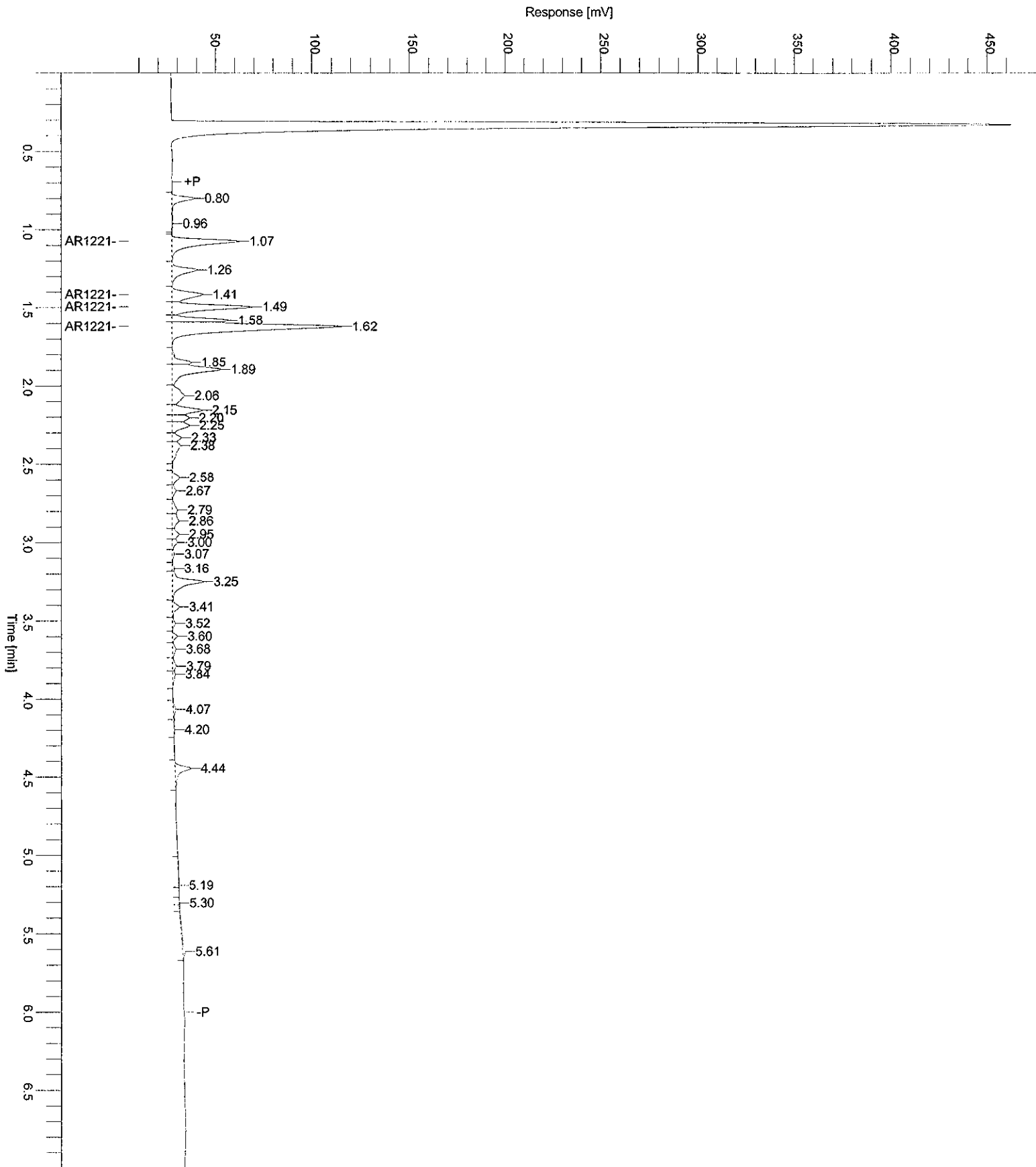
03/29/2008 10:38:16 Result: H:\TURBO6\5890-12\12B21011.rst

Group Report For : AR1221

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
3	1.07	BV	89837	AR1221-A	0.50000	0.12500	4
5	1.41	VV	46104	AR1221-B	0.50000	0.12500	4
6	1.49	VV	94873	AR1221-C	0.50000	0.12500	4
8	1.62	VV	247658	AR1221-D	0.50000	0.12500	4
			478471			0.50000	

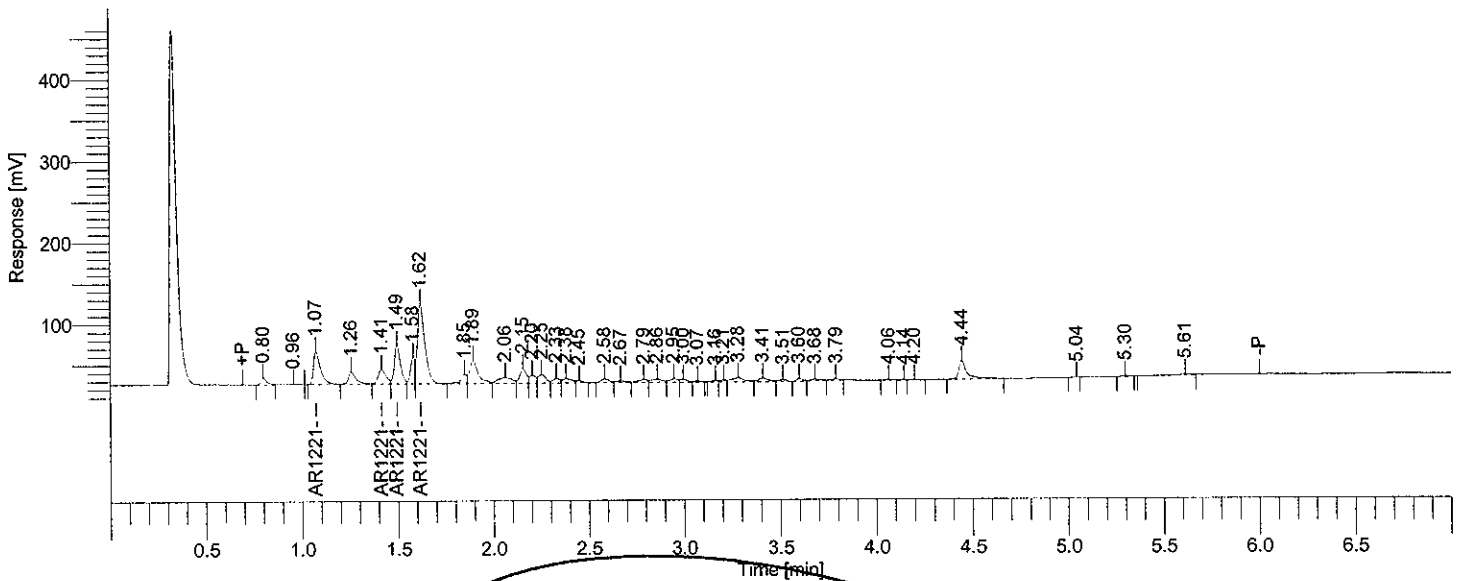
Sample Name : ICM21WA
FileName : H:\TURBO6\5890-12\12B21011.raw
Date : 03/29/2008 10:38:18
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: 0.5NG
Page 1 of 1
Time of Injection: 03/14/2008 11:24:10
End Time : 7.00 min
Low Point : 4.69 mV
High Point : 462.56 mV
Plot Offset: 4.69 mV
Plot Scale: 457.9 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:38:28
 Reprocess Number : buf2042: 186073
 Operator : tchrom Sample Name : ACM21VA
 Sample Number : 0.6NG Study : ACM
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 11:38:27 Cycle : 2

Raw Data File : H:\TURBO6\5890-12\12B21012.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21012.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21012.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21012.rst
 Calib Method : h:\turbo6\5890-12\12b-21(03-14-08).mth from H:\TURBO6\5890-12\12B21012.rst
 Report Format File: h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.62		525016	AR1221	0.5486	9.5694e+05	1.0500e+06	-8.6
		525016		0.5486		1.0500e+06	

4/1/08
 BD

03/29/2008 10:38:28 Result: H:\TURBO6\5890-12\12B21012.rst

Group Report For : AR1221

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.07	VV	101761	AR1221-A	0.5664	1.7967e+05	2.0352e+05	-5.6
1.41	VV	51208	AR1221-B	0.5554	92207.2043	1.0242e+05	-7.4
1.49	VV	106397	AR1221-C	0.5607	1.8975e+05	2.1279e+05	-6.5
1.62	VV	265650	AR1221-D	0.5363	4.9532e+05	5.3130e+05	-10.6
		525016		2.2188		1.0500e+06	

Sample Name : ACM21VA

Sample #: 0.6NG

Page 1 of 1

FileName : H:\TURBO6\5890-12\12B21012.raw

Date : 03/29/2008 10:38:30

Time of Injection: 03/14/2008 11:38:27

Method : 12DINS

Start Time : 0.00 min

End Time : 7.00 min

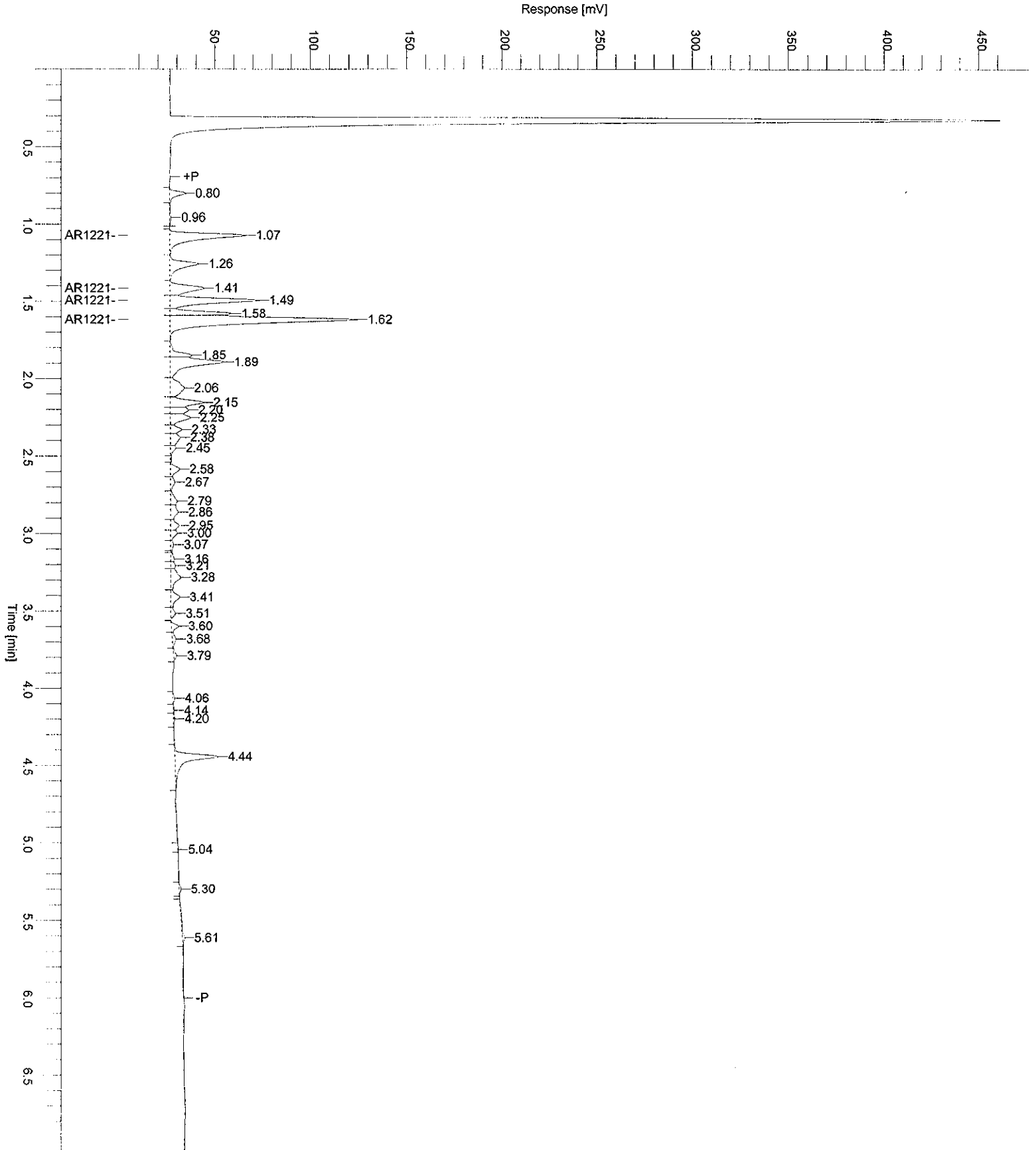
Low Point : 4.36 mV

High Point : 461.46 mV

Scale Factor: 1.0

Plot Offset: 4.36 mV

Plot Scale: 457.1 mV



```

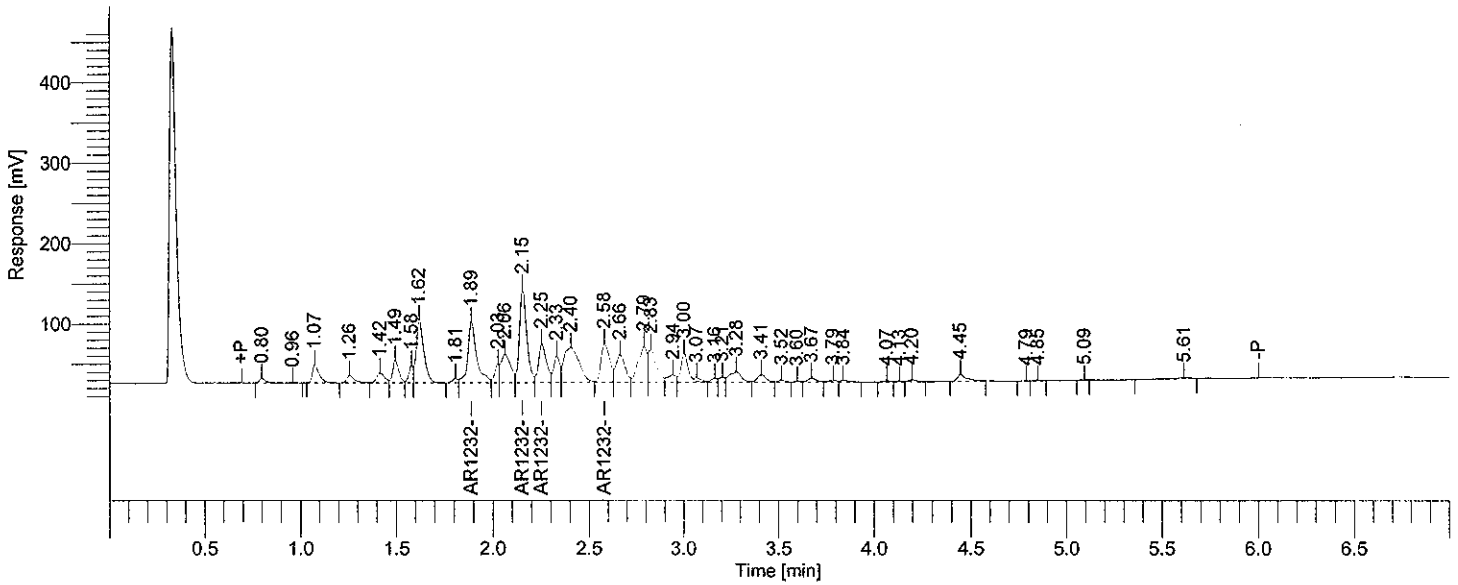
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 186075
Operator          : tchrom
Sample Number     : 0.5NG
AutoSampler       : NONE
Instrument Name   : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 03/14/2008 11:52:39

Date              : 03/29/2008 10:38:41
Sample Name       : ICM32LA
Study             : ICAL
Rack/Vial         : 0/0
Channel           : B
A/D mV Range     : 1000
End Time          : 7.00 min

Area Reject       : 1000.000000
Dilution Factor  : 1.00
Cycle             : 3
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B21013.raw <Modified>
Result File : H:\TURBO6\5890-12\12B21013.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21013.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21013.rst
Calib Method : h:\turbo6\5890-12\12b-32(03-14-08).mth from H:\TURBO6\5890-12\12B21013.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.15		829874	AR1232	0.50000	0.12500	4
			829874			0.12500	

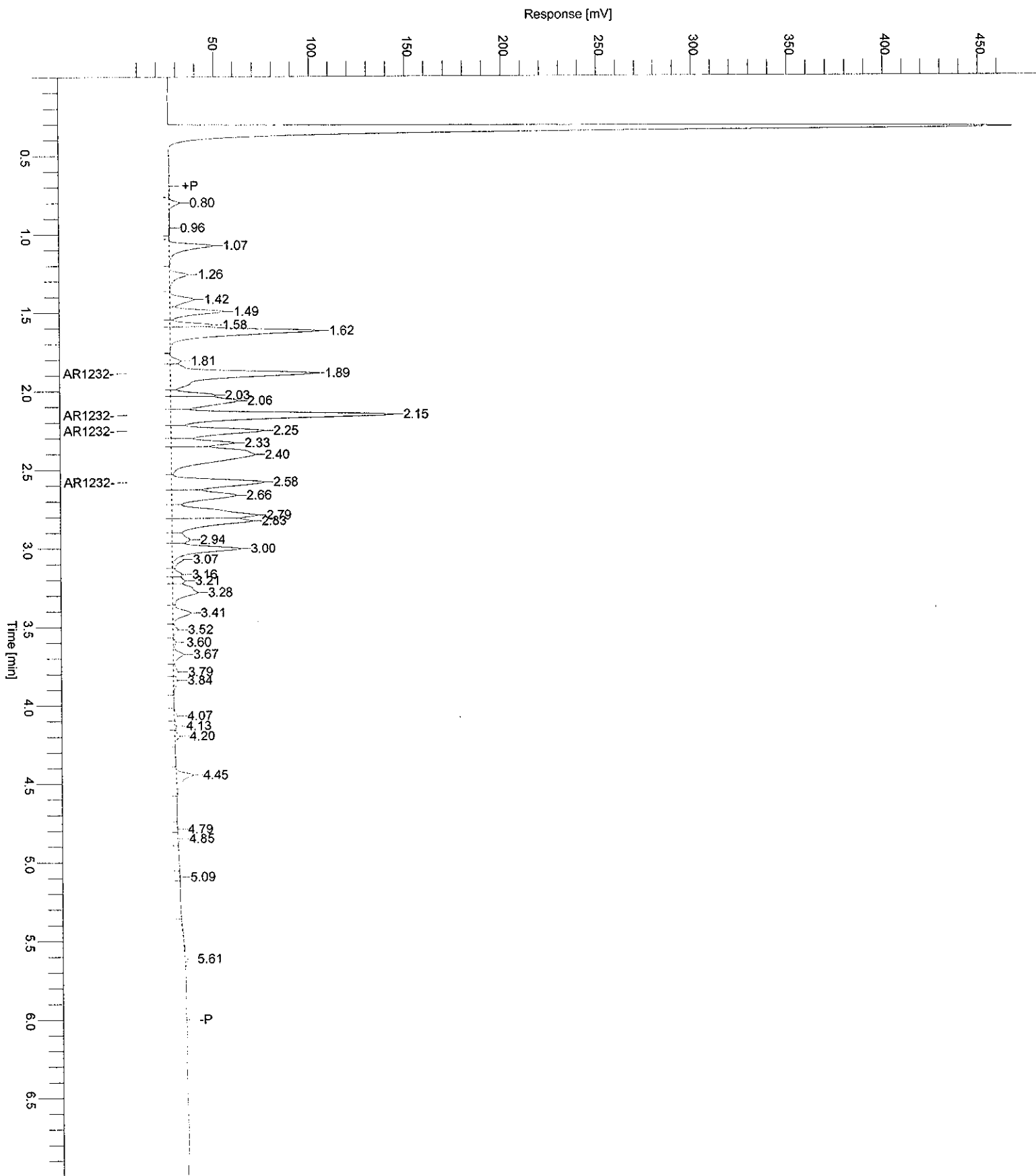
Processed by: *BMD 4/1/08*
 Reviewed by: *AVJ 4/11/08*

03/29/2008 10:38:41 Result: H:\TURBO6\5890-12\12B21013.rst

Group Report For : AR1232

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	1.89	VV	236933	AR1232-A	0.50000	0.12500	4
13	2.15	VV	304879	AR1232-B	0.50000	0.12500	4
14	2.25	VV	136028	AR1232-C	0.50000	0.12500	4
17	2.58	VV	152035	AR1232-D	0.50000	0.12500	4
			829874			0.50000	

Sample Name : ICM32LA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B21013.raw
Date : 03/29/2008 10:38:42
Method : 12DINS Time of Injection: 03/14/2008 11:52:39
Start Time : 0.00 min End Time : 7.00 min Low Point : 3.94 mV High Point : 467.89 mV
Scale Factor: 1.0 Plot Offset: 3.94 mV Plot Scale: 464.0 mV



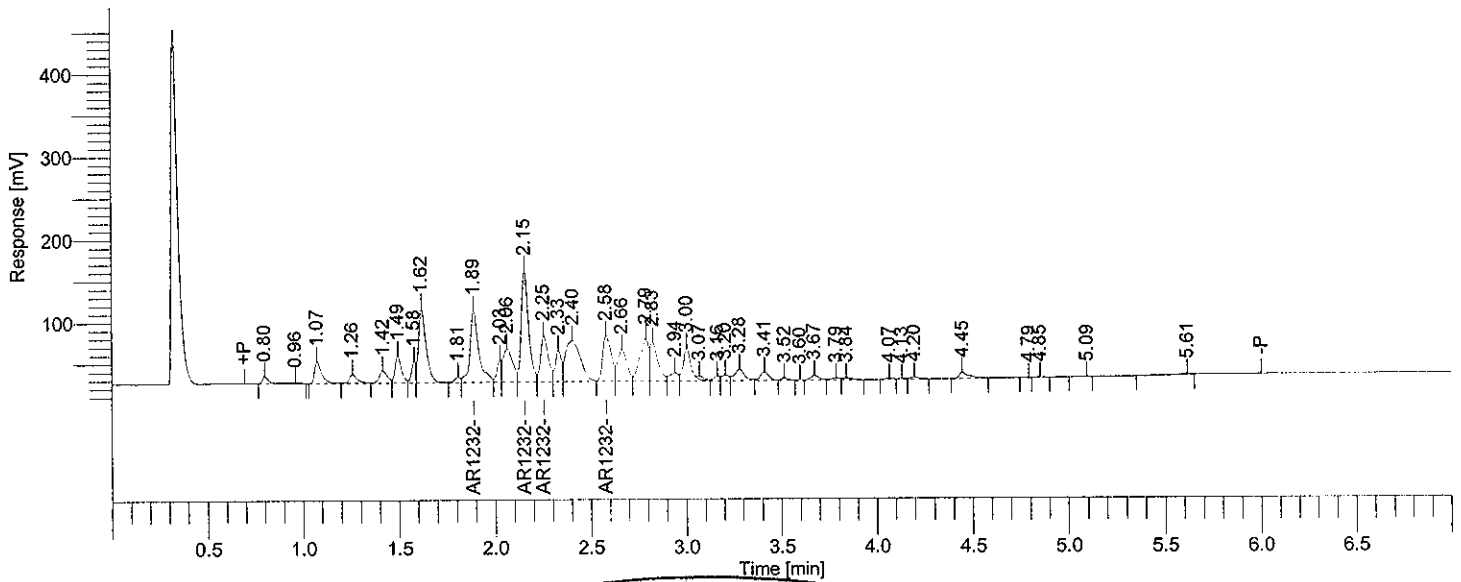
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 186077
Operator          : tchrom
Sample Number     : 0.6NG
AutoSampler       : NONE
Instrument Name    : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 03/14/2008 12:06:54

Date              : 03/29/2008 10:38:52
Sample Name      : ACM32GA
Study           : ACM
Rack/Vial       : 0/0
Channel        : B
A/D mV Range   : 1000
End Time       : 7.00 min
Area Reject    : 8000.000000
Dilution Factor : 1.00
Cycle          : 4
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B21014.raw <Modified>
Result File   : H:\TURBO6\5890-12\12B21014.rst
Inst Method  : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21014.raw
Proc Method  : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21014.rst
Calib Method : h:\turbo6\5890-12\12lb-32(03-14-08).mth from H:\TURBO6\5890-12\12B21014.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.15		955019	AR1232	0.5754	1.6597e+06	1.9100e+06	-4.1
		955019		0.5754		1.9100e+06	

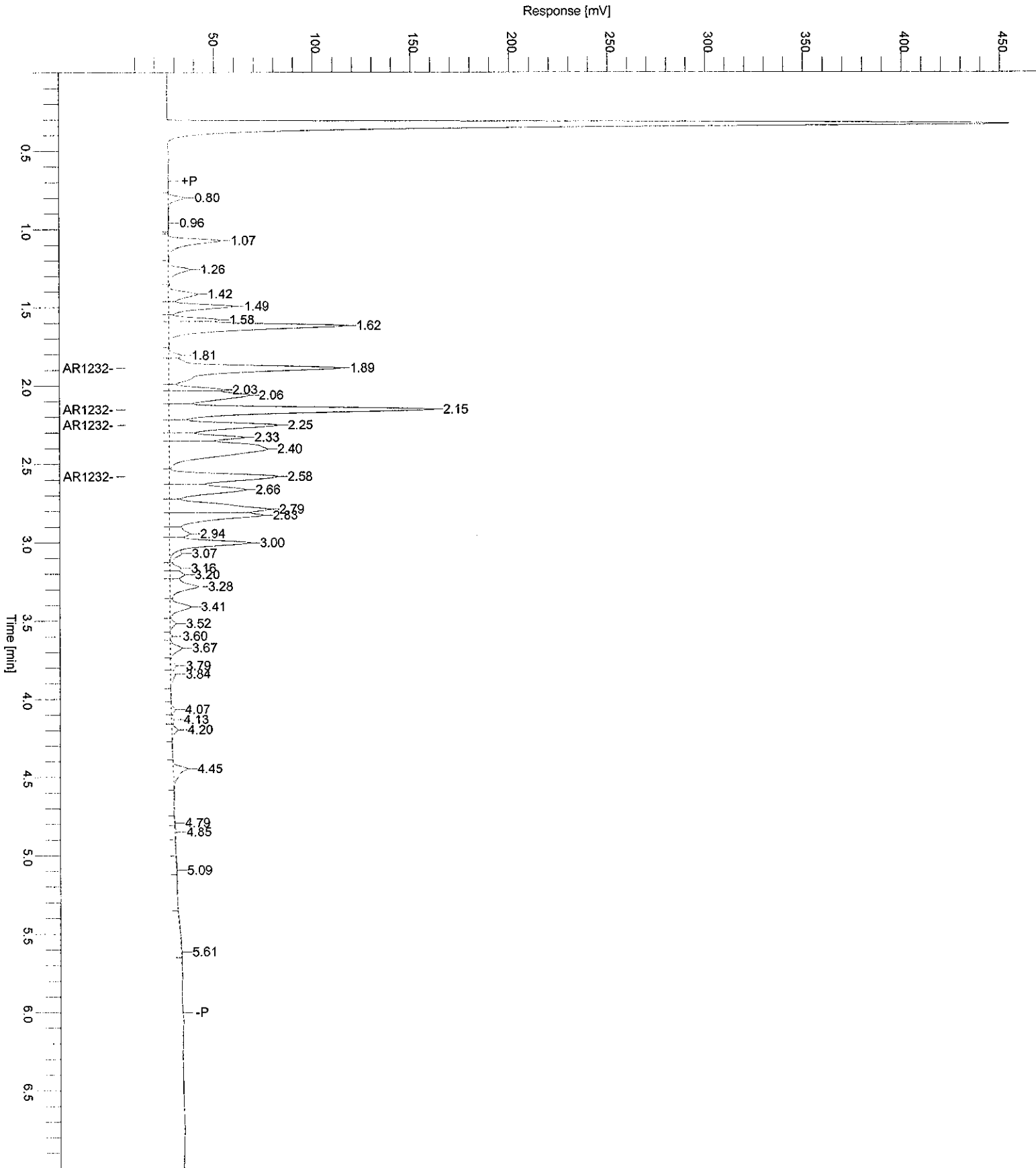
4/1/08
[Signature]

03/29/2008 10:38:52 Result: H:\TURBO6\5890-12\12B21014.rst

Group Report For : AR1232

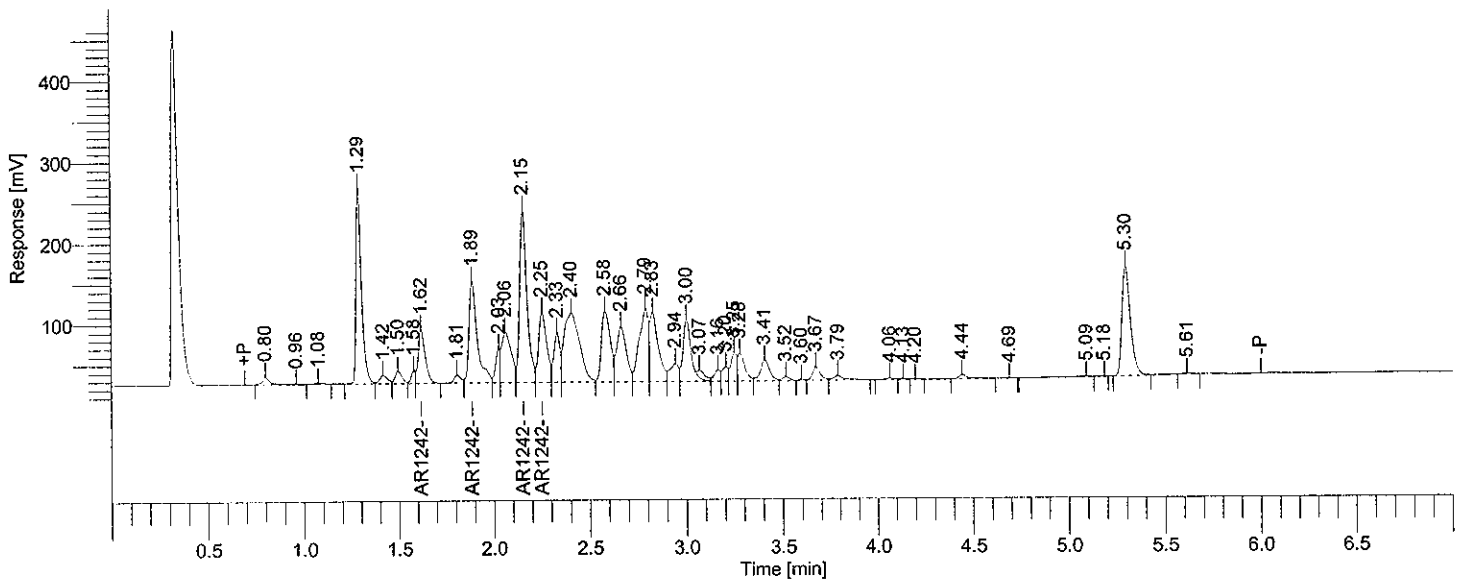
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.89	VV	272730	AR1232-A	0.5755	4.7387e+05	5.4546e+05	-4.1
2.15	VV	353613	AR1232-B	0.5799	6.0976e+05	7.0723e+05	-3.3
2.25	VV	155501	AR1232-C	0.5716	2.7206e+05	3.1100e+05	-4.7
2.58	VV	173175	AR1232-D	0.5695	3.0407e+05	3.4635e+05	-5.1
		955019		2.2966		1.9100e+06	

Sample Name : ACM32GA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO\015890-12\12B21014.raw
Date : 03/29/2008 10:38:54 Time of Injection: 03/14/2008 12:06:54
Method : 12DINS End Time : 7.00 min Low Point : 4.80 mV High Point : 454.79 mV
Start Time : 0.00 min Plot Offset: 4.80 mV Plot Scale: 450.0 mV
Scale Factor: 1.0



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:39:04
 Reprocess Number : buf2042: 186079
 Operator : tchrom Sample Name : ICM42XA
 Sample Number : 0.5NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 12:21:08 Cycle : 5

Raw Data File : H:\TURBO6\5890-12\12B21015.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21015.rst
 Inst Method : H:\TURBO6\5890-12\12D11.D from H:\TURBO6\5890-12\12B21015.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21015.rst
 Calib Method : h:\turbo6\5890-12\12b-42(03-14-08).mth from H:\TURBO6\5890-12\12B21015.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	2.15		1364381	AR1242	0.50000	0.12500	4
			1364381			0.12500	

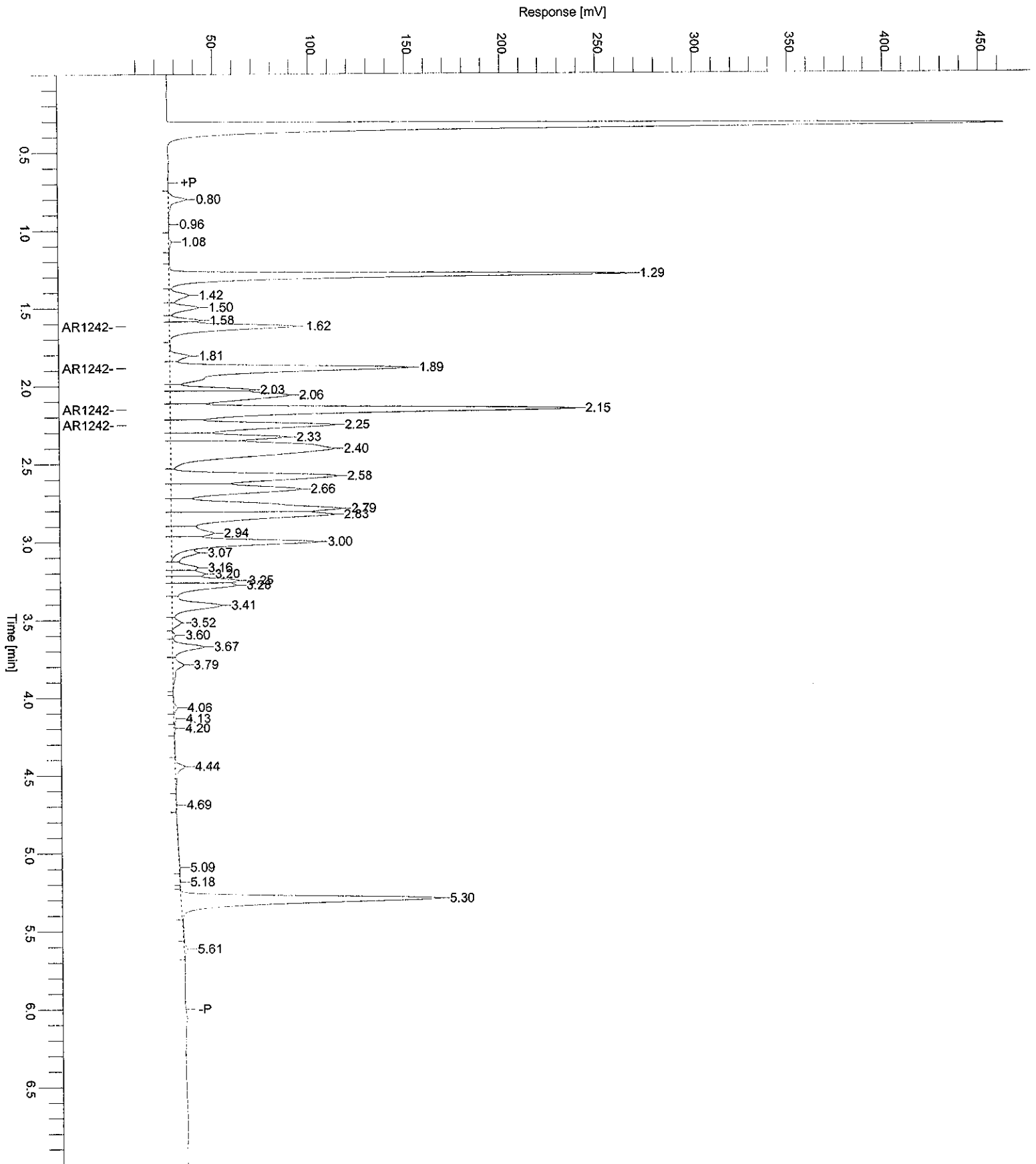
Processed by: BD 4/1/08
 Reviewed by: MJ 4/11/08

03/29/2008 10:39:04 Result: H:\TURBO6\5890-12\12B21015.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	1.62	VV	169384	AR1242-A	0.50000	0.12500	4
10	1.89	VV	374212	AR1242-B	0.50000	0.12500	4
13	2.15	VV	572886	AR1242-C	0.50000	0.12500	4
14	2.25	VV	247899	AR1242-D	0.50000	0.12500	4
			1364381			0.50000	

Sample Name : ICM42XA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO\0615890-1212B21015.raw
Date : 03/29/2008 10:39:06 Time of Injection: 03/14/2008 12:21:08
Method : 12DINS Start Time : 0.00 min End Time : 7.00 min Low Point : 4.37 mV High Point : 463.08 mV
Scale Factor: 1.0 Plot Offset: 4.37 mV Plot Scale: 458.7 mV




```

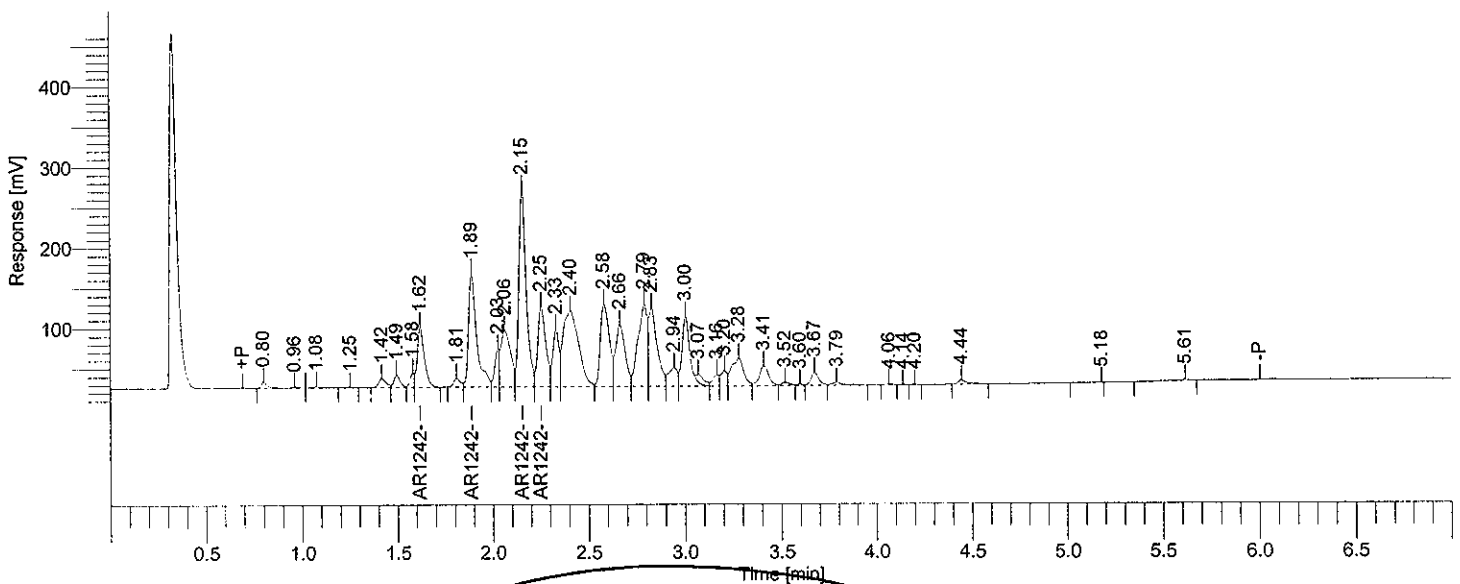
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186081
Operator : tchrom
Sample Number : 0.6NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 12:35:25

Date : 03/29/2008 10:39:15
Sample Name : ACM42TA
Study : ACM
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 6
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B21016.raw <Modified>
Result File : H:\TURBO6\5890-12\12B21016.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21016.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21016.rst
Calib Method : h:\turbo6\5890-12\12b-42(03-14-08).mth from H:\TURBO6\5890-12\12B21016.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.15		1555739	AR1242	0.5701	2.7288e+06	3.1115e+06	-5.0
		1555739		0.5701		3.1115e+06	

Handwritten signature/initials

03/29/2008 10:39:15 Result: H:\TURBO6\5890-12\12B21016.rst

Group Report For : AR1242

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
1.62	VB	190257	AR1242-A	0.5616	3.3877e+05	3.8051e+05	-6.4
1.89	VV	421833	AR1242-B	0.5636	7.4842e+05	8.4367e+05	-6.1
2.15	VV	658337	AR1242-C	0.5746	1.1458e+06	1.3167e+06	-4.2
2.25	VV	285312	AR1242-D	0.5755	4.9580e+05	5.7062e+05	-4.1
		1555739		2.2753		3.1115e+06	

Chromatogram

2643/4151

Sample Name : ACM42TA
File Name : HATURBO615890-1212B21016.raw
Date : 03/29/2008 10:39:17
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0

Sample #: 0.6NG

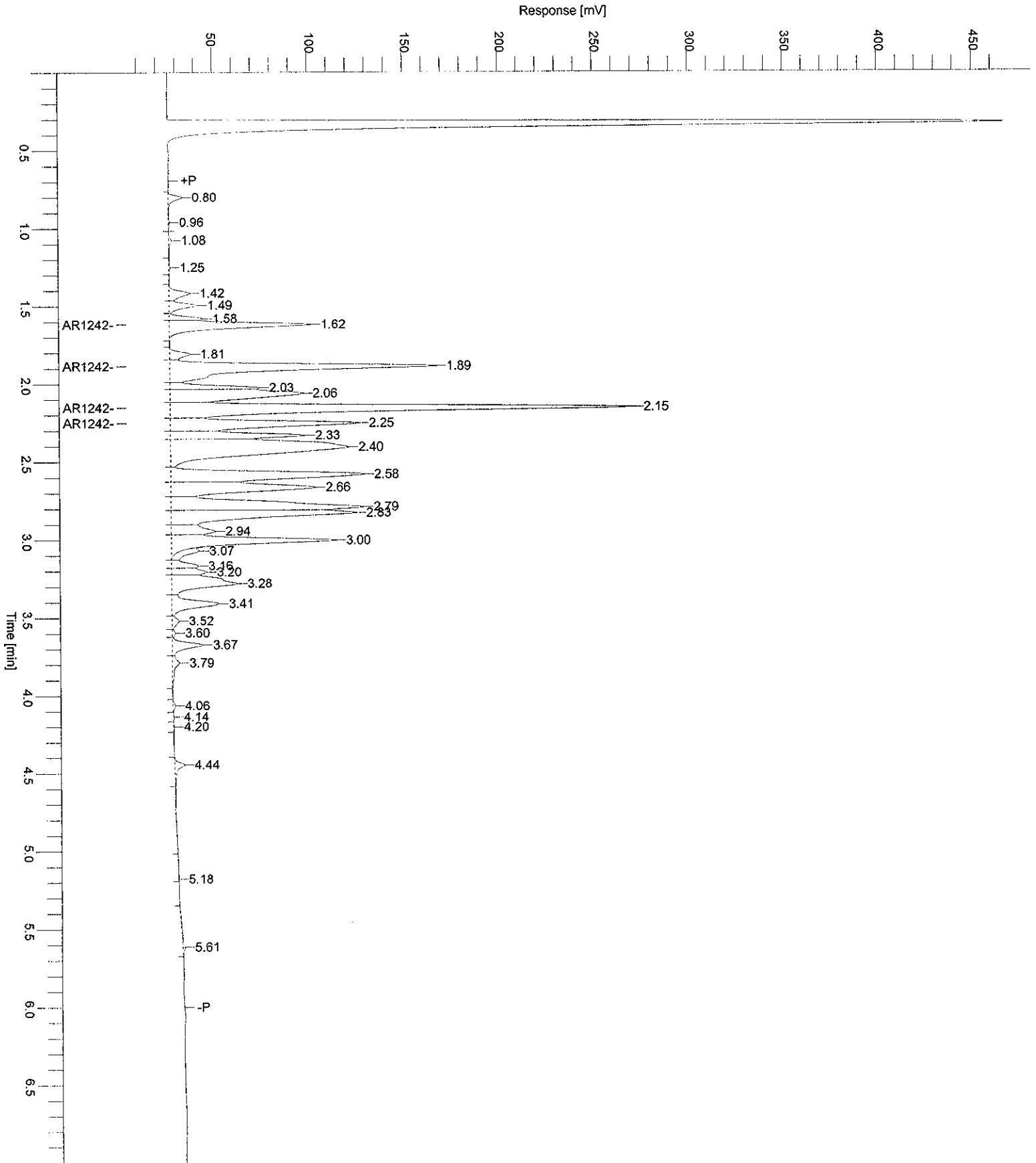
Page 1 of 1

Time of Injection: 03/14/2008 12:35:25

End Time : 7.00 min
Plot Offset: 4.02 mV

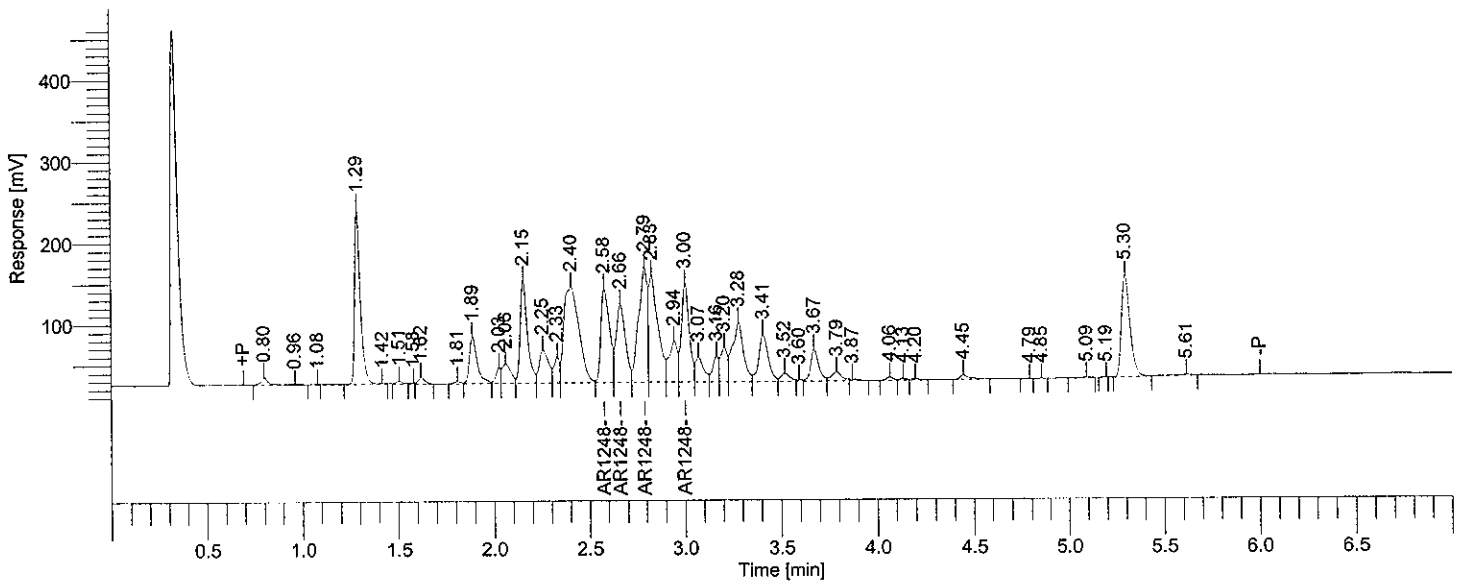
Low Point : 4.02 mV
Plot Scale: 462.8 mV

High Point : 466.84 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:39:27
 Reprocess Number : buf2042: 186083
 Operator : tchrom Sample Name : ICM48WA
 Sample Number : 0.5NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 12:49:39 Cycle : 7

Raw Data File : H:\TURBO6\5890-12\12B21017.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21017.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21017.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21017.rst
 Calib Method : h:\turbo6\5890-12\12b-48(03-14-08).mth from H:\TURBO6\5890-12\12B21017.rst
 Report Format File : h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (4 peaks)	# PEAKS USED
	2.79		1481476	AR1248	0.50000	0.12500	4
			1481476			0.12500	

Processed by: *GAD* 4/1/08
 Reviewed by: *MS* 4/11/08

03/29/2008 10:39:27 Result: H:\TURBO6\5890-12\12B21017.rst

Group Report For : AR1248

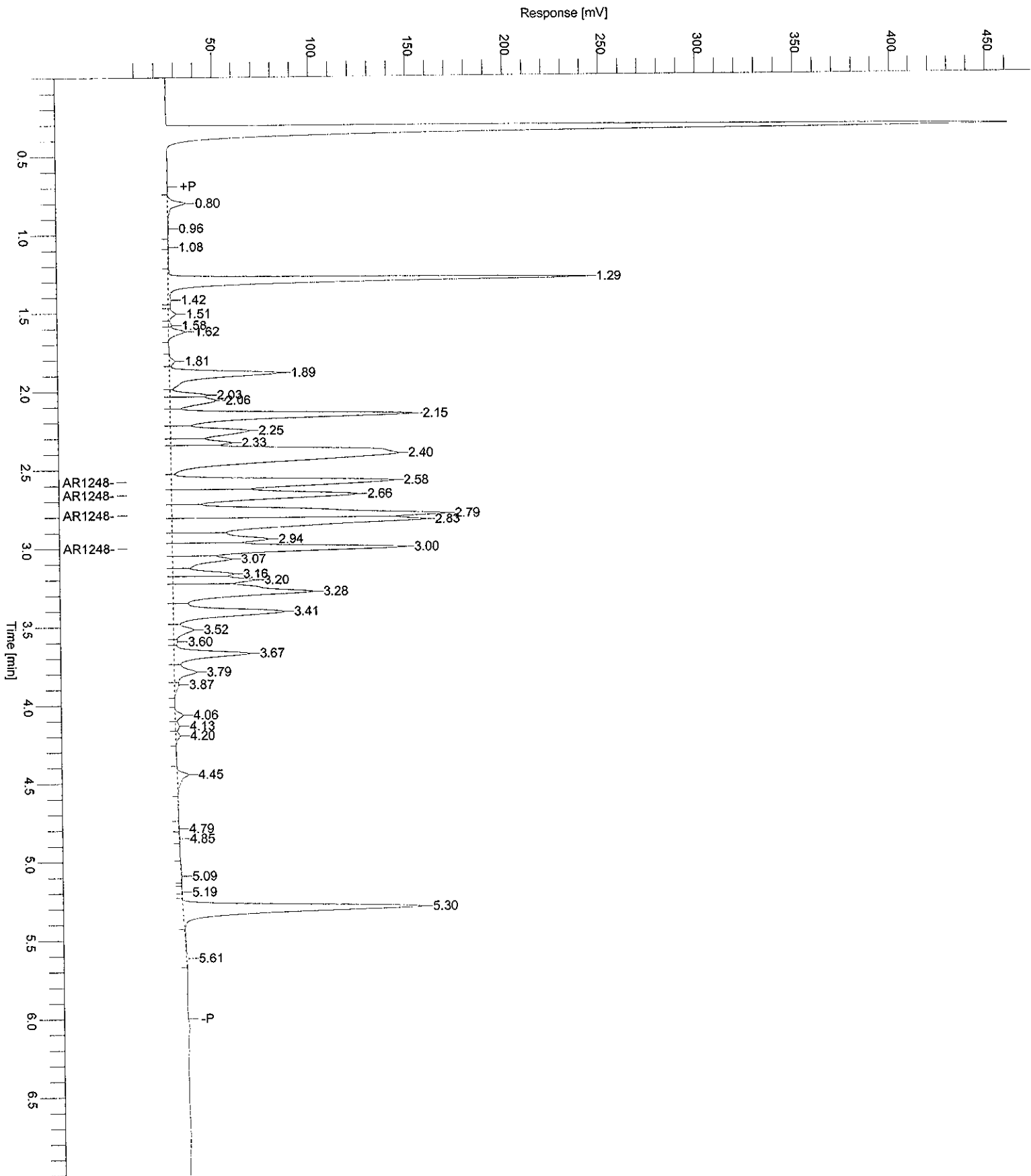
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	2.58	VV	366060	AR1248-A	0.50000	0.12500	4
18	2.66	VV	324673	AR1248-B	0.50000	0.12500	4
19	2.79	VV	453819	AR1248-C	0.50000	0.12500	4
22	3.00	VV	336923	AR1248-D	0.50000	0.12500	4
			1481476			0.50000	

Sample Name : ICM48WA
FileName : H:\TURBO6\5890-12\12B21017.raw
Date : 03/29/2008 10:39:28
Method : 12DINS
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: 0.5NG

Page 1 of 1

Time of Injection: 03/14/2008 12:49:39
End Time : 7.00 min
Low Point: 4.20 mV
High Point : 461.55 mV
Plot Offset: 4.20 mV
Plot Scale: 457.3 mV



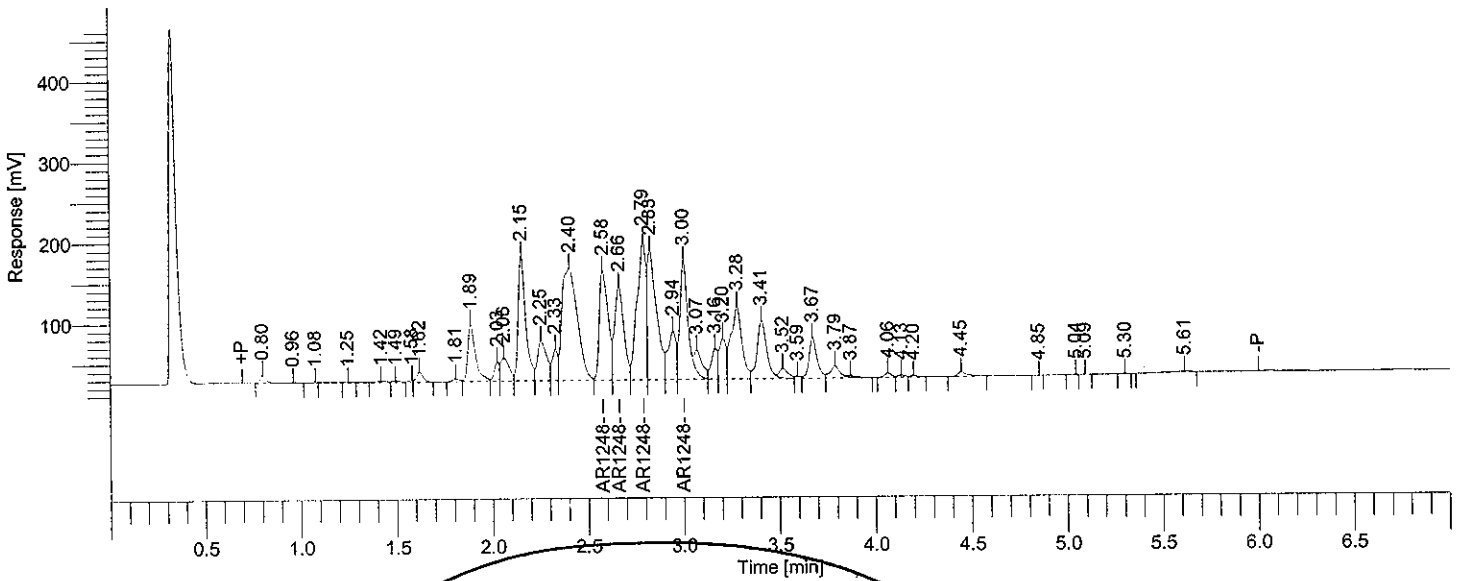
```

Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 186085
Operator : tchrom
Sample Number : 0.6NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 03/14/2008 13:03:54

Date : 03/29/2008 10:39:37
Sample Name : ACM48RA
Study : ACM
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 7.00 min
Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 8
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B21018.raw <Modified>
Result File : H:\TURBO6\5890-12\12B21018.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21018.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21018.rst
Calib Method : h:\turbo6\5890-12\12b-48(03-14-08).mth from H:\TURBO6\5890-12\12B21018.rst
Report Format File : h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.79		1815465	AR1248	0.6127	2.9630e+06	3.6309e+06	2.1
		1815465		0.6127		3.6309e+06	

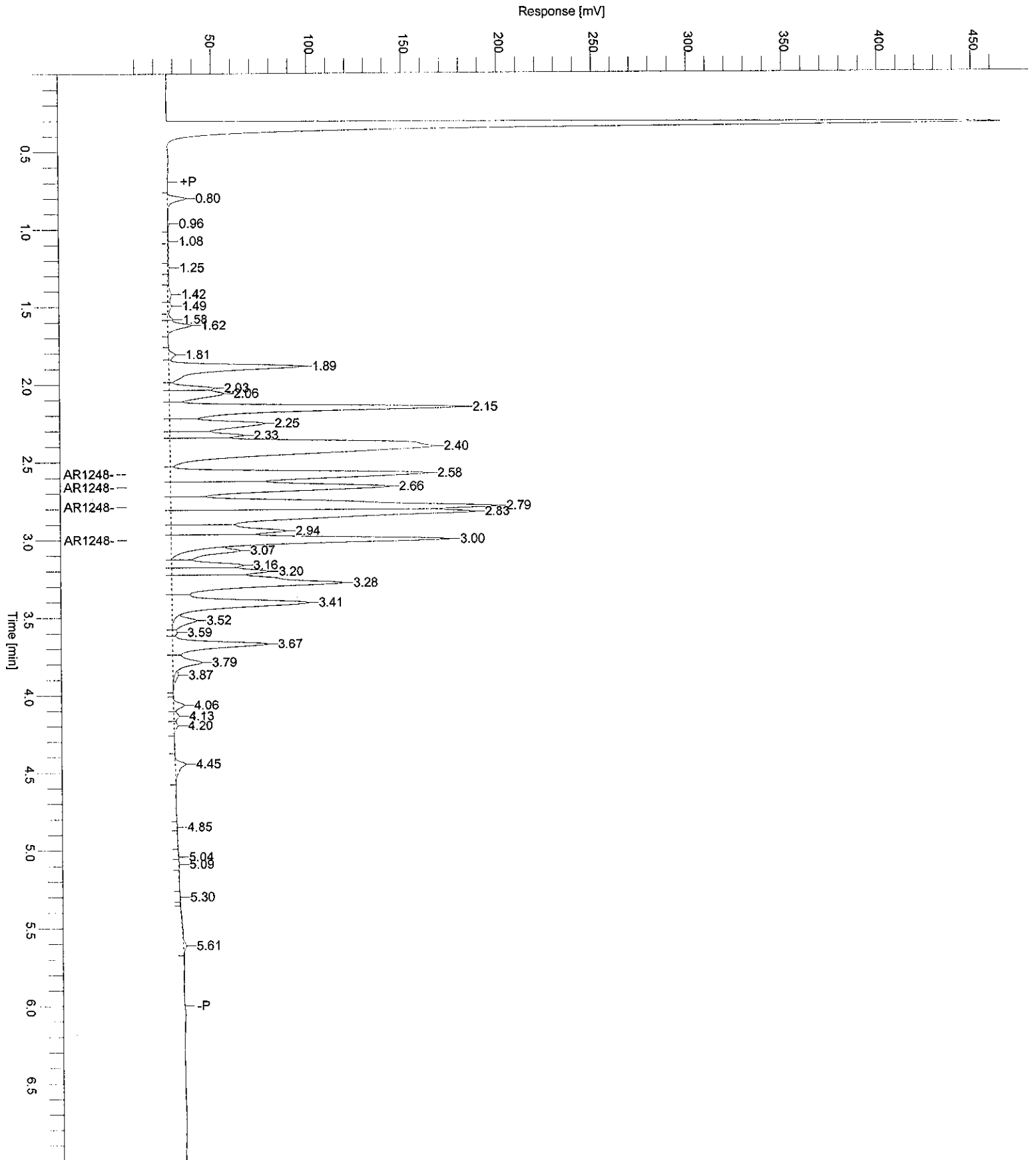
4/1/08
[Signature]

03/29/2008 10:39:37 Result: H:\TURBO6\5890-12\12B21018.rst

Group Report For : AR1248

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
2.58	VV	430998	AR1248-A	0.5887	7.3212e+05	8.6200e+05	-1.9
2.66	VV	389231	AR1248-B	0.5994	6.4935e+05	7.7846e+05	-0.1
2.79	VV	548280	AR1248-C	0.6041	9.0764e+05	1.0966e+06	0.7
3.00	VE	446957	AR1248-D	0.6633	6.7385e+05	8.9391e+05	10.5
		1815465		2.4555		3.6309e+06	

Sample Name : ACM48RA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B21018.raw
Date : 03/29/2008 10:39:39
Method : 12DINS Time of Injection: 03/14/2008 13:03:54
Start Time : 0.00 min End Time : 7.00 min Low Point : 4.59 mV High Point : 465.73 mV
Scale Factor: 1.0 Plot Offset: 4.59 mV Plot Scale: 461.1 mV



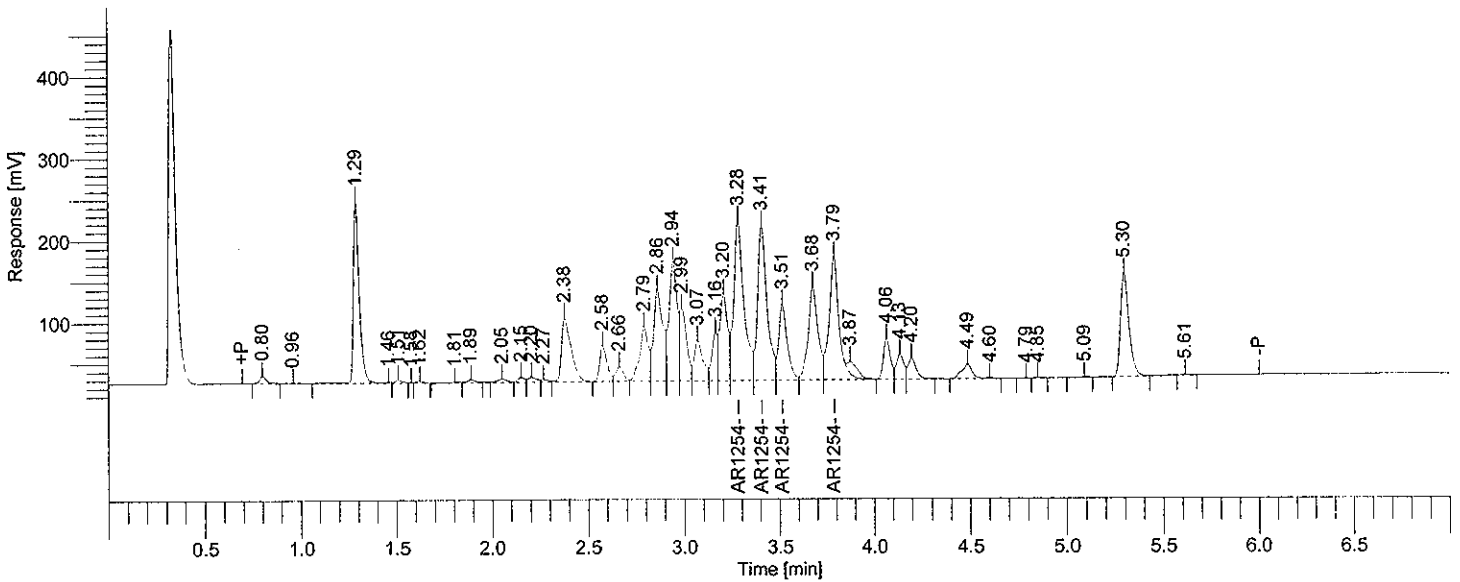
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 186087
Operator          : tchrom
Sample Number     : 0.5NG
AutoSampler       : NONE
Instrument Name   : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 03/14/2008 13:18:06

Date              : 03/29/2008 10:39:48
Sample Name      : ICM54AA
Study            : ICAL
Rack/Vial        : 0/0
Channel          : B
A/D mV Range    : 1000
End Time         : 7.00 min
Area Reject     : 1000.000000
Dilution Factor : 1.00
Cycle           : 9
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B21019.raw <Modified>
Result File   : H:\TURBO6\5890-12\12B21019.rst
Inst Method   : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21019.raw
Proc Method   : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21019.rst
Calib Method  : h:\turbo6\5890-12\12b-54(03-14-08).mth from H:\TURBO6\5890-12\12B21019.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	3.28		2209636	AR1254	0.50000	0.12500	4
			2209636			0.12500	

Processed by: *BAO* 4/1/08
 Reviewed by: *NY* 4/11/08

03/29/2008 10:39:48 Result: H:\TURBO6\5890-12\12B21019.rst

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
24	3.28	VV	719223	AR1254-A	0.50000	0.12500	4
25	3.41	VV	647621	AR1254-B	0.50000	0.12500	4
26	3.51	VV	292193	AR1254-C	0.50000	0.12500	4
28	3.79	VE	550598	AR1254-D	0.50000	0.12500	4
			2209636			0.50000	

Chromatogram

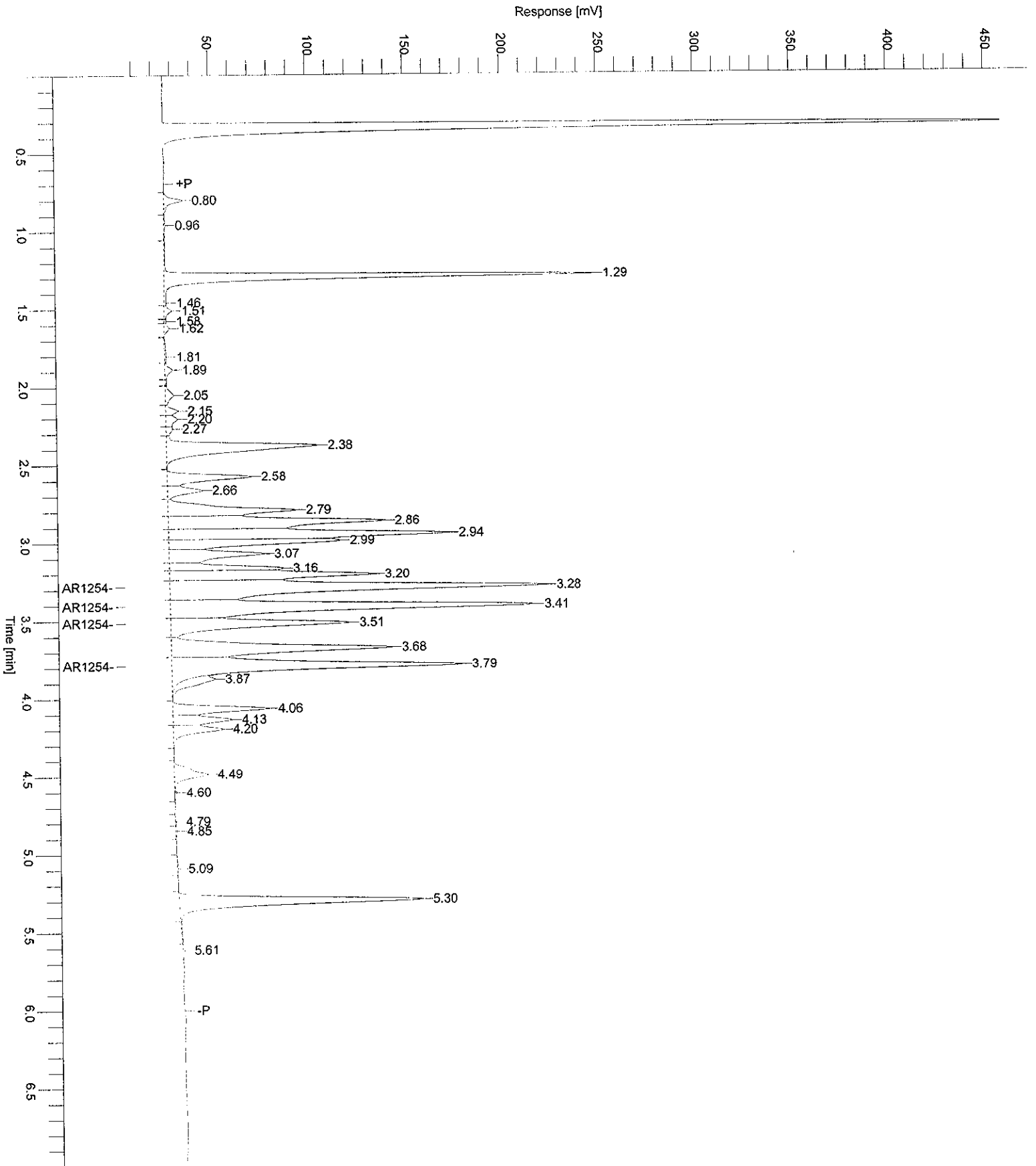
2652/4151

Sample Name : ICM54AA
FileName : H:\TURBO6\5890-12\12B21019.raw
Date : 03/29/2008 10:39:50
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0

Sample #: 0.5NG

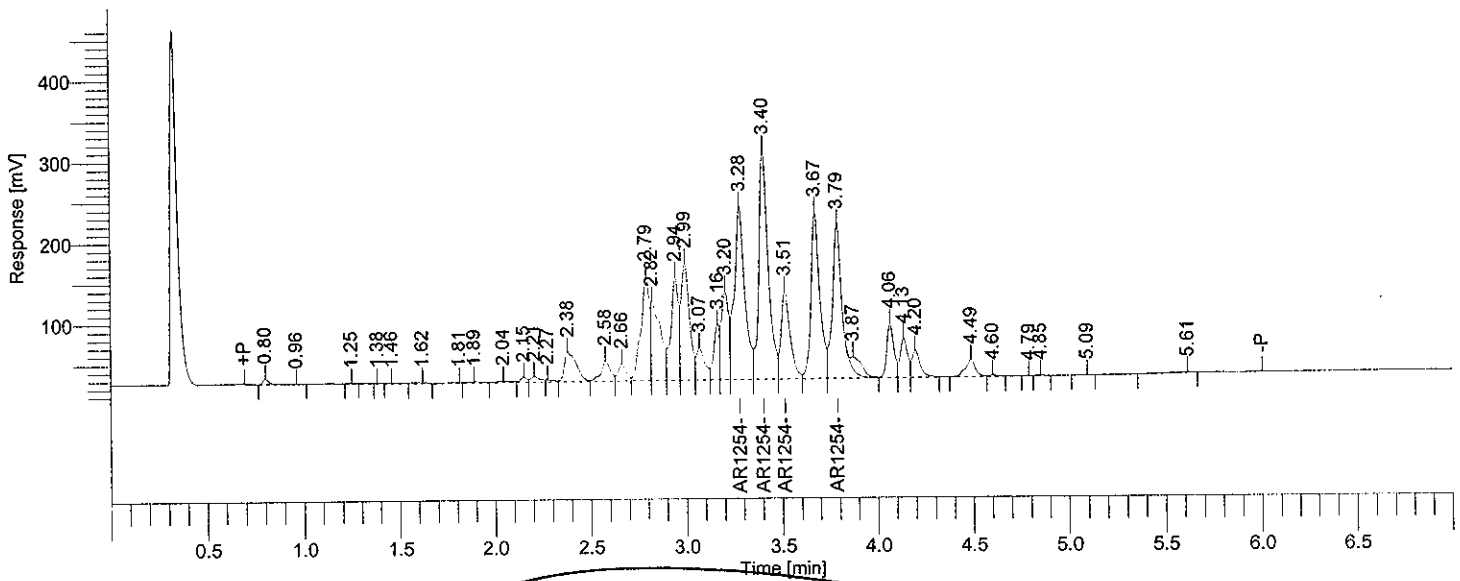
Page 1 of 1

Time of Injection: 03/14/2008 13:18:06
End Time : 7.00 min
Low Point : 4.50 mV
High Point : 458.88 mV
Plot Offset: 4.50 mV
Plot Scale: 454.4 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:39:58
 Reprocess Number : buf2042: 186089
 Operator : tchrom Sample Name : ACM54YA
 Sample Number : 0.6NG Study : ACM
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 13:32:23 Cycle : 10

Raw Data File : H:\TURBO6\5890-12\12B21020.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21020.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21020.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21020.rst
 Calib Method : h:\turbo6\5890-12\12b-54(03-14-08).mth from H:\TURBO6\5890-12\12B21020.rst
 Report Format File : h:\turbo6\default\acm-%d.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.40		2790347	AR1254	0.6314	4.4193e+06	5.5807e+06	5.2
		2790347		0.6314		5.5807e+06	

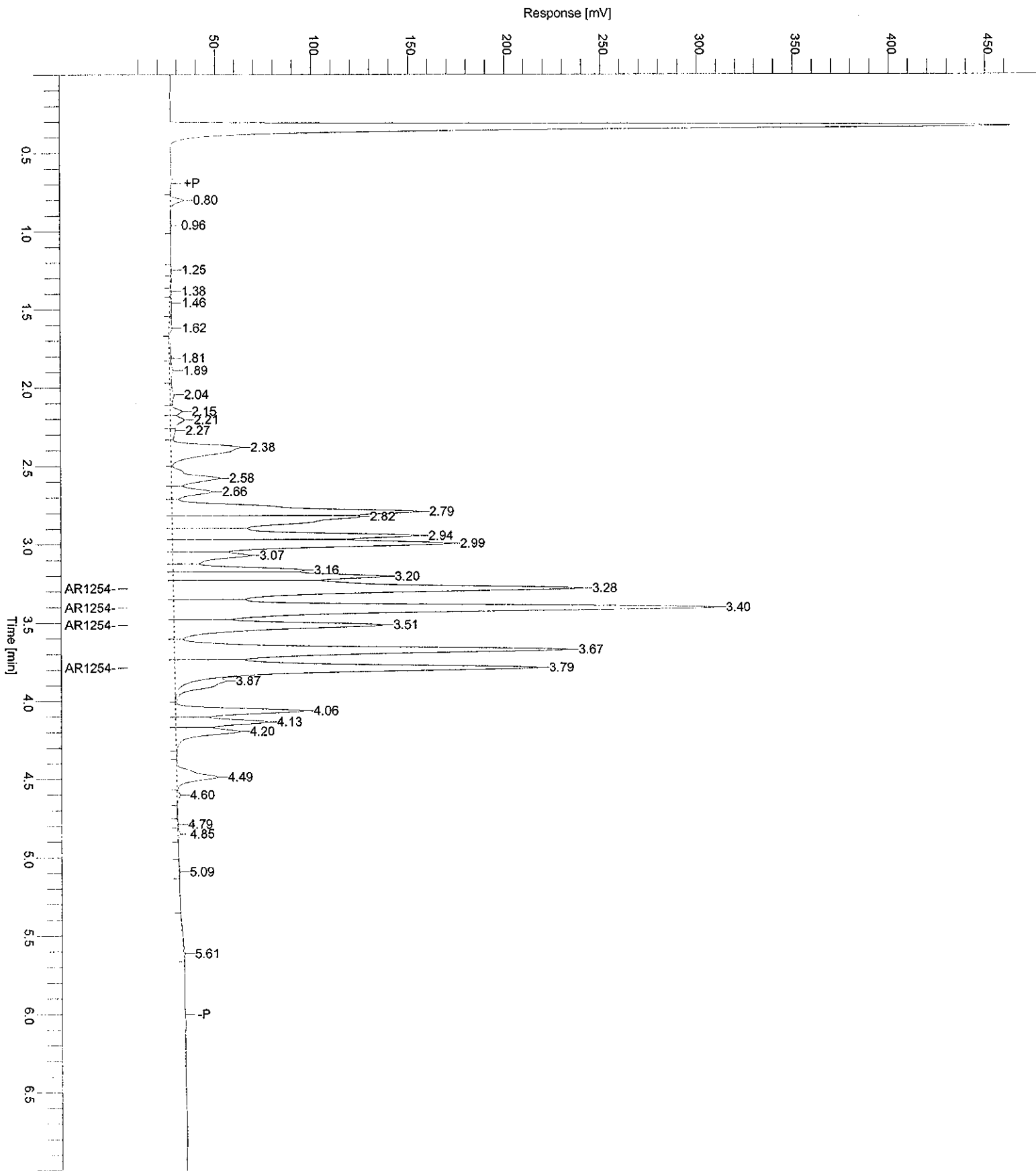
4/1/08
 (Signature)

03/29/2008 10:39:58 Result: H:\TURBO6\5890-12\12B21020.rst

Group Report For : AR1254

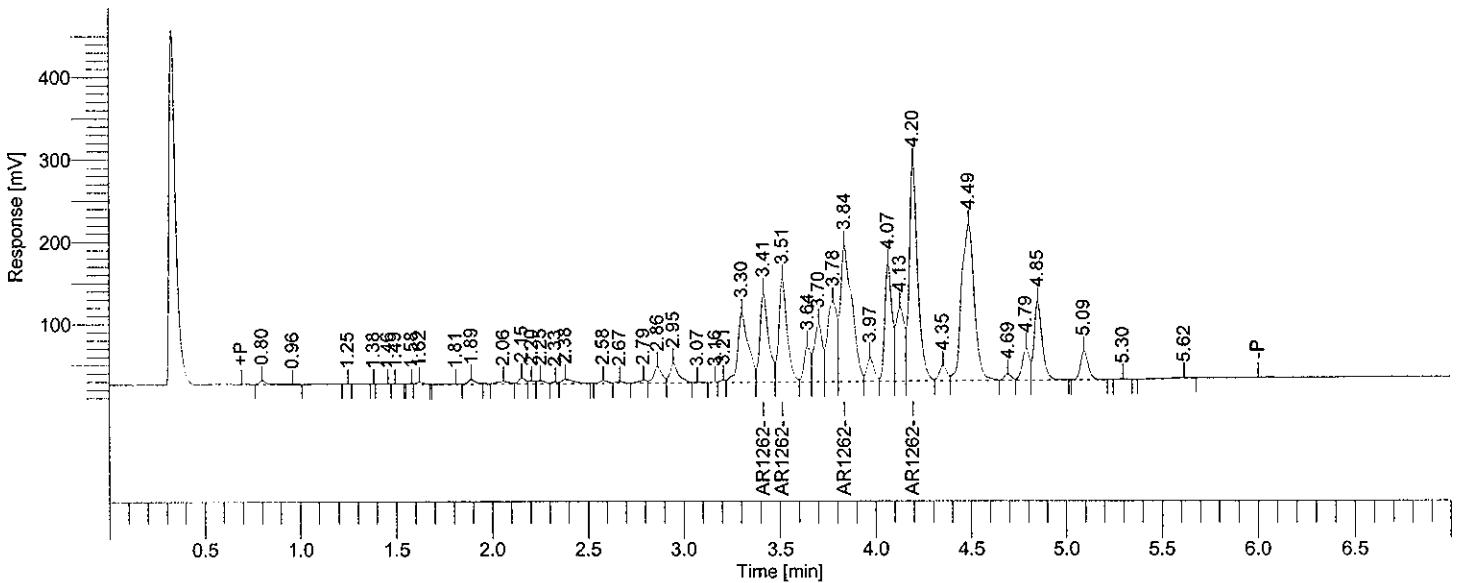
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.28	VV	813850	AR1254-A	0.5658	1.4384e+06	1.6277e+06	-5.7
3.40	VV	951317	AR1254-B	0.7345	1.2952e+06	1.9026e+06	22.4
3.51	VV	352312	AR1254-C	0.6029	5.8439e+05	7.0462e+05	0.5
3.79	VE	672868	AR1254-D	0.6110	1.1012e+06	1.3457e+06	1.8
		2790347		2.5142		5.5807e+06	

Sample Name : ACM54YA Sample #: 0.6NG Page 1 of 1
File Name : H:\TURBO6\5890-12\12B21020.raw
Date : 03/29/2008 10:39:59
Method : 12DINS Time of Injection: 03/14/2008 13:32:23
Start Time : 0.00 min End Time : 7.00 min Low Point : 3.79 mV High Point : 462.98 mV
Scale Factor : 1.0 Plot Offset: 3.79 mV Plot Scale: 459.2 mV



Software Version : 6.2.1.0.104:0104 Date : 03/29/2008 10:40:09
 Reprocess Number : buf2042: 186091
 Operator : tchrom Sample Name : ICM62EA
 Sample Number : 0.5NG Study : ICAL
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 03/14/2008 13:46:37 Cycle : 11

Raw Data File : H:\TURBO6\5890-12\12B21021.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B21021.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21021.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21021.rst
 Calib Method : h:\turbo6\5890-12\12b-62(03-14-08).mth from H:\TURBO6\5890-12\12B21021.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D21.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	4.20		2221050	AR1262	0.50000	0.12500	4
			2221050			0.12500	

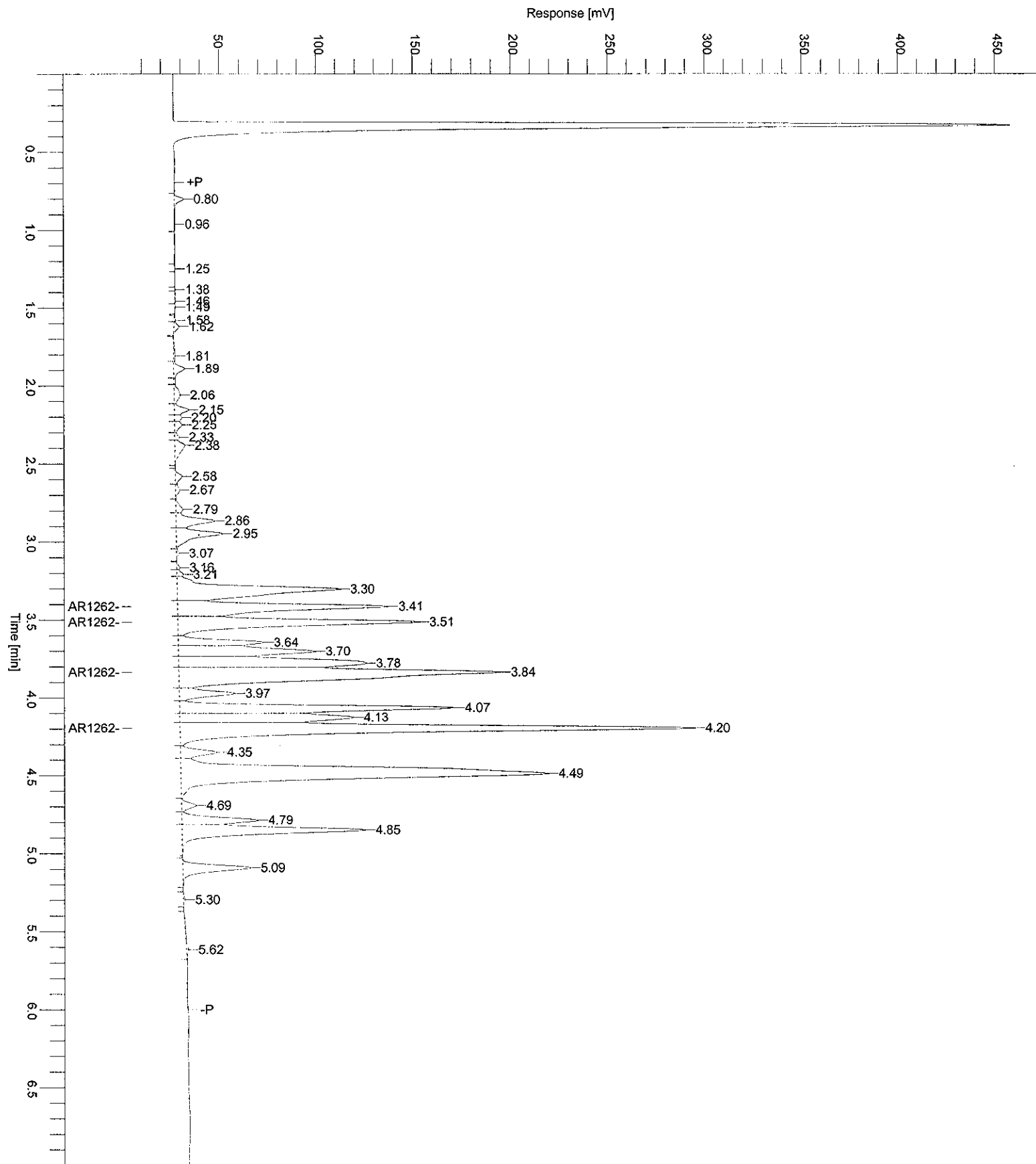
Processed by: *BTD 4/1/08*
 Reviewed by: *AMY 4/11/08*

03/29/2008 10:40:09 Result: H:\TURBO6\5890-12\12B21021.rst

Group Report For : AR1262

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
26	3.41	VV	337943	AR1262-A	0.50000	0.12500	4
27	3.51	VV	372738	AR1262-B	0.50000	0.12500	4
31	3.84	VV	687265	AR1262-C	0.50000	0.12500	4
35	4.20	VV	823104	AR1262-D	0.50000	0.12500	4
			2221050			0.50000	

Sample Name : ICM62EA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B21021.raw
Date : 03/29/2008 10:40:10 Time of Injection: 03/14/2008 13:46:37
Method : 12DINS
Start Time : 0.00 min End Time : 7.00 min Low Point : 4.64 mV High Point : 457.99 mV
Scale Factor: 1.0 Plot Offset: 4.64 mV Plot Scale: 453.3 mV



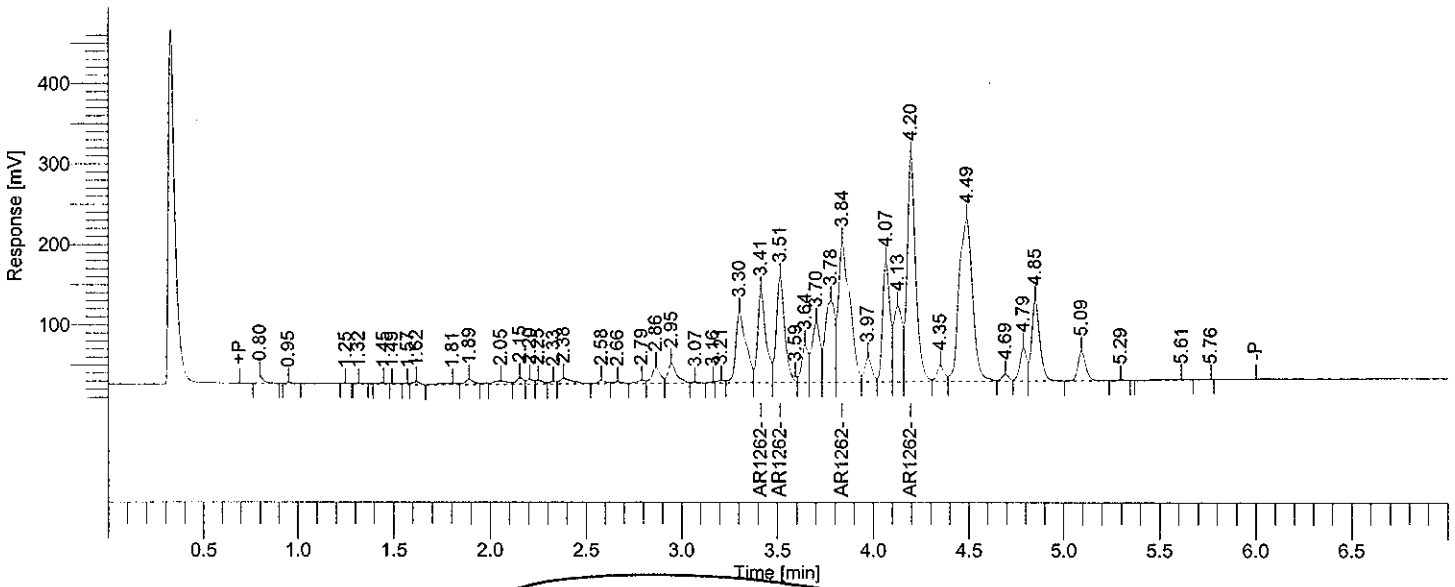
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 186093
Operator          : tchrom
Sample Number     : 0.6NG
AutoSampler       : NONE
Instrument Name   : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 03/14/2008 14:00:53

Date              : 03/29/2008 10:40:17
Sample Name      : ACM62EA
Study            : ACM
Rack/Vial        : 0/0
Channel          : B
A/D mV Range     : 1000
End Time         : 7.00 min
Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 12
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B21022.raw <Modified>
Result File   : H:\TURBO6\5890-12\12B21022.rst
Inst Method   : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21022.raw
Proc Method   : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21022.rst
Calib Method  : h:\turbo6\5890-12\12b-62(03-14-08).mth from H:\TURBO6\5890-12\12B21022.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.20		2329405	AR1262	0.5244	4.4421e+06	4.6588e+06	-12.6
		2329405		0.5244		4.6588e+06	

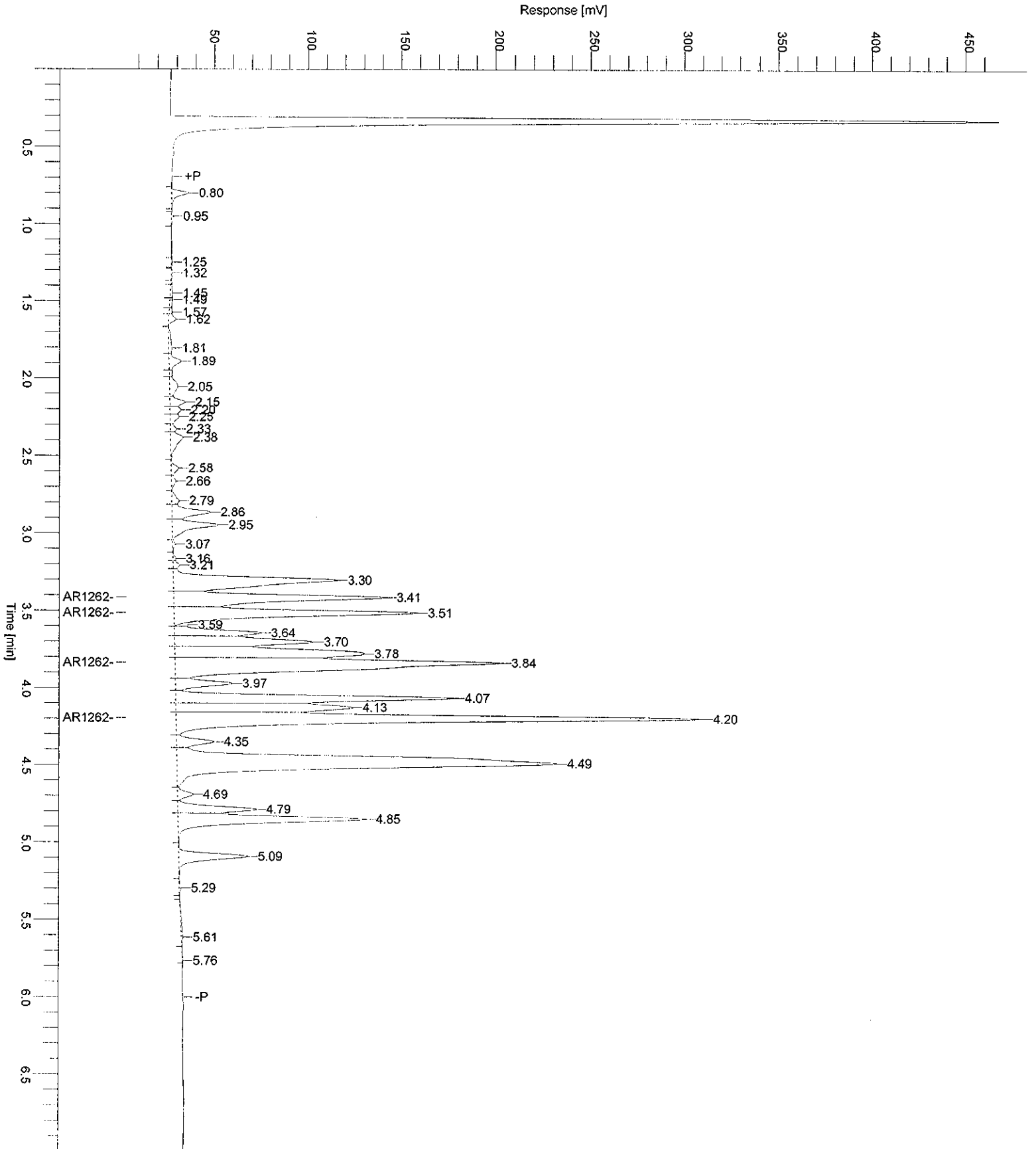
4/1/08
(87)

03/29/2008 10:40:17 Result: H:\TURBO6\5890-12\12B21022.rst

Group Report For : AR1262

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
3.41	VV	353191	AR1262-A	0.5226	6.7589e+05	7.0638e+05	-12.9
3.51	VE	382509	AR1262-B	0.5131	7.4548e+05	7.6502e+05	-14.5
3.84	VV	723847	AR1262-C	0.5266	1.3745e+06	1.4477e+06	-12.2
4.20	VV	869857	AR1262-D	0.5284	1.6462e+06	1.7397e+06	-11.9
		2329405		2.0907		4.6588e+06	

Sample Name : ACM62EA Sample #: 0.6NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B21022.raw
Date : 03/29/2008 10:40:19 Time of Injection: 03/14/2008 14:00:53
Method : 12DINS Start Time : 0.00 min End Time : 7.00 min Low Point : 3.44 mV High Point : 467.51 mV
Scale Factor: 1.0 Plot Offset: 3.44 mV Plot Scale: 464.1 mV



```

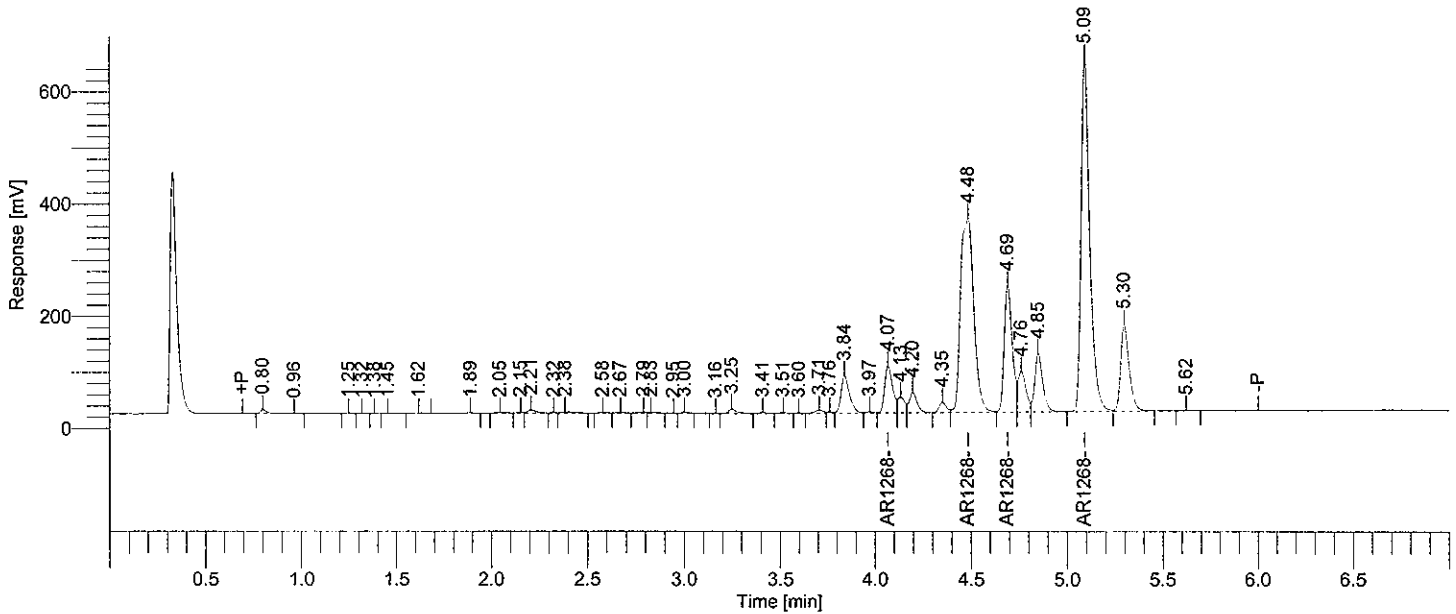
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 186095
Operator          : tchrom
Sample Number     : 0.5NG
AutoSampler       : NONE
Instrument Name    : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 03/14/2008 14:15:05

Date              : 03/29/2008 10:40:28
Sample Name      : ICM681A
Study            : ICAL
Rack/Vial        : 0/0
Channel          : B
A/D mV Range    : 1000
End Time         : 7.00 min

Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 13
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B21023.raw <Modified>
Result File   : H:\TURBO6\5890-12\12B21023.rst
Inst Method   : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21023.raw
Proc Method   : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21023.rst
Calib Method  : h:\turbo6\5890-12\12b-68(03-14-08).mth from H:\TURBO6\5890-12\12B21023.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
	5.09		4495433	AR1268	0.50000	0.12500	4
			4495433			0.12500	

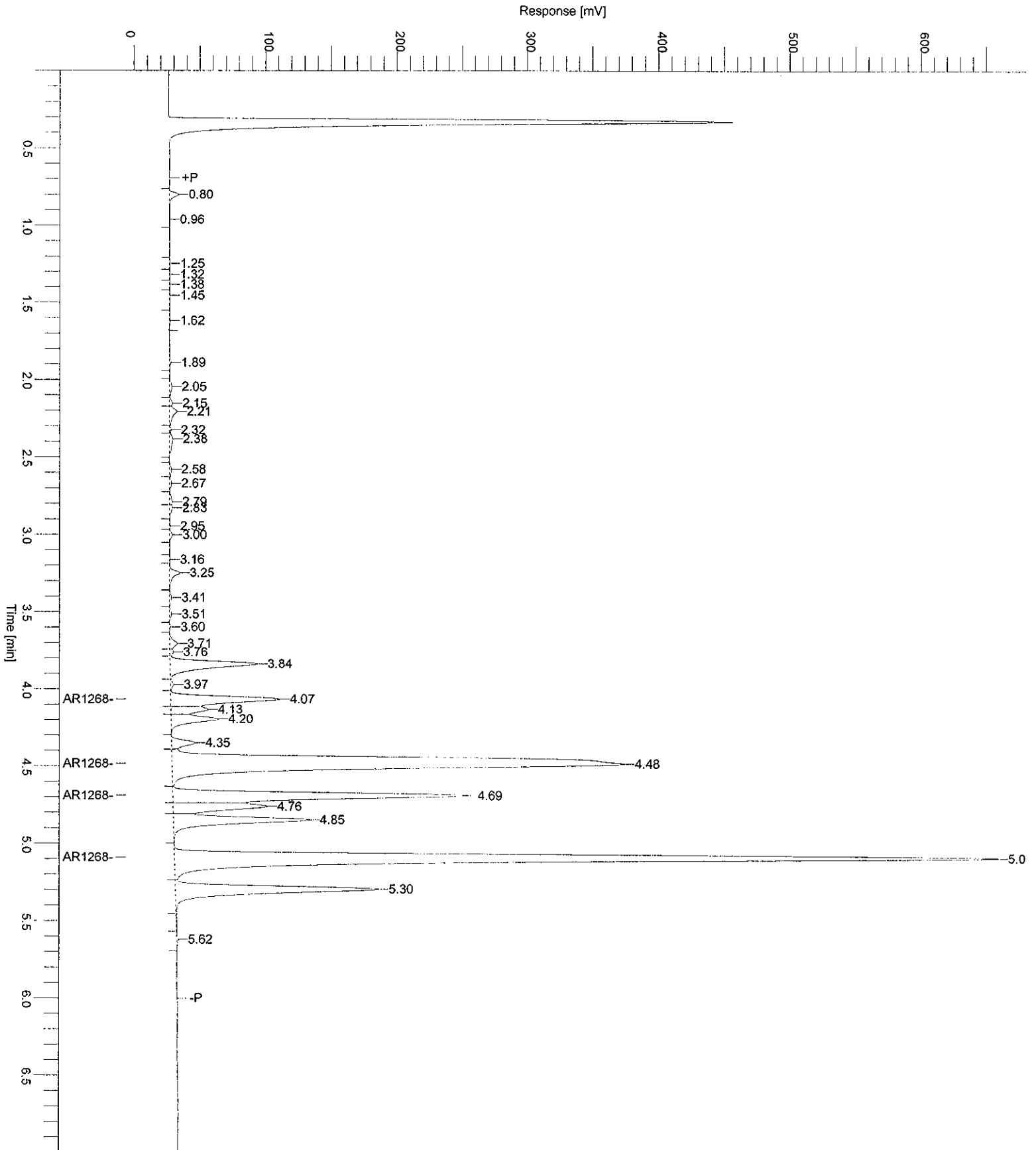
Processed by: GD 4/1/08
 Reviewed by: AMY 4/11/08

03/29/2008 10:40:28 Result: H:\TURBO6\5890-12\12B21023.rst

Group Report For : AR1268

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
29	4.07	VV	242044	AR1268-A	0.50000	0.12500	4
33	4.48	VV	1653402	AR1268-B	0.50000	0.12500	4
34	4.69	VV	646016	AR1268-C	0.50000	0.12500	4
37	5.09	BV	1953971	AR1268-D	0.50000	0.12500	4
			4495433			0.50000	

Sample Name : ICM68IA Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12B21023.raw
Date : 03/29/2008 10:40:29 Time of Injection: 03/14/2008 14:15:05
Method : 12DINS Start Time : 0.00 min End Time : 7.00 min Low Point : -5.75 mV High Point : 659.74 mV
Scale Factor: 1.0 Plot Offset: -5.75 mV Plot Scale: 665.5 mV




```

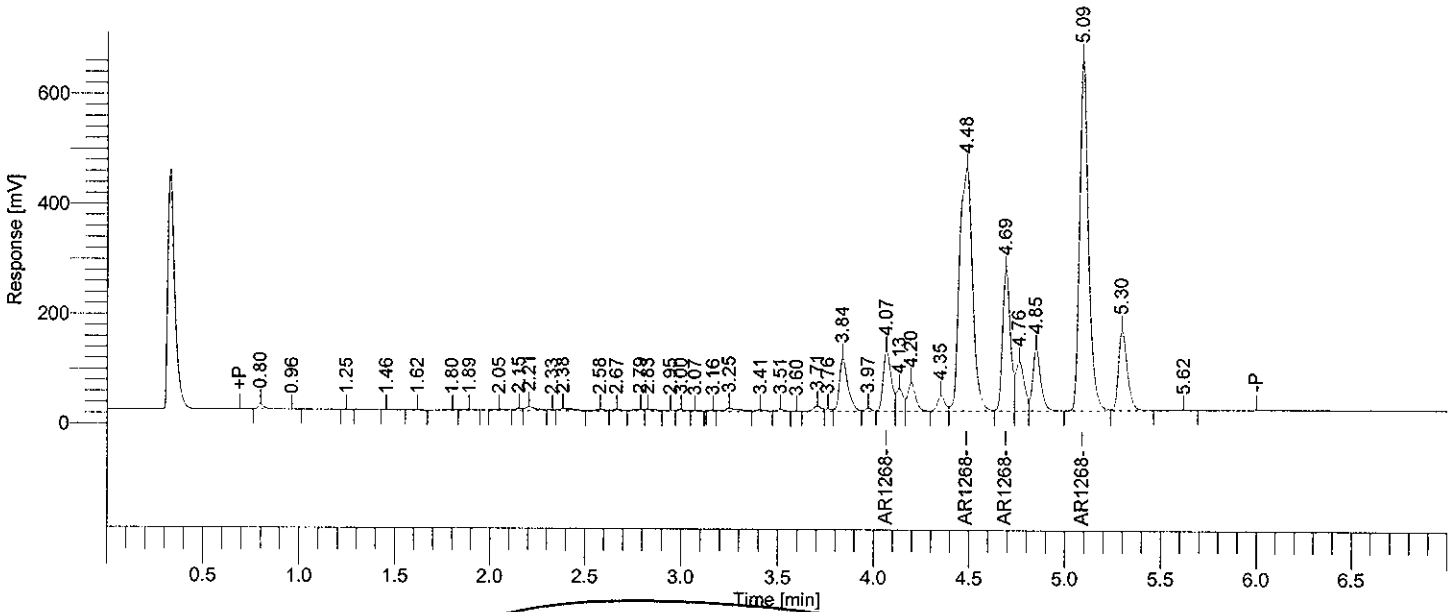
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 186097
Operator          : tchom
Sample Number     : 0.6NG
AutoSampler       : NONE
Instrument Name   : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 03/14/2008 14:29:19

Date              : 03/29/2008 10:40:36
Sample Name      : ACM68EA
Study            : ACM
Rack/Vial        : 0/0
Channel          : B
A/D mV Range    : 1000
End Time         : 7.00 min

Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 14
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B21024.raw <Modified>
Result File : H:\TURBO6\5890-12\12B21024.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B21024.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B21024.rst
Calib Method : h:\turbo6\5890-12\12b-68(03-14-08).mth from H:\TURBO6\5890-12\12B21024.rst
Report Format File: h:\turbo6\default\acm-%d.rpt
Sequence File : H:\TURBO6\5890-12\12D21.seq
    
```



2nd Source Check

Ret Time [min]	BL [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
5.09	5126291	AR1268	0.5702	8.9909e+06	1.0253e+07	-5.0
	5126291		0.5702		1.0253e+07	

4/1/08
CPO

03/29/2008 10:40:36 Result: H:\TURBO6\5890-12\12B21024.rst

Group Report For : AR1268

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D
4.07	VV	319107	AR1268-A	0.6592	4.8409e+05	6.3821e+05	9.9
4.48	VV	2080757	AR1268-B	0.6292	3.3068e+06	4.1615e+06	4.9
4.69	VV	733897	AR1268-C	0.5680	1.2920e+06	1.4678e+06	-5.3
5.09	BV	1992530	AR1268-D	0.5099	3.9079e+06	3.9851e+06	-15.0
		5126291		2.3663		1.0253e+07	

Sample Name : ACM68EA

Sample #: 0.6NG

Page 1 of 1

FileName : H:\TURBO6\5890-12\12B21024.raw

Date : 03/29/2008 10:40:38

Time of Injection: 03/14/2008 14:29:19

Method : 12DINS

Start Time : 0.00 min

End Time : 7.00 min

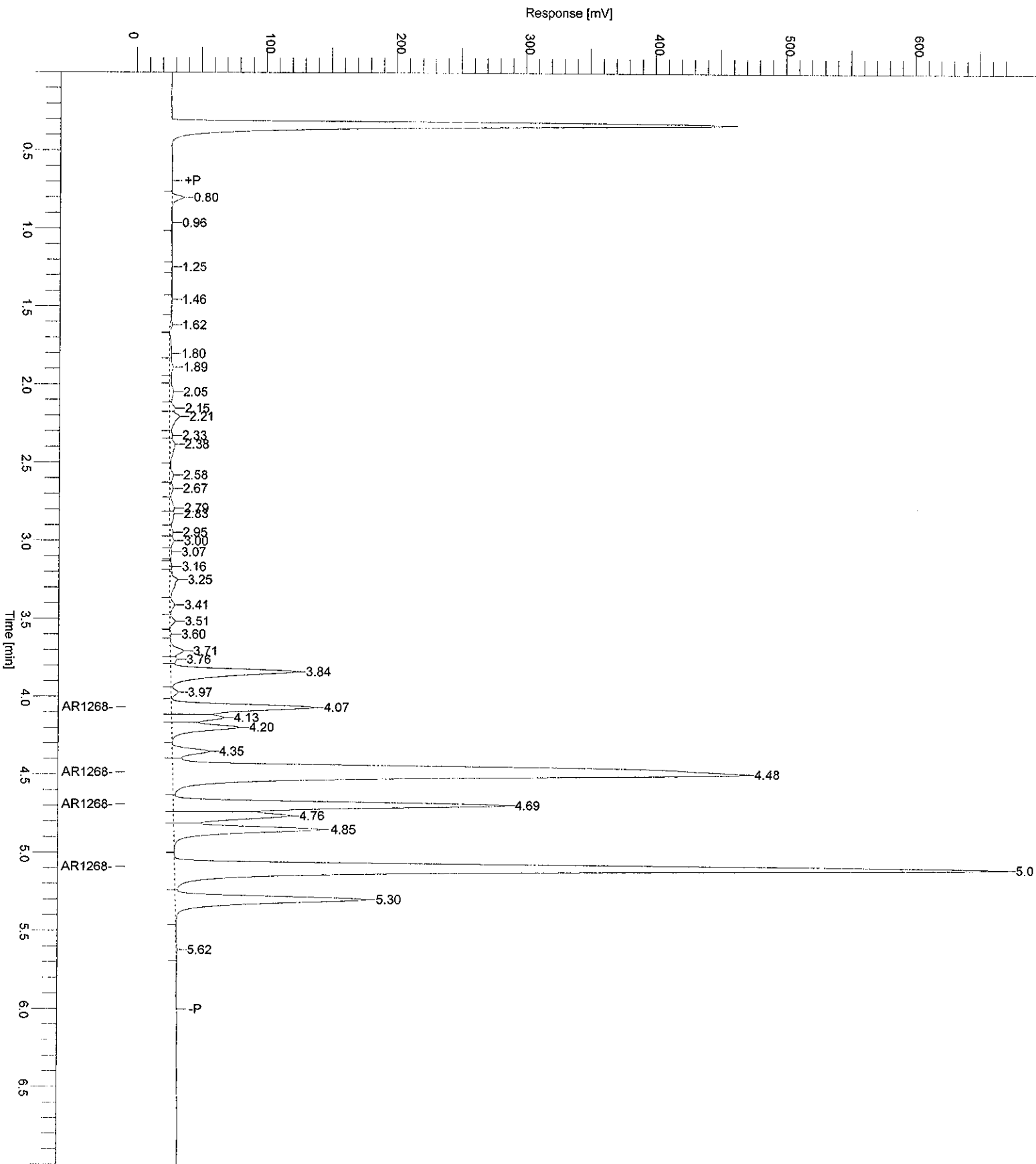
Low Point : -6.89 mV

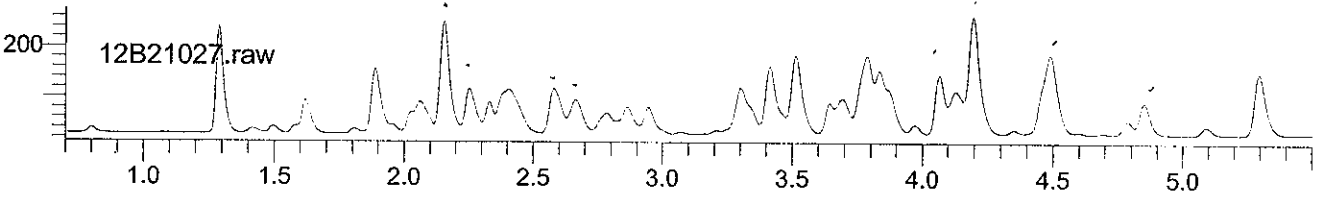
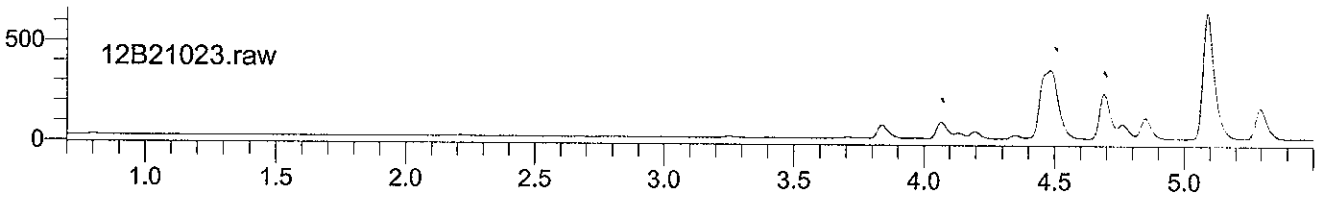
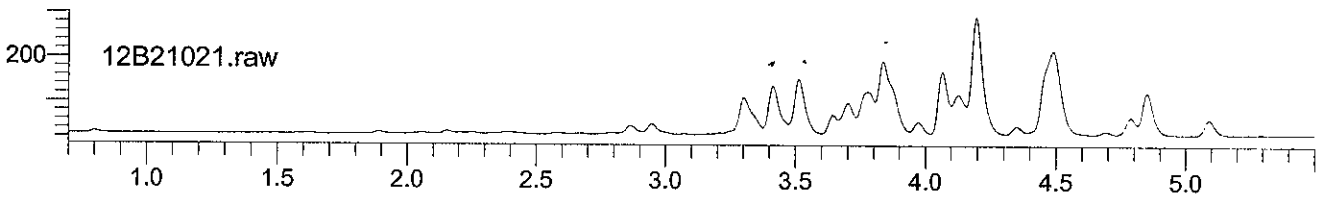
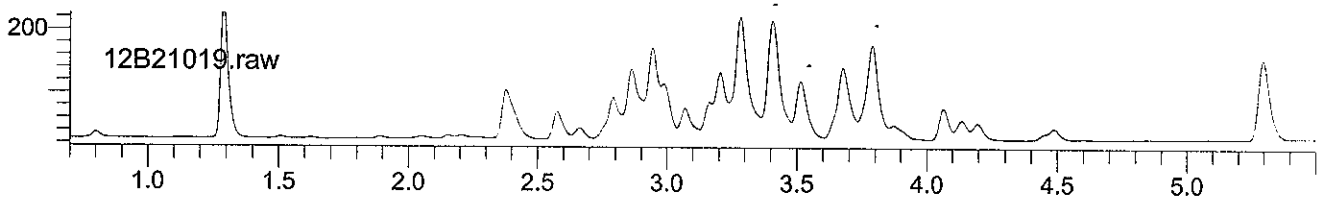
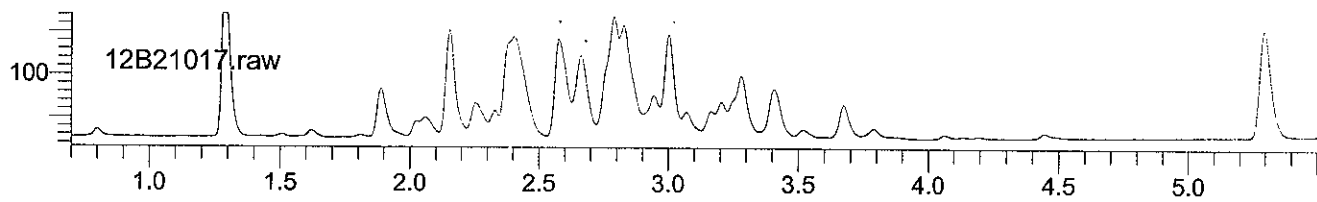
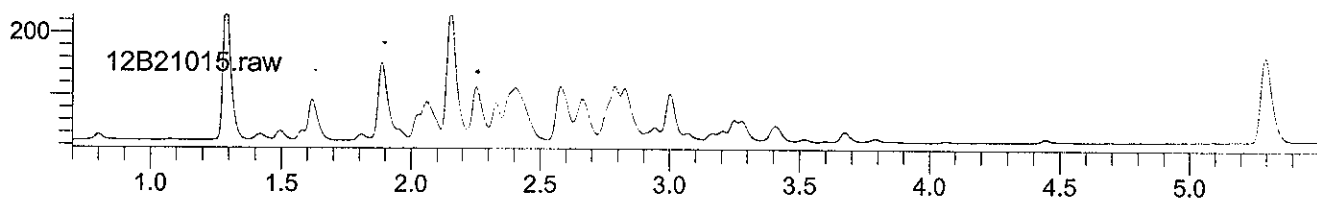
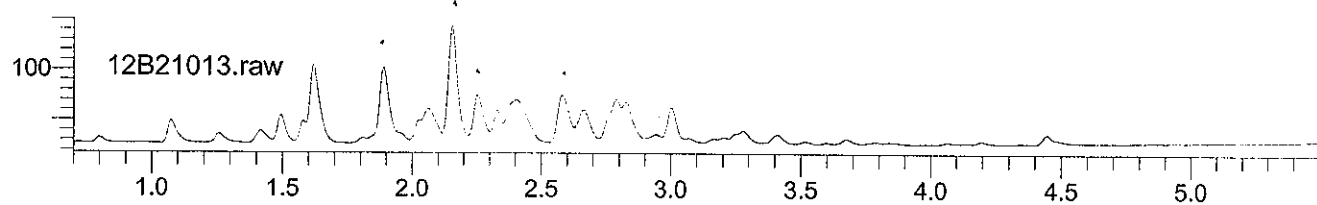
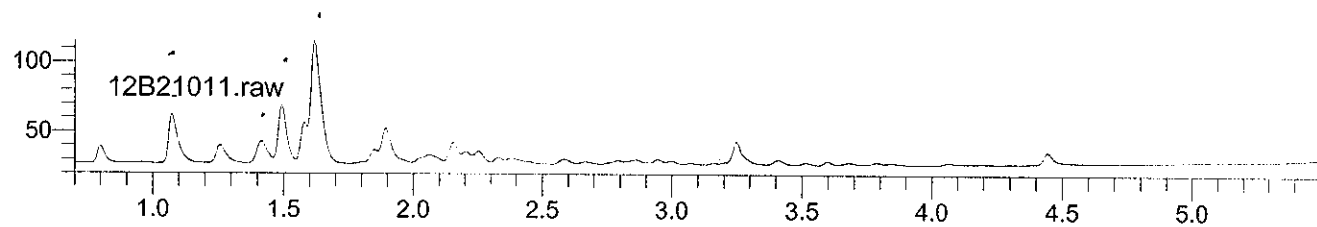
High Point : 672.32 mV

Scale Factor: 1.0

Plot Offset: -6.89 mV

Plot Scale: 679.2 mV





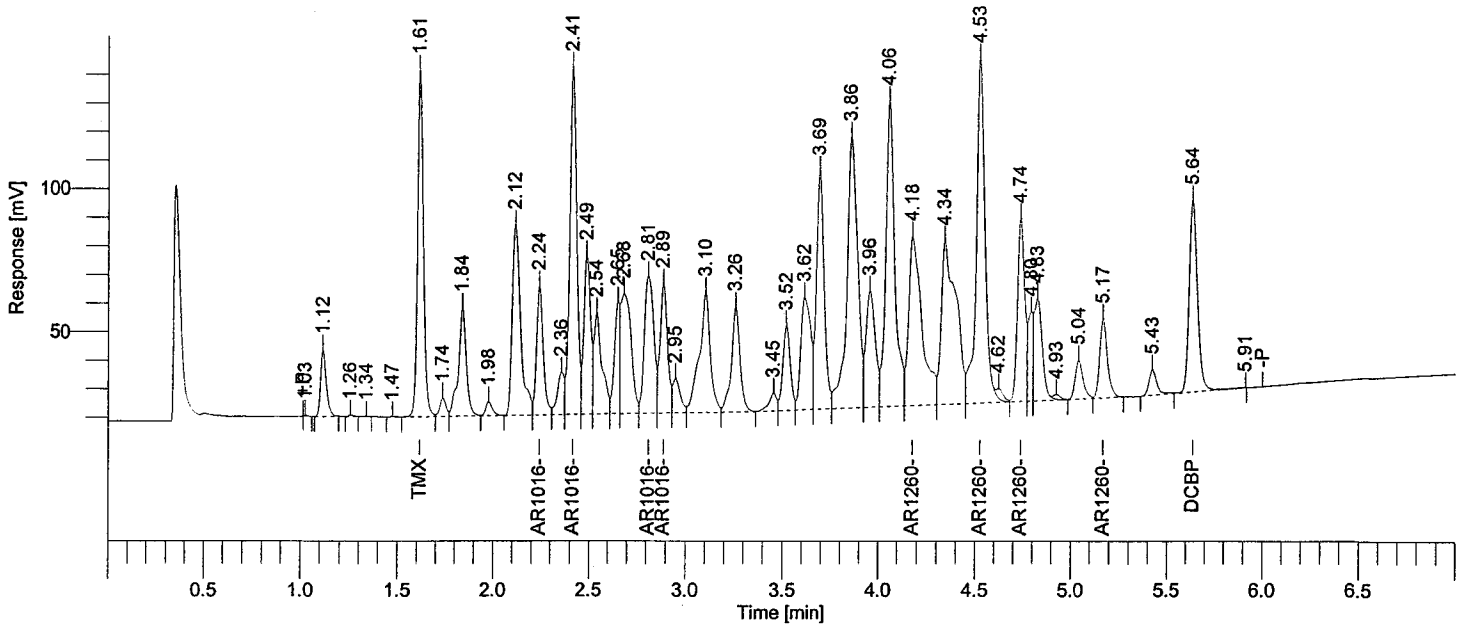
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 201296
Operator          : tchrom
Sample Number     : 0.5NG
AutoSampler       : NONE
Instrument Name    : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/08/2008 08:01:18

Date              : 07/08/2008 10:00:33
Sample Name      : ICM66VL
Study            : CCV
Rack/Vial        : 0/0
Channel          : A
A/D mV Range     : 1000
End Time         : 7.00 min
Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 3
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a36014.raw <Modified>
Result File   : H:\TURBO6\5890-12\12a36014.rst
Inst Method   : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36014.raw
Proc Method   : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36014.rst
Calib Method  : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a36014.rst
Report Format File: h:\turbo6\5890-12\12%d.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.61	VV	247914	TMX	0.02992	8284866	495827	-0.3	1.54 - 1.68
2.41		709860	AR1016	0.49623	1430507	1419720	-0.8	2.34 - 2.48
4.53		916035	AR1260	0.46436	1972668	1832070	-7.1	4.46 - 4.60
5.64	VE	205139	DCBP	0.02920	7025230	410278	-2.7	5.57 - 5.71
		2078948		1.01972		4157895		

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BT

07/08/2008 10:00:33 Result: H:\TURBO6\5890-12\12a36014.rst

Group Report For : AR1016

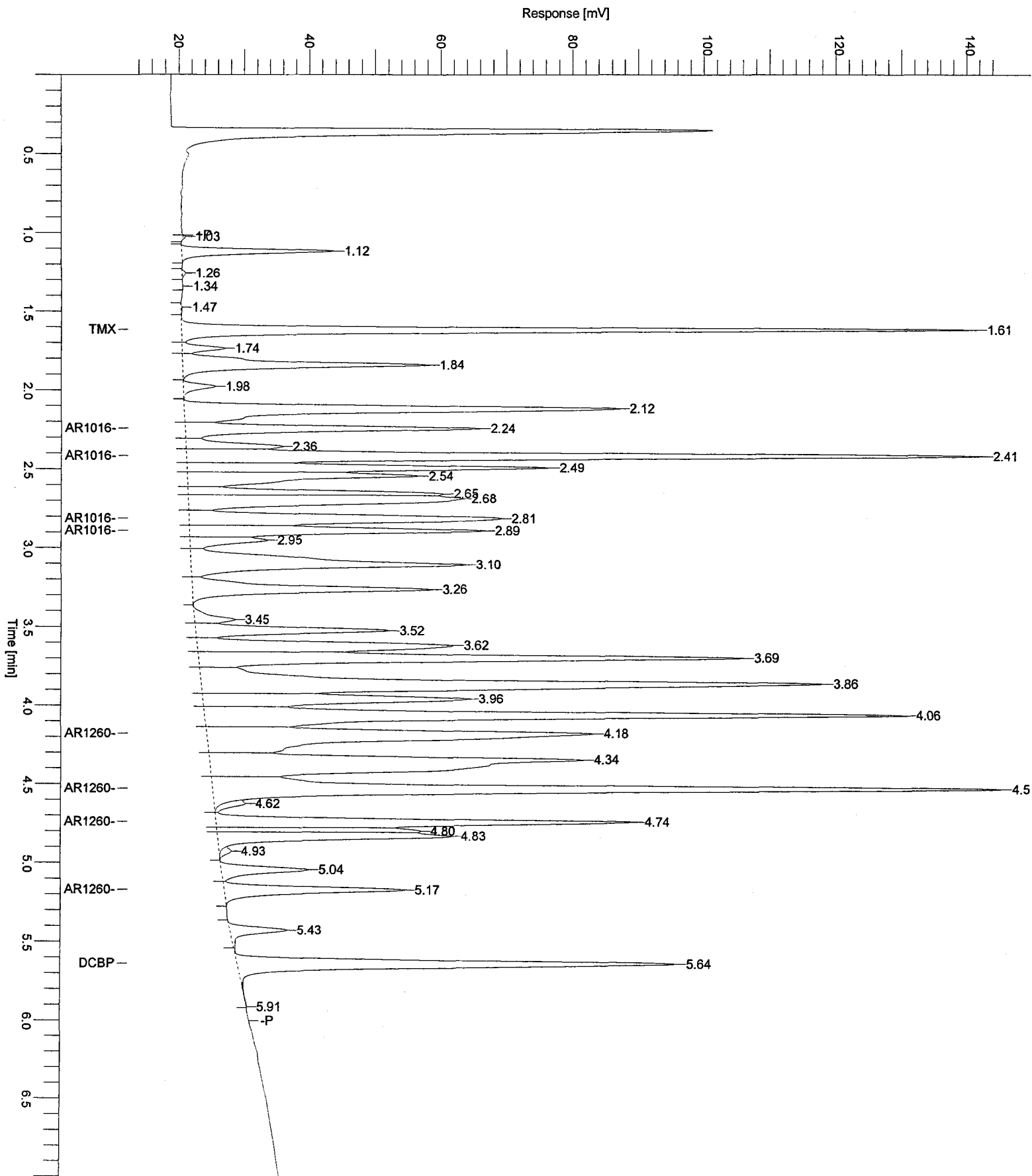
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
2.24	VV	111956	AR1016-A	0.50637	221095	223912	1.3	2.17	-	2.31
2.41	VV	313116	AR1016-B	0.49525	632239	626231	-1.0	2.34	-	2.48
2.81	VV	163358	AR1016-C	0.50015	326622	326717	0.0	2.74	-	2.88
2.89	VV	121430	AR1016-D	0.48465	250551	242859	-3.1	2.82	-	2.96
		709860		1.98642		1419720				

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
4.18	VV	283603	AR1260-A	0.49616	571593	567206	-0.8	4.11	-	4.25
4.53	VE	382000	AR1260-B	0.45774	834526	763999	-8.5	4.46	-	4.60
4.74	VV	172559	AR1260-C	0.48418	356393	345119	-3.2	4.67	-	4.81
5.17	VB	77873	AR1260-D	0.37055	210155	155745	-25.9	5.10	-	5.24
		916035		1.80864		1832070				

Sample Name : ICM66VL
FileName : H:\TURBO6\5890-12112a36014.raw
Date : 07/08/2008 10:00:35
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0

Sample #: 0.5NG
Page 1 of 1
Time of Injection: 07/08/2008 08:01:18
End Time : 7.00 min
Low Point : 12.32 mV
High Point : 145.51 mV
Plot Offset: 12.32 mV
Plot Scale: 133.2 mV



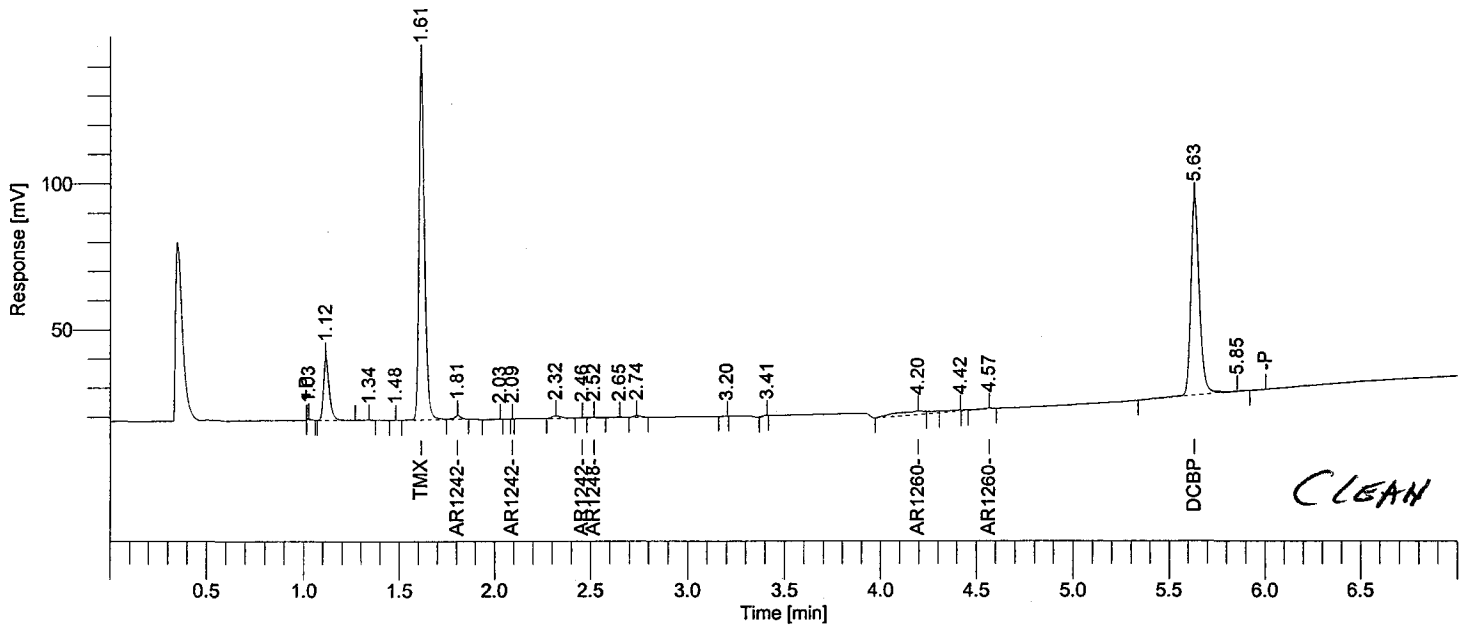
```

Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 201298
Operator : tchrom
Sample Number : 0.03NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/08/2008 08:15:33

Date : 07/08/2008 10:00:40
Sample Name : ICM3PL
Study : IBLK
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min
Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 4
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a36015.raw <Modified>
Result File : H:\TURBO6\5890-12\12a36015.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36015.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36015.rst
Calib Method : h:\turbo6\5890-12\12a-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12a36015.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.61	VV	245274	TMX	0.02961	-----	0
	1.81		3784	AR1242	0.00270	6.74e-04	4
	4.20		16086	AR1260	0.00815	0.00204	4
19	5.63	BE	209684	DCBP	0.02985	-----	0
			474828			0.00271	

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07/08/2008 10:00:40 Result: H:\TURBO6\5890-12\12a36015.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.81	VB	3472	AR1242-A	0.01665	0.00416	4
8	2.09	BV	14	AR1242-B	3.55e-05	8.87e-06	4
-	2.24		0	AR1242-C	0.00000	-----	-
10	2.46	VV	298	AR1242-D	5.04e-04	1.26e-04	4
			3784			0.00430	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.52	VV	857	AR1248-A	0.00609	0.00152	4
-	2.81		0	AR1248-B	0.00000	-----	-
-	2.89		0	AR1248-C	0.00000	-----	-
-	3.09		0	AR1248-D	0.00000	-----	-
			857			0.00152	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.26		0	AR1254-A	0.00000	-----	-
-	3.53		0	AR1254-B	0.00000	-----	-
-	3.70		0	AR1254-C	0.00000	-----	-
-	4.06		0	AR1254-D	0.00000	-----	-
			0			0.00000	

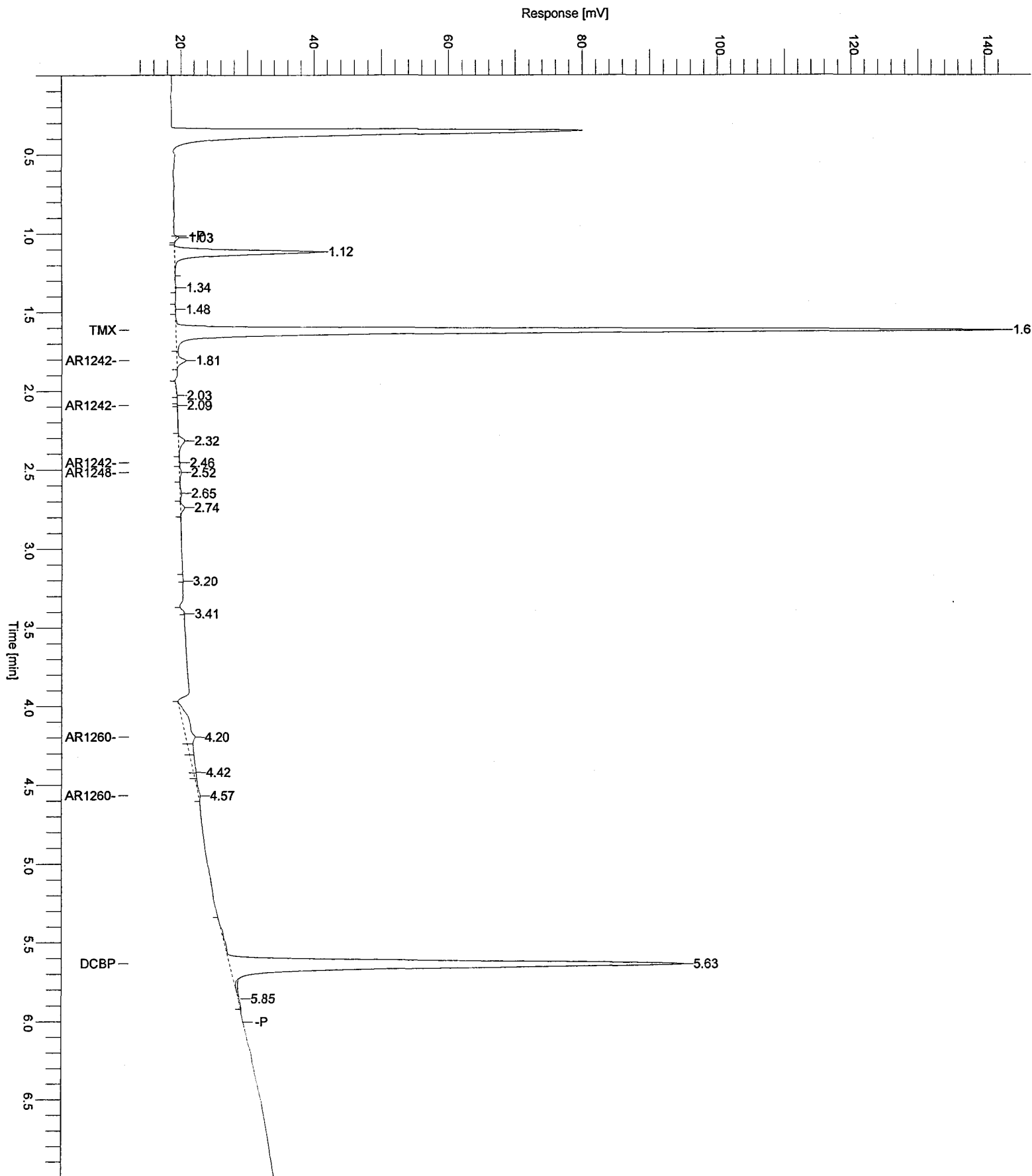
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BP

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
16	4.20	BV	14398	AR1260-A	0.02519	0.00630	4
18	4.57	VB	1688	AR1260-B	0.00202	5.06e-04	4
-	4.74		0	AR1260-C	0.00000	-----	-
-	5.17		0	AR1260-D	0.00000	-----	-
			16086			0.00680	

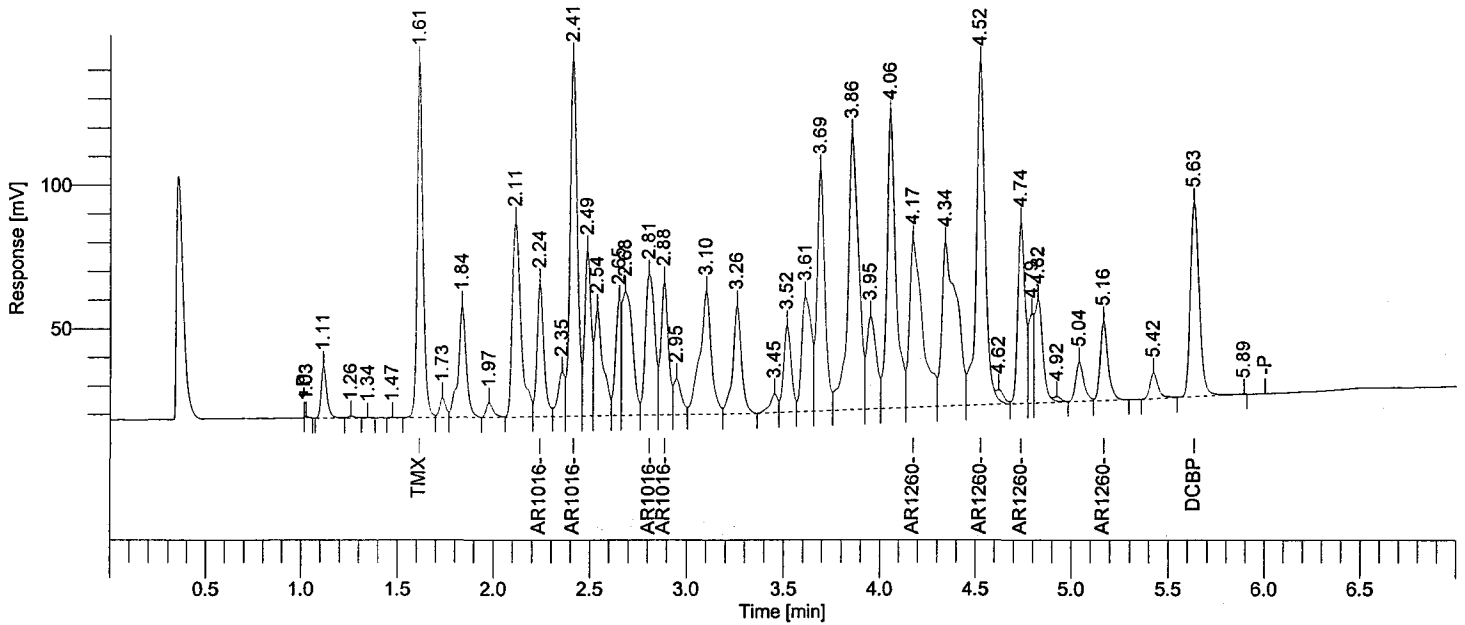
Sample Name : ICM3PL Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-12\12a36015.raw
Date : 07/08/2008 10:00:42 Time of Injection: 07/08/2008 08:15:33
Method : 12DINS Start Time : 0.00 min End Time : 7.00 min Low Point : 12.23 mV High Point : 142.69 mV
Scale Factor: 1.0 Plot Offset: 12.23 mV Plot Scale: 130.5 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2042: 201360
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : NONE
 Instrument Name : HP5890-12
 Interface Serial # : 4118271166
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 07/08/2008 13:19:46

Date : 07/09/2008 07:30:12
 Sample Name : ICM66VL
 Study : CCV
 Rack/Vial : 0/0
 Channel : A
 A/D mV Range : 1000
 End Time : 7.00 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 11

Raw Data File : H:\TURBO6\5890-12\12a36026.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a36026.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36026.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36026.rst
 Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a36026.rst
 Report Format File: h:\turbo6\5890-12\12%d.rpt
 Sequence File : H:\TURBO6\5890-12\12D36.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	RT Win
1.61	VV	254408	TMX	0.03071	8284866	508817	2.4	1.54	- 1.68
2.41		737280	AR1016	0.51540	1430507	1474560	3.1	2.34	- 2.48
4.52		915313	AR1260	0.46400	1972668	1830627	-7.2	4.45	- 4.59
5.63	VE	209311	DCBP	0.02979	7025230	418623	-0.7	5.56	- 5.70
		2116313		1.03990		4232627			

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07/09/2008 07:30:12 Result: H:\TURBO6\5890-12\12a36026.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win	
2.24	VV	117439	AR1016-A	0.53117	221095	234877	6.2	2.17	- 2.31
2.41	VV	324053	AR1016-B	0.51255	632239	648106	2.5	2.34	- 2.48
2.81	VV	169361	AR1016-C	0.51852	326622	338722	3.7	2.74	- 2.88
2.88	VV	126427	AR1016-D	0.50460	250551	252855	0.9	2.81	- 2.95
		737280		2.06684	1474560				

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win	
4.17	VV	282130	AR1260-A	0.49359	571593	564261	-1.3	4.10	- 4.24
4.52	VE	382364	AR1260-B	0.45818	834526	764729	-8.4	4.45	- 4.59
4.74	VV	171804	AR1260-C	0.48206	356393	343608	-3.6	4.67	- 4.81
5.16	VB	79014	AR1260-D	0.37598	210155	158029	-24.8	5.09	- 5.23
		915313		1.80981	1830627				

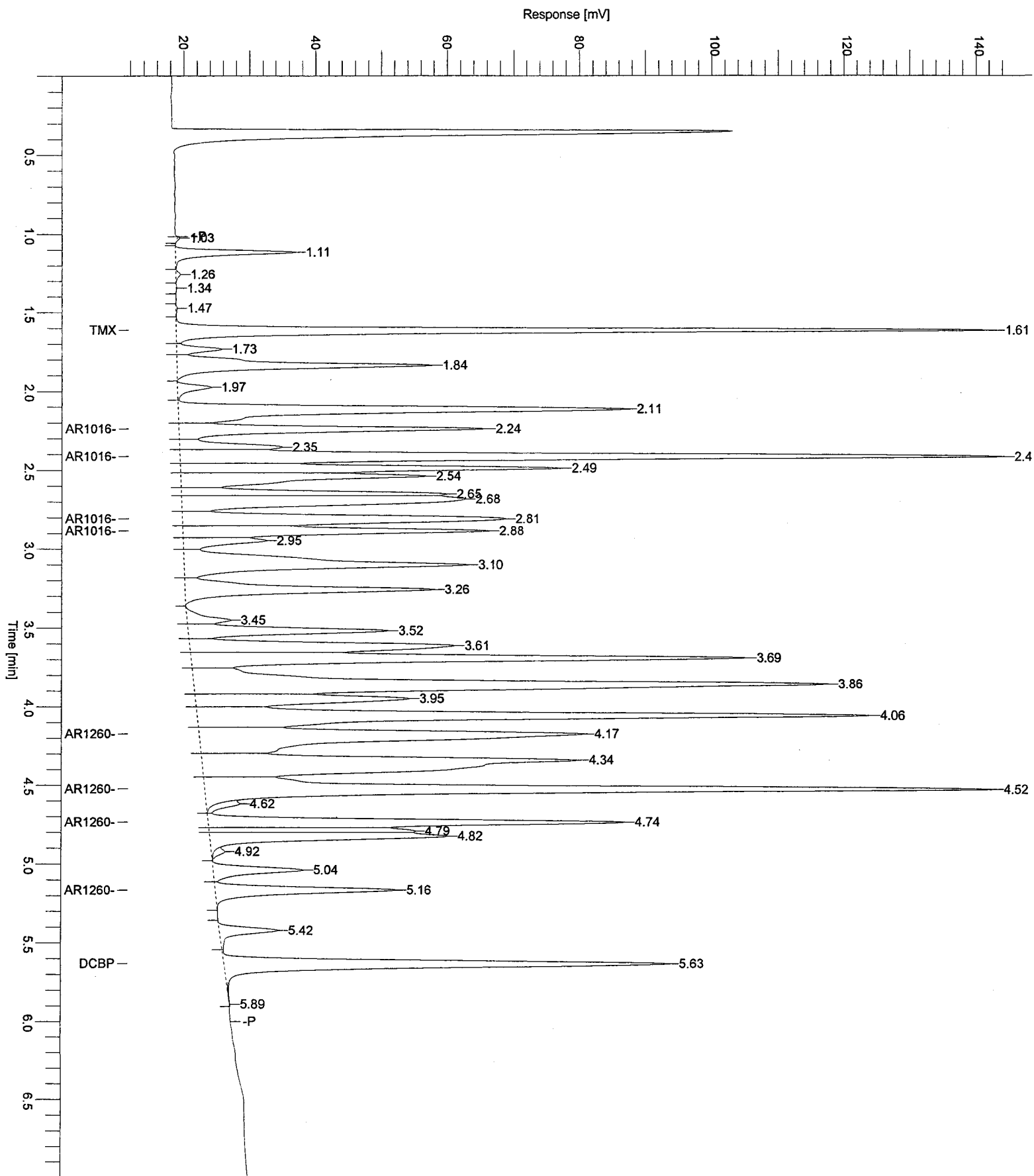
Sample Name : ICM66VL
FileName : H:\TURBO6\5890-12\12a36026.raw
Date : 07/09/2008 07:30:14
Method : 12DINS

Sample #: 0.5NG

Page 1 of 1

Time of Injection: 07/08/2008 13:19:46

Start Time : 0.00 min End Time : 7.00 min Low Point : 11.73 mV High Point : 144.32 mV
Scale Factor: 1.0 Plot Offset: 11.73 mV Plot Scale: 132.6 mV



```

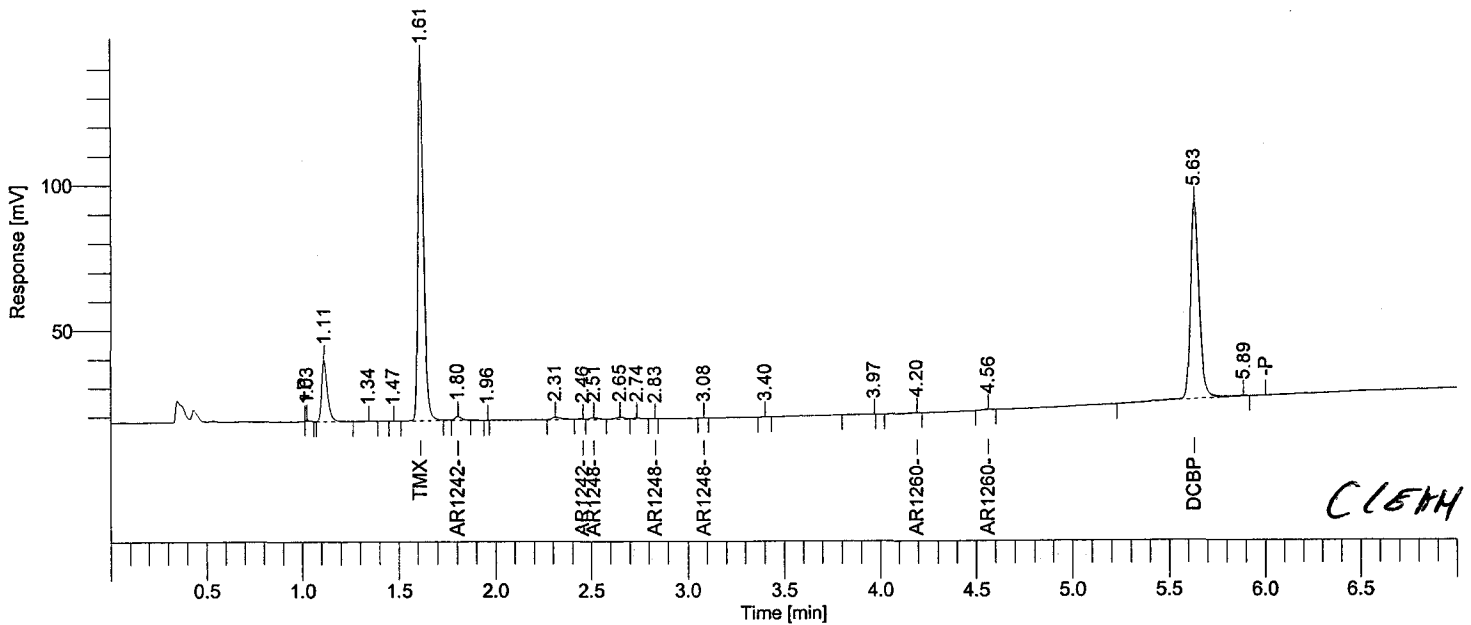
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 201362
Operator          : tchrom
Sample Number     : 0.03NG
AutoSampler       : NONE
Instrument Name   : HP5890-12
Interface Serial # : 4118271166
Delay Time        : 0.00 min
Sampling Rate     : 25.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/08/2008 13:34:15

Date              : 07/09/2008 07:30:24
Sample Name      : ICM3PO
Study            : IBLK
Rack/Vial        : 0/0
Channel          : A
A/D mV Range     : 1000
End Time         : 7.00 min

Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 12
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a36027.raw <Modified>
Result File   : H:\TURBO6\5890-12\12a36027.rst
Inst Method   : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36027.raw
Proc Method   : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36027.rst
Calib Method  : h:\turbo6\5890-12\12a-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12a36027.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	1.61	VV	247598	TMX	0.02989	-----	0
	1.80		3508	AR1242	0.00250	6.25e-04	4
	2.51		2376	AR1248	0.00132	3.29e-04	4
	4.56		1748	AR1260	8.86e-04	2.22e-04	4
	5.63	BE	214558	DCBP	0.03054	-----	0
			469788			0.00118	

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07/09/2008 07:30:24 Result: H:\TURBO6\5890-12\12a36027.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.80	VB	3081	AR1242-A	0.01478	0.00369	4
-	2.12		0	AR1242-B	0.00000	-----	-
-	2.24		0	AR1242-C	0.00000	-----	-
9	2.46	VV	426	AR1242-D	7.21e-04	1.80e-04	4
			3508			0.00387	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.51	VV	2108	AR1248-A	0.01499	0.00375	4
13	2.83	VB	57	AR1248-B	1.42e-04	3.54e-05	4
-	2.89		0	AR1248-C	0.00000	-----	-
14	3.08	BB	210	AR1248-D	2.24e-04	5.61e-05	4
			2376			0.00384	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.26		0	AR1254-A	0.00000	-----	-
-	3.53		0	AR1254-B	0.00000	-----	-
-	3.70		0	AR1254-C	0.00000	-----	-
-	4.06		0	AR1254-D	0.00000	-----	-
			0			0.00000	

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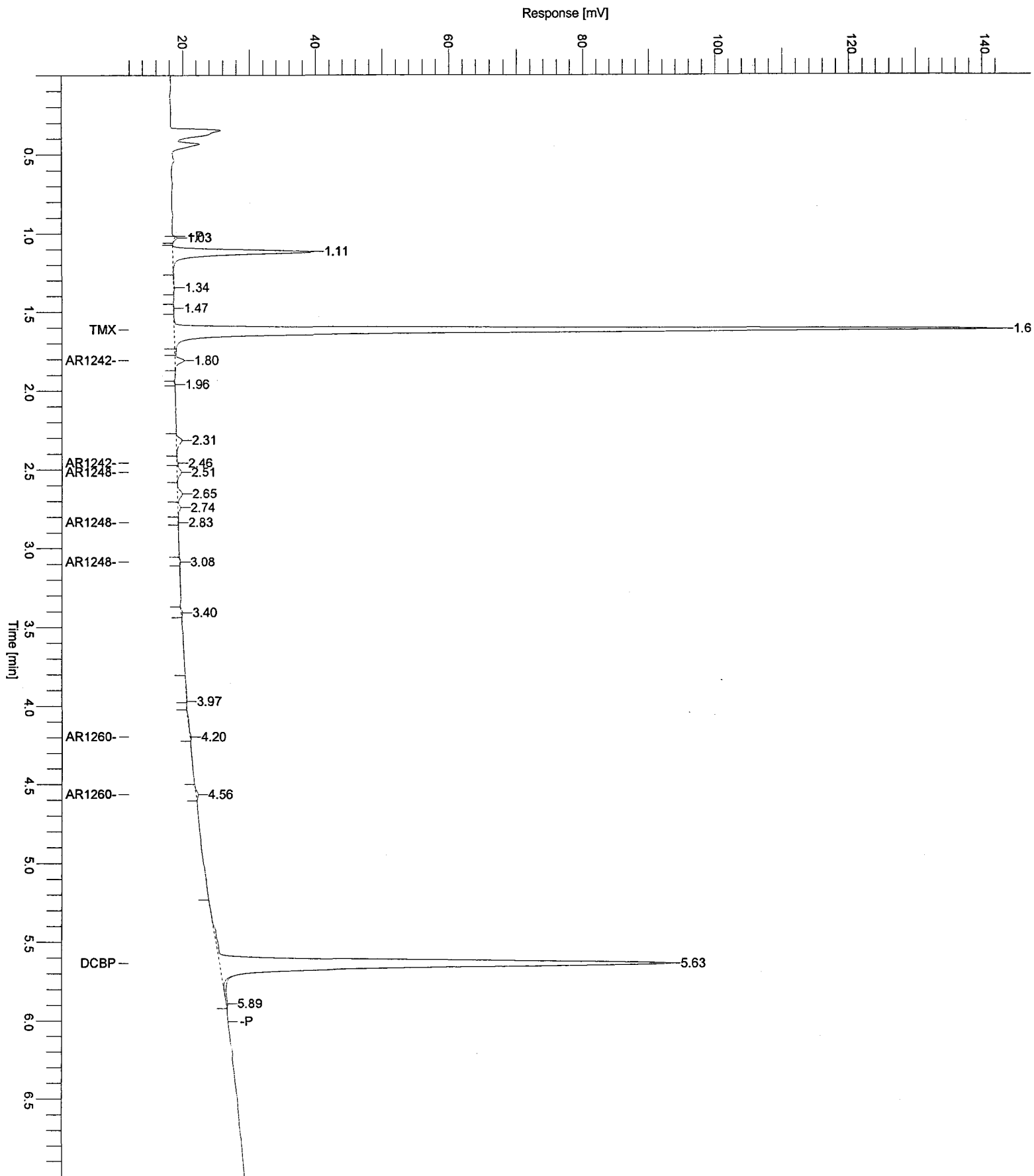
GA

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	4.20	BB	842	AR1260-A	0.00147	3.68e-04	4
18	4.56	BB	906	AR1260-B	0.00109	2.71e-04	4
-	4.74		0	AR1260-C	0.00000	-----	-
-	5.17		0	AR1260-D	0.00000	-----	-
			1748			6.40e-04	

Sample Name : ICM3PO
FileName : H:\TURBO6\5890-12\12a36027.raw
Date : 07/09/2008 07:30:26
Method : 12DINS

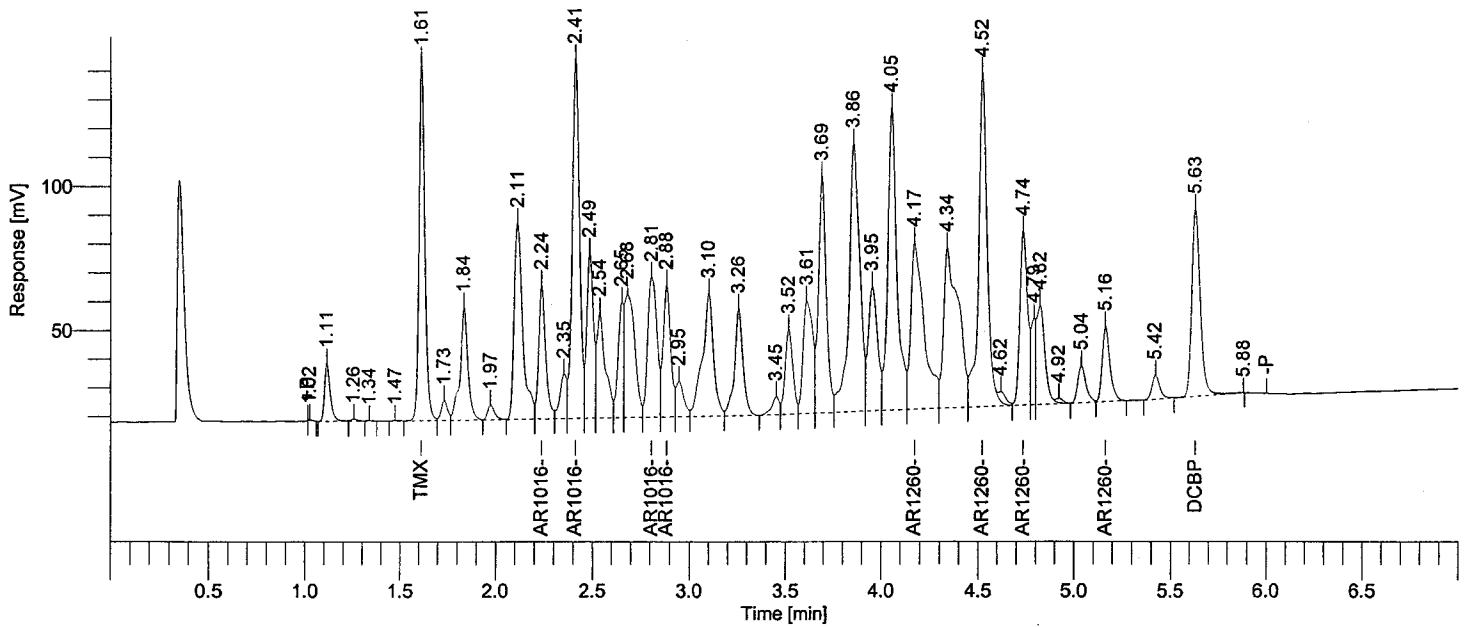
Sample #: 0.03NG
Page 1 of 1
Time of Injection: 07/08/2008 13:34:15
Start Time : 0.00 min
End Time : 7.00 min
Low Point : 11.79 mV
High Point : 143.11 mV
Scale Factor: 1.0
Plot Offset: 11.79 mV
Plot Scale: 131.3 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2042: 201376
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : NONE
 Instrument Name : HP5890-12
 Interface Serial # : 4118271166
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 07/08/2008 15:14:10

Date : 07/09/2008 07:31:45
 Sample Name : ICM66VL
 Study : CCV
 Rack/Vial : 0/0
 Channel : A
 A/D mV Range : 1000
 End Time : 7.00 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 19

Raw Data File : H:\TURBO6\5890-12\12a36034.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a36034.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36034.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36034.rst
 Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a36034.rst
 Report Format File: h:\turbo6\5890-12\12%d.rpt
 Sequence File : H:\TURBO6\5890-12\12D36.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.61	VV	257034	TMX	0.03102	8284866	514068	3.4	1.54 - 1.68
2.41		733410	AR1016	0.51269	1430507	1466819	2.5	2.34 - 2.48
4.52		889708	AR1260	0.45102	1972668	1779416	-9.8	4.45 - 4.59
5.63	VE	202115	DCBP	0.02877	7025230	404229	-4.1	5.56 - 5.70
		2082266		1.02350		4164532		

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BT

07/09/2008 07:31:45 Result: H:\TURBO6\5890-12\12a36034.rst

Group Report For : AR1016

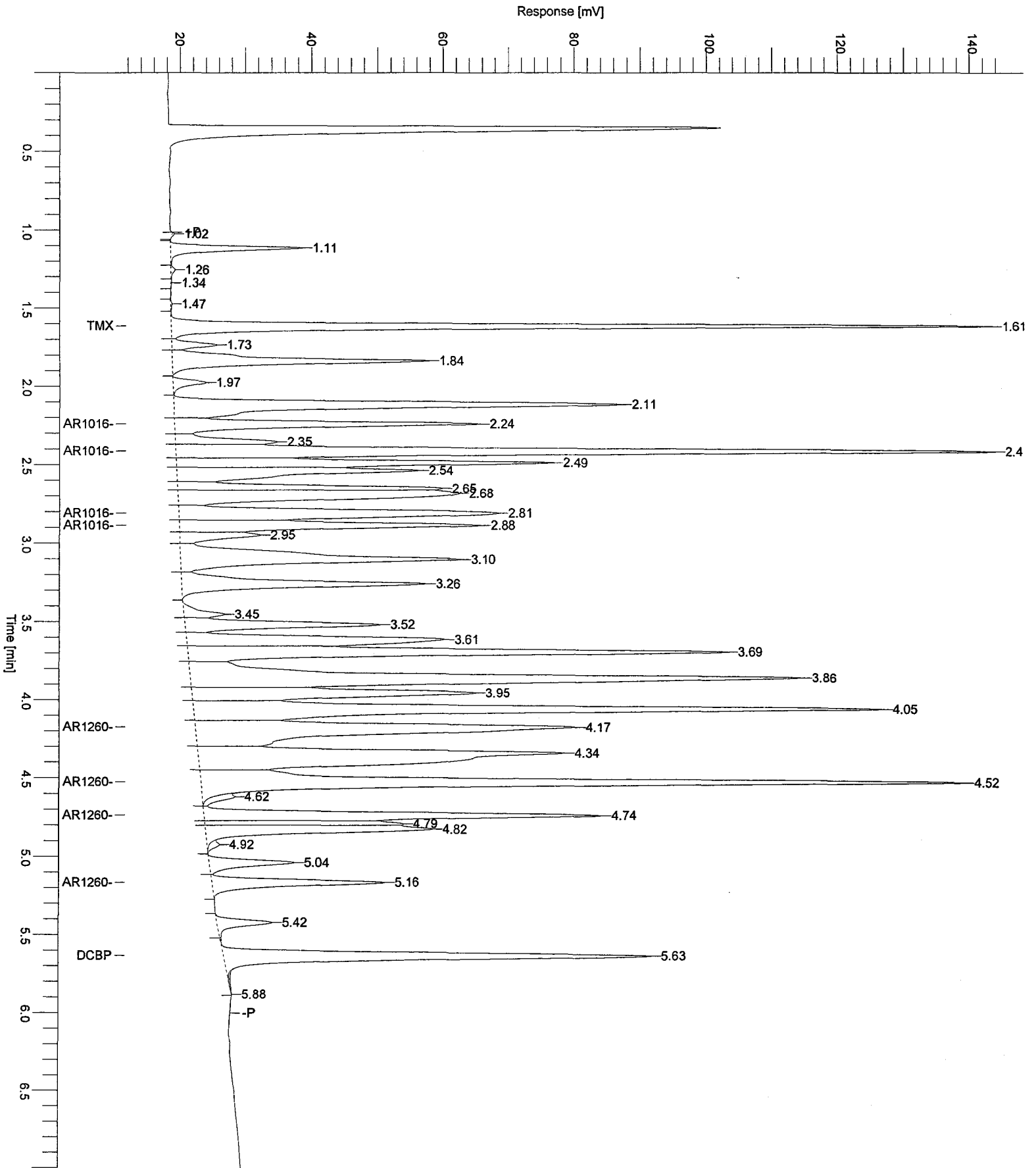
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
2.24	VV	117351	AR1016-A	0.53077	221095	234701	6.2	2.17	-	2.31
2.41	VV	323983	AR1016-B	0.51244	632239	647965	2.5	2.34	-	2.48
2.81	VV	167316	AR1016-C	0.51226	326622	334632	2.5	2.74	-	2.88
2.88	VV	124760	AR1016-D	0.49794	250551	249520	-0.4	2.81	-	2.95
		733410		2.05341				1466819		

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
4.17	VV	279718	AR1260-A	0.48937	571593	559436	-2.1	4.10	-	4.24
4.52	VE	370953	AR1260-B	0.44451	834526	741906	-11.1	4.45	-	4.59
4.74	VV	164893	AR1260-C	0.46267	356393	329787	-7.5	4.67	-	4.81
5.16	VB	74144	AR1260-D	0.35280	210155	148288	-29.4	5.09	-	5.23
		889708		1.74935				1779416		

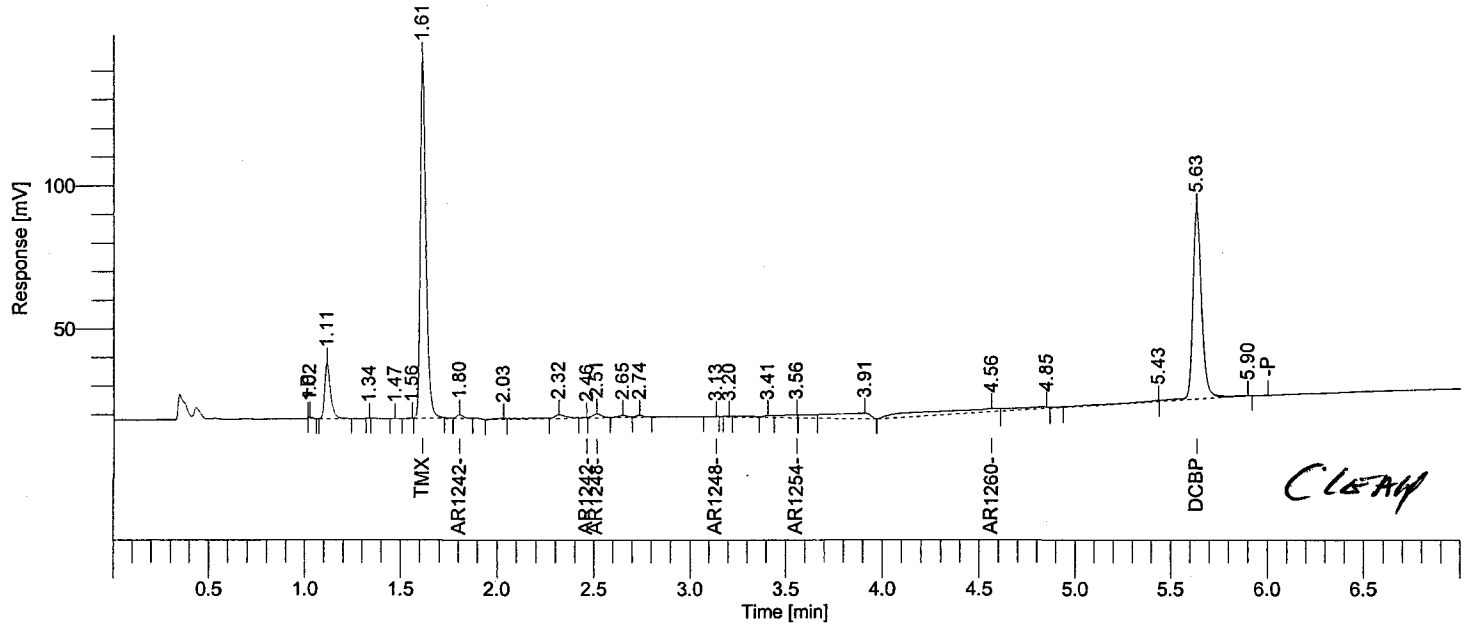
Sample Name : ICM66VL
FileName : H:\TURBO6\5890-12\12a36034.raw
Date : 07/09/2008 07:31:47
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0

Sample #: 0.5NG
Page 1 of 1
Time of Injection: 07/08/2008 15:14:10
Low Point : 11.68 mV
High Point : 144.11 mV
End Time : 7.00 min
Plot Offset: 11.68 mV
Plot Scale: 132.4 mV



Software Version : 6.2.1.0.104:0104 Date : 07/09/2008 07:31:55
 Reprocess Number : buf2042: 201378
 Operator : tchrom Sample Name : ICM3PO
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : A
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/08/2008 15:28:26 Cycle : 20

Raw Data File : H:\TURBO6\5890-12\12a36035.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a36035.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36035.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36035.rst
 Calib Method : h:\turbo6\5890-12\12a-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12a36035.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D36.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.61	VV	251008	TMX	0.03030	-----	0
	1.80		4045	AR1242	0.00288	7.21e-04	4
	2.51		5691	AR1248	0.00316	7.89e-04	4
	3.56		6736	AR1254	0.00248	6.21e-04	4
	4.56		44029	AR1260	0.02232	0.00558	4
22	5.63	VE	212522	DCBP	0.03025	-----	0
			524031			0.00771	

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07/09/2008 07:31:55 Result: H:\TURBO6\5890-12\12a36035.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	1.80	VB	3307	AR1242-A	0.01586	0.00397	4
-	2.12		0	AR1242-B	0.00000	-----	-
-	2.24		0	AR1242-C	0.00000	-----	-
10	2.46	VV	738	AR1242-D	0.00125	3.12e-04	4
			4045			0.00428	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.51	VV	5145	AR1248-A	0.03658	0.00915	4
-	2.81		0	AR1248-B	0.00000	-----	-
-	2.89		0	AR1248-C	0.00000	-----	-
14	3.13	BV	546	AR1248-D	5.83e-04	1.46e-04	4
			5691			0.00929	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.26		0	AR1254-A	0.00000	-----	-
17	3.56	VV	6736	AR1254-B	0.01057	0.00264	4
-	3.70		0	AR1254-C	0.00000	-----	-
-	4.06		0	AR1254-D	0.00000	-----	-
			6736			0.00264	

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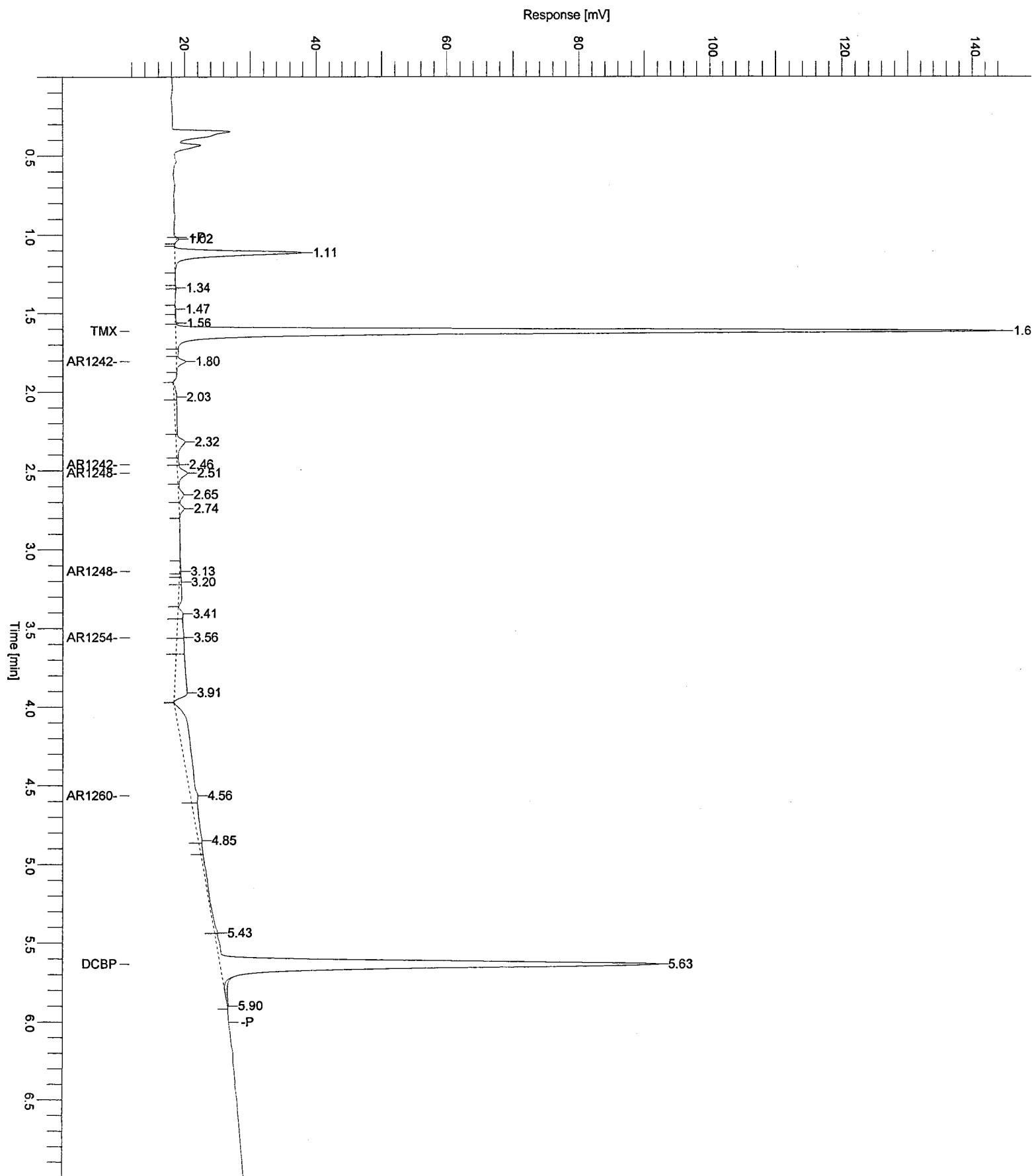
BAD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.19		0	AR1260-A	0.00000	-----	-
19	4.56	BV	44029	AR1260-B	0.05276	0.01319	4
-	4.74		0	AR1260-C	0.00000	-----	-
-	5.17		0	AR1260-D	0.00000	-----	-
			44029			0.01319	

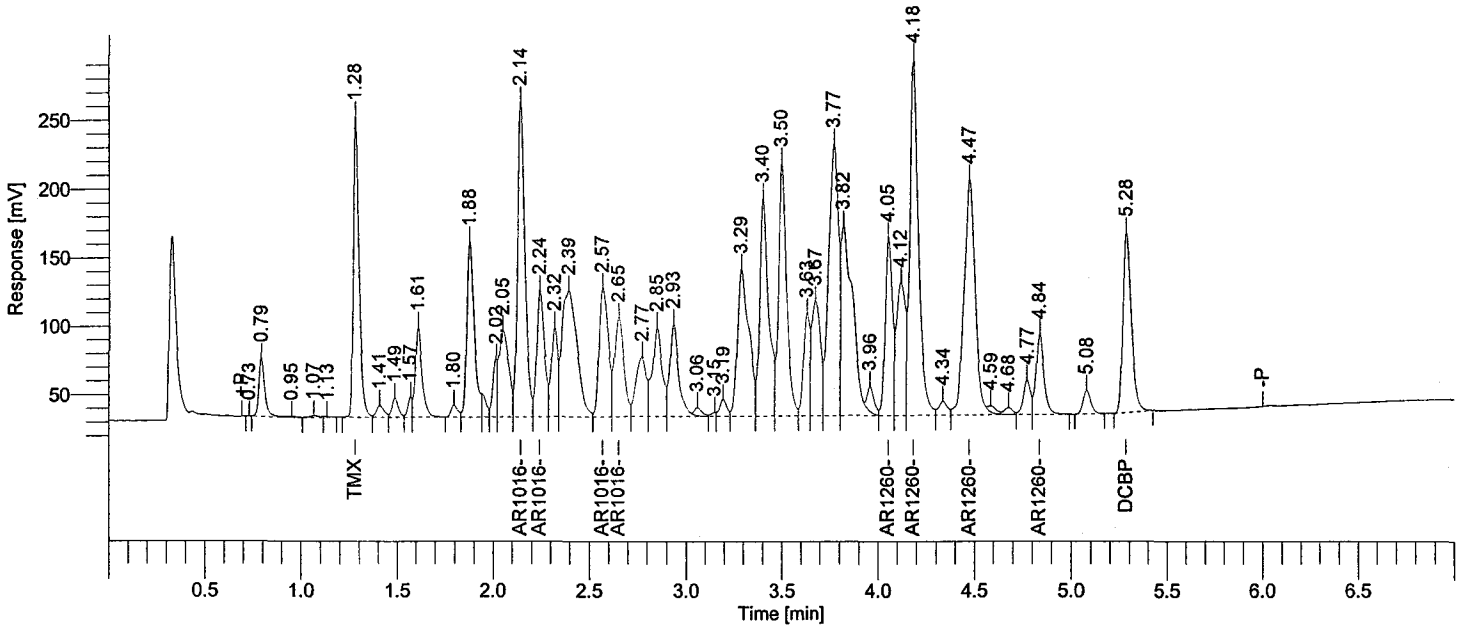
Sample Name : ICM3PO
FileName : H:\TURBO6\5890-12\12a36035.raw
Date : 07/09/2008 07:31:57
Method : 12DINS

Sample #: 0.03NG
Page 1 of 1
Time of Injection: 07/08/2008 15:28:26
Start Time : 0.00 min
End Time : 7.00 min
Scale Factor: 1.0
Low Point : 11.60 mV
High Point : 144.78 mV
Plot Offset: 11.60 mV
Plot Scale: 133.2 mV



Software Version : 6.2.1.0.104:0104 Date : 07/08/2008 10:00:36
 Reprocess Number : buf2042: 201297
 Operator : tchrom Sample Name : ICM66VL
 Sample Number : 0.5NG Study : CCV
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/08/2008 08:01:18 Cycle : 3

Raw Data File : H:\TURBO6\5890-12\12B36014.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B36014.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36014.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36014.rst
 Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B36014.rst
 Report Format File: h:\turbo6\5890-12\12%d.rpt
 Sequence File : H:\TURBO6\5890-12\12D36.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.28	VV	445611	TMX	0.03014	14784882	891222	0.5	1.21 - 1.35
2.14		1416938	AR1016	0.52551	2696306	2813877	5.1	2.07 - 2.21
4.18		2021703	AR1260	0.53358	3788908	4043407	6.7	4.11 - 4.25
5.28	BB	397982	DCBP	0.03163	12580454	795964	5.4	5.21 - 5.35
		4282235		1.12087		8564470		

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07/08/2008 10:00:36 Result: H:\TURBO6\5890-12\12B36014.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win	
2.14	VV	606734	AR1016-A	0.52700	1151292	1213467	5.4	2.07	- 2.21
2.24	VV	258336	AR1016-B	0.52422	492801	516673	4.8	2.17	- 2.31
2.57	VV	302414	AR1016-C	0.53831	561781	604829	7.7	2.50	- 2.64
2.65	VV	249454	AR1016-D	0.50864	490432	498908	1.7	2.58	- 2.72
		1416938		2.09818		2833877			

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win	
4.05	VV	337972	AR1260-A	0.56878	594206	675945	13.8	3.98	- 4.12
4.18	VV	822402	AR1260-B	0.55482	1482294	1644804	11.0	4.11	- 4.25
4.47	VE	693543	AR1260-C	0.52601	1318506	1387087	5.2	4.40	- 4.54
4.84	VB	167786	AR1260-D	0.42596	393901	335571	-14.8	4.77	- 4.91
		2021703		2.07556		4043407			

Sample Name : ICM66VL

Sample #: 0.5NG

Page 1 of 1

FileName : H:\TURBO6\5890-12\12B36014.raw

Date : 07/08/2008 10:00:38

Time of Injection: 07/08/2008 08:01:18

Method : 12DINS

Start Time : 0.00 min

End Time : 7.00 min

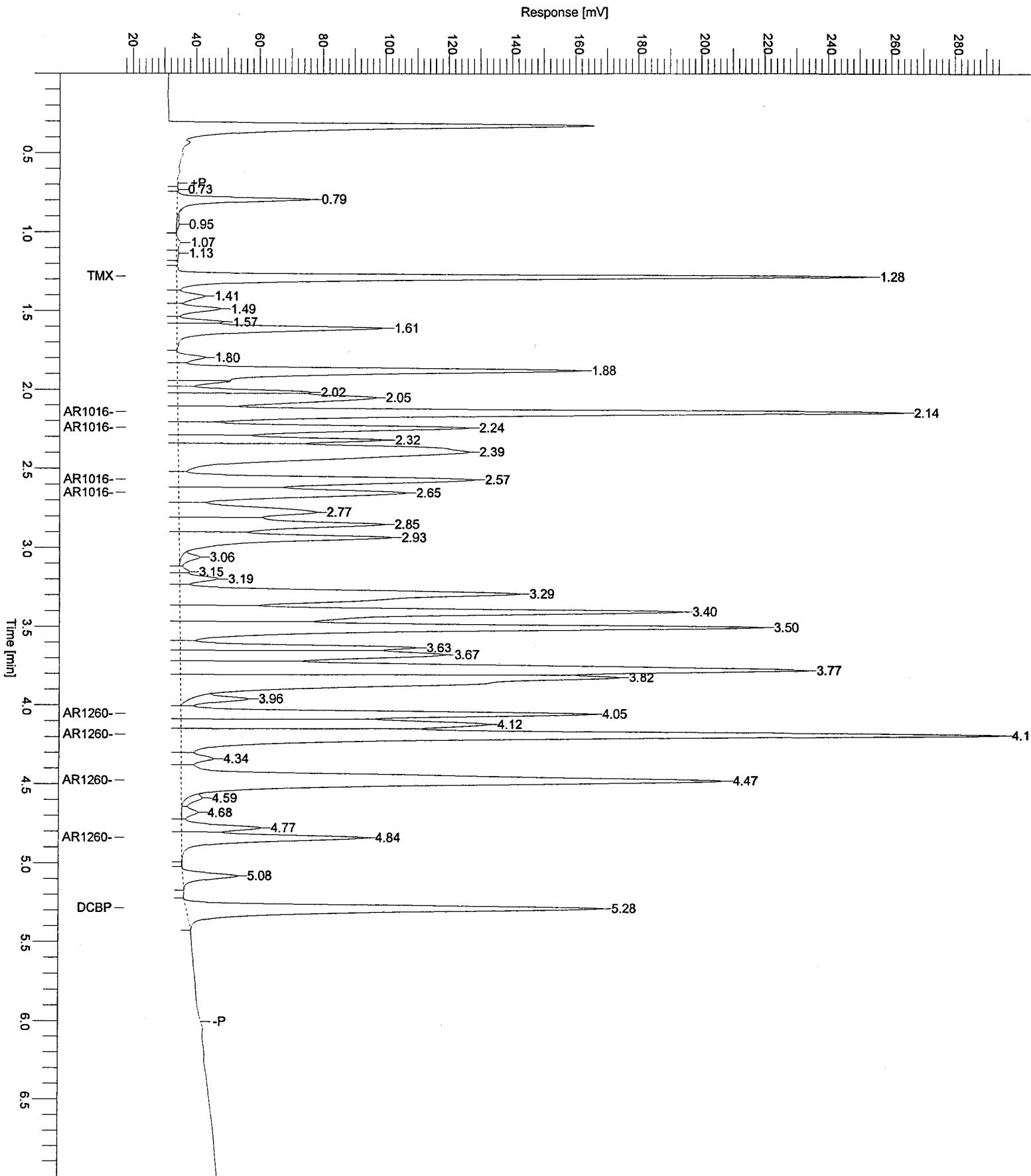
Low Point : 17.66 mV

High Point : 295.32 mV

Scale Factor: 1.0

Plot Offset: 17.66 mV

Plot Scale: 277.7 mV



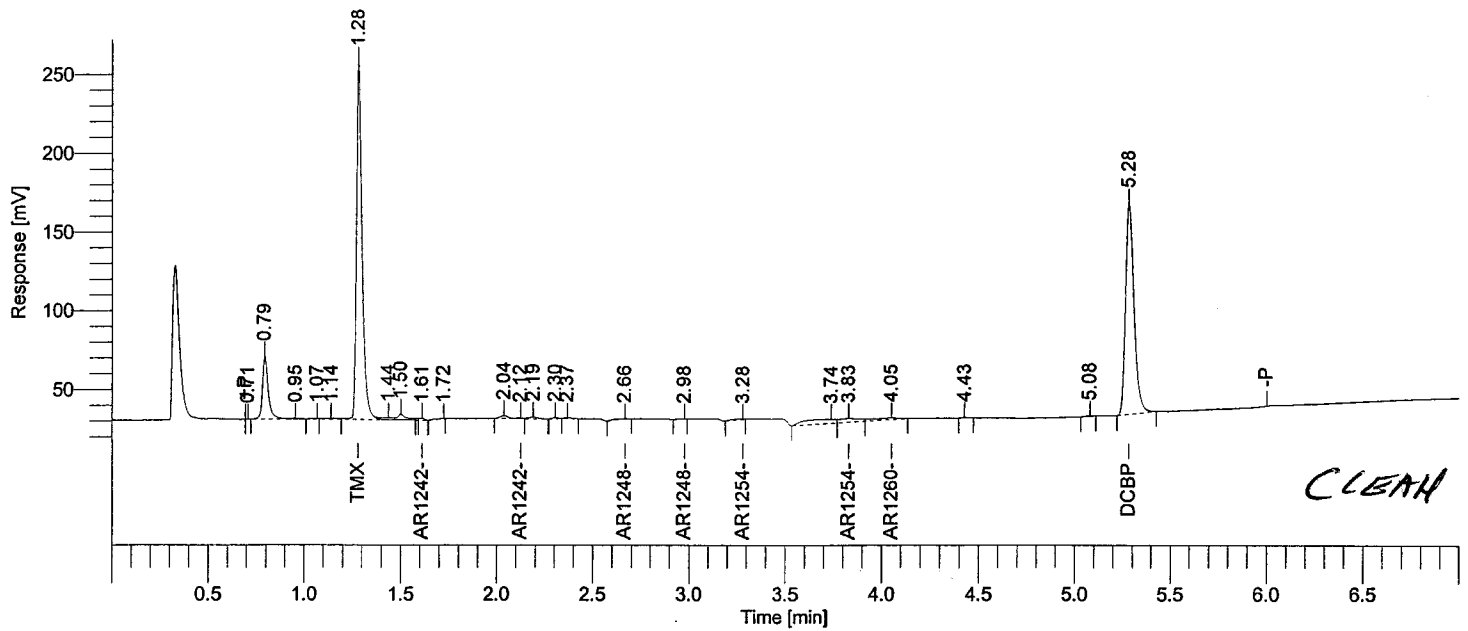
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Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 201299
Operator : tchrom
Sample Number : 0.03NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/08/2008 08:15:33

Date : 07/08/2008 10:00:43
Sample Name : ICM3PL
Study : IBLK
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 7.00 min
Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 4
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B36015.raw <Modified>
Result File : H:\TURBO6\5890-12\12B36015.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36015.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36015.rst
Calib Method : h:\turbo6\5890-12\12b-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12B36015.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.28	VE	466987	TMX	0.03159	-----	0
	1.61		3774	AR1242	0.00138	3.46e-04	4
	2.66		3555	AR1248	0.00120	3.00e-04	4
	3.83		20099	AR1254	0.00455	0.00114	4
	4.05		11958	AR1260	0.00346	7.89e-04	4
24	5.28	BB	406774	DCBP	0.03233	-----	0
			913147				0.00257

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07/08/2008 10:00:43 Result: H:\TURBO6\5890-12\12B36015.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	1.61	VB	2514	AR1242-A	0.00742	0.00185	4
-	1.89		0	AR1242-B	0.00000	-----	-
12	2.12	EV	1261	AR1242-C	0.00110	2.75e-04	4
-	2.25		0	AR1242-D	0.00000	-----	-
			3774			0.00213	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.58		0	AR1248-A	0.00000	-----	-
16	2.66	BB	3176	AR1248-B	0.00489	0.00122	4
-	2.79		0	AR1248-C	0.00000	-----	-
17	2.98	BB	378	AR1248-D	5.62e-04	1.40e-04	4
			3555			0.00136	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	3.28	BB	2325	AR1254-A	0.00162	4.04e-04	4
-	3.41		0	AR1254-B	0.00000	-----	-
-	3.51		0	AR1254-C	0.00000	-----	-
20	3.83	VV	17775	AR1254-D	0.01614	0.00404	4
			20099			0.00444	

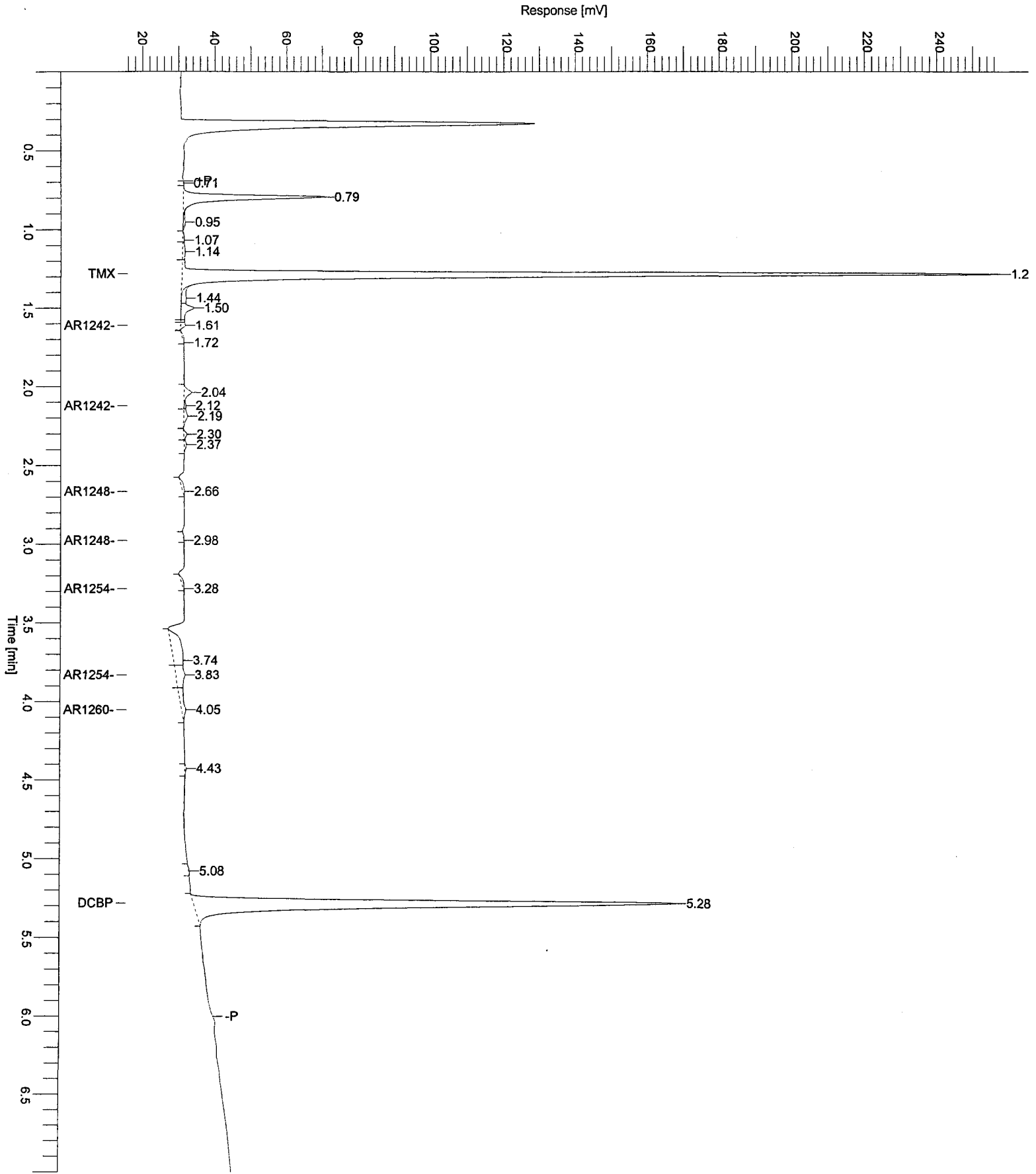
JUL 8 2008

BD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
21	4.05	VB	11958	AR1260-A	0.02012	0.00503	4
-	4.20		0	AR1260-B	0.00000	-----	-
-	4.49		0	AR1260-C	0.00000	-----	-
-	4.85		0	AR1260-D	0.00000	-----	-
			11958			0.00503	

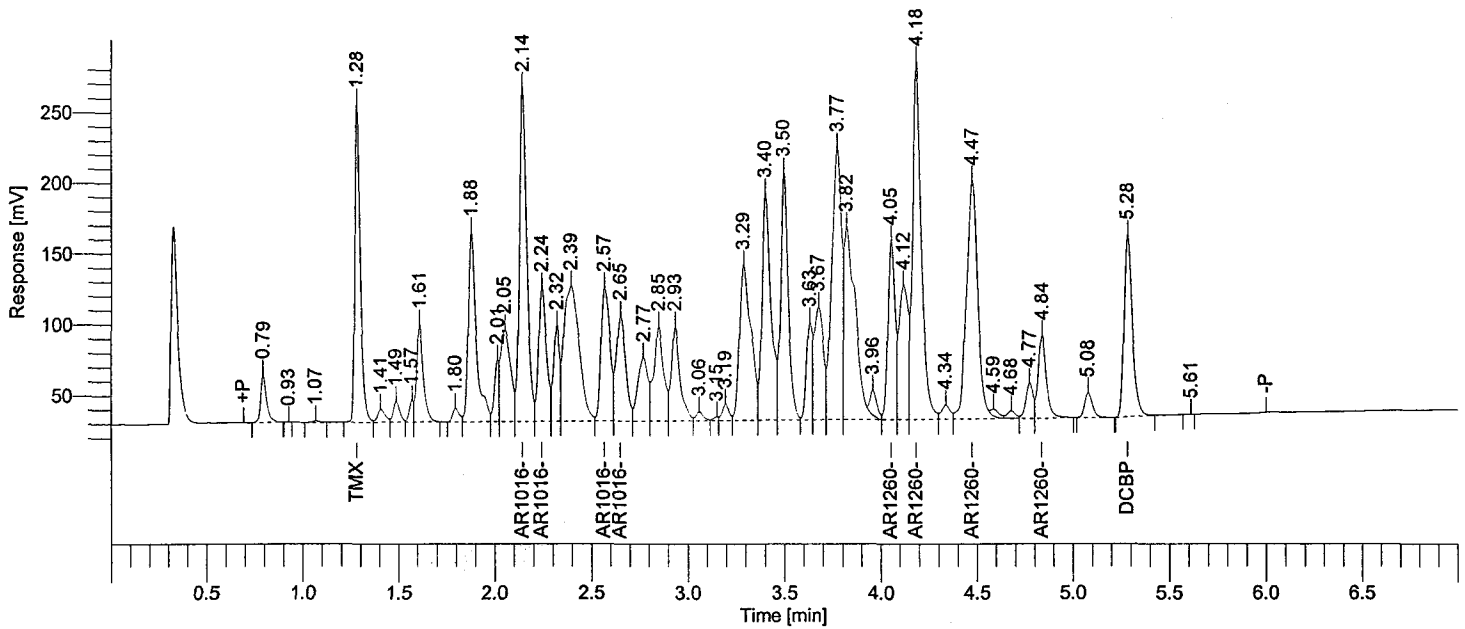
Sample Name : ICM3PL
File Name : H:\TURBO6\5890-12\12B36015.raw
Date : 07/08/2008 10:00:45
Method : 12DINS
Start Time : 0.00 min
Scale Factor : 1.0
Sample #: 0.03NG
Page 1 of 1
Time of Injection: 07/08/2008 08:15:33
End Time : 7.00 min
Plot Offset: 15.75 mV
Low Point : 15.75 mV
High Point : 257.91 mV
Plot Scale: 242.2 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2042: 201361
 Operator : tchrom
 Sample Number : 0.5NG
 AutoSampler : NONE
 Instrument Name : HP5890-12
 Interface Serial # : 4118271166
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 07/08/2008 13:19:46

Date : 07/09/2008 07:30:18
 Sample Name : ICM66VL
 Study : CCV
 Rack/Vial : 0/0
 Channel : B
 A/D mV Range : 1000
 End Time : 7.00 min
 Area Reject : 8000.000000
 Dilution Factor : 1.00
 Cycle : 11

Raw Data File : H:\TURBO6\5890-12\12B36026.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B36026.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36026.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36026.rst
 Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B36026.rst
 Report Format File: h:\turbo6\5890-12\12%d.rpt
 Sequence File : H:\TURBO6\5890-12\12D36.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.28	VV	456556	TMX	0.03088	14784882	913112	2.9	1.21 - 1.35
2.14		1452668	AR1016	0.53876	2696306	2905336	7.8	2.07 - 2.21
4.18		1988577	AR1260	0.52484	3788908	3977154	5.0	4.11 - 4.25
5.28	BB	386851	DCBP	0.03075	12580454	773701	2.5	5.21 - 5.35
		4284651		1.12523		8569303		

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 BTD

07/09/2008 07:30:18 Result: H:\TURBO6\5890-12\12B36026.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
2.14	VV	629554	AR1016-A	0.54682	1151292	1259107	9.4	2.07	-	2.21
2.24	VV	263464	AR1016-B	0.53463	492801	526928	6.9	2.17	-	2.31
2.57	VV	303468	AR1016-C	0.54019	561781	606936	8.0	2.50	-	2.64
2.65	VV	256182	AR1016-D	0.52236	490432	512364	4.5	2.58	-	2.72
		1452668		2.14400		2905336				

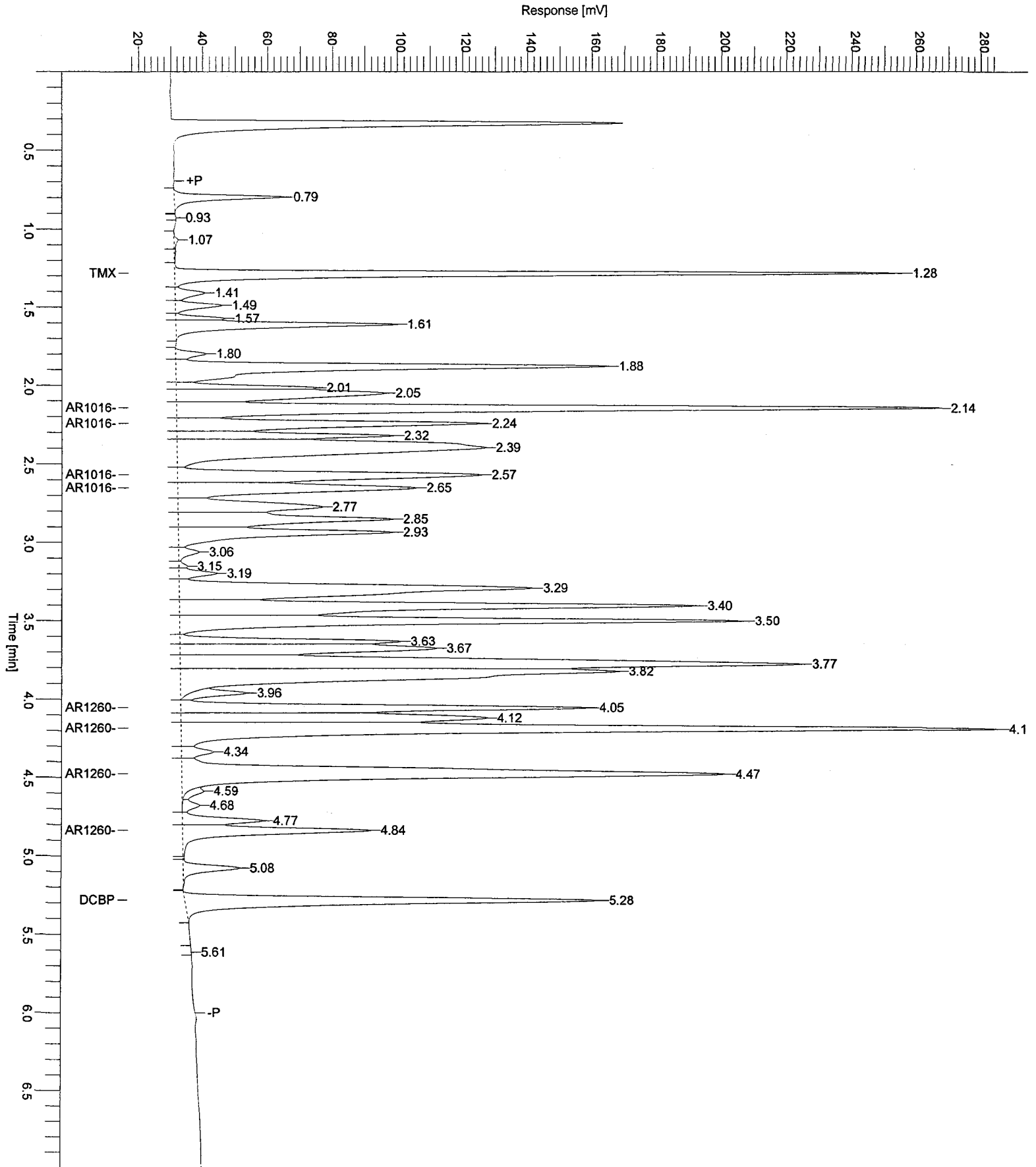
Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
4.05	VV	326029	AR1260-A	0.54868	594206	652057	9.7	3.98	-	4.12
4.18	VV	804900	AR1260-B	0.54301	1482294	1609799	8.6	4.11	-	4.25
4.47	VE	683700	AR1260-C	0.51854	1318506	1367401	3.7	4.40	-	4.54
4.84	VV	173948	AR1260-D	0.44160	393901	347897	-11.7	4.77	-	4.91
		1988577		2.05183		3977154				

Chromatogram

2695/4151

Sample Name : ICM66VL
File Name : H:\TURBO6\5890-12\12B36026.raw
Date : 07/09/2008 07:30:20
Method : 12DINS
Time of Injection : 07/08/2008 13:19:46
Start Time : 0.00 min
End Time : 7.00 min
Low Point : 16.91 mV
High Point : 285.73 mV
Scale Factor : 1.0
Plot Offset : 16.91 mV
Plot Scale : 268.8 mV



```

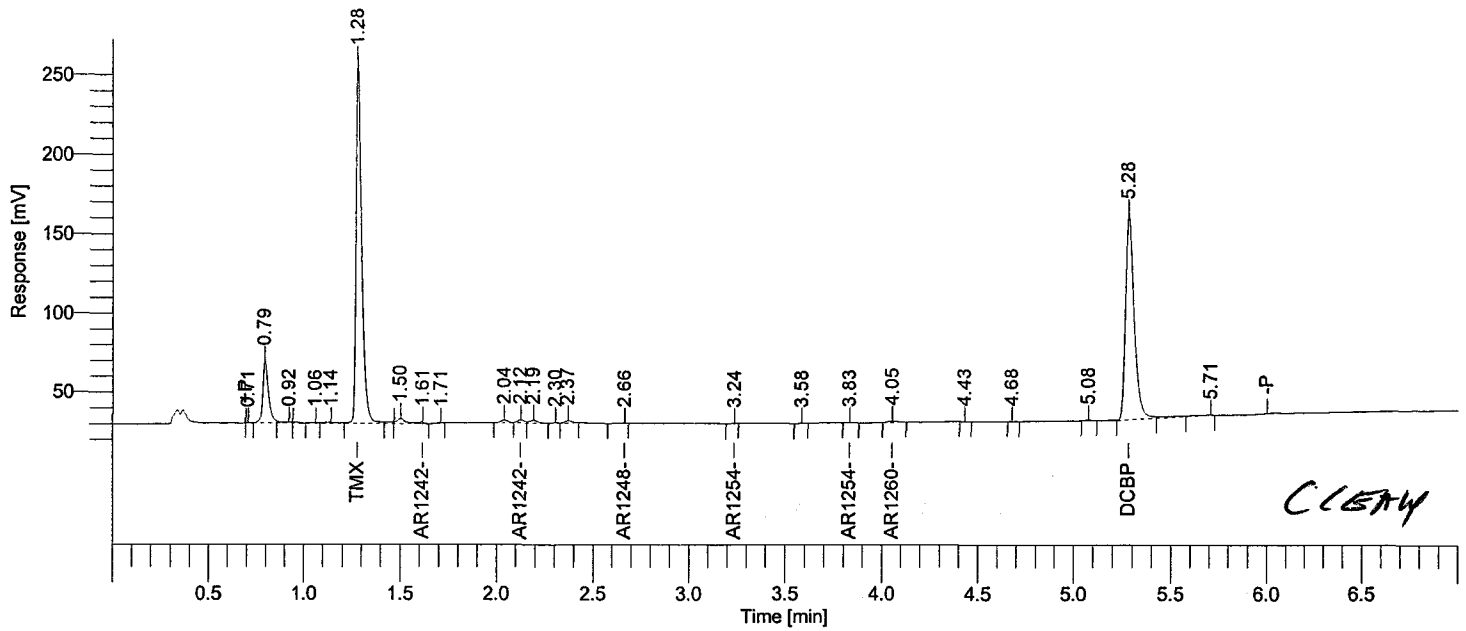
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 201363
Operator : tchrom
Sample Number : 0.03NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/08/2008 13:34:15

Date : 07/09/2008 07:30:31
Sample Name : ICM3PO
Study : IBLK
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 12
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B36027.raw <Modified>
Result File : H:\TURBO6\5890-12\12B36027.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36027.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36027.rst
Calib Method : h:\turbo6\5890-12\12b-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12B36027.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.28	VV	471315	TMX	0.03188	-----	0
	2.12		7667	AR1242	0.00281	7.02e-04	4
	3.83		1177	AR1254	2.66e-04	6.66e-05	4
	4.05		2895	AR1260	7.64e-04	1.91e-04	4
23	5.28	BV	400122	DCBP	0.03181	-----	0
			883176			9.60e-04	

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07/09/2008 07:30:31 Result: H:\TURBO6\5890-12\12B36027.rst

Group Report For: AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	1.61	EB	2729	AR1242-A	0.00806	0.00201	4
-	1.89		0	AR1242-B	0.00000	-----	-
11	2.12	VV	4938	AR1242-C	0.00431	0.00108	4
-	2.25		0	AR1242-D	0.00000	-----	-
			7667			0.00309	

Group Report For: AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.58		0	AR1248-A	0.00000	-----	-
15	2.66	BB	700	AR1248-B	0.00108	2.70e-04	4
-	2.79		0	AR1248-C	0.00000	-----	-
-	3.00		0	AR1248-D	0.00000	-----	-
			700			2.70e-04	

Group Report For: AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
16	3.24	BB	430	AR1254-A	2.99e-04	7.48e-05	4
-	3.41		0	AR1254-B	0.00000	-----	-
-	3.51		0	AR1254-C	0.00000	-----	-
18	3.83	BB	747	AR1254-D	6.78e-04	1.70e-04	4
			1177			2.44e-04	

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SPD

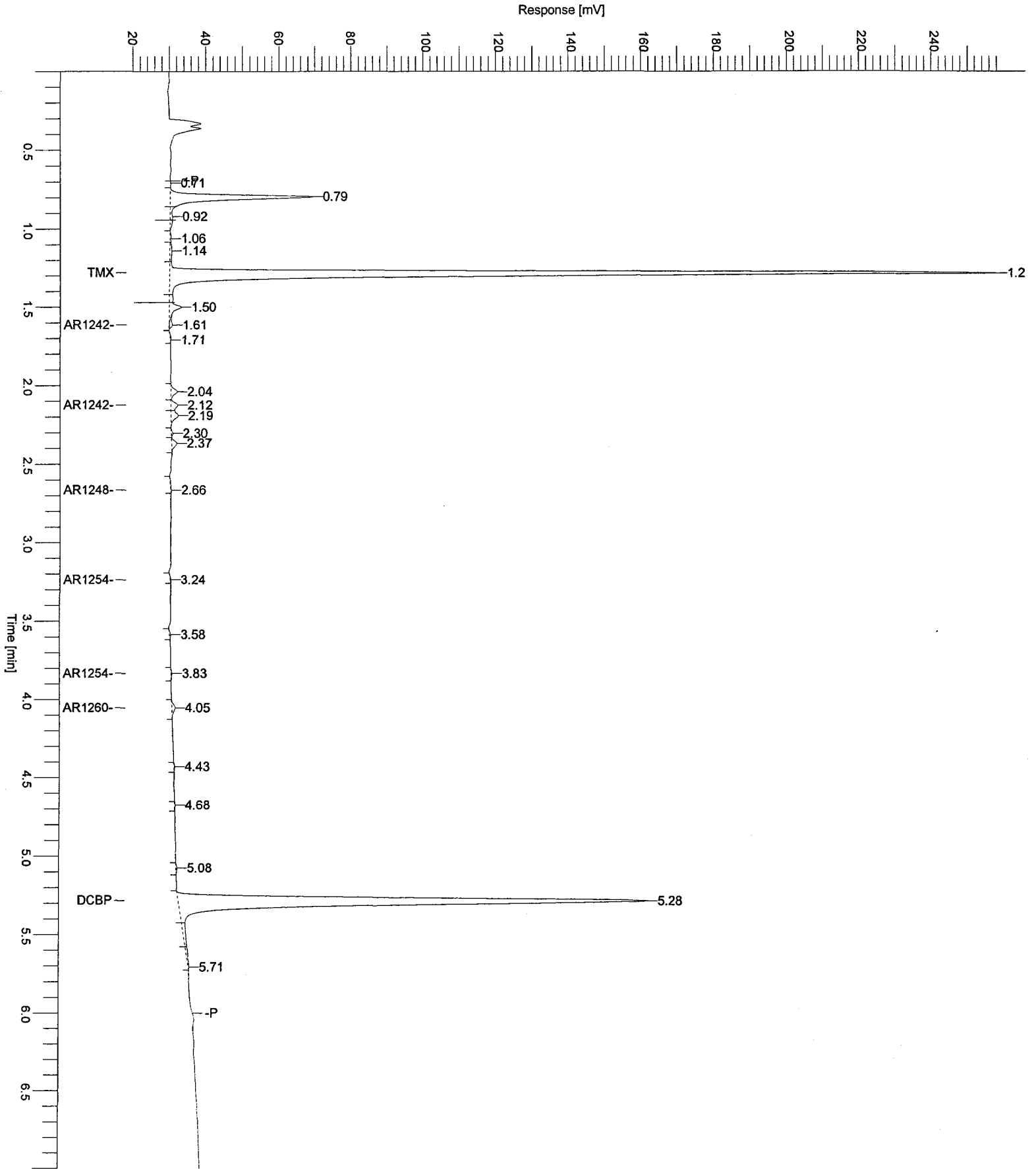
Group Report For: AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	4.05	BB	2895	AR1260-A	0.00487	0.00122	4
-	4.20		0	AR1260-B	0.00000	-----	-
-	4.49		0	AR1260-C	0.00000	-----	-
-	4.85		0	AR1260-D	0.00000	-----	-
			2895			0.00122	

Chromatogram

2698/4151

Sample Name : ICM3PO Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\5890-12\112B36027.raw
Date : 07/09/2008 07:30:32
Method : 12DINS Time of Injection: 07/08/2008 13:34:15
Start Time : 0.00 min End Time : 7.00 min Low Point : 18.22 mV High Point : 258.35 mV
Scale Factor: 1.0 Plot Offset: 18.22 mV Plot Scale: 240.1 mV



```

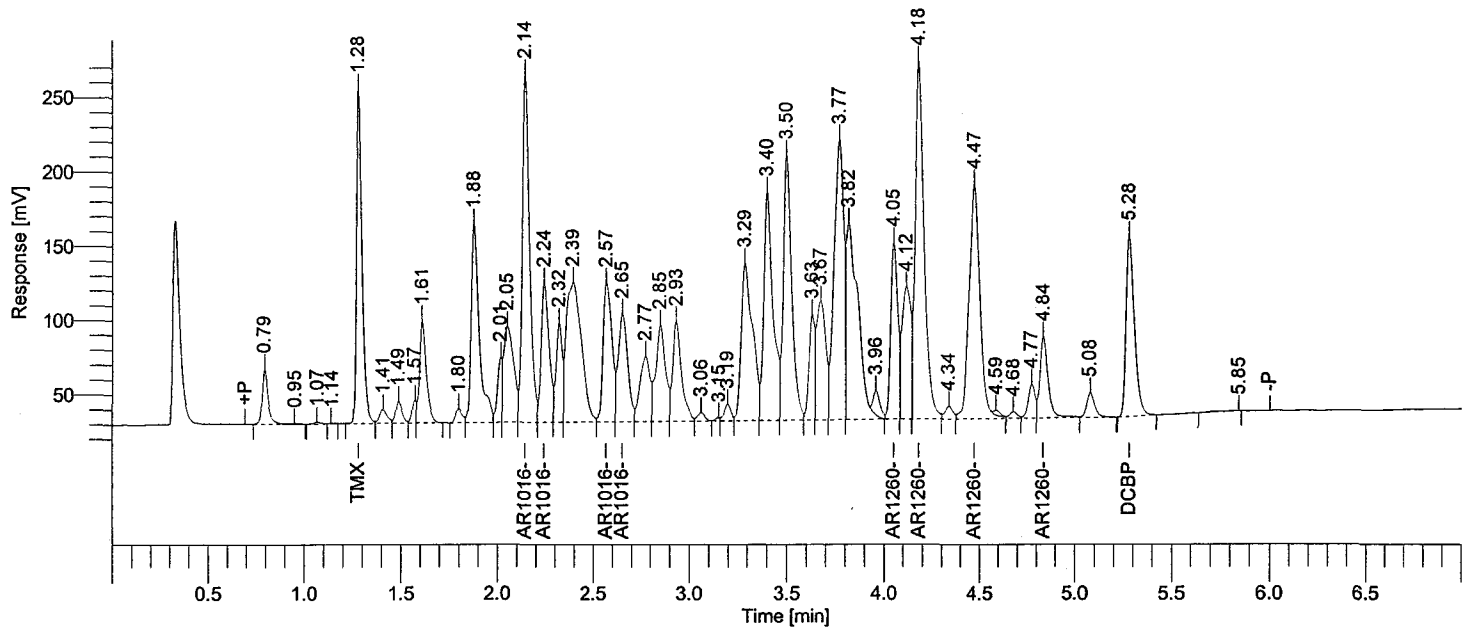
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 201377
Operator : tchrom
Sample Number : 0.5NG
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/08/2008 15:14:10

Date : 07/09/2008 07:31:50
Sample Name : ICM66VL
Study : CCV
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 19
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B36034.raw <Modified>
Result File : H:\TURBO6\5890-12\12B36034.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36034.raw
Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36034.rst
Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B36034.rst
Report Format File: h:\turbo6\5890-12\12%d.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Win
1.28	VV	458367	TMX	0.03100	14784882	916733	3.3	1.21 - 1.35
2.14		1442705	AR1016	0.53507	2696306	2885409	7.0	2.07 - 2.21
4.18		1866902	AR1260	0.49273	3788908	3733803	-1.5	4.11 - 4.25
5.28	BB	365290	DCBP	0.02904	12580454	730579	-3.2	5.21 - 5.35
		4133262		1.08783		8266525		

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07/09/2008 07:31:50 Result: H:\TURBO6\5890-12\12B36034.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
2.14	VV	625661	AR1016-A	0.54344	1151292	1251322	8.7	2.07	-	2.21
2.24	VV	264416	AR1016-B	0.53656	492801	528832	7.3	2.17	-	2.31
2.57	VV	301992	AR1016-C	0.53756	561781	603984	7.5	2.50	-	2.64
2.65	VV	250635	AR1016-D	0.51105	490432	501271	2.2	2.58	-	2.72
		1442705		2.12861		2885409				

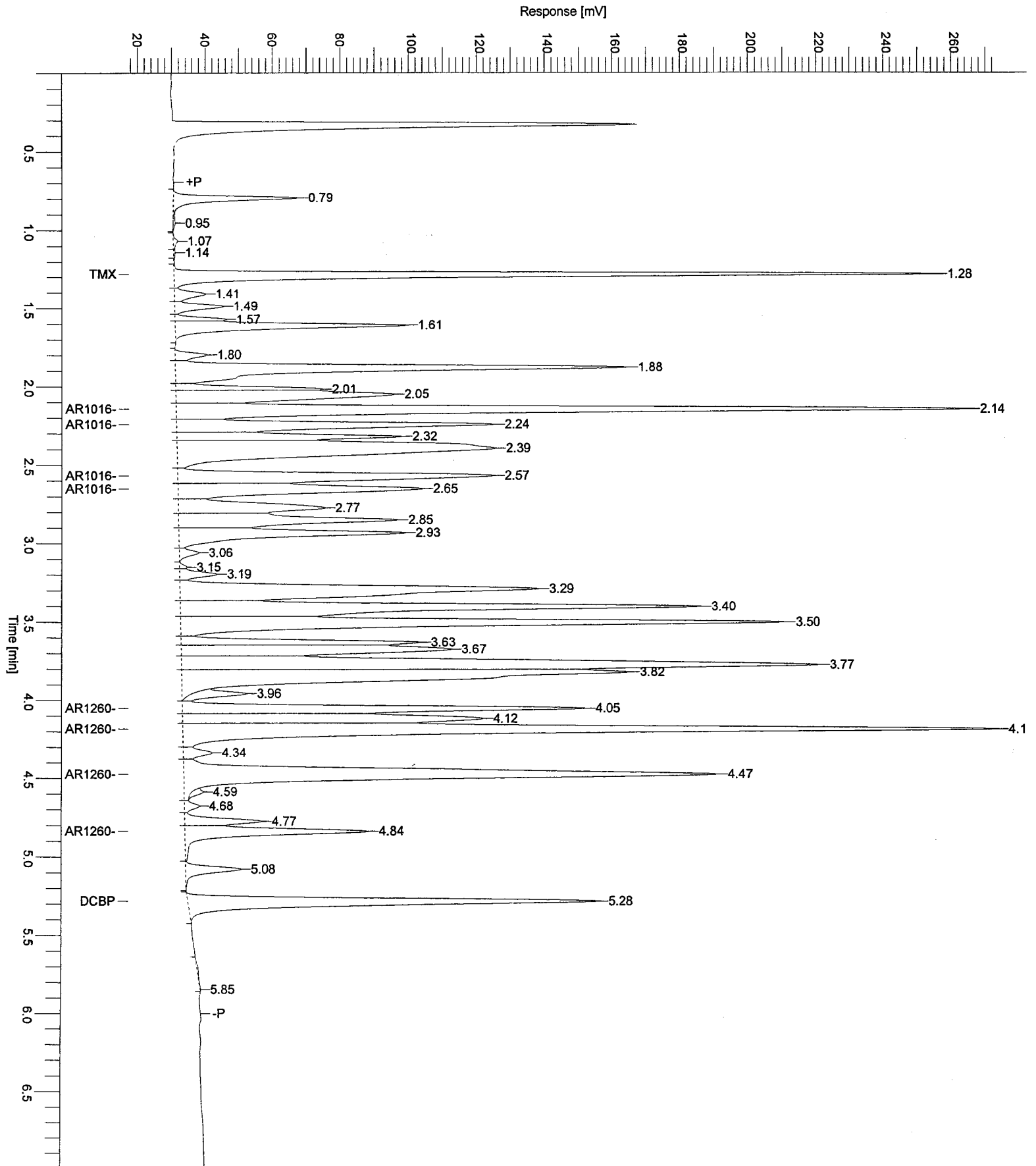
Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONC. NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Win
4.05	VV	306749	AR1260-A	0.51623	594206	613499	3.2	3.98	-	4.12
4.18	VV	758900	AR1260-B	0.51198	1482294	1517801	2.4	4.11	-	4.25
4.47	VE	637661	AR1260-C	0.48362	1318506	1275322	-3.3	4.40	-	4.54
4.84	VV	163591	AR1260-D	0.41531	393901	327182	-16.9	4.77	-	4.91
		1866902		1.92714		3733803				

Chromatogram

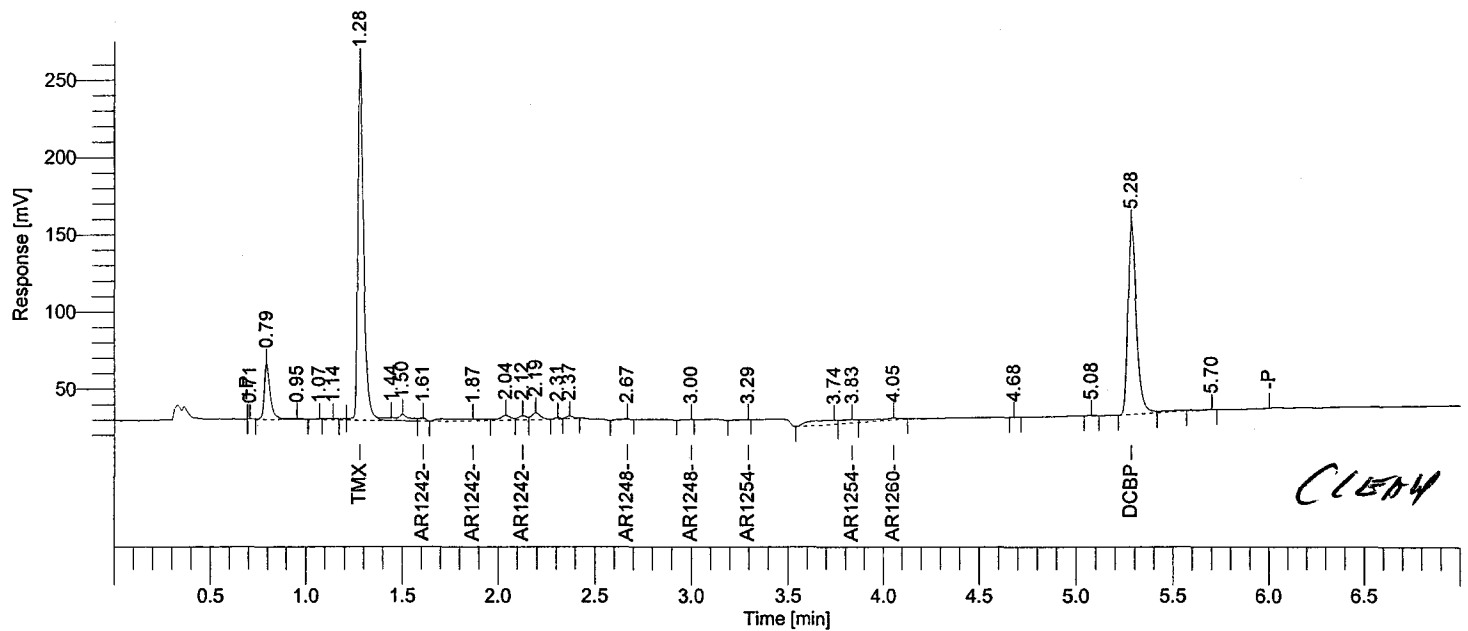
2701/4151

Sample Name : ICM66VL Sample # : 0.5NG Page 1 of 1
File Name : H:\TURBO6\5890-12\12B36034.raw
Date : 07/09/2008 07:31:52 Time of Injection : 07/08/2008 15:14:10
Method : 12DINS Start Time : 0.00 min End Time : 7.00 min Low Point : 17.46 mV High Point : 273.92 mV
Scale Factor : 1.0 Plot Offset : 17.46 mV Plot Scale : 256.5 mV



Software Version : 6.2.1.0.104:0104 Date : 07/09/2008 07:32:00
 Reprocess Number : buf2042: 201379
 Operator : tchrom Sample Name : ICM3PO
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-12 Channel : B
 Interface Serial # : 4118271166 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/08/2008 15:28:26 Cycle : 20

Raw Data File : H:\TURBO6\5890-12\12B36035.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B36035.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36035.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36035.rst
 Calib Method : h:\turbo6\5890-12\12b-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12B36035.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D36.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.28	VE	480850	TMX	0.03252	-----	0
	2.12		36102	AR1242	0.01323	0.00331	4
	2.67		3120	AR1248	0.00105	2.63e-04	4
	3.83		16035	AR1254	0.00363	9.07e-04	4
	4.05		16103	AR1260	0.00425	0.00106	4
	24	5.28	BV	377834	DCBP	0.03003	-----
			930045			0.00554	

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07/09/2008 07:32:00 Result: H:\TURBO6\5890-12\12B36035.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	1.61	VB	5393	AR1242-A	0.01592	0.00398	4
10	1.87	BV	22033	AR1242-B	0.02944	0.00736	4
12	2.12	VV	8676	AR1242-C	0.00757	0.00189	4
-	2.25		0	AR1242-D	0.00000	-----	-
			36102			0.01323	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	2.58		0	AR1248-A	0.00000	-----	-
16	2.67	BB	2394	AR1248-B	0.00369	9.22e-04	4
-	2.79		0	AR1248-C	0.00000	-----	-
17	3.00	BB	726	AR1248-D	0.00108	2.69e-04	4
			3120			0.00119	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	3.29	BB	1506	AR1254-A	0.00105	2.62e-04	4
-	3.41		0	AR1254-B	0.00000	-----	-
-	3.51		0	AR1254-C	0.00000	-----	-
20	3.83	VV	14529	AR1254-D	0.01319	0.00330	4
			16035			0.00356	

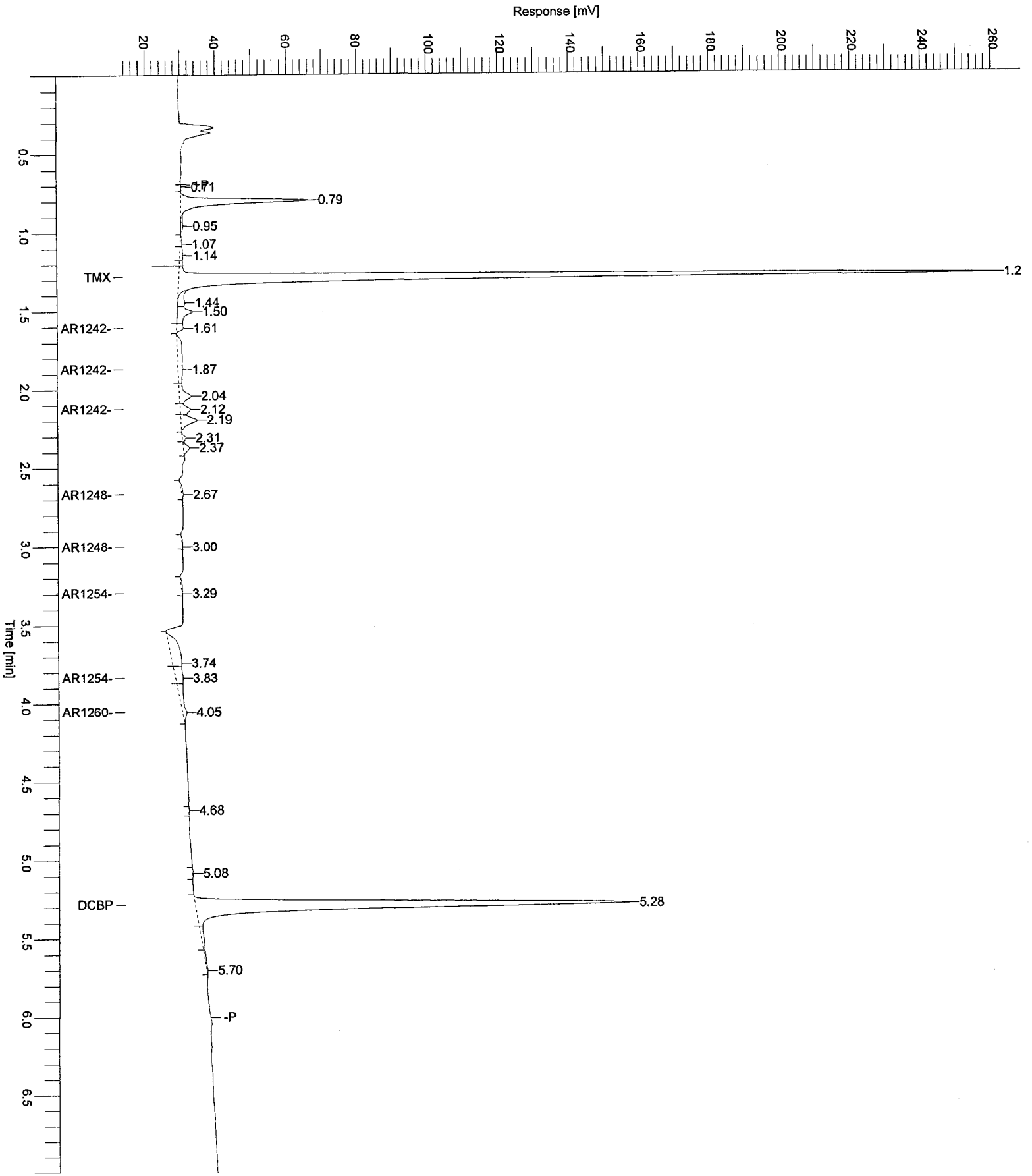
JUL 9 2008

BAD

Group Report For : AR1260

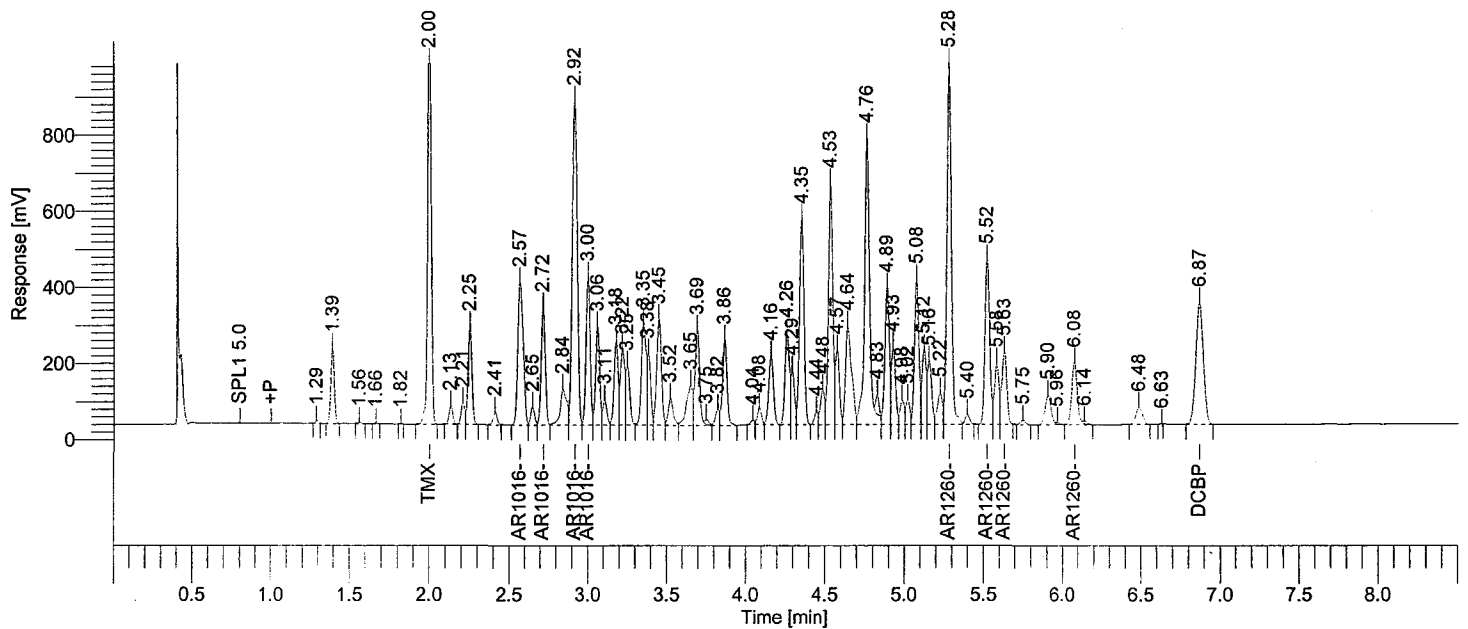
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
21	4.05	VB	16103	AR1260-A	0.02710	0.00678	4
-	4.20		0	AR1260-B	0.00000	-----	-
-	4.49		0	AR1260-C	0.00000	-----	-
-	4.85		0	AR1260-D	0.00000	-----	-
			16103			0.00678	

Sample Name : ICM3PO Sample # : 0.03NG Page 1 of 1
File Name : H:\TURBO6\5890-12\12B36035.raw
Date : 07/09/2008 07:32:02
Method : 12DINS Time of Injection: 07/08/2008 15:28:26
Start Time : 0.00 min End Time : 7.00 min Low Point : 13.62 mV High Point : 260.59 mV
Scale Factor : 1.0 Plot Offset: 13.62 mV Plot Scale: 247.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 11:19:23
 Reprocess Number : buf2042: 200366
 Operator : tchrom Sample Name : ICM66VL
 Sample Number : 0.5NG Study : CCV
 AutoSampler : BUILT-IN Rack/Vial : 1/1
 Instrument Name : HP6890-07 Channel : A
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.94 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/02/2008 10:57:03 Cycle : 4

Raw Data File : H:\TURBO6\6890-07\7a63101.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a63101.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63101.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63101.rst
 Calib Method : h:\turbo6\6890-07\7a66(06-23-08).mth from H:\TURBO6\6890-07\7a63101.rst
 Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.00	BB	1657127	TMX	0.03140	5.2774e+07	3.3143e+06	4.7	1.93 - 2.07
2.92		3958933	AR1016	0.46567	8.5017e+06	7.9179e+06	-6.9	2.85 - 2.99
5.28		3584920	AR1260	0.45671	7.8494e+06	7.1698e+06	-8.7	5.21 - 5.35
6.87	BB	1051193	DCBP	0.02911	3.6110e+07	2.1024e+06	-3.0	6.80 - 6.94
		10252173		0.98289	2.0504e+07			

JUL 2 2008

07/02/2008 11:19:23 Result: H:\TURBO6\6890-07\7a63101.rst

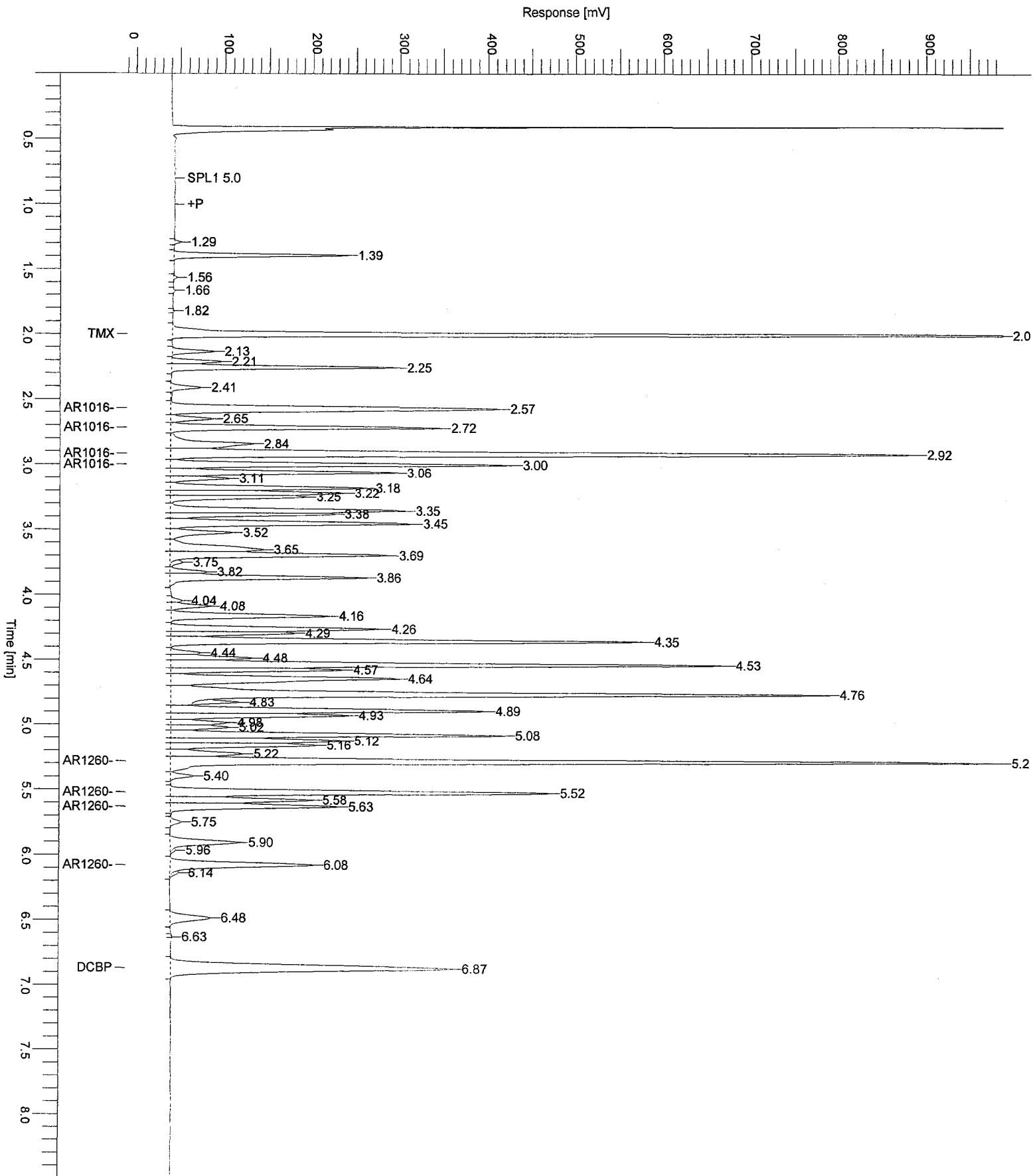
Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.57	VV	897416	AR1016-A	0.46252	1.9403e+06	1.7948e+06	-7.5	2.50	-	2.64
2.72	VV	544298	AR1016-B	0.46202	1.1781e+06	1.0886e+06	-7.6	2.65	-	2.79
2.92	VV	1829674	AR1016-C	0.48053	3.8076e+06	3.6593e+06	-3.9	2.85	-	2.99
3.00	VV	687545	AR1016-D	0.43636	1.5756e+06	1.3751e+06	-12.7	2.93	-	3.07
				3958933	1.84142	7.9179e+06				

Group Report For : AR1260

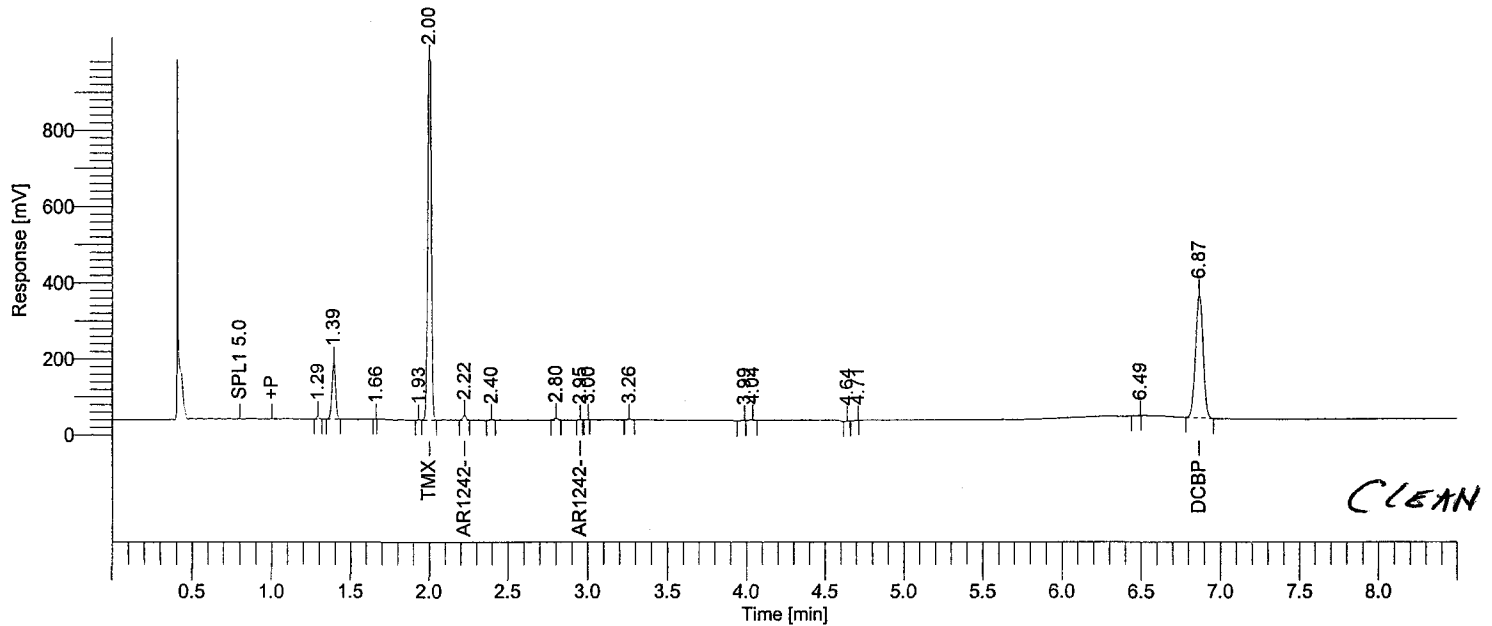
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
5.28	VV	1845677	AR1260-A	0.45838	4.0265e+06	3.6914e+06	-8.3	5.21	-	5.35
5.52	VV	917828	AR1260-B	0.44394	2.0675e+06	1.8357e+06	-11.2	5.45	-	5.59
5.63	VV	405251	AR1260-C	0.43251	9.3698e+05	8.1050e+05	-13.5	5.56	-	5.70
6.08	VE	416164	AR1260-D	0.50846	8.1848e+05	8.3233e+05	1.7	6.01	-	6.15
				3584920	1.84329	7.1698e+06				

Sample Name : ICM66VL
File Name : H:\TURBO6\6890-0717a63101.raw
Date : 07/02/2008 11:19:25
Method : 6890-7pcbins
Time of Injection : 07/02/2008 10:57:03
Start Time : 0.00 min
End Time : 8.50 min
Low Point : -11.93 mV
High Point : 988.07 mV
Plot Offset : -11.93 mV
Plot Scale : 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 11:42:26
 Reprocess Number : buf2042: 200370
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/2
 Instrument Name : HP6890-07 Channel : A
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.95 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/02/2008 11:15:26 Cycle : 1

Raw Data File : H:\TURBO6\6890-07\7a63102.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a63102.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63102.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63102.rst
 Calib Method : h:\turbo6\6890-07\07a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63102.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	2.00	VB	1632701	TMX	0.03094	-----	0
	2.22		21108	AR1242	0.00347	8.68e-04	4
17	6.87	BB	1066617	DCBP	0.02954	-----	0
			2720426			8.68e-04	

JUL 2 2008

ED

07/02/2008 11:42:26 Result: H:\TURBO6\6890-07\7a63102.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	2.22	BB	20118	AR1242-A	0.02847	0.00712	4
-	2.57		0	AR1242-B	0.00000	-----	-
-	2.72		0	AR1242-C	0.00000	-----	-
9	2.95	BB	990	AR1242-D	3.32e-04	8.31e-05	4
			21108			0.00720	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.35		0	AR1248-A	0.00000	-----	-
-	3.45		0	AR1248-B	0.00000	-----	-
-	3.52		0	AR1248-C	0.00000	-----	-
-	3.69		0	AR1248-D	0.00000	-----	-
			0			0.00000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.87		0	AR1254-A	0.00000	-----	-
-	4.16		0	AR1254-B	0.00000	-----	-
-	4.36		0	AR1254-C	0.00000	-----	-
-	4.76		0	AR1254-D	0.00000	-----	-
			0			0.00000	

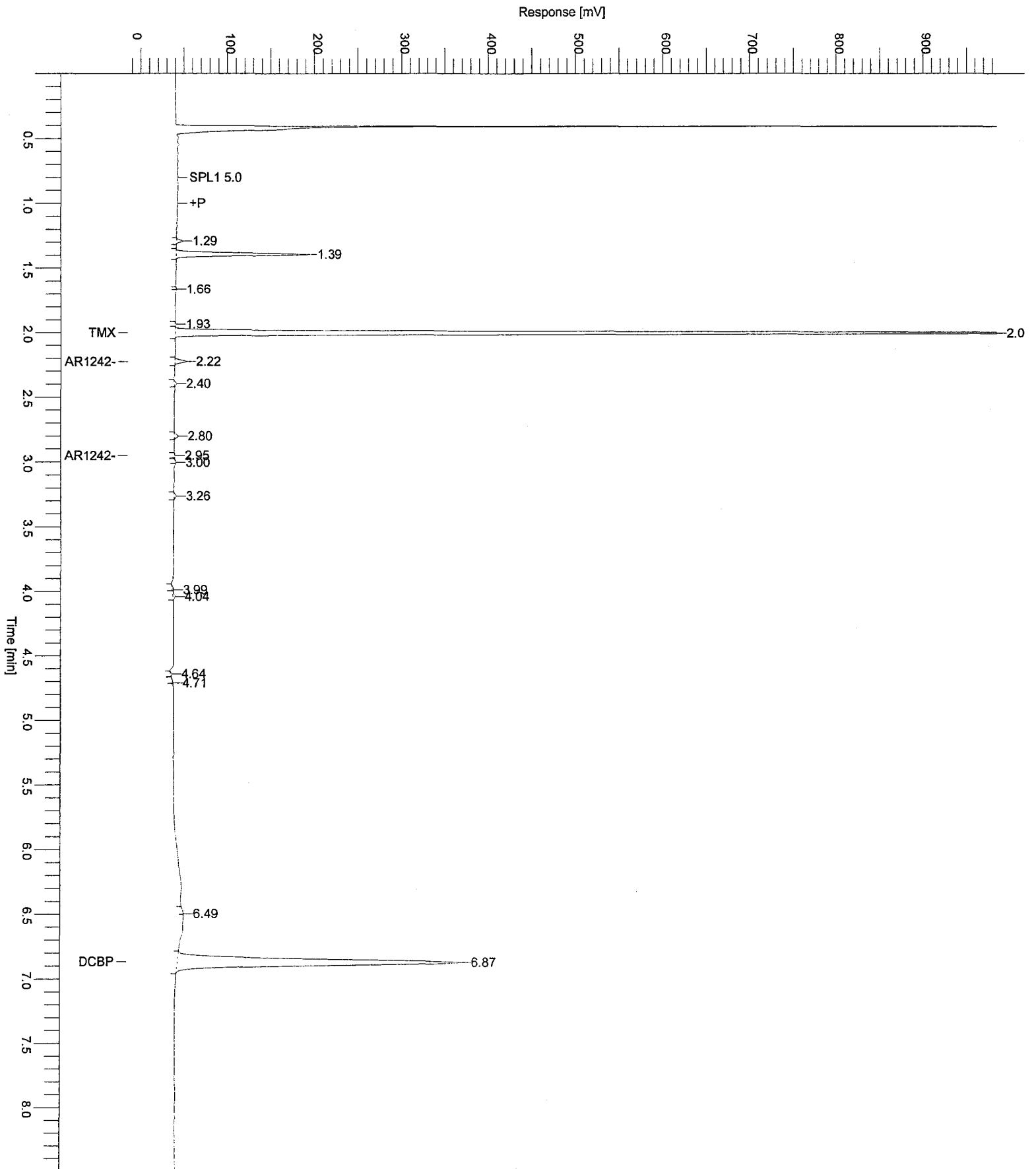
JUL 2 2008

SD

Group Report For : AR1260

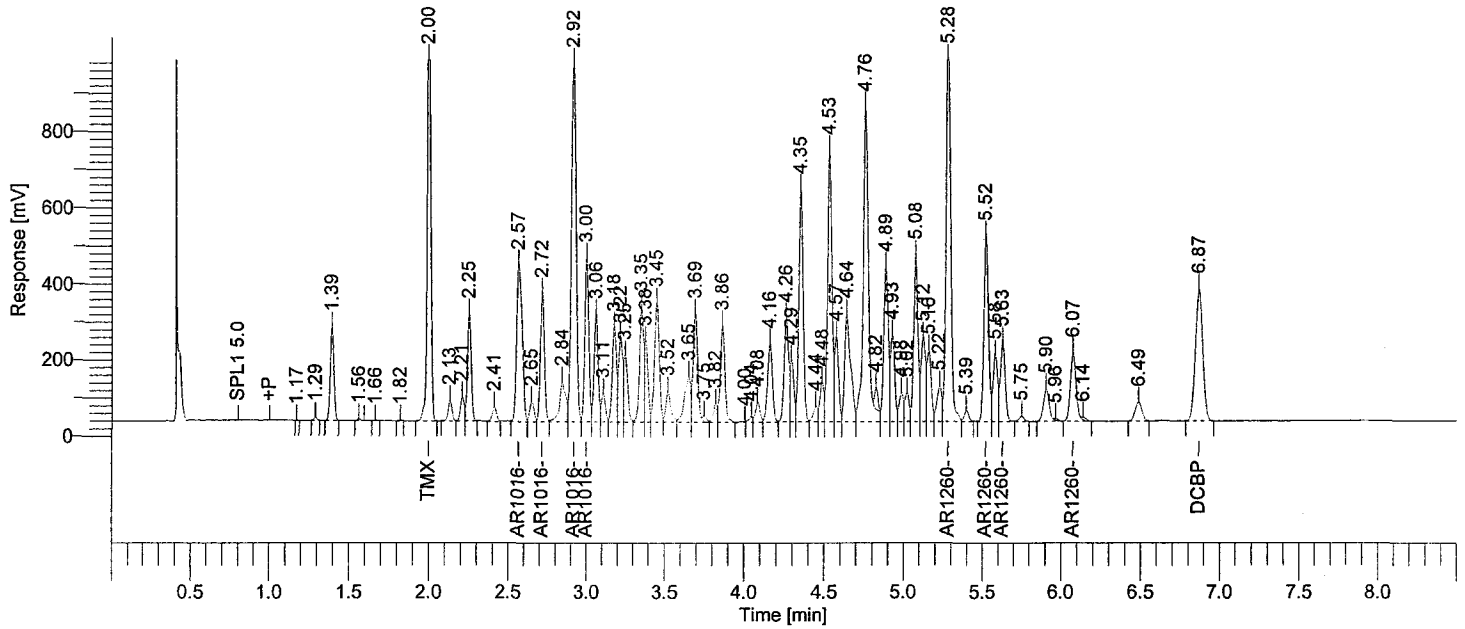
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	5.28		0	AR1260-A	0.00000	-----	-
-	5.52		0	AR1260-B	0.00000	-----	-
-	5.63		0	AR1260-C	0.00000	-----	-
-	6.08		0	AR1260-D	0.00000	-----	-
			0			0.00000	

Sample Name : ICM3PL Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\6890-0717a63102.raw
Date : 07/02/2008 11:42:28 Time of Injection: 07/02/2008 11:15:26
Method : 6890-7pcbins
Start Time : 0.00 min End Time : 8.50 min Low Point : -15.52 mV High Point : 984.48 mV
Plot Offset: -15.52 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 14:09:01
 Reprocess Number : buf2042: 200404
 Operator : tchrom Sample Name : ICM66VL
 Sample Number : 0.5NG Study : CCV
 AutoSampler : BUILT-IN Rack/Vial : 1/8
 Instrument Name : HP6890-07 Channel : A
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.95 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/02/2008 13:19:54 Cycle : 6

Raw Data File : H:\TURBO6\6890-07\7a63108.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a63108.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63108.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63108.rst
 Calib Method : h:\turbo6\6890-07\7a66(06-23-08).mth from H:\TURBO6\6890-07\7a63108.rst
 Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.00	BB	1827111	TMX	0.03462	5.2774e+07	3.6542e+06	15.4	1.93 - 2.07
2.92		4403400	AR1016	0.51795	8.5017e+06	8.8068e+06	3.6	2.85 - 2.99
5.28		3948526	AR1260	0.50303	7.8494e+06	7.8971e+06	0.6	5.21 - 5.35
6.87	BB	1135351	DCBP	0.03144	3.6110e+07	2.2707e+06	4.8	6.80 - 6.94
		11314388		1.08704		2.2629e+07		

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 (Signature)

07/02/2008 14:09:01 Result: H:\TURBO6\6890-07\7a63108.rst

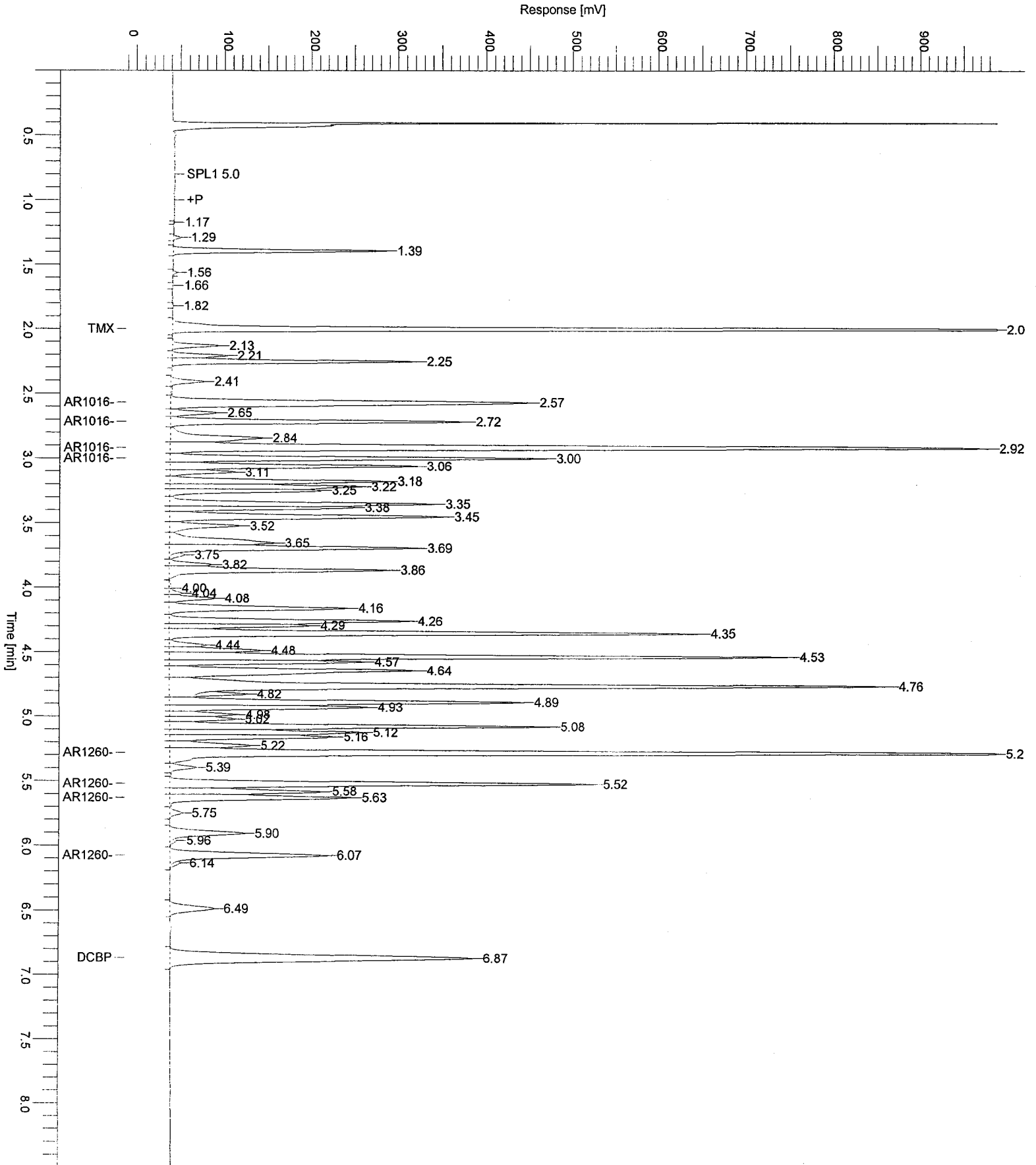
Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.57	VV	991384	AR1016-A	0.51095	1.9403e+06	1.9828e+06	2.2	2.50	-	2.64
2.72	VV	604643	AR1016-B	0.51324	1.1781e+06	1.2093e+06	2.6	2.65	-	2.79
2.92	VV	2041596	AR1016-C	0.53618	3.8076e+06	4.0832e+06	7.2	2.85	-	2.99
3.00	VV	765776	AR1016-D	0.48601	1.5756e+06	1.5316e+06	-2.8	2.93	-	3.07
				4403400	2.04638	8.8068e+06				

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
5.28	VV	2042522	AR1260-A	0.50727	4.0265e+06	4.0850e+06	1.5	5.21	-	5.35
5.52	VV	1006429	AR1260-B	0.48679	2.0675e+06	2.0129e+06	-2.6	5.45	-	5.59
5.63	VV	445682	AR1260-C	0.47566	9.3698e+05	8.9136e+05	-4.9	5.56	-	5.70
6.07	VE	453893	AR1260-D	0.55456	8.1848e+05	9.0779e+05	10.9	6.00	-	6.14
				3948526	2.02428	7.8971e+06				

Sample Name : ICM66VL
File Name : H:\TURBO6\6890-0717a63108.raw
Date : 07/02/2008 14:09:03
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -12.16 mV
Sample #: 0.5NG
Page 1 of 1
Time of Injection: 07/02/2008 13:19:54
End Time : 8.50 min
Low Point : -12.16 mV
High Point : 987.84 mV
Plot Scale : 1000.0 mV



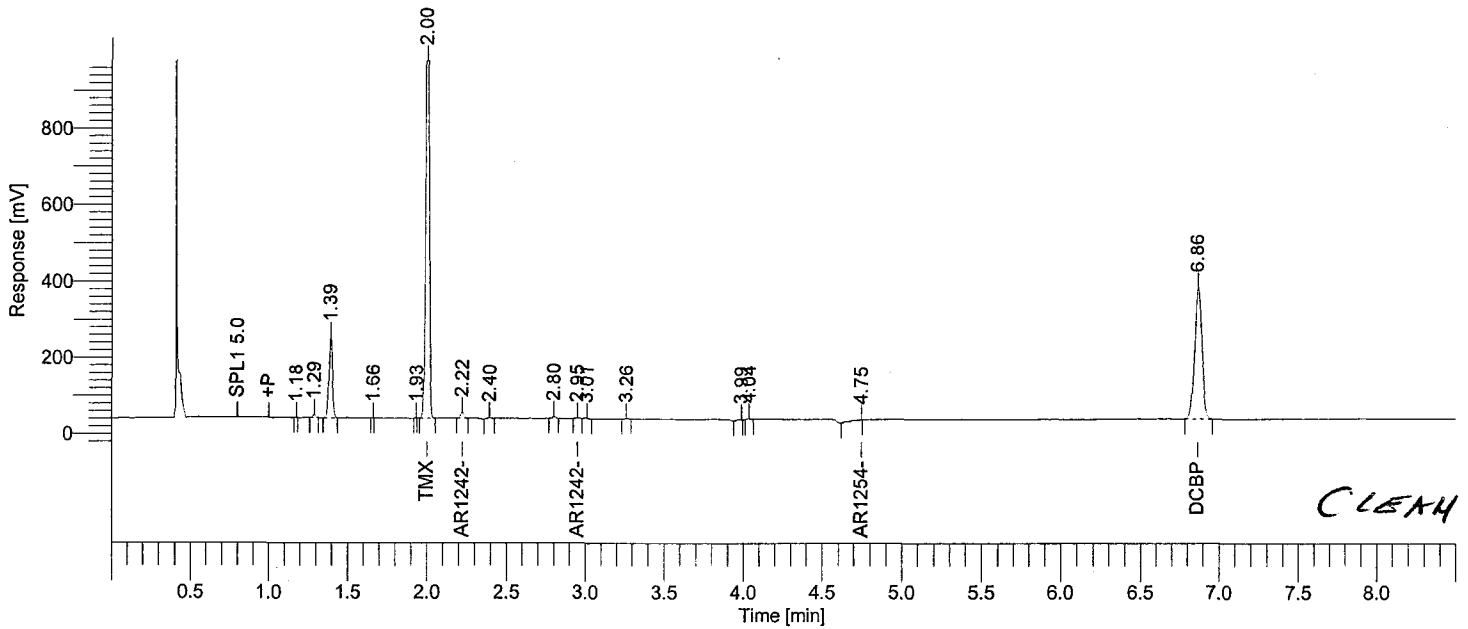
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Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200406
Operator          : tchrom
Sample Number     : 0.03NG
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-07
Instrument Serial # : CN10448015
Delay Time        : 0.00 min
Sampling Rate     : 20.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/02/2008 13:38:15

Date              : 07/02/2008 14:09:09
Sample Name      : ICM3PL
Study            : IBLK
Rack/Vial        : 1/9
Channel          : A
A/D mV Range     : 1000
End Time         : 12.93 min
Area Reject      : 5000.000000
Dilution Factor  : 1.00
Cycle            : 7
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a63109.raw <Modified>
Result File   : H:\TURBO6\6890-07\7a63109.rst
Inst Method   : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63109.raw
Proc Method   : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63109.rst
Calib Method  : h:\turbo6\6890-07\7a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63109.rst
Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	2.00	BB	1898645	TMX	0.03598	-----	0
	2.22		26989	AR1242	0.00444	0.00111	4
	4.75		11501	AR1254	0.00142	2.80e-04	4
16	6.86	BB	1136137	DCBP	0.03146	-----	0
			3073272			0.00139	

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STB

07/02/2008 14:09:09 Result: H:\TURBO6\6890-07\7a63109.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	2.22	BB	23763	AR1242-A	0.03363	0.00841	4
-	2.57		0	AR1242-B	0.00000	-----	-
-	2.72		0	AR1242-C	0.00000	-----	-
10	2.95	BV	3226	AR1242-D	0.00108	2.71e-04	4
						26989	0.00868

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.35		0	AR1248-A	0.00000	-----	-
-	3.45		0	AR1248-B	0.00000	-----	-
-	3.52		0	AR1248-C	0.00000	-----	-
-	3.69		0	AR1248-D	0.00000	-----	-
						0	0.00000

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.87		0	AR1254-A	0.00000	-----	-
-	4.16		0	AR1254-B	0.00000	-----	-
-	4.36		0	AR1254-C	0.00000	-----	-
15	4.75	BB	11501	AR1254-D	0.00473	0.00118	4
						11501	0.00118

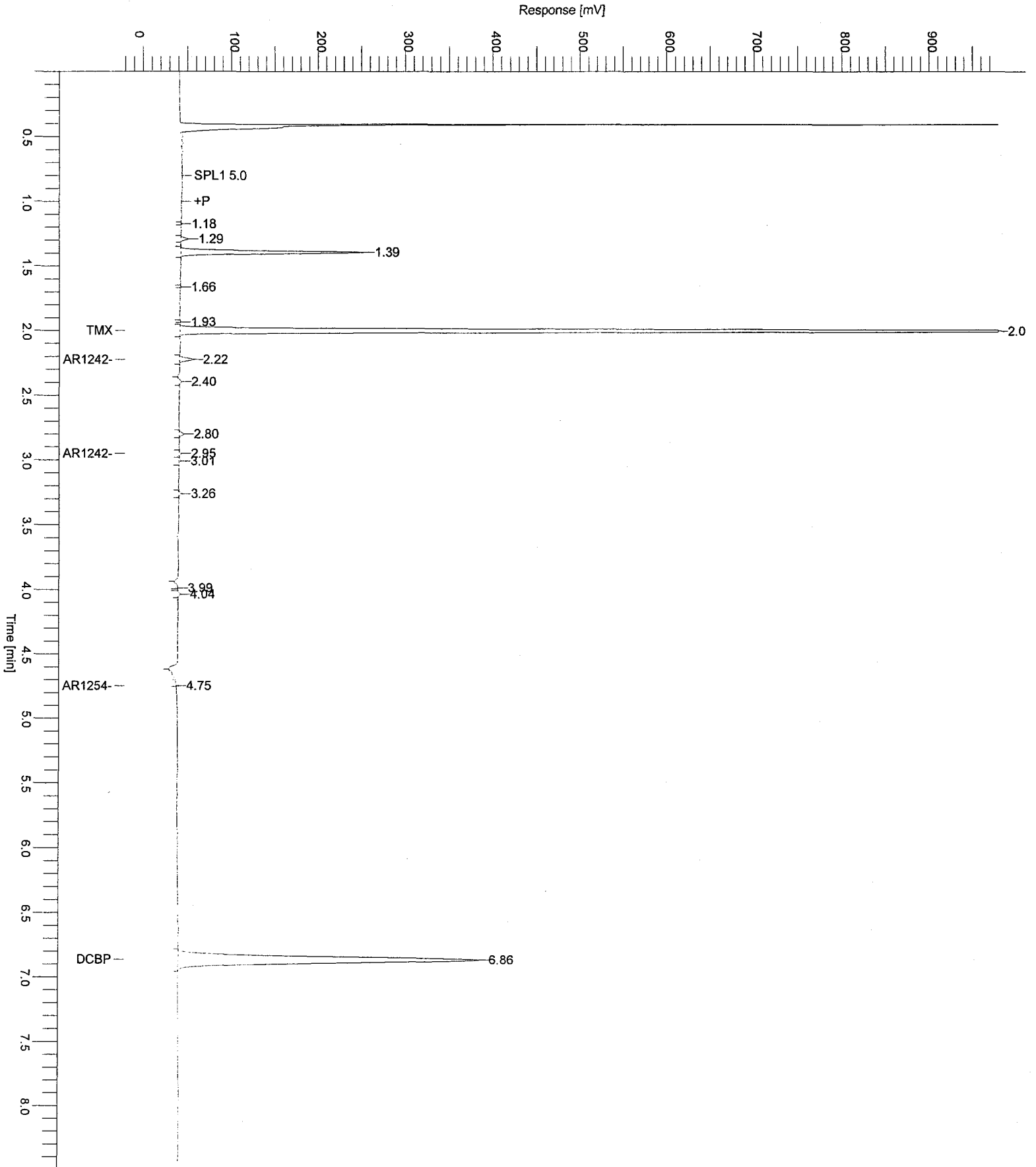
JUL 2 2008

BPA

Group Report For : AR1260

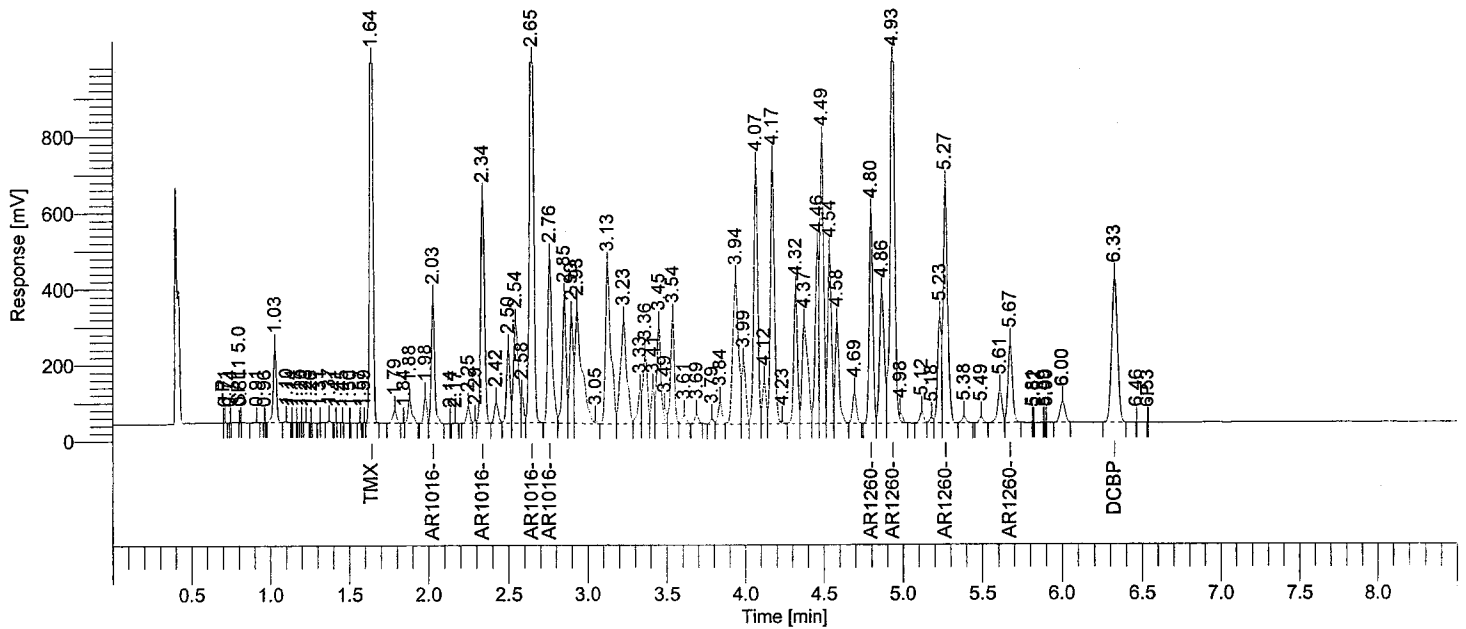
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	5.28		0	AR1260-A	0.00000	-----	-
-	5.52		0	AR1260-B	0.00000	-----	-
-	5.63		0	AR1260-C	0.00000	-----	-
-	6.08		0	AR1260-D	0.00000	-----	-
						0	0.00000

Sample Name : ICM3PL Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7a63109.raw
Date : 07/02/2008 14:09:10
Method : 6890-7pcbins Time of Injection: 07/02/2008 13:38:15
Start Time : 0.00 min End Time : 8.50 min Low Point : -20.65 mV High Point : 979.35 mV
Plot Offset: -20.65 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 11:19:27
 Reprocess Number : buf2042: 200367
 Operator : tchrom Sample Name : ICM66VL
 Sample Number : 0.5NG Study : CCV
 AutoSampler : BUILT-IN Rack/Vial : 1/1
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.94 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/02/2008 10:57:03 Cycle : 4

Raw Data File : H:\TURBO6\6890-07\7b63101.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63101.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63101.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63101.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b63101.rst
 Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.64	BB	1897637	TMX	0.03205	5.9200e+07	3.7953e+06	6.8	1.57 - 1.71
2.65		4480724	AR1016	0.47466	9.4399e+06	8.9614e+06	-5.1	2.58 - 2.72
4.93		4712992	AR1260	0.44118	1.0683e+07	9.4260e+06	-11.8	4.86 - 5.00
6.33	BB	964375	DCBP	0.02799	3.4456e+07	1.9288e+06	-6.7	6.26 - 6.40
		12055729		0.97589		2.4111e+07		

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BPD

07/02/2008 11:19:27 Result: H:\TURBO6\6890-07\7b63101.rst

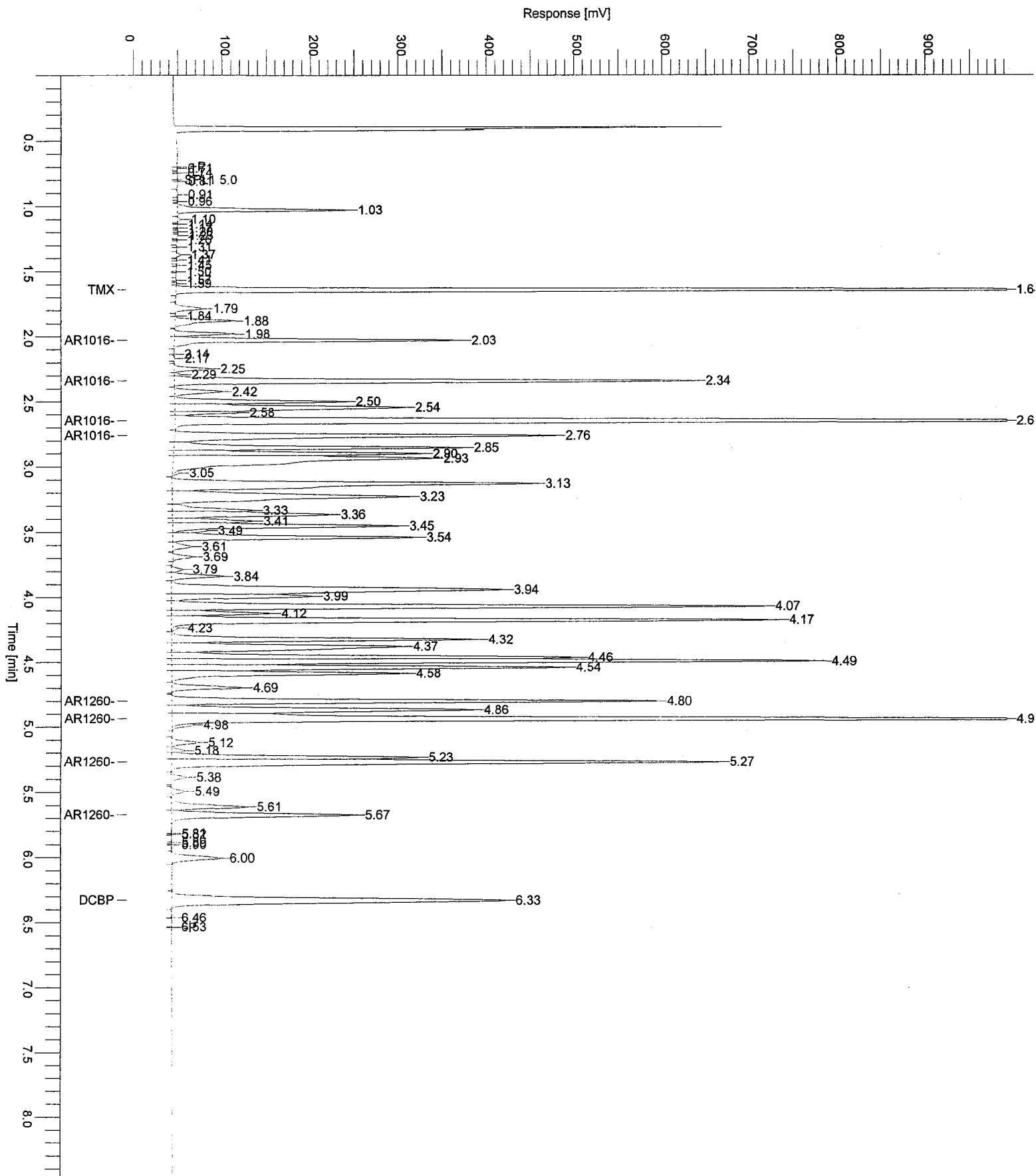
Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	RT Window
2.03	VB	477538	AR1016-A	0.49886	9.5727e+05	9.5508e+05	-0.2	1.96	2.10
2.34	VB	1026668	AR1016-B	0.47087	2.1804e+06	2.0533e+06	-5.8	2.27	2.41
2.65	VB	2173229	AR1016-C	0.47219	4.6025e+06	4.3465e+06	-5.6	2.58	2.72
2.76	BV	803289	AR1016-D	0.47260	1.6997e+06	1.6066e+06	-5.5	2.69	2.83
				4480724	1.91451	8.9614e+06			

Group Report For : AR1260

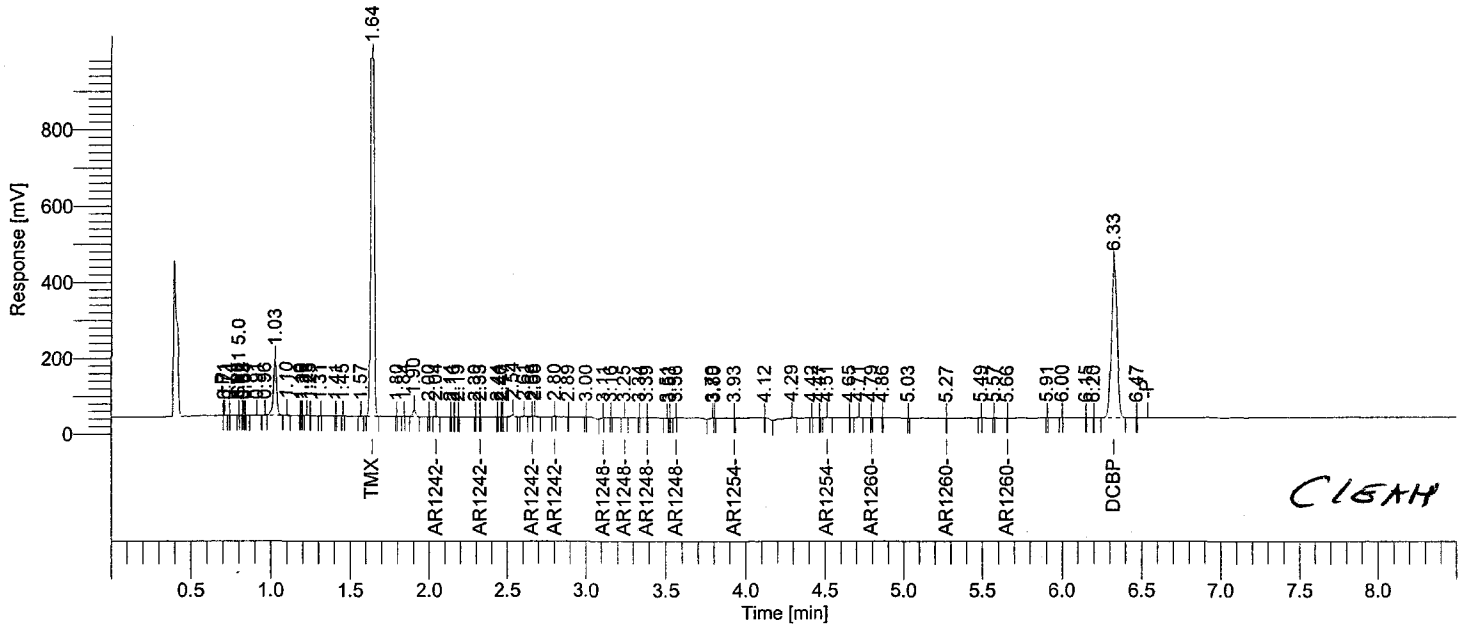
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	RT Window
4.80	BV	922646	AR1260-A	0.44578	2.0698e+06	1.8453e+06	-10.8	4.73	4.87
4.93	VE	2157242	AR1260-B	0.45524	4.7387e+06	4.3145e+06	-9.0	4.86	5.00
5.27	VV	1223642	AR1260-C	0.41881	2.9217e+06	2.4473e+06	-16.2	5.20	5.34
5.67	VB	409462	AR1260-D	0.42991	9.5243e+05	8.1892e+05	-14.0	5.60	5.74
				4712992	1.74973	9.4260e+06			

Sample Name : ICM66VL
File Name : H:\TURBO6\6890-07\7b63101.raw
Date : 07/02/2008 11:19:29
Method : 6890-7pcbins
Time of Injection : 07/02/2008 10:57:03
Start Time : 0.00 min End Time : 8.50 min Low Point : -7.54 mV High Point : 992.46 mV
Plot Offset : -7.54 mV Plot Scale : 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 11:42:30
 Reprocess Number : buf2042: 200371
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/2
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.95 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/02/2008 11:15:26 Cycle : 1

Raw Data File : H:\TURBO6\6890-07\7b63102.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63102.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63102.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63102.rst
 Calib Method : h:\turbo6\6890-07\07b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63102.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
20	1.64	BB	1960525	TMX	0.03312	-----	0
70	6.33	BB	1010169	DCBP	0.02932	-----	0
			2970694			0.00000	

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07/02/2008 11:42:30 Result: H:\TURBO6\6890-07\7b63102.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
25	2.04	BB	2245	AR1242-A	0.00282	7.05e-04	4
30	2.33	BB	17	AR1242-B	1.02e-05	2.55e-06	4
36	2.66	VV	2117	AR1242-C	5.97e-04	1.49e-04	4
38	2.80	BB	440	AR1242-D	3.38e-04	8.45e-05	4
			4820			9.41e-04	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
41	3.11	BB	1401	AR1248-A	7.73e-04	1.93e-04	4
43	3.25	BB	595	AR1248-B	3.23e-04	8.06e-05	4
45	3.39	BB	16	AR1248-C	7.32e-06	1.83e-06	4
48	3.56	BB	85	AR1248-D	4.10e-05	1.03e-05	4
			2098			2.86e-04	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
51	3.93	BB	12	AR1254-A	3.33e-06	8.32e-07	4
-	4.06		0	AR1254-B	0.00000	-----	-
-	4.18		0	AR1254-C	0.00000	-----	-
56	4.51	BB	2420	AR1254-D	8.36e-04	2.09e-04	4
			2432			2.10e-04	

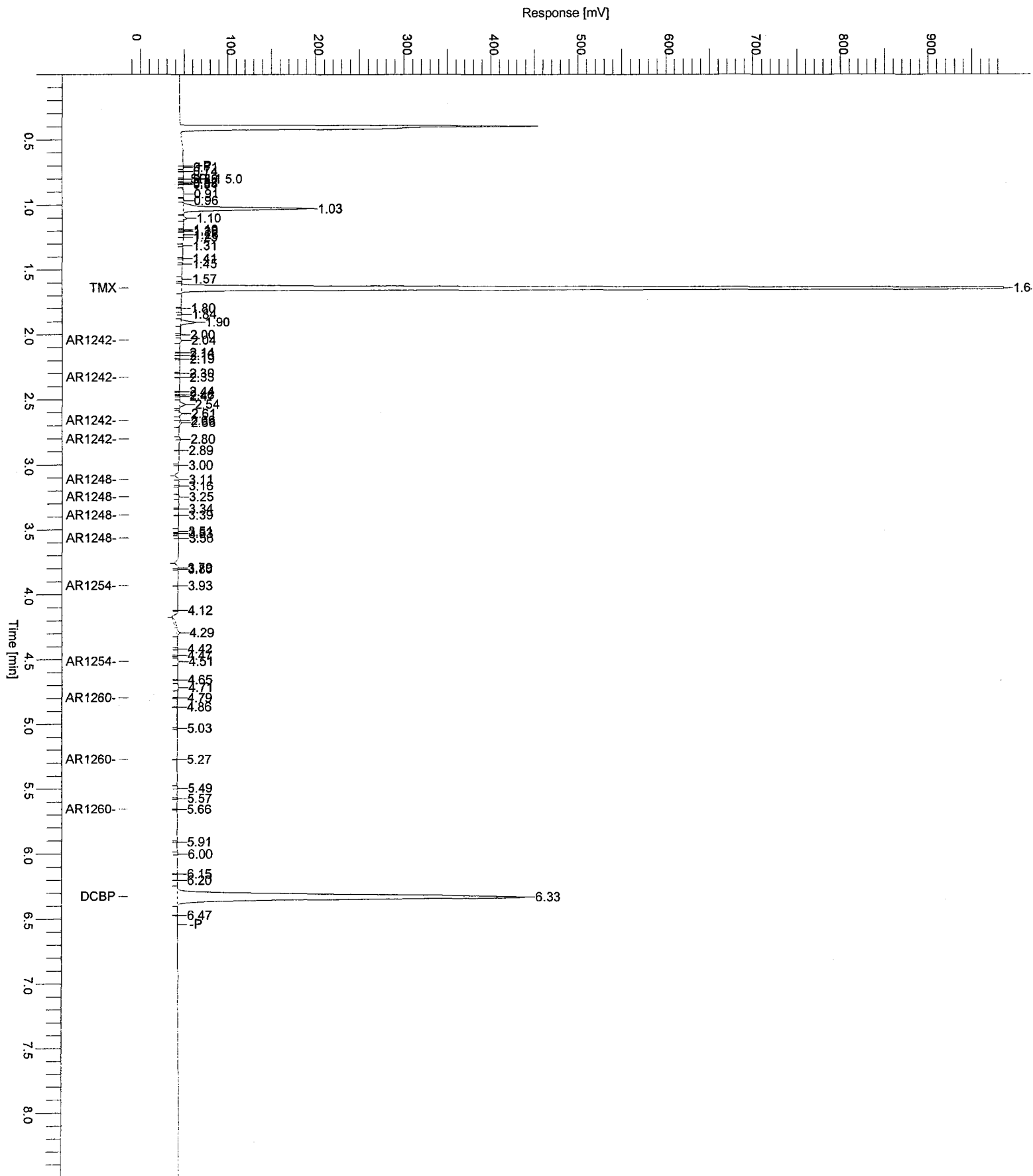
JUL 2 2008

B/D

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
59	4.79	BB	42	AR1260-A	2.04e-05	5.11e-06	4
-	4.94		0	AR1260-B	0.00000	-----	-
62	5.27	BB	16	AR1260-C	5.64e-06	1.41e-06	4
65	5.66	BB	16	AR1260-D	1.66e-05	4.16e-06	4
			75			1.07e-05	

Sample Name : ICM3PL Sample # : 0.03NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7b63102.raw
Date : 07/02/2008 11:42:32 Time of Injection : 07/02/2008 11:15:26
Method : 6890-7pcbins
Start Time : 0.00 min End Time : 8.50 min Low Point : -13.65 mV High Point : 986.35 mV
Plot Offset : -13.65 mV Plot Scale : 1000.0 mV



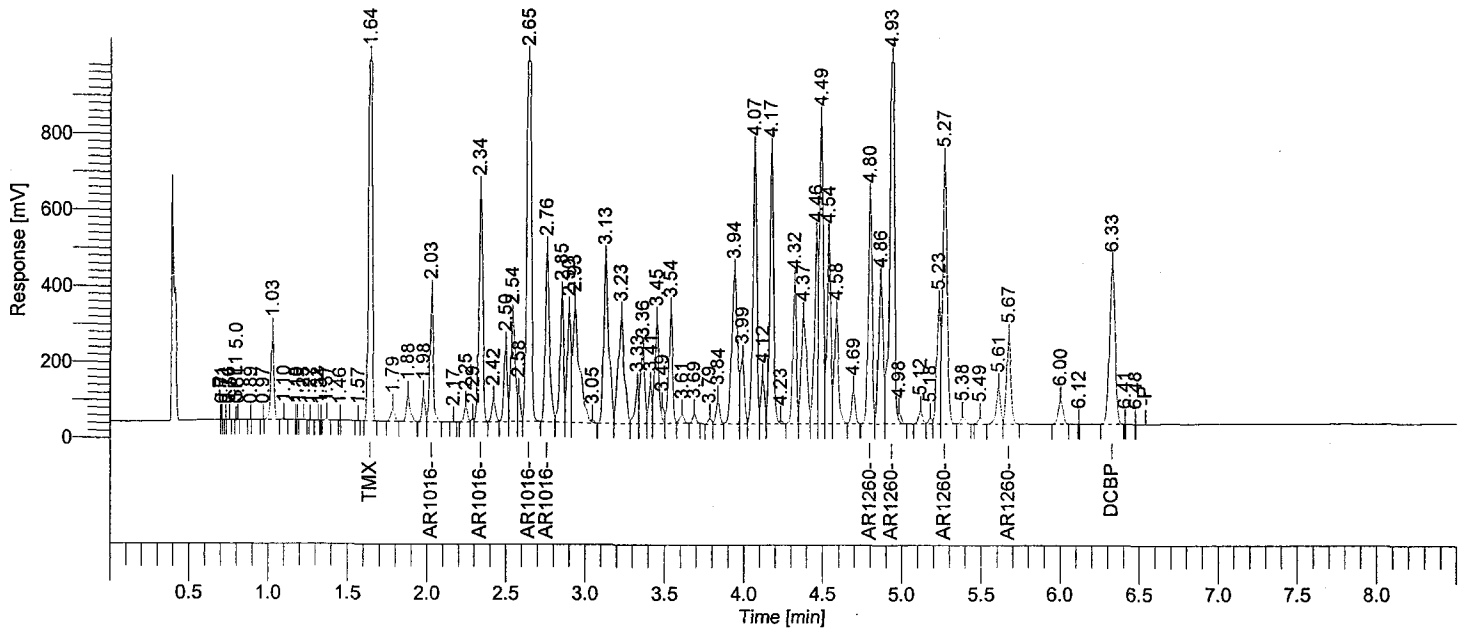
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Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 200405
Operator : tchrom
Sample Number : 0.5NG
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/02/2008 13:19:54

Date : 07/02/2008 14:09:05
Sample Name : ICM66VL
Study : CCV
Rack/Vial : 1/8
Channel : B
A/D mV Range : 1000
End Time : 12.95 min
Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 6
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b63108.raw <Modified>
Result File : H:\TURBO6\6890-07\7b63108.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63108.raw
Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63108.rst
Calib Method : h:\turbo6\6890-07\7b66(06-23-08).mth from H:\TURBO6\6890-07\7b63108.rst
Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	RT Window
1.64	BB	1915823	TMX	0.03236	5.9200e+07	3.8316e+06	7.9	1.57 -	1.71
2.65		4559041	AR1016	0.48296	9.4399e+06	9.1181e+06	-3.4	2.58 -	2.72
4.93		5110862	AR1260	0.47843	1.0683e+07	1.0222e+07	-4.3	4.86 -	5.00
6.33	BB	1038927	DCBP	0.03015	3.4456e+07	2.0779e+06	0.5	6.26 -	6.40
		12624652		1.02390		2.5249e+07			

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07/02/2008 14:09:05 Result: H:\TURBO6\6890-07\7b63108.rst

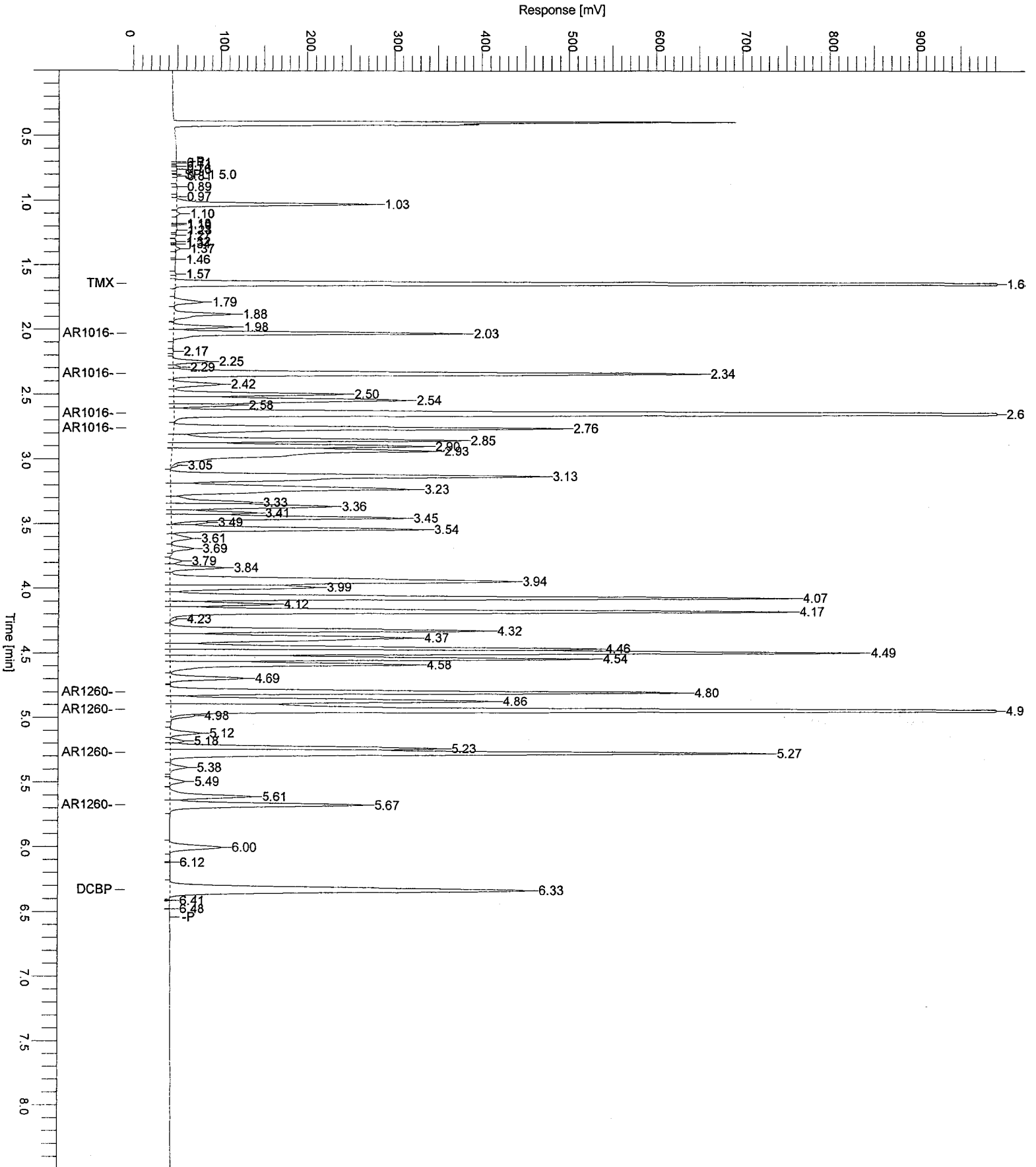
Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.03	VB	483994	AR1016-A	0.50560	9.5727e+05	9.6799e+05	1.1	1.96	-	2.10
2.34	VB	1041628	AR1016-B	0.47773	2.1804e+06	2.0833e+06	-4.5	2.27	-	2.41
2.65	VB	2215077	AR1016-C	0.48128	4.6025e+06	4.4302e+06	-3.7	2.58	-	2.72
2.76	BV	818341	AR1016-D	0.48145	1.6997e+06	1.6367e+06	-3.7	2.69	-	2.83
		4559041		1.94606		9.1181e+06				

Group Report For : AR1260

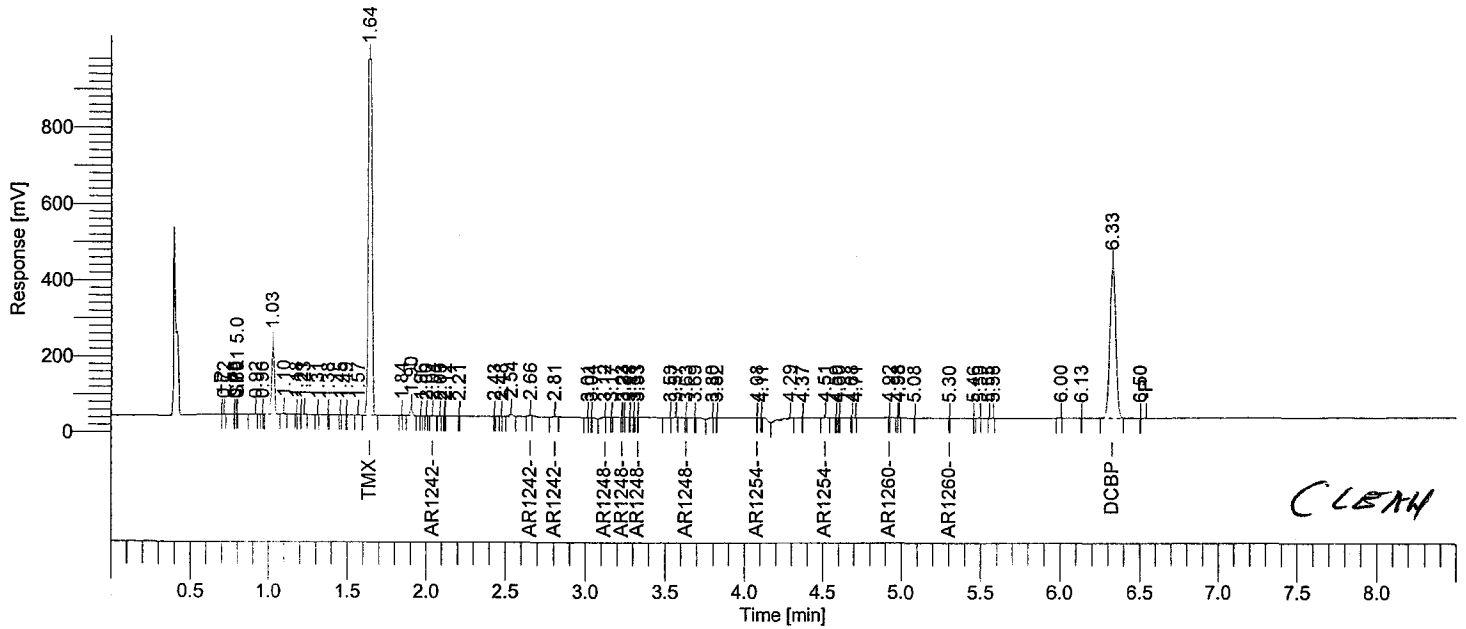
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
4.80	BV	997716	AR1260-A	0.48205	2.0698e+06	1.9954e+06	-3.6	4.73	-	4.87
4.93	VE	2336076	AR1260-B	0.49297	4.7387e+06	4.6722e+06	-1.4	4.86	-	5.00
5.27	VV	1337111	AR1260-C	0.45765	2.9217e+06	2.6742e+06	-8.5	5.20	-	5.34
5.67	VB	439957	AR1260-D	0.46193	9.5243e+05	8.7991e+05	-7.6	5.60	-	5.74
		5110862		1.89460		1.0222e+07				

Sample Name : ICM66VL
File Name : H:\TURBO6\6890-07\7b63108.raw
Date : 07/02/2008 14:09:07
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -8.20 mV
Sample #: 0.5NG
Page 1 of 1
Time of Injection: 07/02/2008 13:19:54
Low Point : -8.20 mV
High Point : 991.80 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 14:09:12
 Reprocess Number : buf2042: 200407
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/9
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.93 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/02/2008 13:38:15 Cycle : 7

Raw Data File : H:\TURBO6\6890-07\7b63109.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63109.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63109.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63109.rst
 Calib Method : h:\turbo6\6890-07\7b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63109.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



CLETH

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.64	BB	1937818	TMX	0.03273	-----	0
	2.04		5362	AR1242	7.29e-04	1.82e-04	4
67	6.33	BB	1026335	DCBP	0.02979	-----	0
			2969515			1.82e-04	

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STP

07/02/2008 14:09:12 Result: H:\TURBO6\6890-07\7b63109.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
22	2.04	BB	1917	AR1242-A	0.00241	6.01e-04	4
-	2.34		0	AR1242-B	0.00000	-----	-
30	2.66	BB	1171	AR1242-C	3.30e-04	8.26e-05	4
31	2.81	BB	2274	AR1242-D	0.00174	4.36e-04	4
			5362			0.00112	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
34	3.12	BB	2550	AR1248-A	0.00141	3.52e-04	4
36	3.23	BB	30	AR1248-B	1.64e-05	4.11e-06	4
40	3.33	BB	10	AR1248-C	4.39e-06	1.10e-06	4
43	3.63	BB	26	AR1248-D	1.23e-05	3.08e-06	4
			2615			3.60e-04	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.92		0	AR1254-A	0.00000	-----	-
47	4.08	BB	13	AR1254-B	3.56e-06	8.89e-07	4
-	4.18		0	AR1254-C	0.00000	-----	-
51	4.51	BB	1405	AR1254-D	4.85e-04	1.21e-04	4
			1417			1.22e-04	

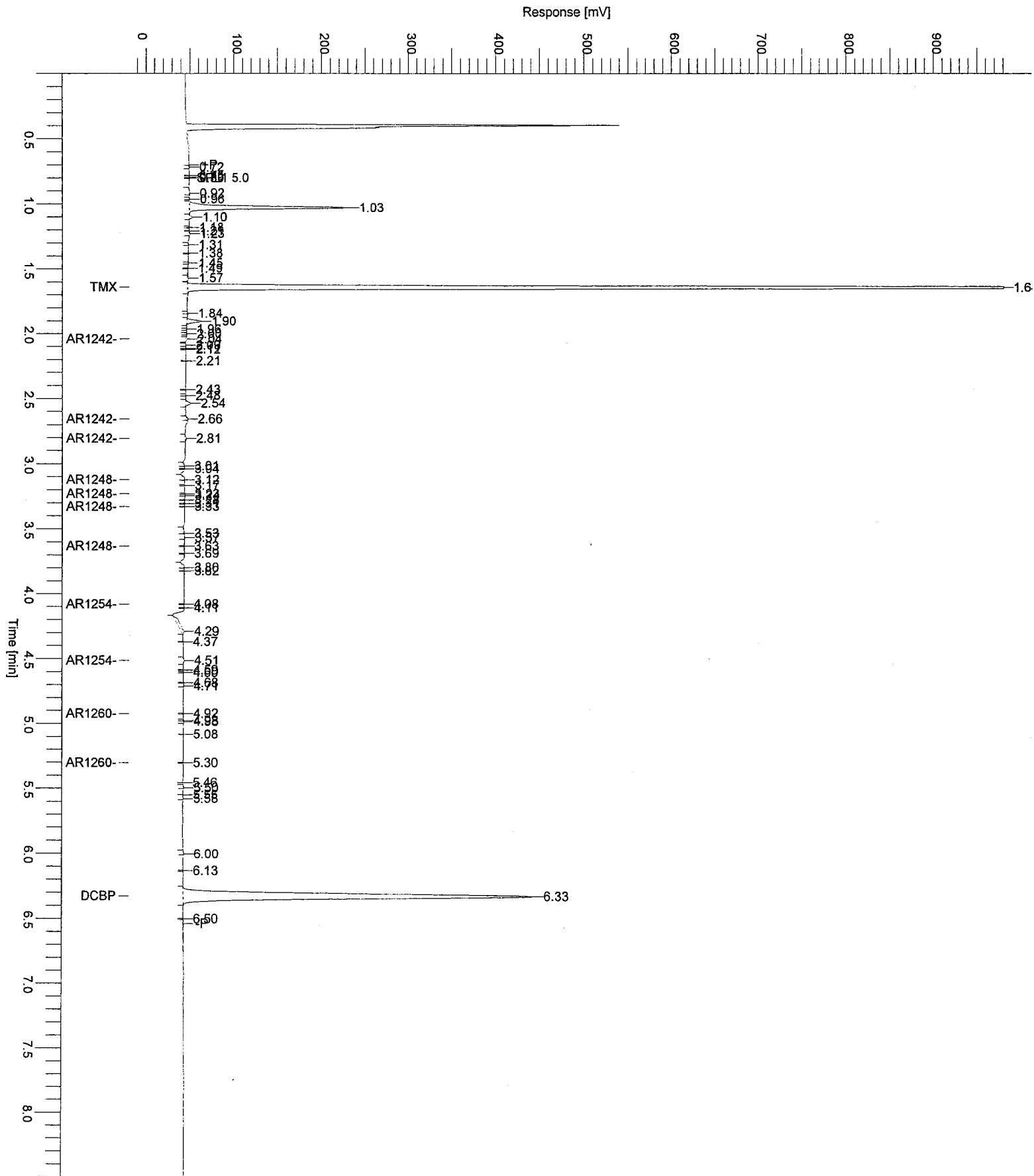
JUL 2 2008

GAD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.80		0	AR1260-A	0.00000	-----	-
56	4.92	BB	26	AR1260-B	5.46e-06	1.36e-06	4
60	5.30	BB	19	AR1260-C	6.37e-06	1.59e-06	4
-	5.68		0	AR1260-D	0.00000	-----	-
			44			2.96e-06	

Sample Name : ICM3PL Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7b63109.raw
Date : 07/02/2008 14:09:14 Time of Injection: 07/02/2008 13:38:15
Method : 6890-7pcbins
Start Time : 0.00 min End Time : 8.50 min Low Point : -19.29 mV High Point : 980.71 mV
Plot Offset: -19.29 mV Plot Scale: 1000.0 mV



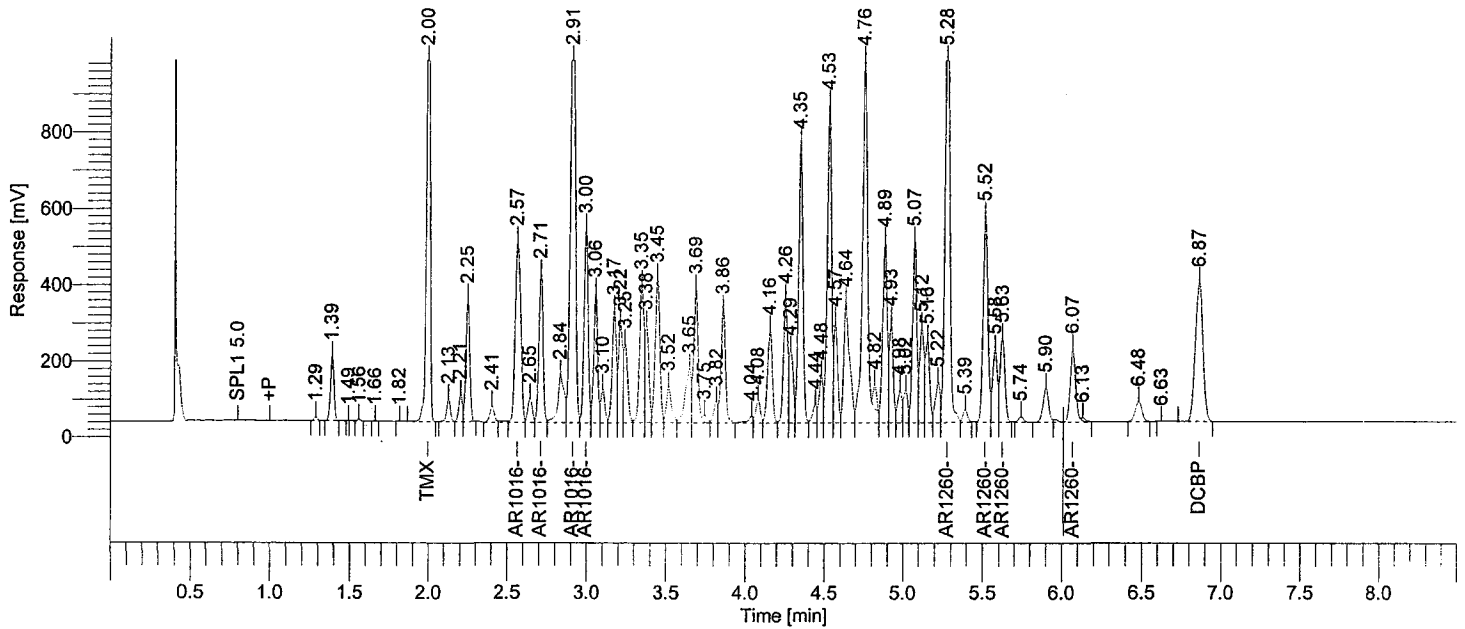

```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200522
Operator          : tchrom
Sample Number     : 0.5NG
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-07
Instrument Serial # : CN10448015
Delay Time       : 0.00 min
Sampling Rate    : 20.0000 pts/s
Sample Volume    : 1.000000 uL
Sample Amount    : 1.0000
Data Acquisition Time : 07/03/2008 09:17:58

Date              : 07/03/2008 09:54:38
Sample Name      : ICM66VL
Study            : CCV
Rack/Vial       : 1/12
Channel         : A
A/D mV Range    : 1000
End Time        : 12.94 min
Area Reject     : 8000.000000
Dilution Factor : 1.00
Cycle           : 3
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a63112.raw <Modified>
Result File   : H:\TURBO6\6890-07\7a63112.rst
Inst Method  : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63112.raw
Proc Method  : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63112.rst
Calib Method : h:\turbo6\6890-07\7a66(06-23-08).mth from H:\TURBO6\6890-07\7a63112.rst
Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	RT Window
2.00	VB	2120002	TMX	0.04017	5.2774e+07	4.2400e+06	33.9	1.93	- 2.07
2.91		5156492	AR1016	0.60653	8.5017e+06	1.0313e+07	21.3	2.84	- 2.98
5.28		4379965	AR1260	0.55800	7.8494e+06	8.7599e+06	11.6	5.21	- 5.35
6.87	VB	1211122	DCBP	0.03354	3.6110e+07	2.4222e+06	11.8	6.80	- 6.94
		12867581		1.23824		2.5735e+07			

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07/03/2008 09:54:38 Result: H:\TURBO6\6890-07\7a63112.rst

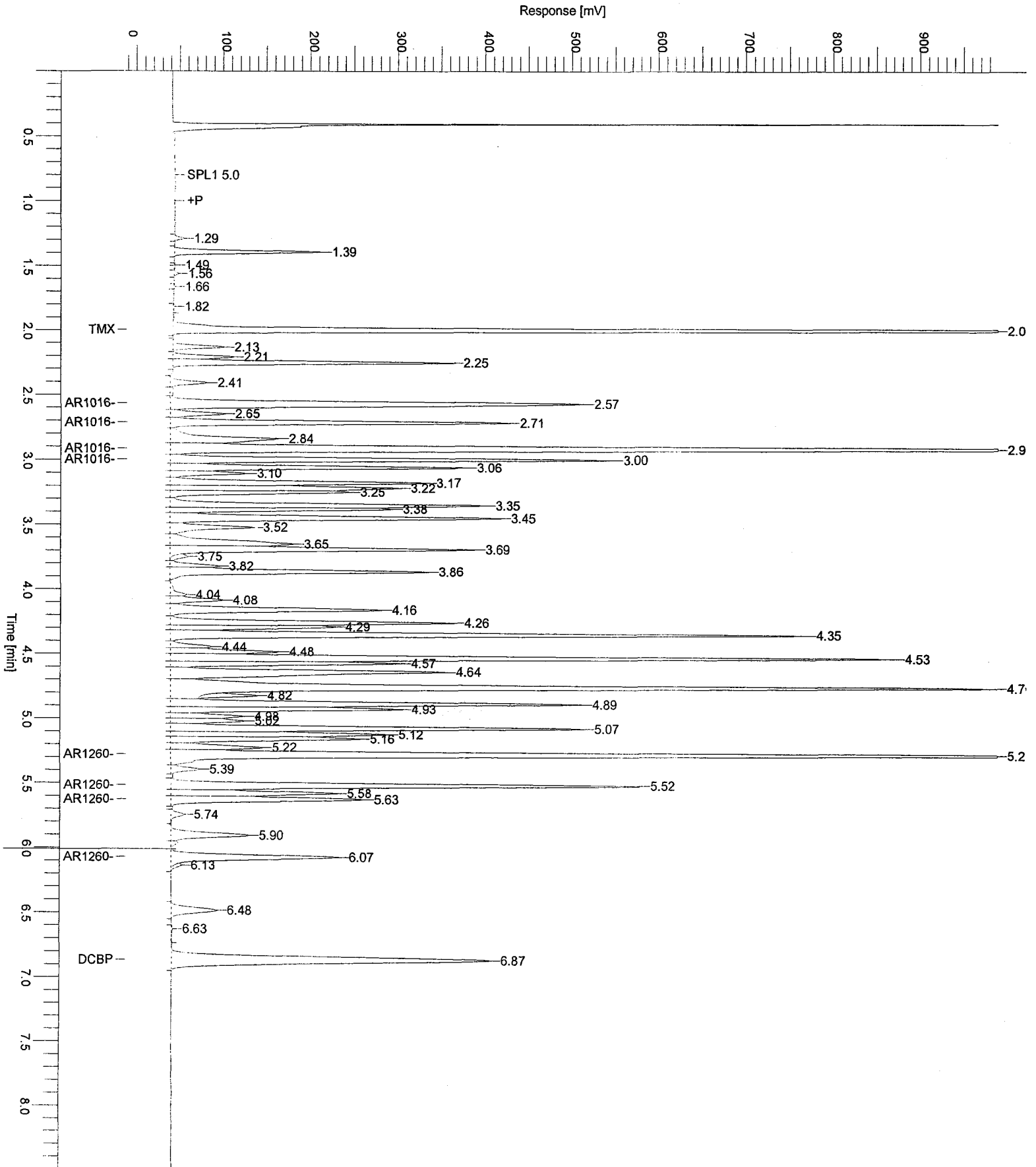
Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.57	VV	1147860	AR1016-A	0.59160	1.9403e+06	2.2957e+06	18.3	2.50	-	2.64
2.71	VV	708325	AR1016-B	0.60125	1.1781e+06	1.4166e+06	20.2	2.64	-	2.78
2.91	VV	2401320	AR1016-C	0.63066	3.8076e+06	4.8026e+06	26.1	2.84	-	2.98
3.00	VV	898987	AR1016-D	0.57055	1.5756e+06	1.7980e+06	14.1	2.93	-	3.07
		5156492		2.39405		1.0313e+07				

Group Report For : AR1260

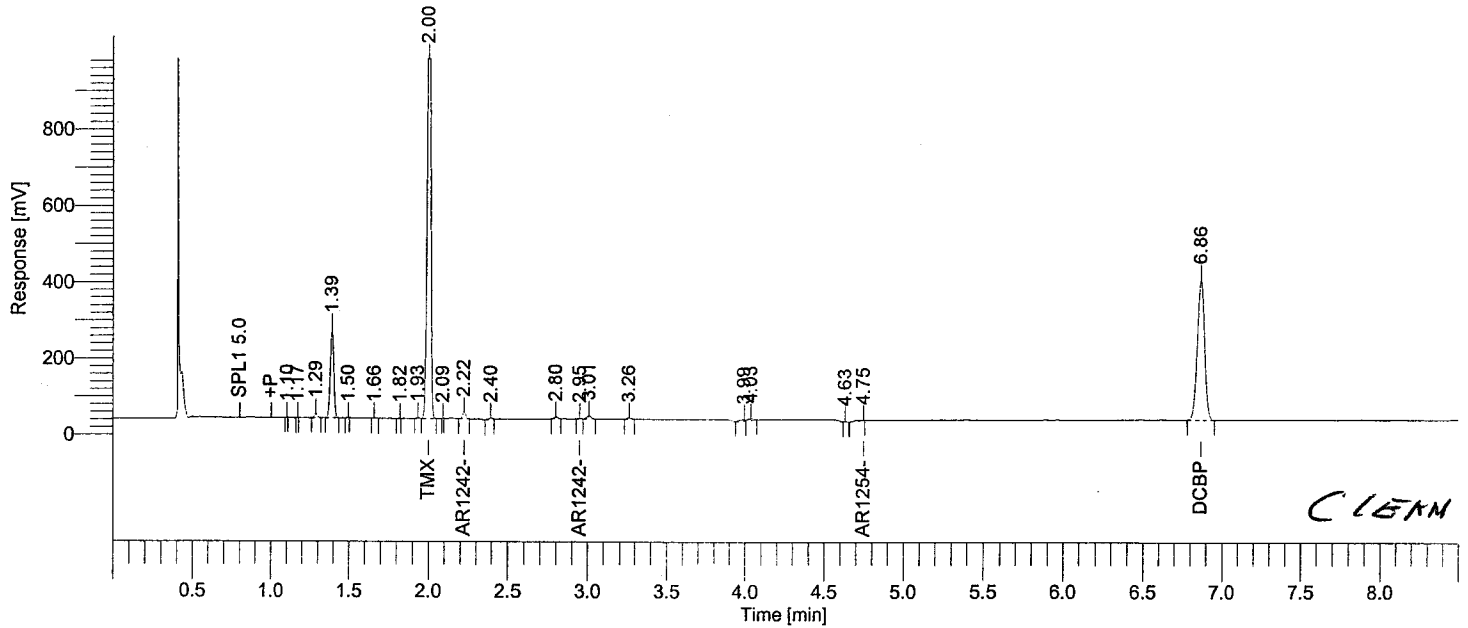
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
5.28	VV	2293784	AR1260-A	0.56967	4.0265e+06	4.5876e+06	13.9	5.21	-	5.35
5.52	VV	1111266	AR1260-B	0.53750	2.0675e+06	2.2225e+06	7.5	5.45	-	5.59
5.63	VV	486995	AR1260-C	0.51975	9.3698e+05	9.7399e+05	4.0	5.56	-	5.70
6.07	VE	487920	AR1260-D	0.59613	8.1848e+05	9.7584e+05	19.2	6.00	-	6.14
		4379965		2.22305		8.7599e+06				

Sample Name : ICM66VL
File Name : H:\TURBO6\6890-0717a63112.raw
Date : 07/03/2008 09:54:40
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -11.11 mV
Sample # : 0.5NG
Page 1 of 1
Time of Injection : 07/03/2008 09:17:58
End Time : 8.50 min
Low Point : -11.11 mV
High Point : 988.89 mV
Plot Scale : 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/03/2008 09:54:46
 Reprocess Number : buf2042: 200524
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/13
 Instrument Name : HP6890-07 Channel : A
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.95 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 09:36:14 Cycle : 4

Raw Data File : H:\TURBO6\6890-07\7a63113.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a63113.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63113.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63113.rst
 Calib Method : h:\turbo6\6890-07\7a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63113.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	2.00	VB	2070425	TMX	0.03923	-----	0
	2.22		28218	AR1242	0.00464	0.00116	4
	4.75		6838	AR1254	6.66e-04	1.66e-04	4
21	6.86	BB	1199623	DCBP	0.03322	-----	0
			3305103			0.00133	

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07/03/2008 09:54:46 Result: H:\TURBO6\6890-07\7a63113.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.22	BB	25472	AR1242-A	0.03605	0.00901	4
-	2.57		0	AR1242-B	0.00000	-----	-
-	2.72		0	AR1242-C	0.00000	-----	-
14	2.95	BV	2746	AR1242-D	9.22e-04	2.30e-04	4
			28218			0.00924	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.35		0	AR1248-A	0.00000	-----	-
-	3.45		0	AR1248-B	0.00000	-----	-
-	3.52		0	AR1248-C	0.00000	-----	-
-	3.69		0	AR1248-D	0.00000	-----	-
			0			0.00000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.87		0	AR1254-A	0.00000	-----	-
-	4.16		0	AR1254-B	0.00000	-----	-
-	4.36		0	AR1254-C	0.00000	-----	-
20	4.75	BB	6838	AR1254-D	0.00281	7.04e-04	4
			6838			7.04e-04	

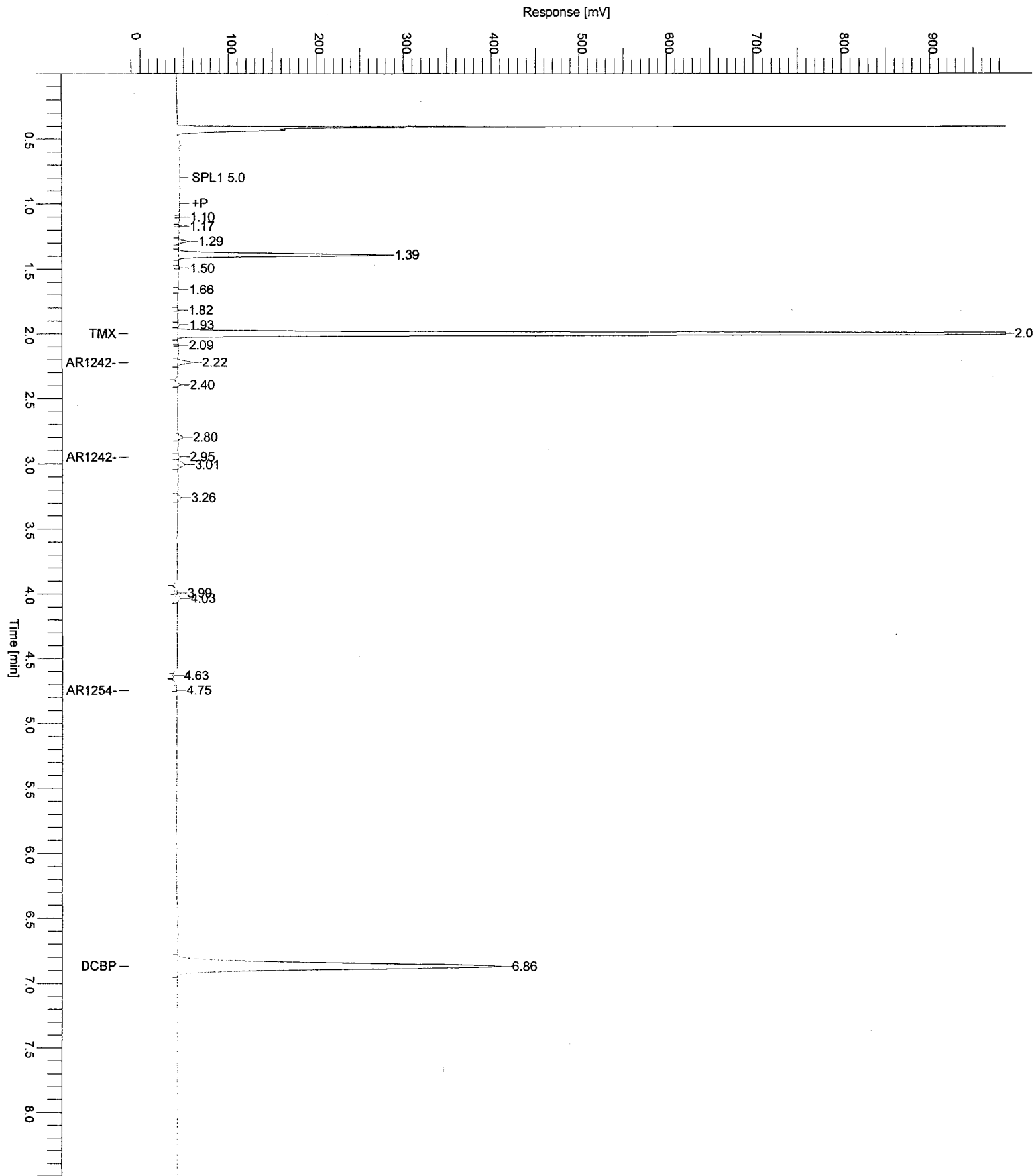
JUL 3 2008

GAP

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	5.28		0	AR1260-A	0.00000	-----	-
-	5.52		0	AR1260-B	0.00000	-----	-
-	5.63		0	AR1260-C	0.00000	-----	-
-	6.08		0	AR1260-D	0.00000	-----	-
			0			0.00000	

Sample Name : ICM3PL Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7a63113.raw
Date : 07/03/2008 09:54:48
Method : 6890-7pcbins Time of Injection: 07/03/2008 09:36:14
Start Time : 0.00 min End Time : 8.50 min Low Point : -13.91 mV High Point : 986.10 mV
Plot Offset: -13.91 mV Plot Scale: 1000.0 mV



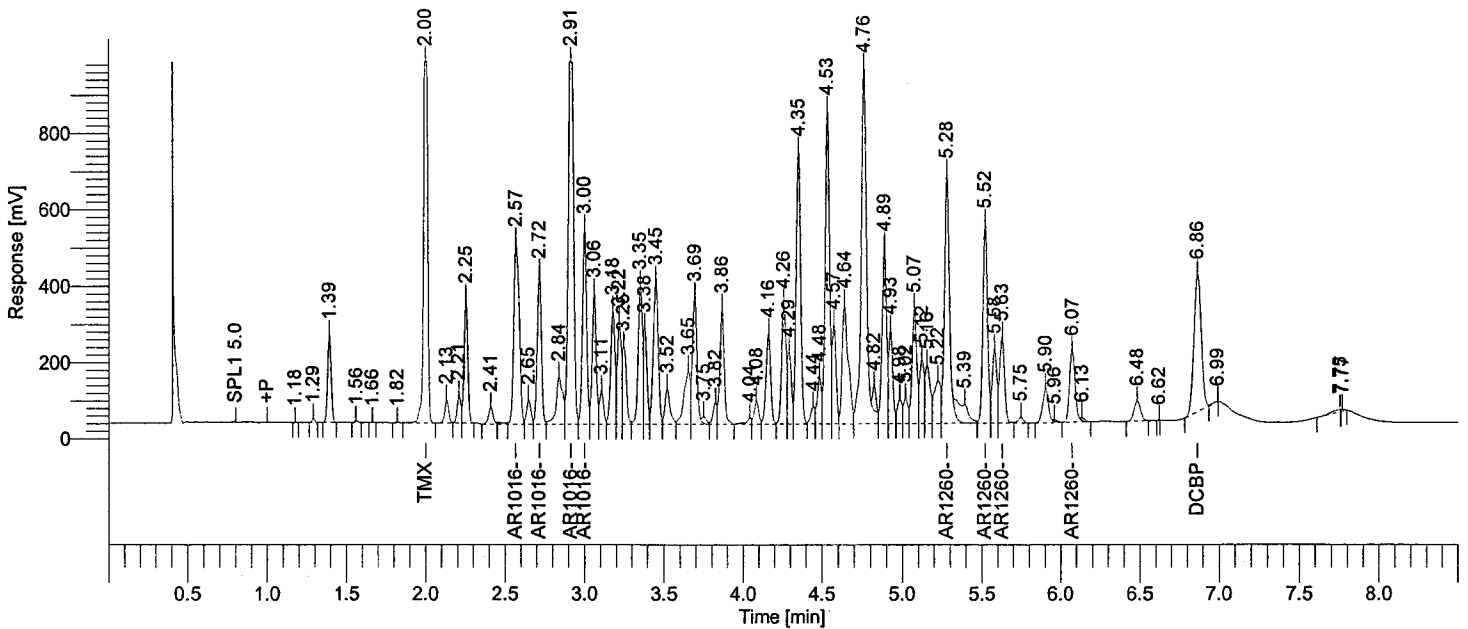
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200756
Operator          : tchrom
Sample Number     : 0.5NG
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-07
Instrument Serial # : CN10448015
Delay Time        : 0.00 min
Sampling Rate     : 20.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/03/2008 13:34:42

Date              : 07/04/2008 10:38:09
Sample Name       : ICM66VL
Study             : CCV
Rack/Vial         : 1/24
Channel           : A
A/D mV Range     : 1000
End Time         : 12.93 min
Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 11
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a63124.raw <Modified>
Result File   : H:\TURBO6\6890-07\7a63124.rst
Inst Method   : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63124.raw
Proc Method   : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63124.rst
Calib Method  : h:\turbo6\6890-07\7a66(06-23-08).mth from H:\TURBO6\6890-07\7a63124.rst
Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.00	VV	2152728	TMX	0.04079	5.2774e+07	4.3055e+06	36.0	1.93 - 2.07
2.91		5178337	AR1016	0.60910	8.5017e+06	1.0357e+07	21.8	2.84 - 2.98
5.28		3381691	AR1260	0.43082	7.8494e+06	6.7634e+06	-13.8	5.21 - 5.35
6.86	BV	1155427	DCBP	0.03200	3.6110e+07	2.3109e+06	6.7	6.79 - 6.93
		11868183		1.11271		2.3736e+07		

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80

07/04/2008 10:38:09 Result: H:\TURBO6\6890-07\7a63124.rst

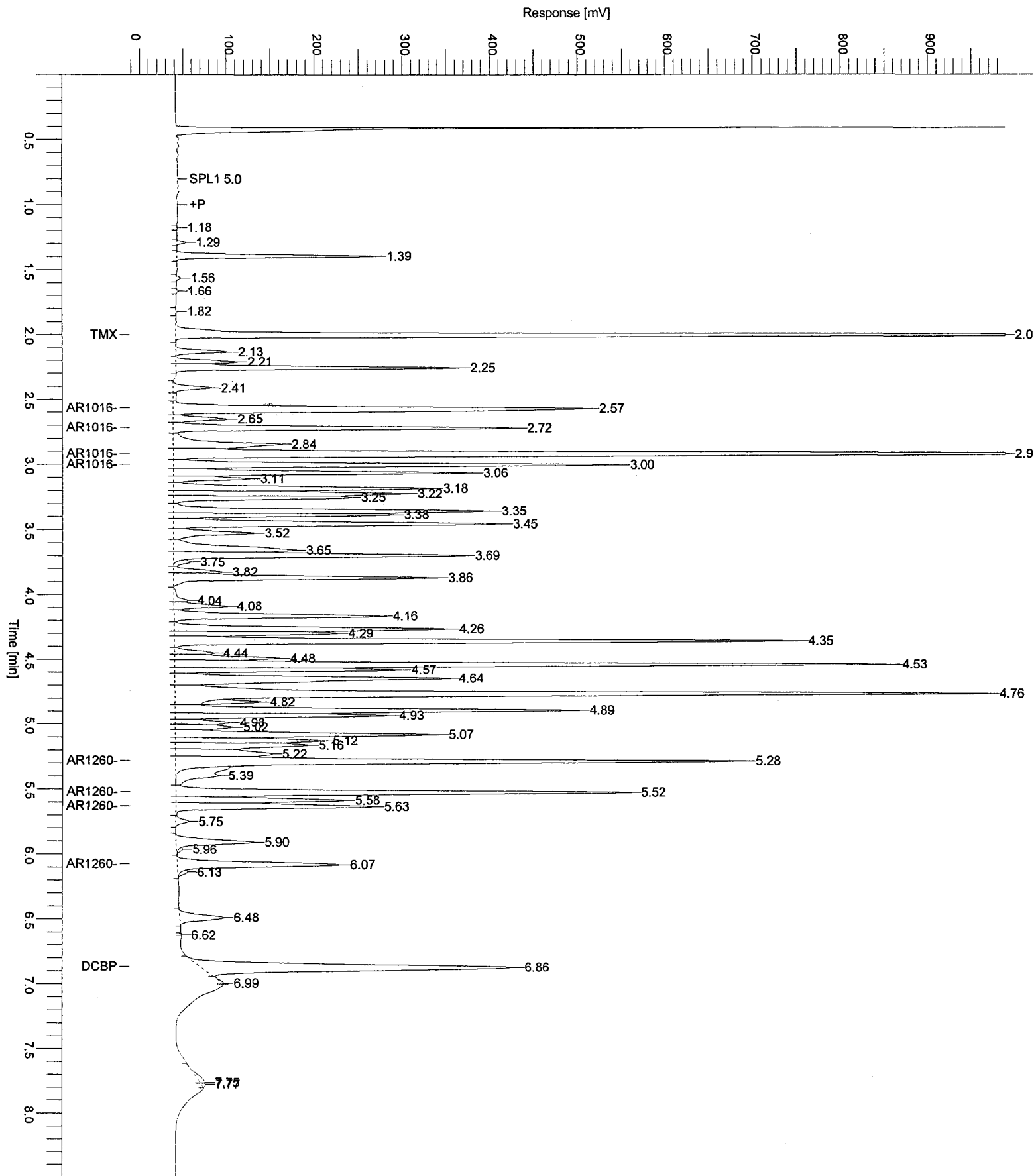
Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	RT Window
2.57	VV	1155086	AR1016-A	0.59532	1.9403e+06	2.3102e+06	19.1	2.50 -	2.64
2.72	VV	711590	AR1016-B	0.60402	1.1781e+06	1.4232e+06	20.8	2.65 -	2.79
2.91	VV	2410337	AR1016-C	0.63303	3.8076e+06	4.8207e+06	26.6	2.84 -	2.98
3.00	VV	901324	AR1016-D	0.57203	1.5756e+06	1.8026e+06	14.4	2.93 -	3.07
		5178337		2.40440		1.0357e+07			

Group Report For : AR1260

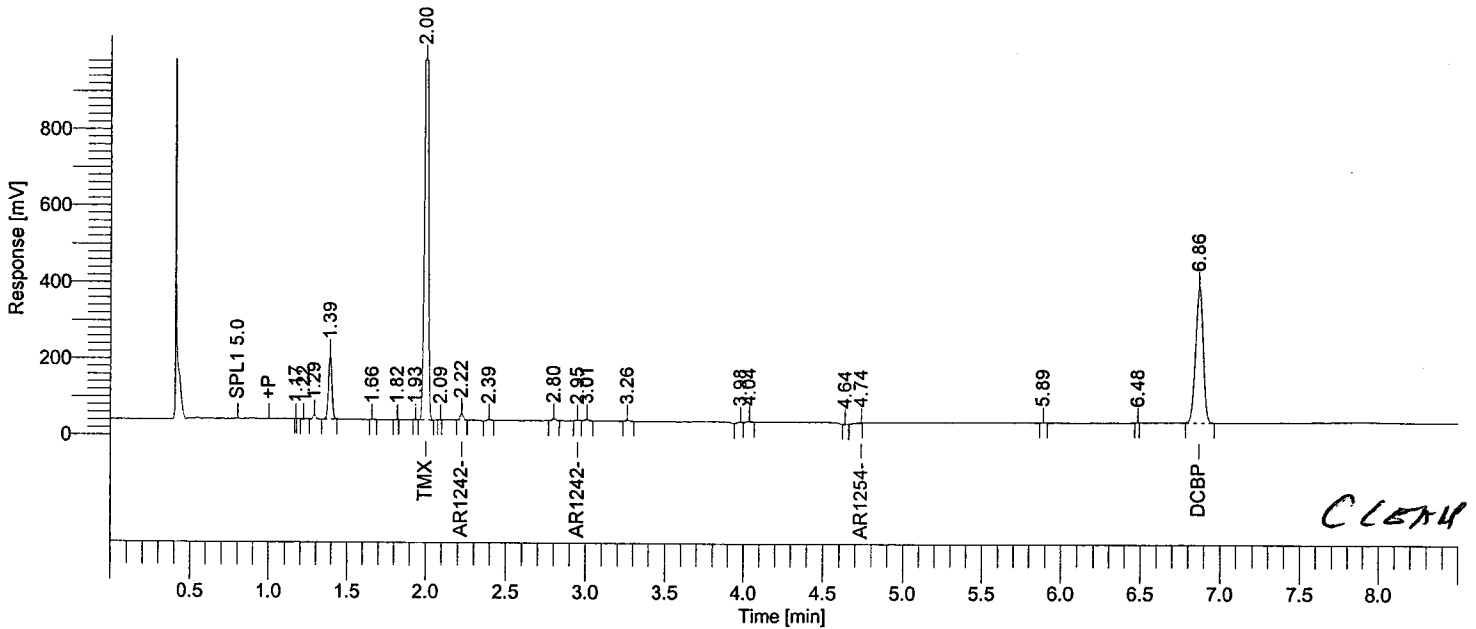
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	RT Window
5.28	VE	1327652	AR1260-A	0.32973	4.0265e+06	2.6553e+06	-34.1	5.21 -	5.35
5.52	VV	1079786	AR1260-B	0.52227	2.0675e+06	2.1596e+06	4.5	5.45 -	5.59
5.63	VV	490552	AR1260-C	0.52355	9.3698e+05	9.8110e+05	4.7	5.56 -	5.70
6.07	VE	483701	AR1260-D	0.59098	8.1848e+05	9.6740e+05	18.2	6.00 -	6.14
		3381691		1.96652		6.7634e+06			

Sample Name : ICM66VL Sample #: 0.5NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7a63124.raw
Date : 07/04/2008 10:38:10 Time of Injection: 07/03/2008 13:34:42
Method : 6890-7pcbins Start Time : 0.00 min End Time : 8.50 min Low Point : -11.77 mV High Point : 988.23 mV
Plot Offset: -11.77 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:38:22
 Reprocess Number : buf2042: 200758
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/25
 Instrument Name : HP6890-07 Channel : A
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.93 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 13:53:05 Cycle : 12

Raw Data File : H:\TURBO6\6890-07\7a63125.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a63125.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63125.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63125.rst
 Calib Method : h:\turbo6\6890-07\7a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63125.rst
 Report Format File: h:\turbo6\6890-07\7pcbamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	2.00	VB	2037942	TMX	0.03862	-----	0
	2.22		28187	AR1242	0.00464	0.00116	4
22	6.86	BB	1170472	DCBP	0.03241	-----	0
			3236601			0.00116	

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07/04/2008 10:38:22 Result: H:\TURBO6\6890-07\7a63125.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.22	BB	25019	AR1242-A	0.03541	0.00885	4
-	2.57		0	AR1242-B	0.00000	-----	-
-	2.72		0	AR1242-C	0.00000	-----	-
13	2.95	BV	3168	AR1242-D	0.00106	2.66e-04	4
			28187			0.00912	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.35		0	AR1248-A	0.00000	-----	-
-	3.45		0	AR1248-B	0.00000	-----	-
-	3.52		0	AR1248-C	0.00000	-----	-
-	3.69		0	AR1248-D	0.00000	-----	-
			0			0.00000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.87		0	AR1254-A	0.00000	-----	-
-	4.16		0	AR1254-B	0.00000	-----	-
-	4.36		0	AR1254-C	0.00000	-----	-
19	4.74	BB	4367	AR1254-D	0.00180	4.49e-04	4
			4367			4.49e-04	

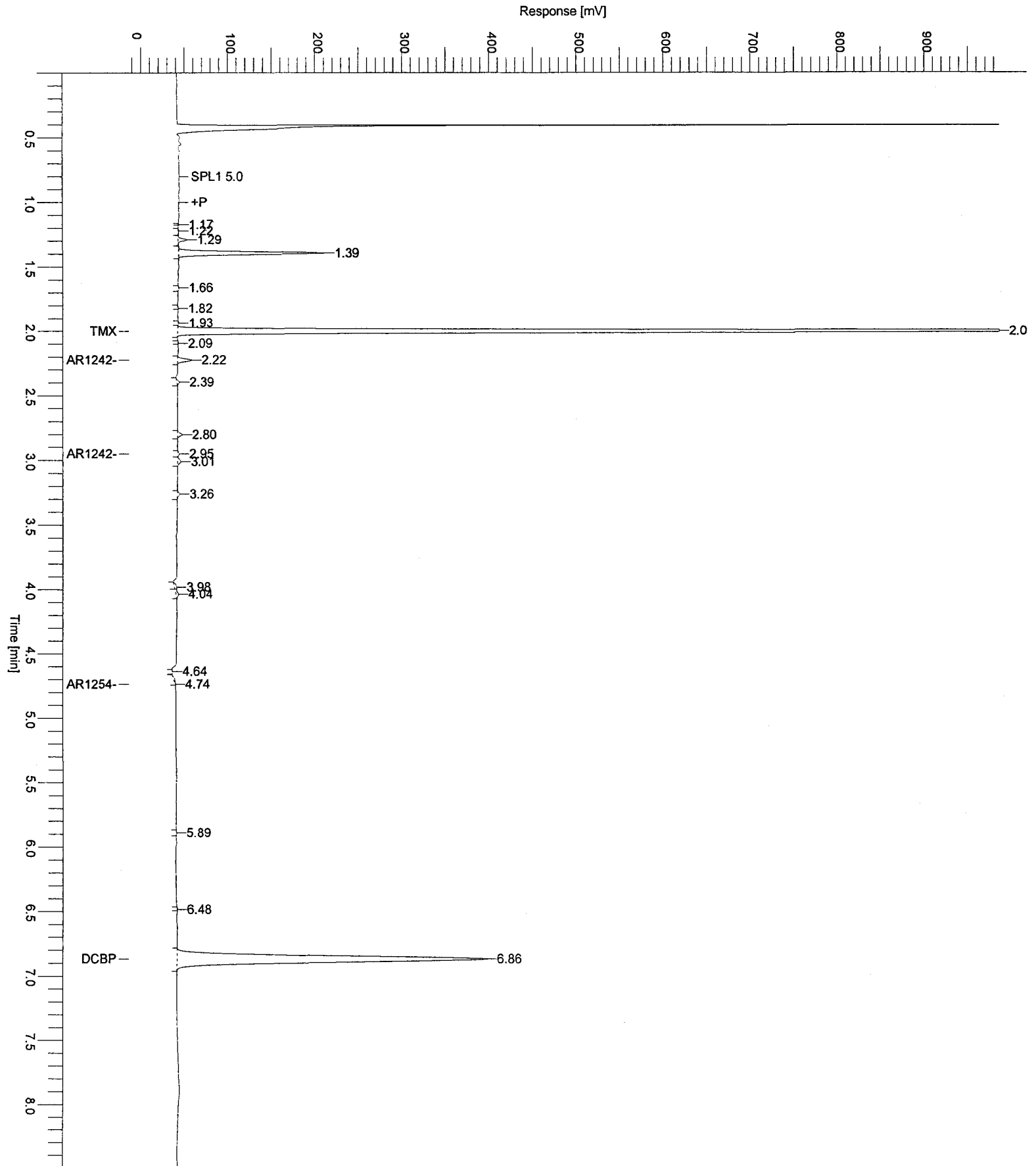
JUL 4 2008

GA

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	5.28		0	AR1260-A	0.00000	-----	-
-	5.52		0	AR1260-B	0.00000	-----	-
-	5.63		0	AR1260-C	0.00000	-----	-
-	6.08		0	AR1260-D	0.00000	-----	-
			0			0.00000	

Sample Name : ICM3PL Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7a63125.raw
Date : 07/04/2008 10:38:24
Method : 6890-7pcbins Time of Injection: 07/03/2008 13:53:05
Start Time : 0.00 min End Time : 8.50 min Low Point : -14.49 mV High Point : 985.51 mV
Plot Offset: -14.49 mV Plot Scale: 1000.0 mV



```

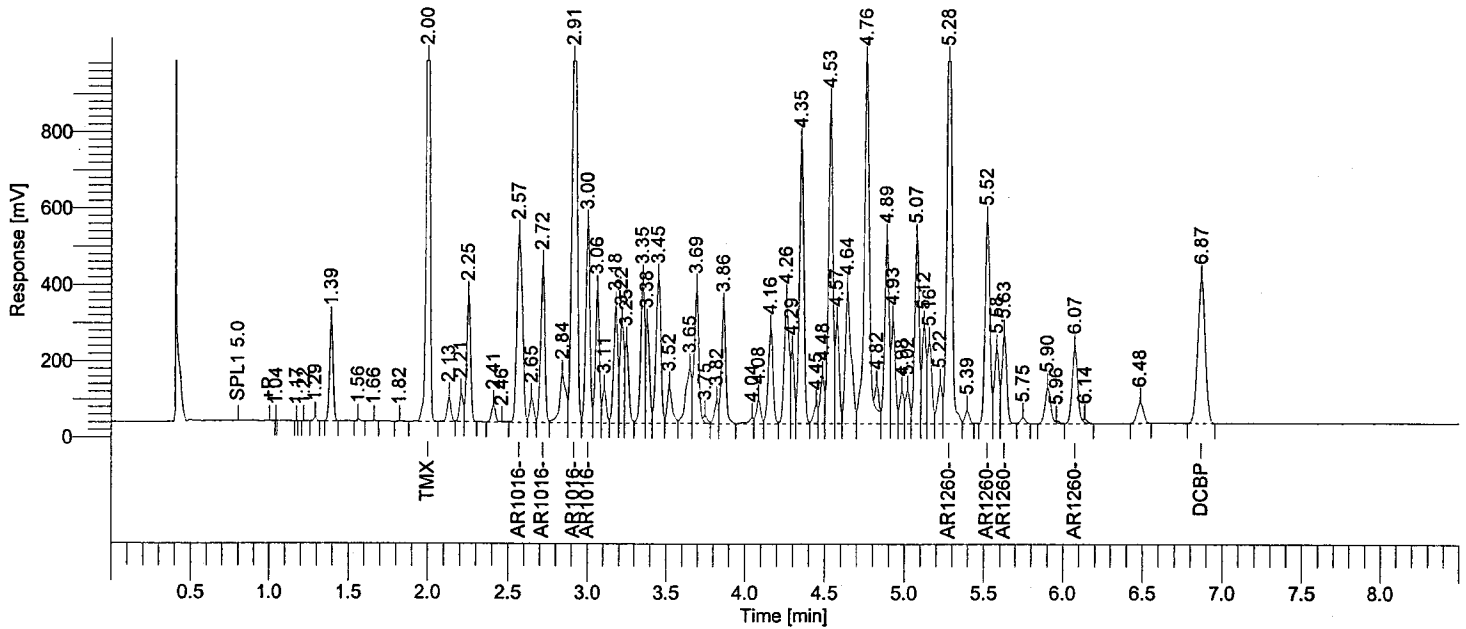
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200772
Operator          : tchrom
Sample Number     : 0.5NG
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-07
Instrument Serial # : CN10448015
Delay Time        : 0.00 min
Sampling Rate     : 20.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/03/2008 16:00:43

Date              : 07/04/2008 10:39:54
Sample Name      : ICM66VK
Study            : CCV
Rack/Vial        : 1/32
Channel          : A
A/D mV Range     : 1000
End Time         : 12.94 min

Area Reject      : 8000.000000
Dilution Factor  : 1.00
Cycle            : 19
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a63132.raw <Modified>
Result File : H:\TURBO6\6890-07\7a63132.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63132.raw
Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63132.rst
Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a63132.rst
Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.00	VV	2193209	TMX	0.04156	5.2774e+07	4.3864e+06	38.5	1.93 - 2.07
2.91		5280479	AR1016	0.62111	8.5017e+06	1.0561e+07	24.2	2.84 - 2.98
5.28		4478705	AR1260	0.57058	7.8494e+06	8.9574e+06	14.1	5.21 - 5.35
6.87	BB	1237573	DCBP	0.03427	3.6110e+07	2.4751e+06	14.2	6.80 - 6.94
		13189966		1.26752		2.6380e+07		

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07/04/2008 10:39:54 Result: H:\TURBO6\6890-07\7a63132.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.57	VV	1172780	AR1016-A	0.60444	1.9403e+06	2.3456e+06	20.9	2.50	-	2.64
2.72	VV	722499	AR1016-B	0.61328	1.1781e+06	1.4450e+06	22.7	2.65	-	2.79
2.91	VV	2465921	AR1016-C	0.64762	3.8076e+06	4.9318e+06	29.5	2.84	-	2.98
3.00	VV	919279	AR1016-D	0.58343	1.5756e+06	1.8386e+06	16.7	2.93	-	3.07
				5280479	2.44877	1.0561e+07				

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
5.28	VV	2340313	AR1260-A	0.58123	4.0265e+06	4.6806e+06	16.2	5.21	-	5.35
5.52	VV	1137181	AR1260-B	0.55003	2.0675e+06	2.2744e+06	10.0	5.45	-	5.59
5.63	VV	501178	AR1260-C	0.53489	9.3698e+05	1.0024e+06	7.0	5.56	-	5.70
6.07	VE	500032	AR1260-D	0.61093	8.1848e+05	1.0001e+06	22.2	6.00	-	6.14
				4478705	2.27708	8.9574e+06				

Sample Name : ICM66VK

Sample #: 0.5NG

Page 1 of 1

FileName : H:\TURBO6\6890-07\7a63132.raw

Date : 07/04/2008 10:39:56

Method : 6890-7pcbins

Time of Injection: 07/03/2008 16:00:43

Start Time : 0.00 min

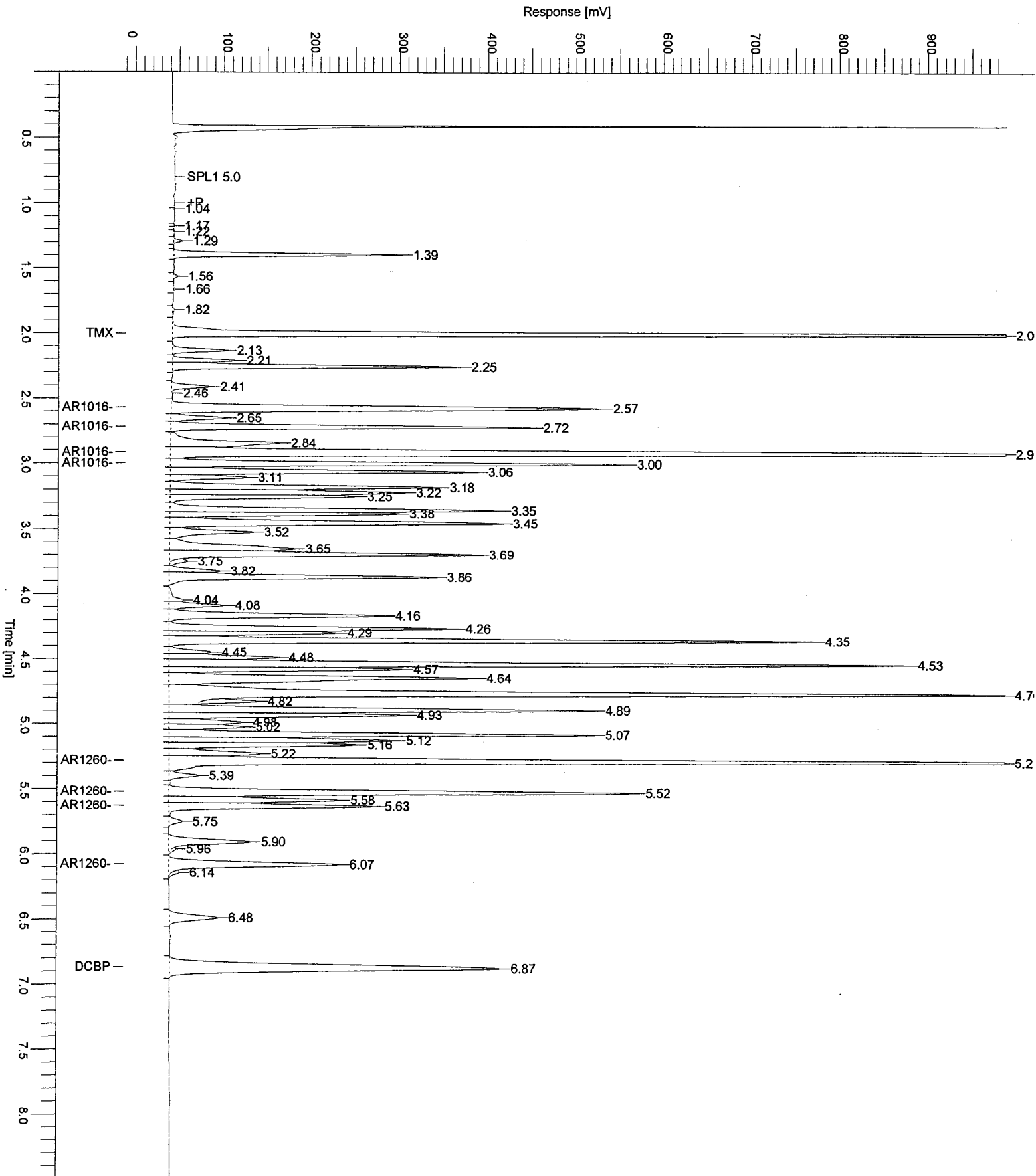
End Time : 8.50 min

Low Point : -11.13 mV

High Point : 988.87 mV

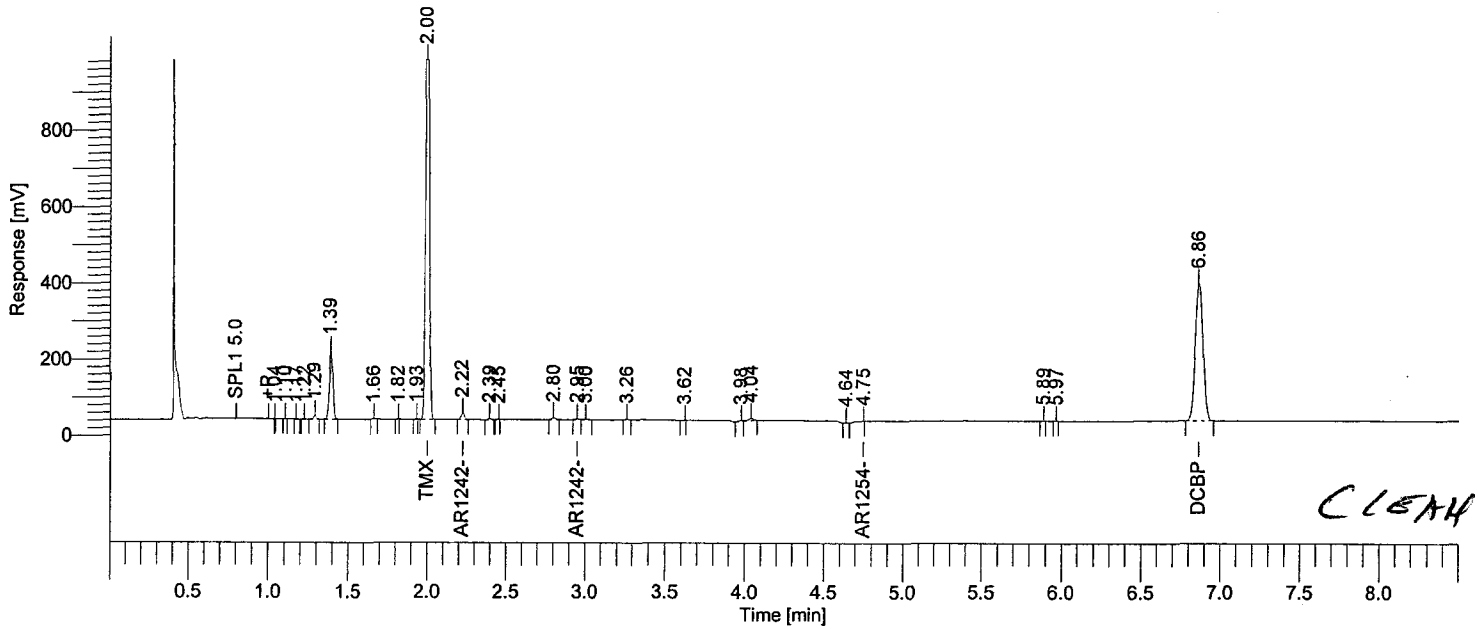
Plot Offset: -11.13 mV

Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:40:05
 Reprocess Number : buf2042: 200774
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/33
 Instrument Name : HP6890-07 Channel : A
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.94 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 16:18:58 Cycle : 20

Raw Data File : H:\TURBO6\6890-07\7a63133.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a63133.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63133.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63133.rst
 Calib Method : h:\turbo6\6890-07\7a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63133.rst
 Report Format File: h:\turbo6\6890-07\7pcbssamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.00	VB	2086555	TMX	0.03954	-----	0
	2.22		29238	AR1242	0.00481	0.00120	4
	4.75		5707	AR1254	5.56e-04	1.39e-04	4
25	6.86	BB	1196000	DCBP	0.03312	-----	0
			3317500			0.00134	

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07/04/2008 10:40:05 Result: H:\TURBO6\6890-07\7a63133.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.22	BB	25279	AR1242-A	0.03578	0.00894	4
-	2.57		0	AR1242-B	0.00000	-----	-
-	2.72		0	AR1242-C	0.00000	-----	-
15	2.95	BV	3959	AR1242-D	0.00133	3.32e-04	4
			29238			0.00928	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.35		0	AR1248-A	0.00000	-----	-
-	3.45		0	AR1248-B	0.00000	-----	-
-	3.52		0	AR1248-C	0.00000	-----	-
-	3.69		0	AR1248-D	0.00000	-----	-
			0			0.00000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.87		0	AR1254-A	0.00000	-----	-
-	4.16		0	AR1254-B	0.00000	-----	-
-	4.36		0	AR1254-C	0.00000	-----	-
22	4.75	BB	5707	AR1254-D	0.00235	5.87e-04	4
			5707			5.87e-04	

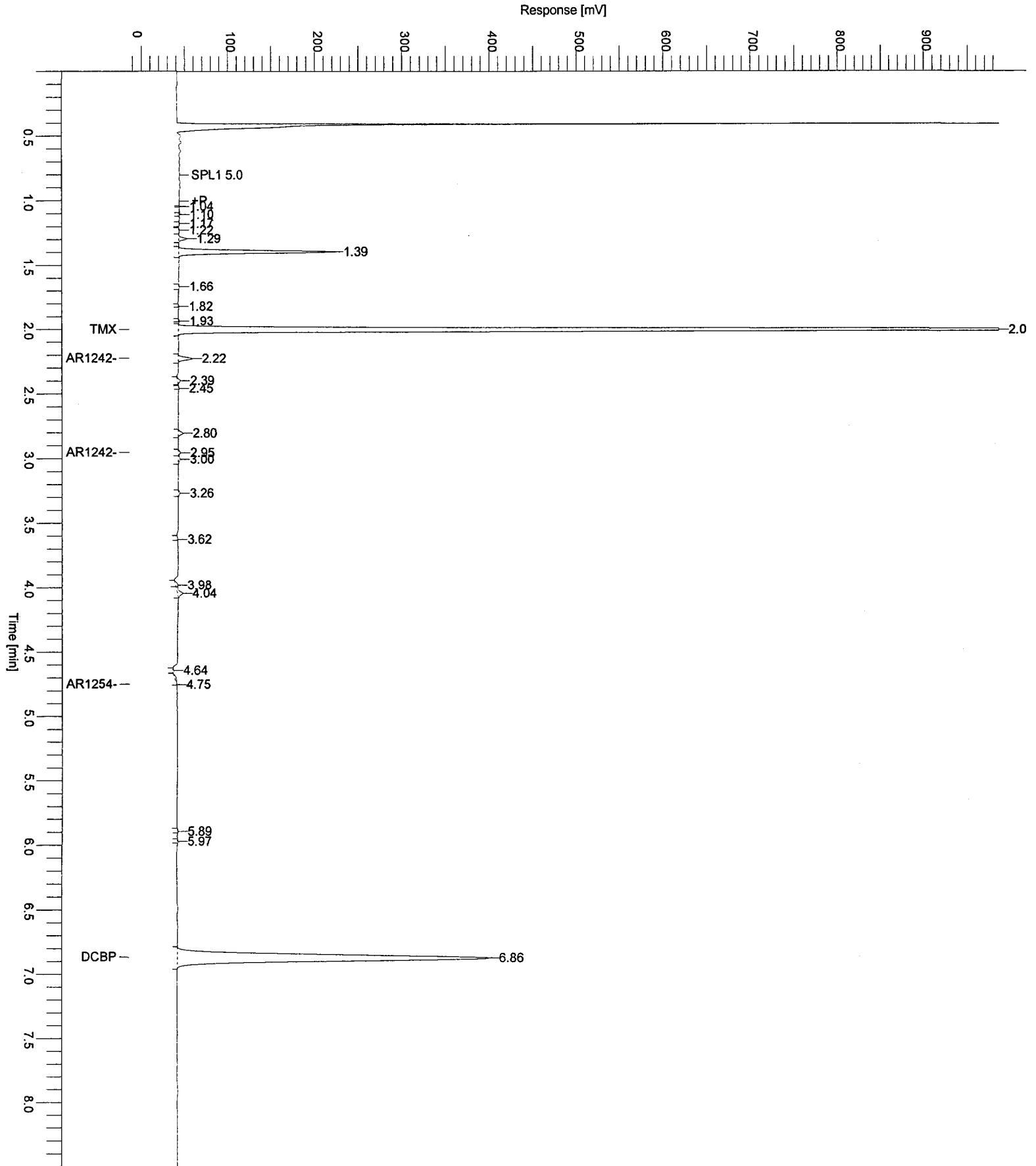
JUL 4 2008

GPD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	5.28		0	AR1260-A	0.00000	-----	-
-	5.52		0	AR1260-B	0.00000	-----	-
-	5.63		0	AR1260-C	0.00000	-----	-
-	6.08		0	AR1260-D	0.00000	-----	-
			0			0.00000	

Sample Name : ICM3PL
File Name : H:\TURBO6\6890-07\7a63133.raw
Date : 07/04/2008 10:40:07
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -14.05 mV
Sample # : 0.03NG
Page 1 of 1
Time of Injection : 07/03/2008 16:18:58
End Time : 8.50 min
Low Point : -14.05 mV
High Point : 985.96 mV
Plot Scale : 1000.0 mV



```

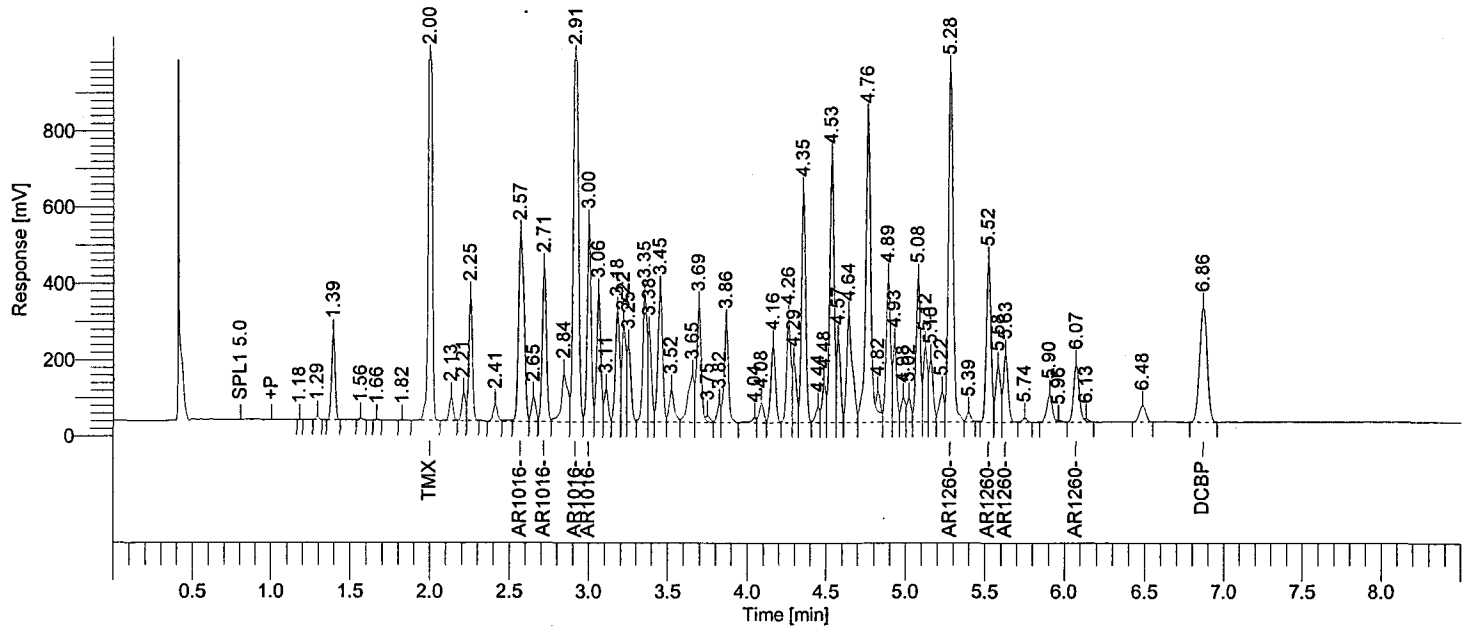
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 200784
Operator : tchrom
Sample Number : 0.5NG
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/03/2008 17:50:13

Date : 07/04/2008 10:41:06
Sample Name : ICM66VL
Study : CCV
Rack/Vial : 1/38
Channel : A
A/D mV Range : 1000
End Time : 12.95 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 25
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a63138.raw <Modified>
Result File : H:\TURBO6\6890-07\7a63138.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63138.raw
Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63138.rst
Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a63138.rst
Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
2.00	VV	2172585	TMX	0.04117	5.2774e+07	4.3452e+06	37.2	1.93 - 2.07
2.91		5224949	AR1016	0.61458	8.5017e+06	1.0450e+07	22.9	2.84 - 2.98
5.28		3454305	AR1260	0.44007	7.8494e+06	6.9086e+06	-12.0	5.21 - 5.35
6.86	BB	993226	DCBP	0.02751	3.6110e+07	1.9865e+06	-8.3	6.79 - 6.93
		11845065		1.12332		2.3690e+07		

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 (Signature)

07/04/2008 10:41:06 Result: H:\TURBO6\6890-07\7a63138.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.57	VV	1168935	AR1016-A	0.60246	1.9403e+06	2.3379e+06	20.5	2.50	-	2.64
2.71	VV	720564	AR1016-B	0.61164	1.1781e+06	1.4411e+06	22.3	2.64	-	2.78
2.91	VV	2431111	AR1016-C	0.63848	3.8076e+06	4.8622e+06	27.7	2.84	-	2.98
3.00	VV	904339	AR1016-D	0.57395	1.5756e+06	1.8087e+06	14.8	2.93	-	3.07
		5224949		2.42653		1.0450e+07				

Group Report For : AR1260

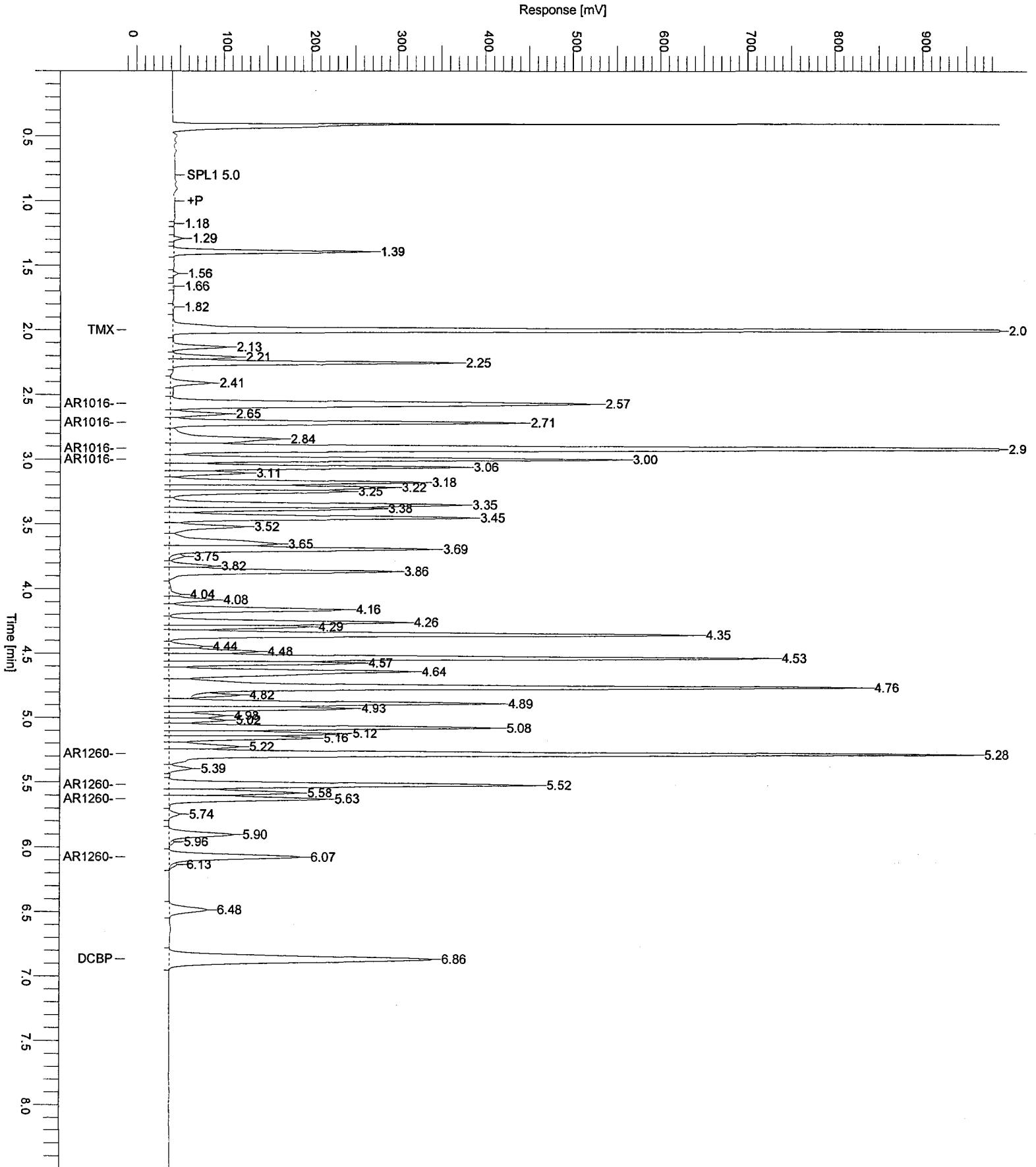
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
5.28	VV	1827699	AR1260-A	0.45392	4.0265e+06	3.6554e+06	-9.2	5.21	-	5.35
5.52	VV	866305	AR1260-B	0.41902	2.0675e+06	1.7326e+06	-16.2	5.45	-	5.59
5.63	VV	377429	AR1260-C	0.40282	9.3698e+05	7.5486e+05	-19.4	5.56	-	5.70
6.07	VE	382872	AR1260-D	0.46779	8.1848e+05	7.6574e+05	-6.4	6.00	-	6.14
		3454305		1.74353		6.9086e+06				

Sample Name : ICM66VL
FileName : H:\TURBO6\6890-07\7a63138.raw
Date : 07/04/2008 10:41:08
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -12.13 mV

Sample #: 0.5NG

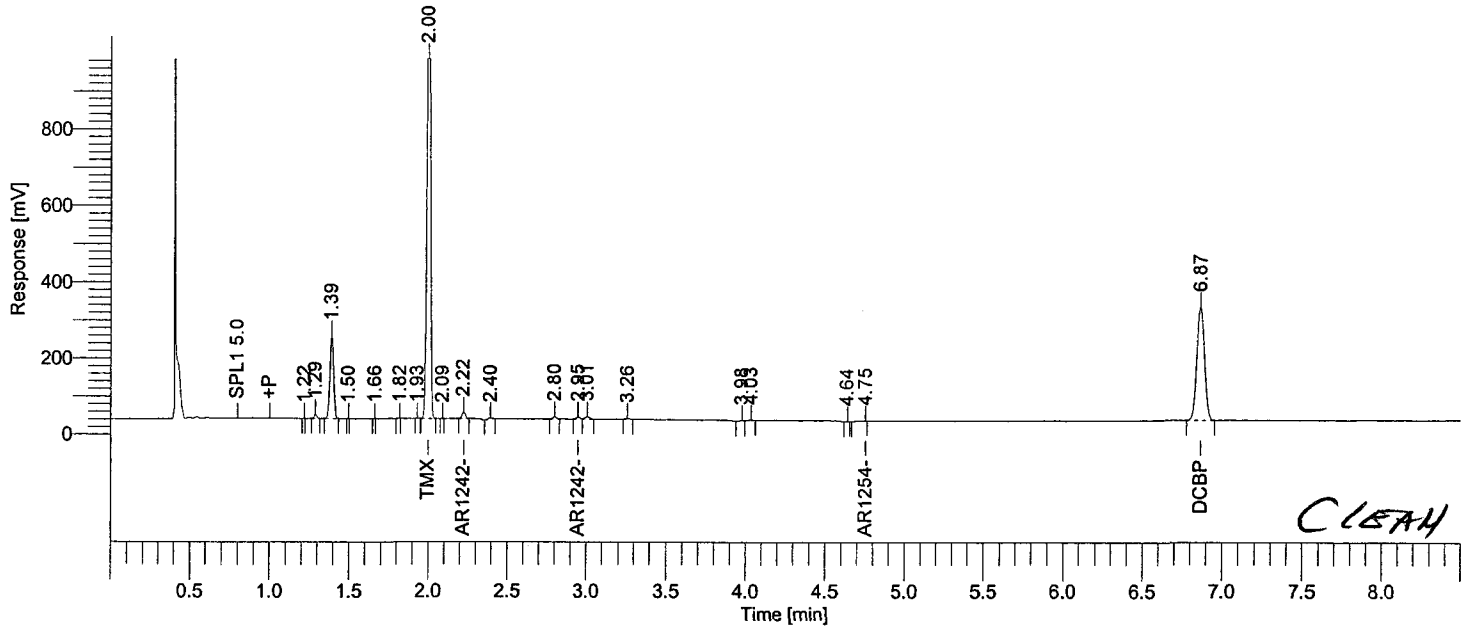
Page 1 of 1

Time of Injection: 07/03/2008 17:50:13
End Time : 8.50 min
Low Point : -12.13 mV
High Point : 987.87 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:41:15
 Reprocess Number : buf2042: 200786
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/39
 Instrument Name : HP6890-07 Channel : A
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.95 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 18:08:22 Cycle : 26

Raw Data File : H:\TURBO6\6890-07\7a63139.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a63139.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63139.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63139.rst
 Calib Method : h:\turbo6\6890-07\07a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63139.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	2.00	BB	2074171	TMX	0.03930	-----	0
	2.22		33964	AR1242	0.00559	0.00140	4
20	6.87	BB	989982	DCBP	0.02742	-----	0
			3098117			0.00140	

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GD

07/04/2008 10:41:15 Result: H:\TURBO6\6890-07\7a63139.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.22	BB	25140	AR1242-A	0.03558	0.00890	4
-	2.57		0	AR1242-B	0.00000	-----	-
-	2.72		0	AR1242-C	0.00000	-----	-
13	2.95	BV	8824	AR1242-D	0.00296	7.41e-04	4
			33964			0.00964	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.35		0	AR1248-A	0.00000	-----	-
-	3.45		0	AR1248-B	0.00000	-----	-
-	3.52		0	AR1248-C	0.00000	-----	-
-	3.69		0	AR1248-D	0.00000	-----	-
			0			0.00000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.87		0	AR1254-A	0.00000	-----	-
-	4.16		0	AR1254-B	0.00000	-----	-
-	4.36		0	AR1254-C	0.00000	-----	-
19	4.75	BB	2953	AR1254-D	0.00122	3.04e-04	4
			2953			3.04e-04	

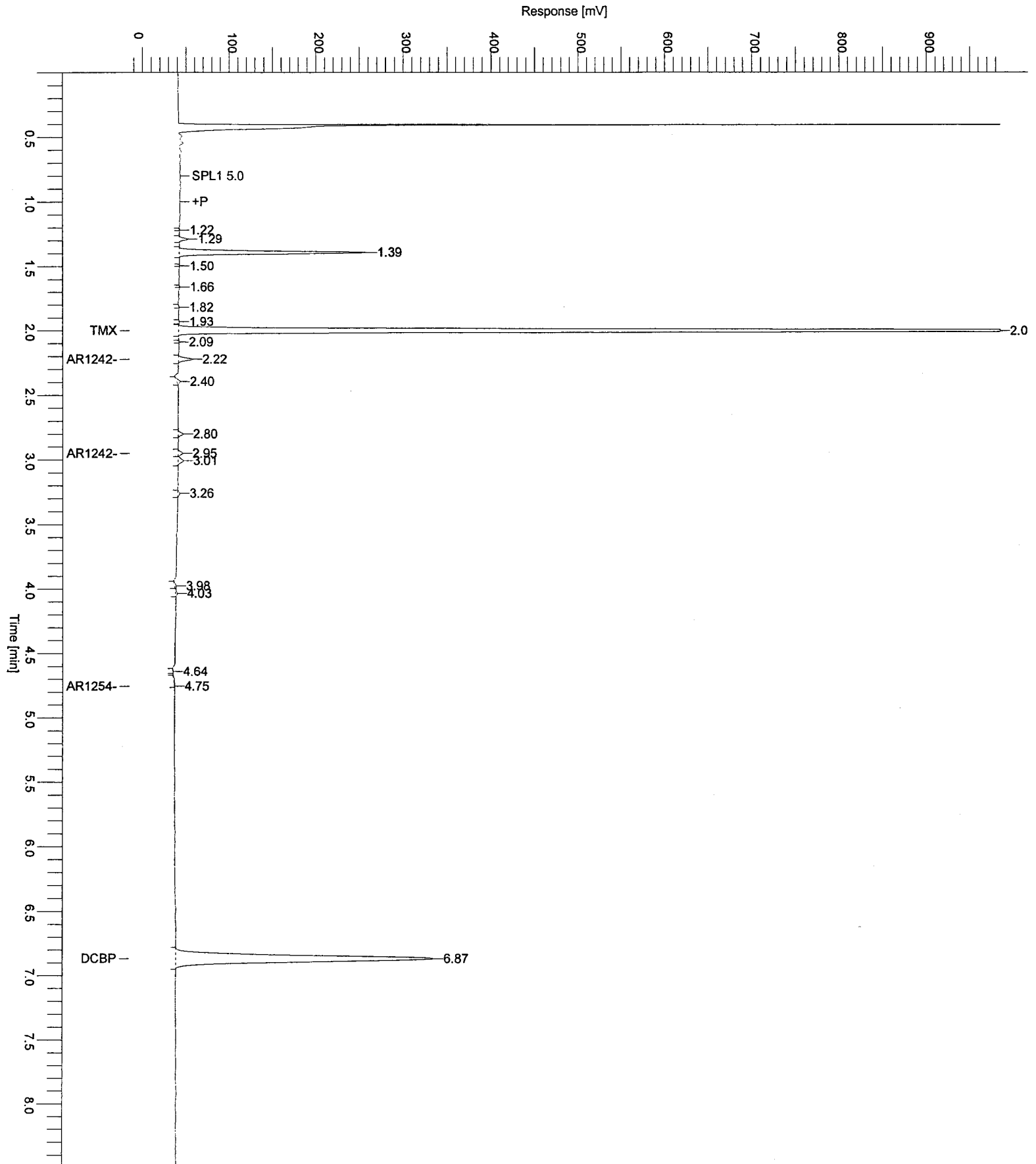
JUL 4 2008

GPD

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	5.28		0	AR1260-A	0.00000	-----	-
-	5.52		0	AR1260-B	0.00000	-----	-
-	5.63		0	AR1260-C	0.00000	-----	-
-	6.08		0	AR1260-D	0.00000	-----	-
			0			0.00000	

Sample Name : ICM3PL
File Name : H:\TURBO6\6890-0717a63139.raw
Date : 07/04/2008 10:41:17
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset : -15.30 mV
Sample # : 0.03NG
Page 1 of 1
Time of Injection : 07/03/2008 18:08:22
End Time : 8.50 min
Low Point : -15.30 mV
High Point : 984.70 mV
Plot Scale : 1000.0 mV



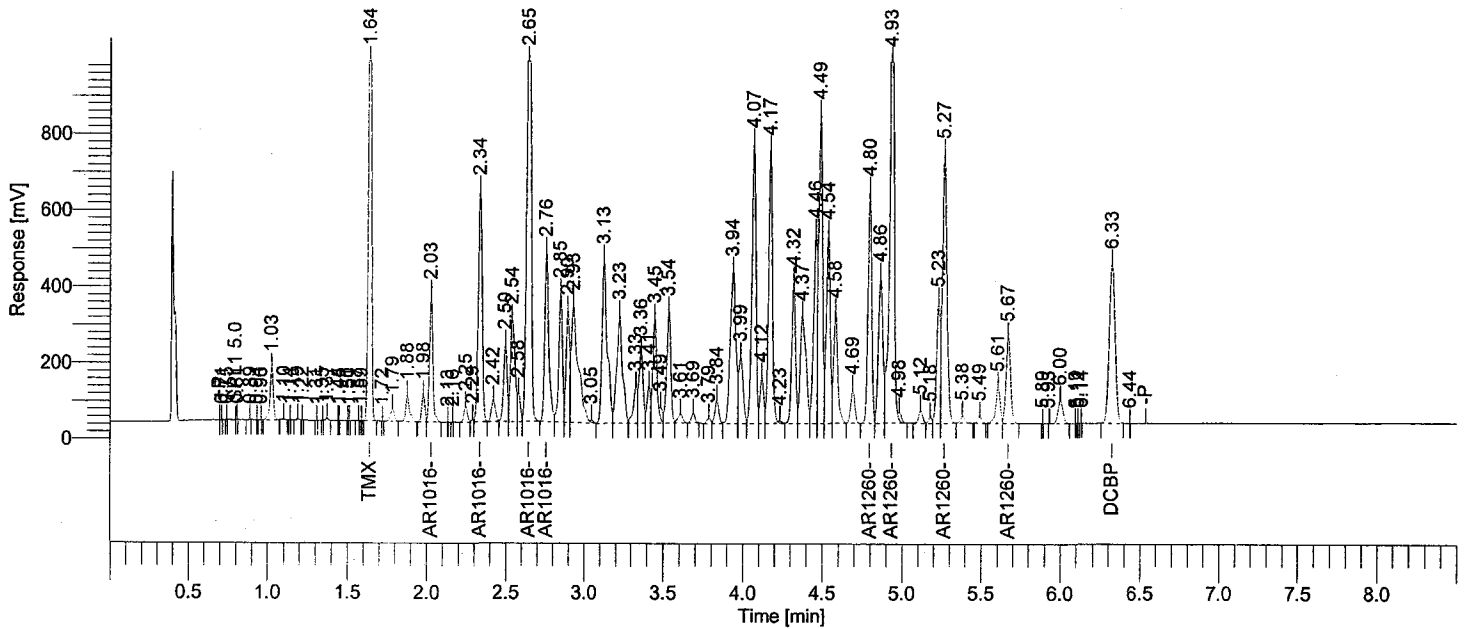

```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200523
Operator          : tchrom
Sample Number     : 0.5NG
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-07
Instrument Serial # : CN10448015
Delay Time       : 0.00 min
Sampling Rate    : 20.0000 pts/s
Sample Volume    : 1.000000 uL
Sample Amount    : 1.0000
Data Acquisition Time : 07/03/2008 09:17:58

Date              : 07/03/2008 09:54:42
Sample Name      : ICM66VL
Study            : CCV
Rack/Vial       : 1/12
Channel         : B
A/D mV Range    : 1000
End Time        : 12.94 min
Area Reject     : 8000.000000
Dilution Factor : 1.00
Cycle           : 3
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b63112.raw <Modified>
Result File   : H:\TURBO6\6890-07\7b63112.rst
Inst Method  : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63112.raw
Proc Method  : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63112.rst
Calib Method : h:\turbo6\6890-07\7b66(06-23-08).mth from H:\TURBO6\6890-07\7b63112.rst
Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal	Continuing Cal Factor	%D	Relative	- RT Window
1.64	BB	1935225	TMX	0.03269	5.9200e+07	3.8704e+06	9.0	1.57	- 1.71
2.65		4587013	AR1016	0.48592	9.4399e+06	9.1740e+06	-2.8	2.58	- 2.72
4.93		5231282	AR1260	0.48970	1.0683e+07	1.0463e+07	-2.1	4.86	- 5.00
6.33	BB	1058926	DCBP	0.03073	3.4456e+07	2.1179e+06	2.4	6.26	- 6.40
		12812446		1.03904		2.5625e+07			

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SA

07/03/2008 09:54:42 Result: H:\TURBO6\6890-07\7b63112.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.03	VB	477732	AR1016-A	0.49906	9.5727e+05	9.5546e+05	-0.2	1.96	-	2.10
2.34	VB	1047713	AR1016-B	0.48052	2.1804e+06	2.0954e+06	-3.9	2.27	-	2.41
2.65	VB	2238813	AR1016-C	0.48644	4.6025e+06	4.4776e+06	-2.7	2.58	-	2.72
2.76	BV	822754	AR1016-D	0.48405	1.6997e+06	1.6455e+06	-3.2	2.69	-	2.83
		4587013		1.95006		9.1740e+06				

Group Report For : AR1260

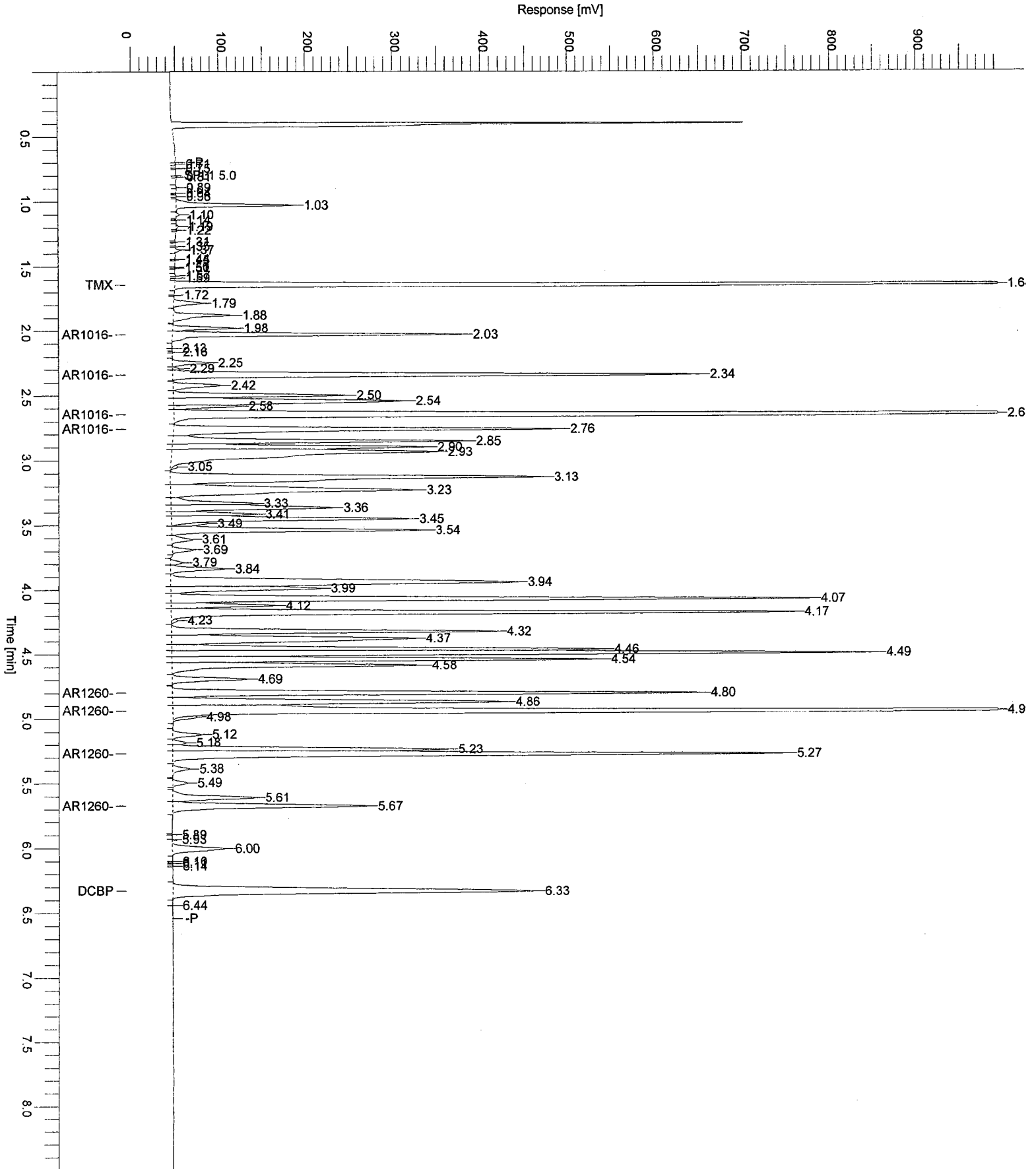
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
4.80	BV	1021048	AR1260-A	0.49332	2.0698e+06	2.0421e+06	-1.3	4.73	-	4.87
4.93	VE	2387705	AR1260-B	0.50387	4.7387e+06	4.7754e+06	0.8	4.86	-	5.00
5.27	VV	1372592	AR1260-C	0.46979	2.9217e+06	2.7452e+06	-6.0	5.20	-	5.34
5.67	VB	449937	AR1260-D	0.47241	9.5243e+05	8.9987e+05	-5.5	5.60	-	5.74
		5231282		1.93939		1.0463e+07				

Sample Name : ICM66VL
FileName : H:\TURBO6\6890-07\7b63112.raw
Date : 07/03/2008 09:54:44
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -6.67 mV

Sample #: 0.5NG

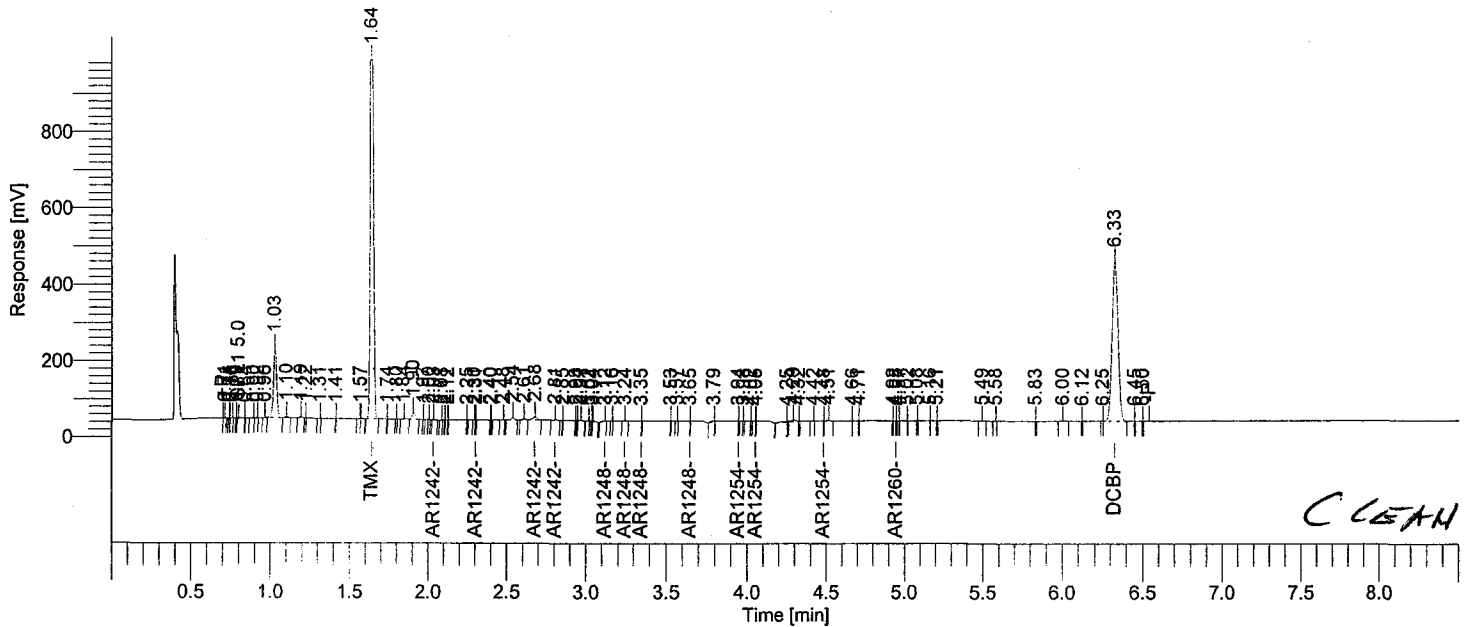
Page 1 of 1

Time of Injection: 07/03/2008 09:17:58
End Time : 8.50 min
Low Point : -6.67 mV
High Point : 993.33 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/03/2008 09:54:49
 Reprocess Number : buf2042: 200525
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/13
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.95 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 09:36:14 Cycle : 4

Raw Data File : H:\TURBO6\6890-07\7b63113.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63113.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63113.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63113.rst
 Calib Method : h:\turbo6\6890-07\7b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63113.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.64	BB	1968432	TMX	0.03325	-----	0
	2.68		20972	AR1242	0.00285	7.13e-04	4
79	6.33	VB	1050497	DCBP	0.03049	-----	0
			3039900			7.13e-04	

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07/03/2008 09:54:49 Result: H:\TURBO6\6890-07\7b63113.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
25	2.03	BB	958	AR1242-A	0.00120	3.01e-04	4
31	2.31	VB	42	AR1242-B	2.44e-05	6.10e-06	4
37	2.68	VB	16608	AR1242-C	0.00469	0.00117	4
38	2.81	BB	3364	AR1242-D	0.00258	6.45e-04	4
						20972	0.00212

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
46	3.12	BB	2968	AR1248-A	0.00164	4.09e-04	4
48	3.24	BB	746	AR1248-B	4.04e-04	1.01e-04	4
49	3.35	BB	16	AR1248-C	7.31e-06	1.83e-06	4
52	3.65	BB	13	AR1248-D	6.27e-06	1.57e-06	4
						3743	5.14e-04

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
54	3.94	BB	10	AR1254-A	2.92e-06	7.30e-07	4
57	4.05	BB	18	AR1254-B	4.96e-06	1.24e-06	4
-	4.18		0	AR1254-C	0.00000	-----	-
62	4.48	BV	23	AR1254-D	7.87e-06	1.97e-06	4
						51	3.94e-06

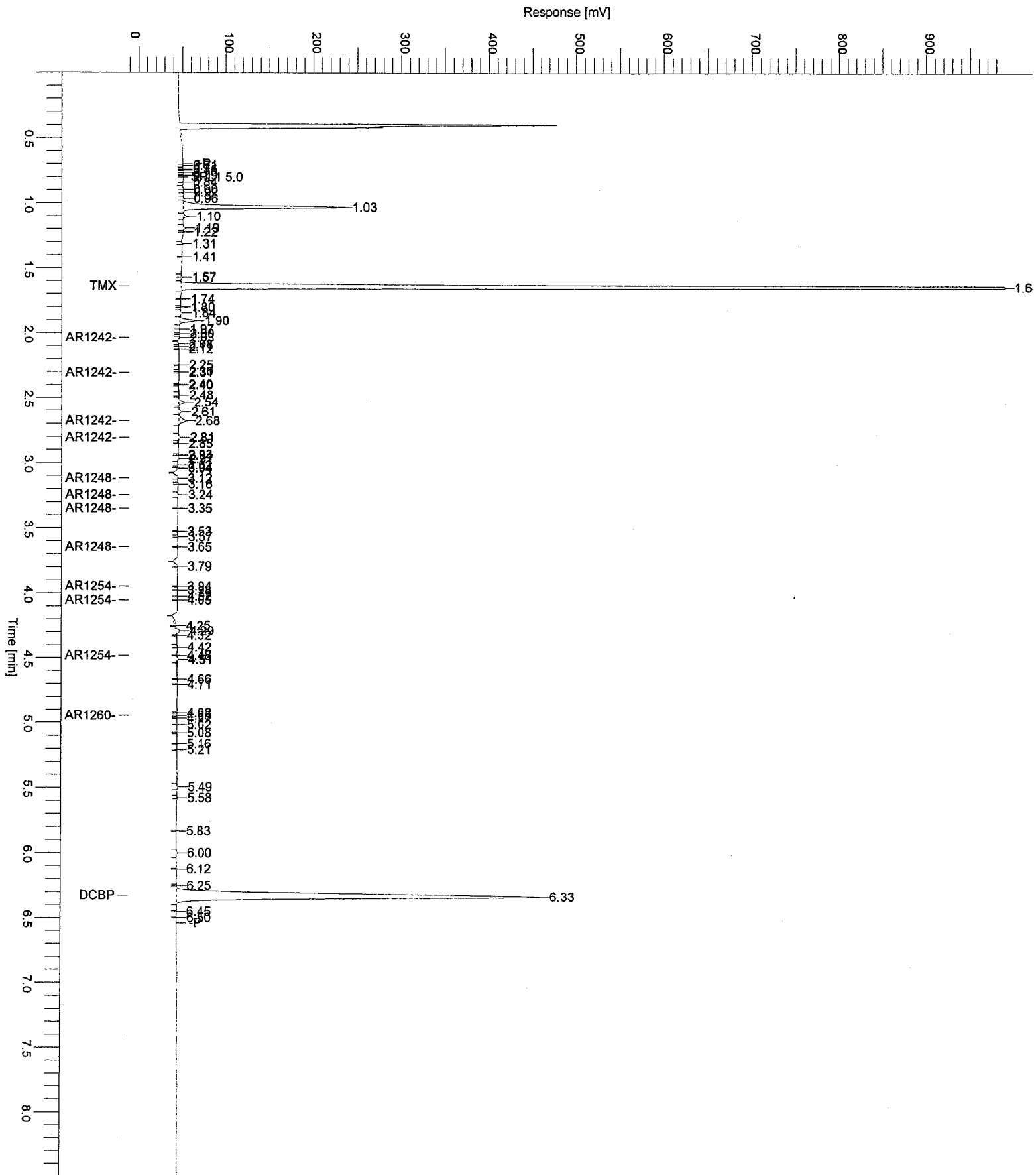
JUL 3 2008

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Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.80		0	AR1260-A	0.00000	-----	-
67	4.95	BB	26	AR1260-B	5.47e-06	1.37e-06	4
-	5.27		0	AR1260-C	0.00000	-----	-
-	5.68		0	AR1260-D	0.00000	-----	-
						26	1.37e-06

Sample Name : ICM3PL Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7b63113.raw
Date : 07/03/2008 09:54:51 Time of Injection: 07/03/2008 09:36:14
Method : 6890-7pcbins Start Time : 0.00 min End Time : 8.50 min Low Point : -10.95 mV High Point : 989.04 mV
Plot Offset: -10.95 mV Plot Scale: 1000.0 mV



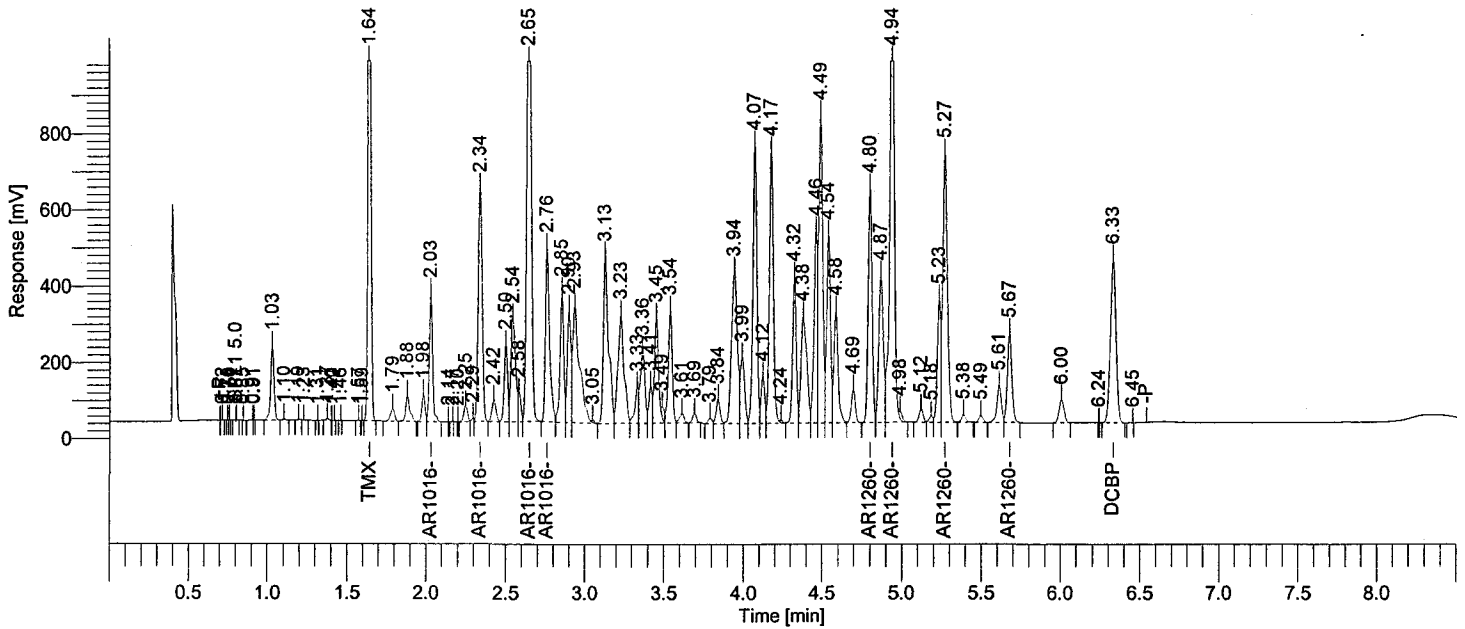
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Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200757
Operator          : tchrom
Sample Number     : 0.5NG
AutoSampler      : BUILT-IN
Instrument Name   : HP6890-07
Instrument Serial # : CN10448015
Delay Time       : 0.00 min
Sampling Rate    : 20.0000 pts/s
Sample Volume    : 1.000000 uL
Sample Amount    : 1.0000
Data Acquisition Time : 07/03/2008 13:34:42

Date              : 07/04/2008 10:38:15
Sample Name      : ICM66VL
Study            : CCV
Rack/Vial       : 1/24
Channel         : B
A/D mV Range    : 1000
End Time        : 12.93 min
Area Reject     : 8000.000000
Dilution Factor : 1.00
Cycle           : 11
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b63124.raw <Modified>
Result File   : H:\TURBO6\6890-07\7b63124.rst
Inst Method  : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63124.raw
Proc Method  : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63124.rst
Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b63124.rst
Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.64	BB	1961309	TMX	0.03313	5.9200e+07	3.9226e+06	10.4	1.57 - 1.71
2.65		4643545	AR1016	0.49191	9.4399e+06	9.2871e+06	-1.6	2.58 - 2.72
4.94		5282511	AR1260	0.49450	1.0683e+07	1.0565e+07	-1.1	4.87 - 5.01
6.33	VB	1071996	DCBP	0.03111	3.4456e+07	2.1440e+06	3.7	6.26 - 6.40
		12959361		1.05065		2.5919e+07		

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07/04/2008 10:38:15 Result: H:\TURBO6\6890-07\7b63124.rst

Group Report For : AR1016

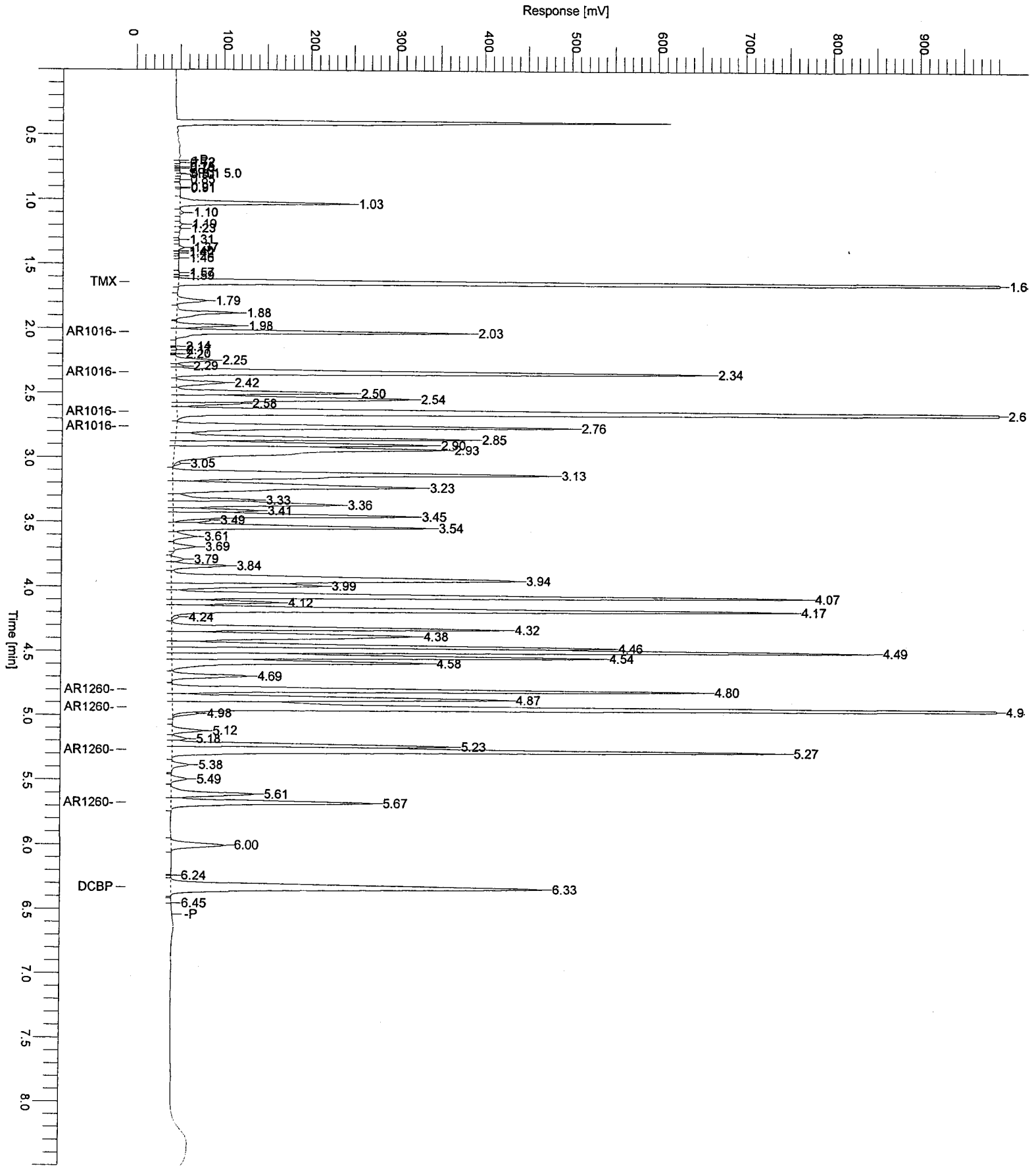
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.03	VB	483577	AR1016-A	0.50516	9.5727e+05	9.6715e+05	1.0	1.96	-	2.10
2.34	VV	1061028	AR1016-B	0.48663	2.1804e+06	2.1221e+06	-2.7	2.27	-	2.41
2.65	VB	2267493	AR1016-C	0.49267	4.6025e+06	4.5350e+06	-1.5	2.58	-	2.72
2.76	BV	831449	AR1016-D	0.48916	1.6997e+06	1.6629e+06	-2.2	2.69	-	2.83
				4643545	1.97362	9.2871e+06				

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
4.80	BV	1028025	AR1260-A	0.49669	2.0698e+06	2.0561e+06	-0.7	4.73	-	4.87
4.94	VE	2409988	AR1260-B	0.50857	4.7387e+06	4.8200e+06	1.7	4.87	-	5.01
5.27	VB	1388539	AR1260-C	0.47525	2.9217e+06	2.7771e+06	-5.0	5.20	-	5.34
5.67	VB	455959	AR1260-D	0.47873	9.5243e+05	9.1192e+05	-4.3	5.60	-	5.74
				5282511	1.95924	1.0565e+07				

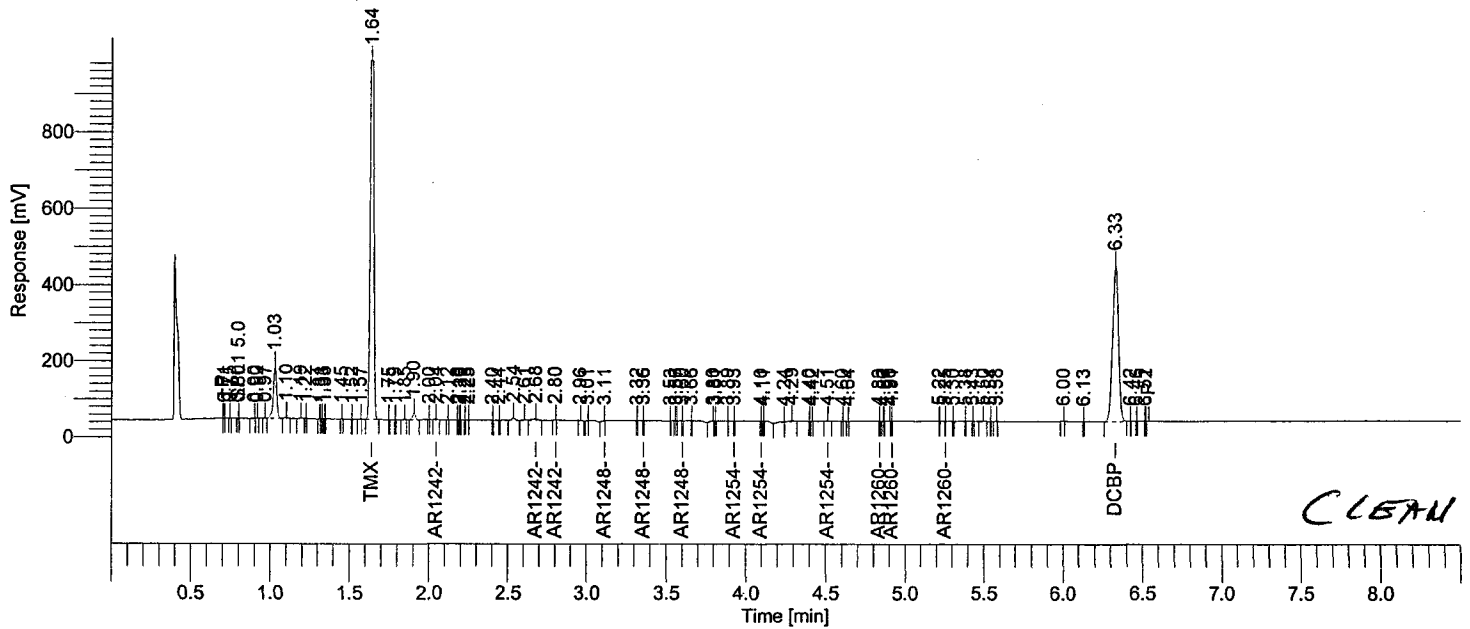
Sample Name : ICM66VL
FileName : H:\TURBO6\6890-07\7b63124.raw
Date : 07/04/2008 10:38:17
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -8.20 mV

Sample #: 0.5NG
Page 1 of 1
Time of Injection: 07/03/2008 13:34:42
End Time : 8.50 min
Low Point : -8.20 mV
High Point : 991.80 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:38:29
 Reprocess Number : buf2042: 200759
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/25
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.93 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 13:53:05 Cycle : 12

Raw Data File : H:\TURBO6\6890-07\7b63125.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63125.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63125.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63125.rst
 Calib Method : h:\turbo6\6890-07\07b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63125.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.64	BB	1937647	TMX	0.03273	-----	0
	2.68		13366	AR1242	0.00182	4.55e-04	4
74	6.33	BB	1030271	DCBP	0.02990	-----	0
			2981284			4.55e-04	

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07/04/2008 10:38:29 Result: H:\TURBO6\6890-07\7b63125.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
23	2.04	BB	2764	AR1242-A	0.00347	8.67e-04	4
-	2.34		0	AR1242-B	0.00000	-----	-
34	2.68	VB	10230	AR1242-C	0.00289	7.22e-04	4
35	2.80	BB	372	AR1242-D	2.85e-04	7.13e-05	4
						13366	0.00166

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
38	3.11	BB	1411	AR1248-A	7.79e-04	1.95e-04	4
-	3.23		0	AR1248-B	0.00000	-----	-
40	3.36	BB	19	AR1248-C	8.63e-06	2.16e-06	4
44	3.60	BB	45	AR1248-D	2.17e-05	5.41e-06	4
						1475	2.02e-04

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
49	3.93	BB	22	AR1254-A	6.22e-06	1.55e-06	4
50	4.10	BB	36	AR1254-B	1.02e-05	2.55e-06	4
-	4.18		0	AR1254-C	0.00000	-----	-
56	4.51	BB	1467	AR1254-D	5.07e-04	1.27e-04	4
						1525	1.31e-04

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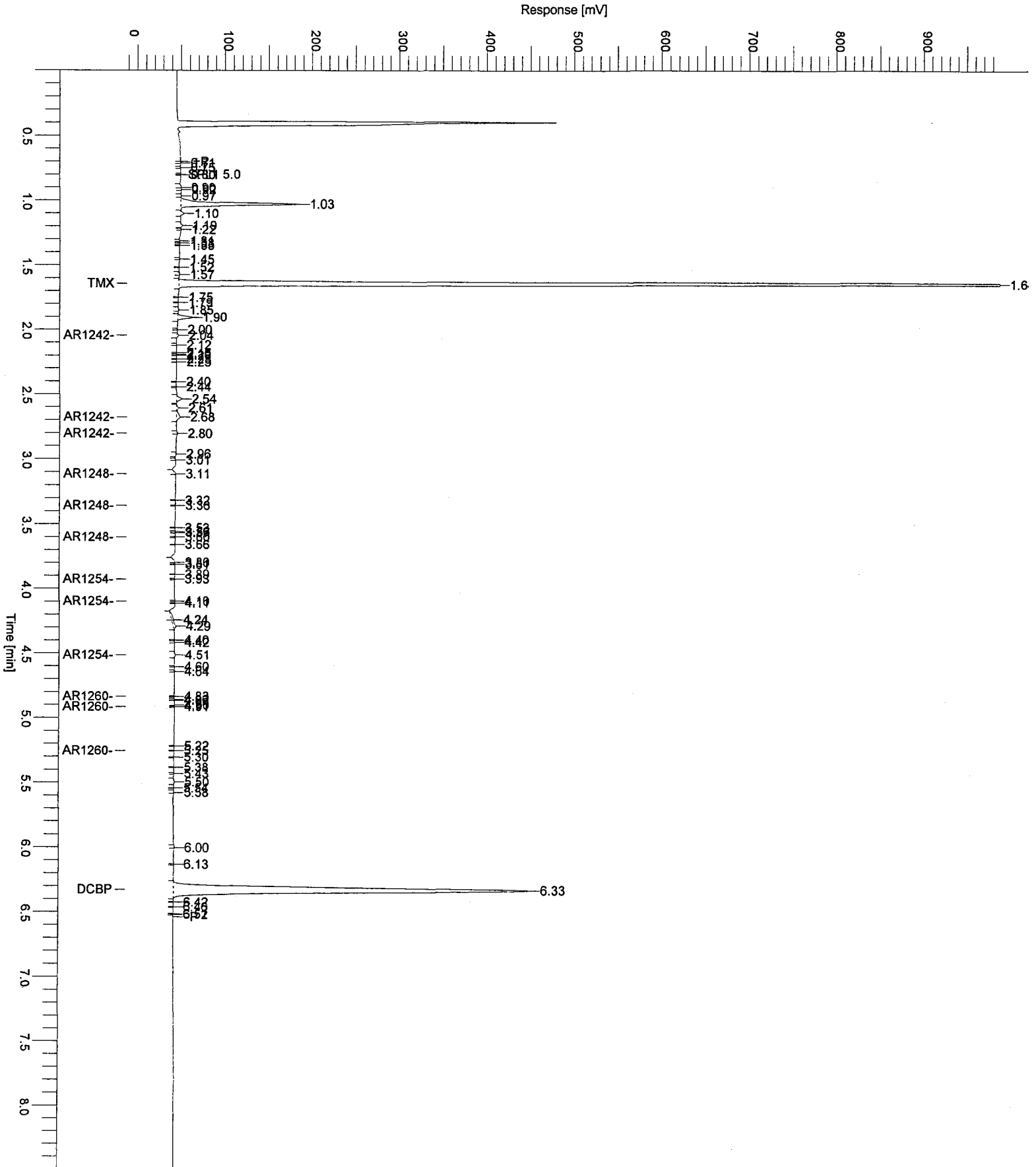
60

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
59	4.83	BB	19	AR1260-A	9.18e-06	2.29e-06	4
63	4.91	BB	20	AR1260-B	4.15e-06	1.04e-06	4
65	5.25	BB	17	AR1260-C	5.81e-06	1.45e-06	4
-	5.68		0	AR1260-D	0.00000	-----	-
						56	4.78e-06

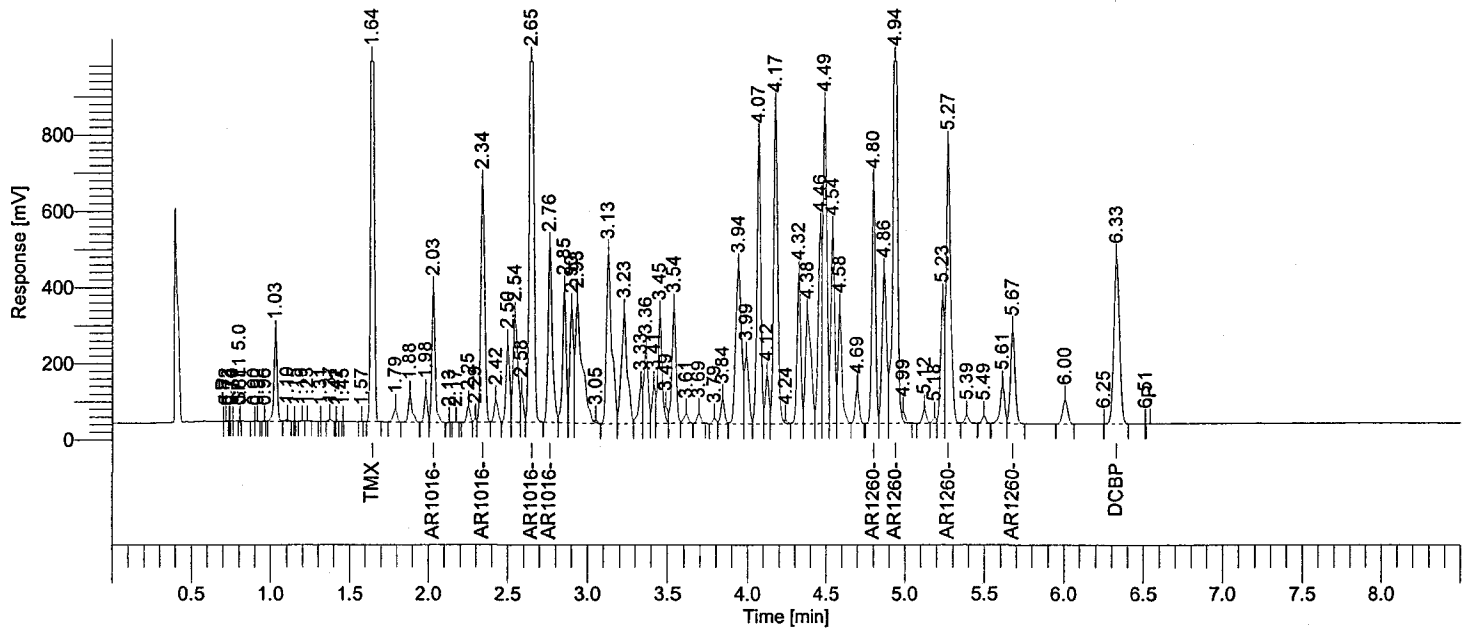
Sample Name : ICM3PL
File Name : H:\TURBO6\6890-07\7b63125.raw
Date : 07/04/2008 10:38:31
Method : 6890-7pcbins

Sample #: 0.03NG Page 1 of 1
Time of Injection: 07/03/2008 13:53:05
Start Time : 0.00 min End Time : 8.50 min
Low Point : -12.37 mV High Point : 987.63 mV
Plot Offset: -12.37 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:39:59
 Reprocess Number : buf2042: 200773
 Operator : tchrom Sample Name : ICM66VK
 Sample Number : 0.5NG Study : CCV
 AutoSampler : BUILT-IN Rack/Vial : 1/32
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.94 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 8000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 16:00:43 Cycle : 19

Raw Data File : H:\TURBO6\6890-07\7b63132.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63132.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63132.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63132.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b63132.rst
 Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	RT Window
1.64	BB	1990796	TMX	0.03363	5.9200e+07	3.9816e+06	12.1	1.57 -	1.71
2.65		4737987	AR1016	0.50191	9.4399e+06	9.4760e+06	0.4	2.58 -	2.72
4.94		5399914	AR1260	0.50549	1.0683e+07	1.0800e+07	1.1	4.87 -	5.01
6.33	VB	1090688	DCBP	0.03165	3.4456e+07	2.1814e+06	5.5	6.26 -	6.40
		13219386		1.07268		2.6439e+07			

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07/04/2008 10:39:59 Result: H:\TURBO6\6890-07\7b63132.rst

Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.03	VB	504677	AR1016-A	0.52720	9.5727e+05	1.0094e+06	5.4	1.96	-	2.10
2.34	VV	1079052	AR1016-B	0.49489	2.1804e+06	2.1581e+06	-1.0	2.27	-	2.41
2.65	VB	2302734	AR1016-C	0.50033	4.6025e+06	4.6055e+06	0.1	2.58	-	2.72
2.76	BV	851525	AR1016-D	0.50098	1.6997e+06	1.7031e+06	0.2	2.69	-	2.83
				4737987	2.02340	9.4760e+06				

Group Report For : AR1260

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
4.80	BV	1049417	AR1260-A	0.50702	2.0698e+06	2.0988e+06	1.4	4.73	-	4.87
4.94	VE	2458180	AR1260-B	0.51874	4.7387e+06	4.9164e+06	3.7	4.87	-	5.01
5.27	VV	1423825	AR1260-C	0.48733	2.9217e+06	2.8477e+06	-2.5	5.20	-	5.34
5.67	VB	468492	AR1260-D	0.49189	9.5243e+05	9.3698e+05	-1.6	5.60	-	5.74
				5399914	2.00498	1.0800e+07				

Sample Name : ICM66VK

Sample #: 0.5NG

Page 1 of 1

FileName : H:\TURBO6\6890-07\7b63132.raw

Date : 07/04/2008 10:40:01

Time of Injection: 07/03/2008 16:00:43

Method : 6890-7pcbins

Start Time : 0.00 min

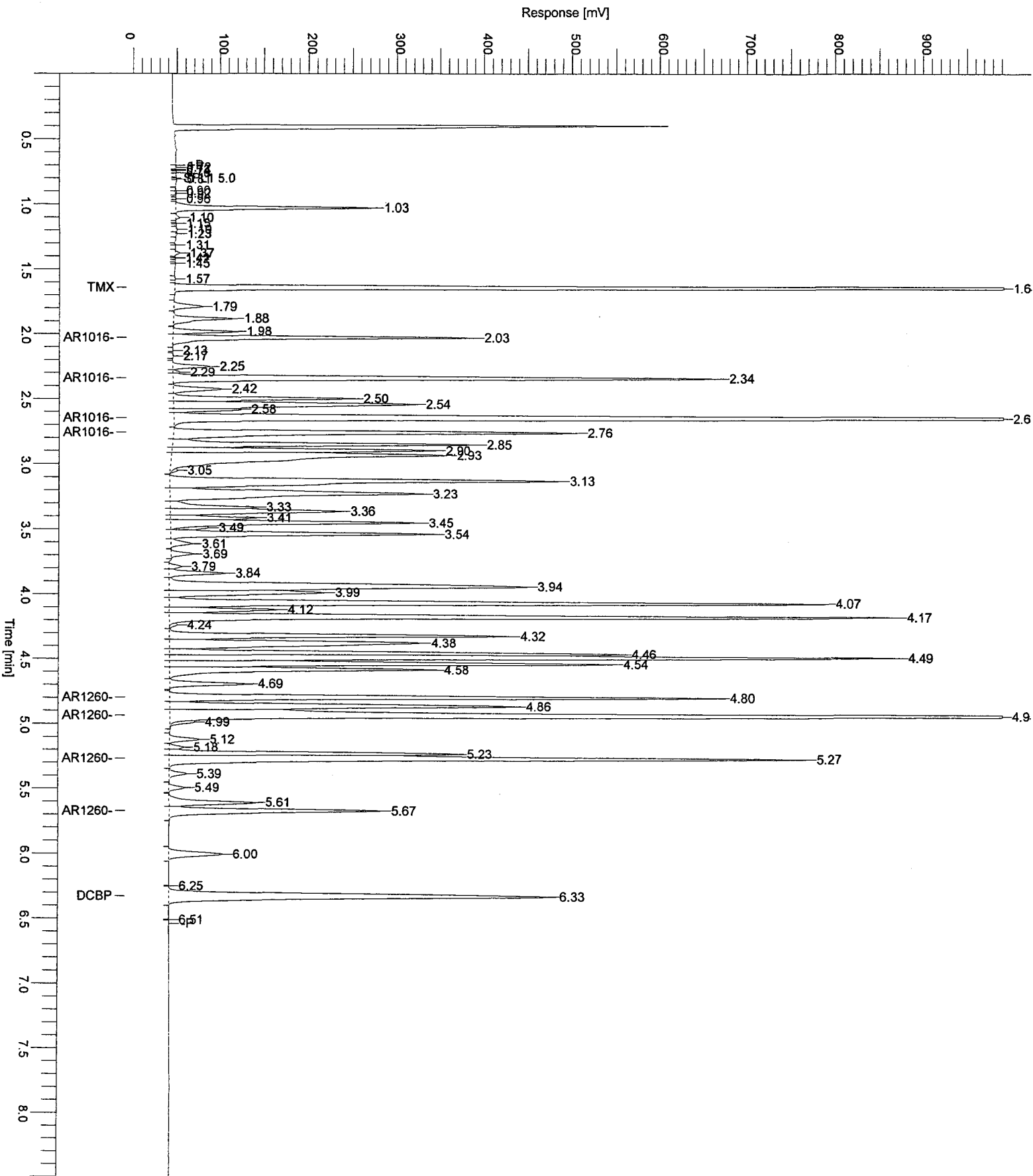
End Time : 8.50 min

Low Point : -8.14 mV

High Point : 991.86 mV

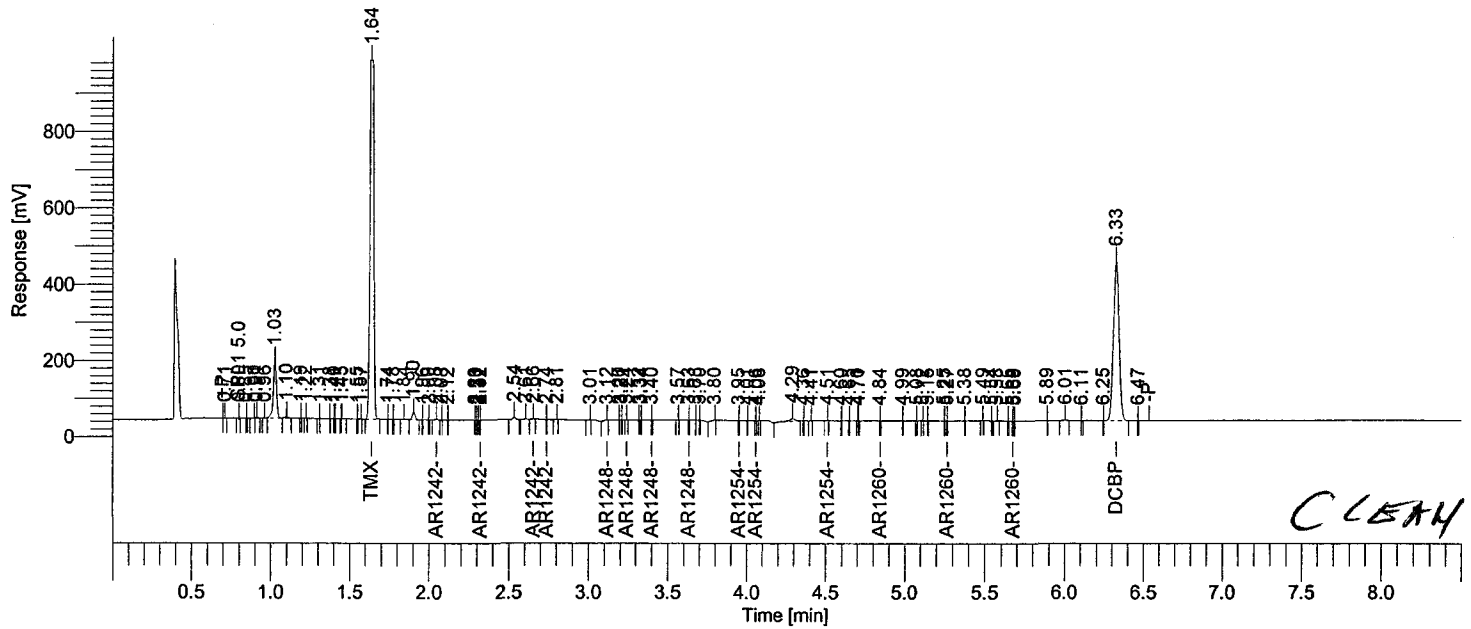
Plot Offset: -8.14 mV

Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:40:11
 Reprocess Number : buf2042: 200775
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/33
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.94 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 16:18:58 Cycle : 20

Raw Data File : H:\TURBO6\6890-07\7b63133.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63133.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63133.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63133.rst
 Calib Method : h:\turbo6\6890-07\07b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63133.rst
 Report Format File: h:\turbo6\6890-07\7pcbssamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
19	1.64	BB	1982183	TMX	0.03348	-----	0
81	6.33	VB	1055281	DCBP	0.03063	-----	0
			3037464			0.00000	

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Handwritten initials

07/04/2008 10:40:11 Result: H:\TURBO6\6890-07\7b63133.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
26	2.05	BB	2964	AR1242-A	0.00372	9.30e-04	4
32	2.32	BB	16	AR1242-B	9.16e-06	2.29e-06	4
35	2.66	BB	1600	AR1242-C	4.52e-04	1.13e-04	4
36	2.74	BB	32	AR1242-D	2.47e-05	6.17e-06	4
						0.00105	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
39	3.12	BB	2485	AR1248-A	0.00137	3.43e-04	4
42	3.24	BB	83	AR1248-B	4.50e-05	1.12e-05	4
45	3.40	BB	30	AR1248-C	1.36e-05	3.40e-06	4
47	3.63	BB	25	AR1248-D	1.19e-05	2.98e-06	4
						3.60e-04	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
51	3.95	BB	17	AR1254-A	4.81e-06	1.20e-06	4
53	4.06	BB	29	AR1254-B	8.16e-06	2.04e-06	4
-	4.18		0	AR1254-C	0.00000	-----	-
58	4.51	BB	415	AR1254-D	1.43e-04	3.59e-05	4
						3.91e-05	

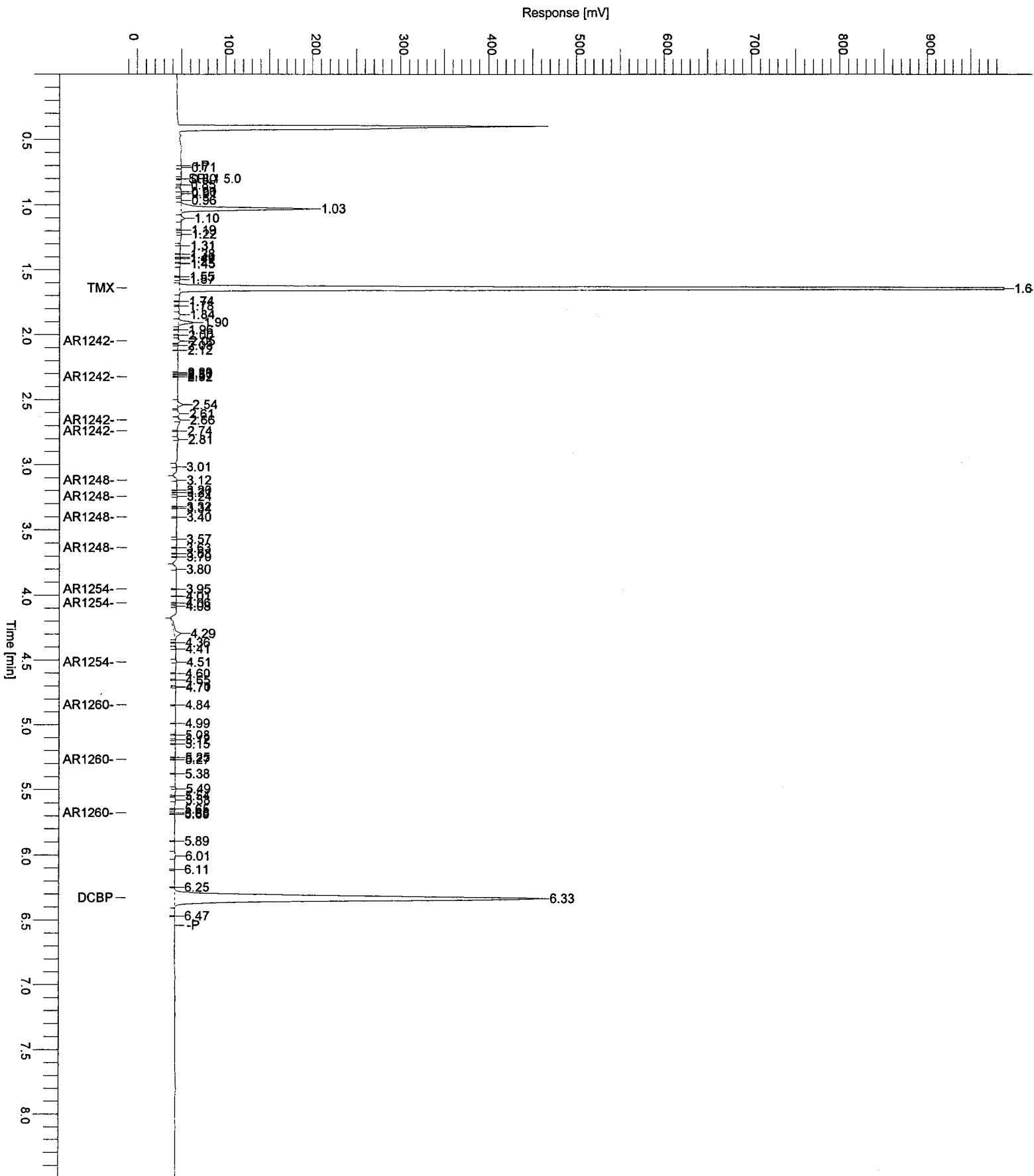
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
63	4.84	BB	25	AR1260-A	1.22e-05	3.06e-06	4
-	4.94		0	AR1260-B	0.00000	-----	-
69	5.27	BB	22	AR1260-C	7.46e-06	1.87e-06	4
75	5.68	BB	22	AR1260-D	2.35e-05	5.88e-06	4
						1.08e-05	

JUL 4 2008

BAD

Sample Name : ICM3PL
File Name : H:\TURBO6\6890-077b63133.raw
Date : 07/04/2008 10:40:13
Method : 6890-7pcbins
Time of Injection : 07/03/2008 16:18:58
Start Time : 0.00 min
End Time : 8.50 min
Low Point : -12.12 mV
High Point : 987.88 mV
Plot Offset : -12.12 mV
Plot Scale : 1000.0 mV



```

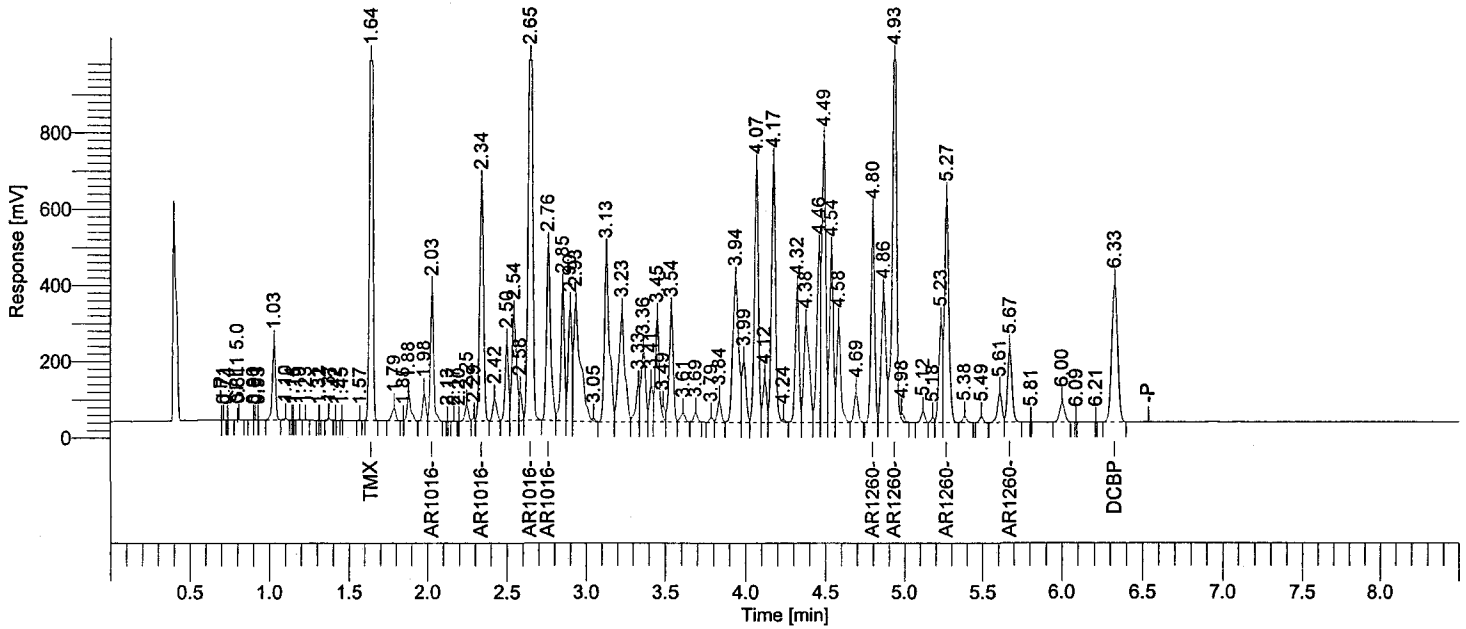
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 200785
Operator : tchrom
Sample Number : 0.5NG
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/03/2008 17:50:13

Date : 07/04/2008 10:41:11
Sample Name : ICM66VL
Study : CCV
Rack/Vial : 1/38
Channel : B
A/D mV Range : 1000
End Time : 12.95 min

Area Reject : 8000.000000
Dilution Factor : 1.00
Cycle : 25
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b63138.raw <Modified>
Result File : H:\TURBO6\6890-07\7b63138.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63138.raw
Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63138.rst
Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b63138.rst
Report Format File: h:\turbo6\6890-07\7pcb%d.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative - RT Window
1.64	BB	1973781	TMX	0.03334	5.9200e+07	3.9476e+06	11.1	1.57 - 1.71
2.65		4686297	AR1016	0.49644	9.4399e+06	9.3726e+06	-0.7	2.58 - 2.72
4.93		4496519	AR1260	0.42092	1.0683e+07	8.9930e+06	-15.8	4.86 - 5.00
6.33	BB	908993	DCBP	0.02638	3.4456e+07	1.8180e+06	-12.1	6.26 - 6.40
		12065590		0.97708		2.4131e+07		

JUL 4 2008
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07/04/2008 10:41:11 Result: H:\TURBO6\6890-07\7b63138.rst

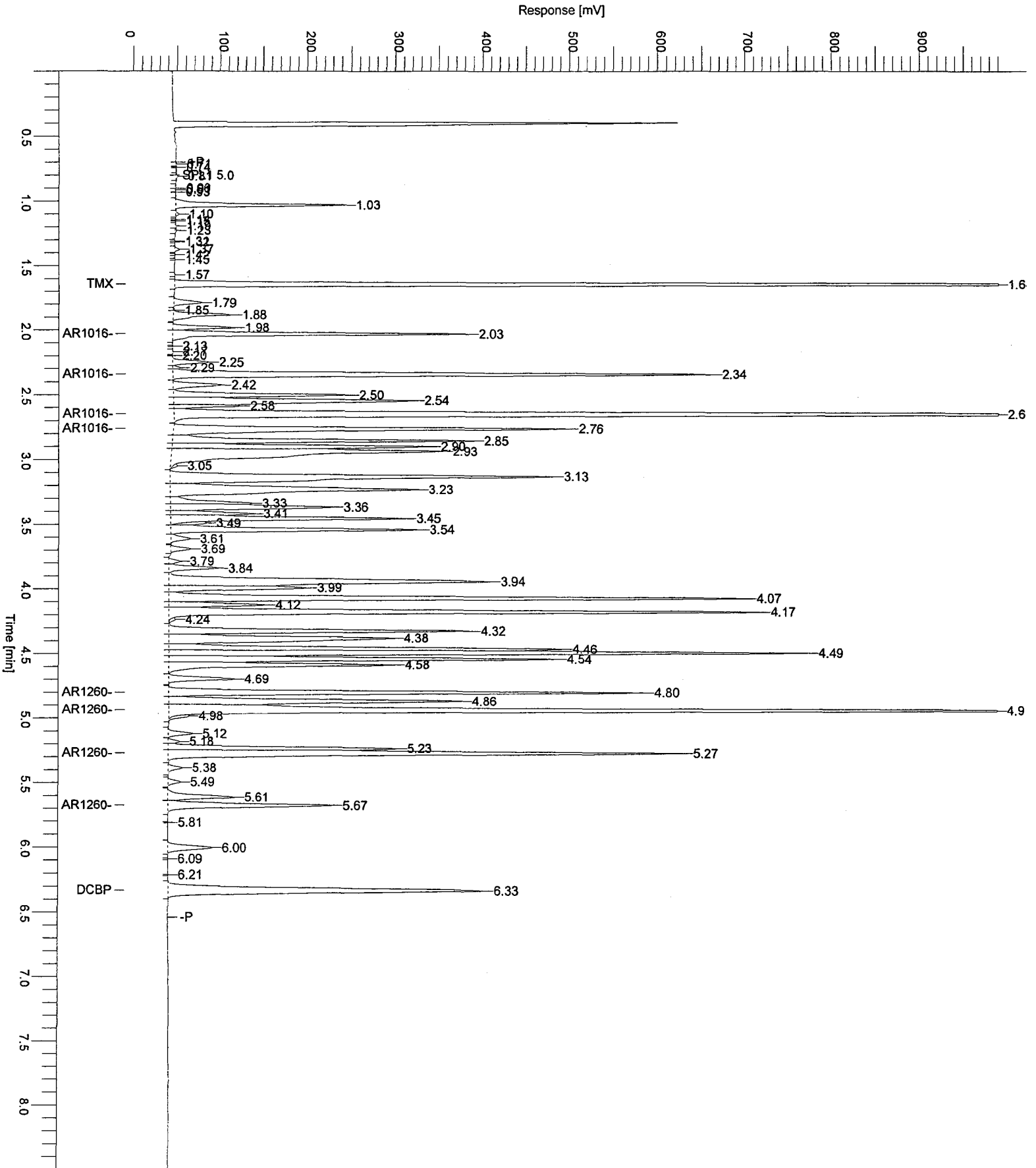
Group Report For : AR1016

Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
2.03	VB	490145	AR1016-A	0.51202	9.5727e+05	9.8029e+05	2.4	1.96	-	2.10
2.34	VV	1070174	AR1016-B	0.49082	2.1804e+06	2.1403e+06	-1.8	2.27	-	2.41
2.65	VB	2286581	AR1016-C	0.49682	4.6025e+06	4.5732e+06	-0.6	2.58	-	2.72
2.76	BV	839397	AR1016-D	0.49384	1.6997e+06	1.6788e+06	-1.2	2.69	-	2.83
				4686297	1.99350	9.3726e+06				

Group Report For : AR1260

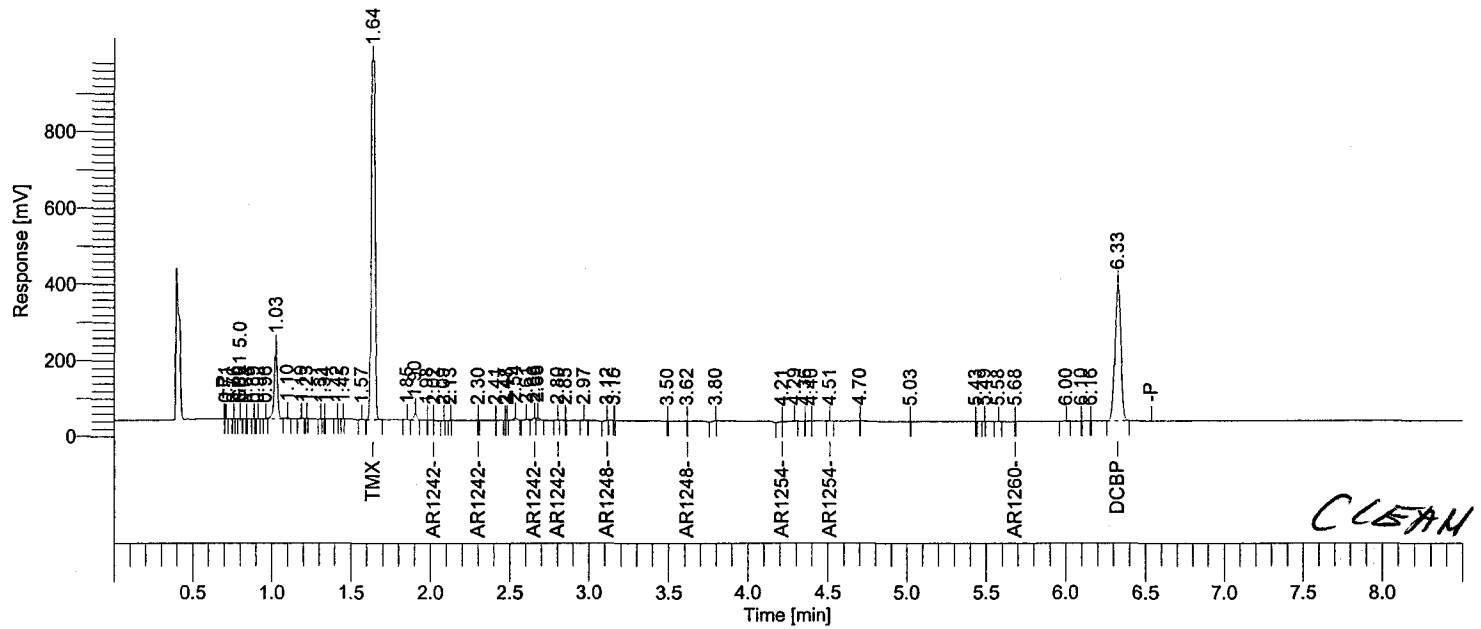
Ret Time [min]	BL	Area [uV-sec]	Component Name	CONCENTRATION NG	Initial Cal Factor	Continuing Cal Factor	%D	Relative	-	RT Window
4.80	BV	895594	AR1260-A	0.43270	2.0698e+06	1.7912e+06	-13.5	4.73	-	4.87
4.93	VE	2066827	AR1260-B	0.43616	4.7387e+06	4.1337e+06	-12.8	4.86	-	5.00
5.27	VV	1161094	AR1260-C	0.39740	2.9217e+06	2.3222e+06	-20.5	5.20	-	5.34
5.67	VB	373004	AR1260-D	0.39164	9.5243e+05	7.4601e+05	-21.7	5.60	-	5.74
				4496519	1.65790	8.9930e+06				

Sample Name : ICM66VL Sample #: 0.5NG Page 1 of 1
File Name : H:\TURBO6\6890-07\7b63138.raw
Date : 07/04/2008 10:41:13 Time of Injection: 07/03/2008 17:50:13
Method : 6890-7pcbins
Start Time : 0.00 min End Time : 8.50 min Low Point : -9.38 mV High Point : 990.62 mV
Plot Offset : -9.38 mV Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:41:20
 Reprocess Number : buf2042: 200787
 Operator : tchrom Sample Name : ICM3PL
 Sample Number : 0.03NG Study : IBLK
 AutoSampler : BUILT-IN Rack/Vial : 1/39
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.95 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 18:08:22 Cycle : 26

Raw Data File : H:\TURBO6\6890-07\7b63139.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63139.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63139.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63139.rst
 Calib Method : h:\turbo6\6890-07\7b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63139.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	1.64	BB	1968692	TMX	0.03325	-----	0
	2.66		9412	AR1242	0.00128	3.20e-04	4
54	6.33	BB	897384	DCBP	0.02604	-----	0
			2875487			3.20e-04	

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07/04/2008 10:41:20 Result: H:\TURBO6\6890-07\7b63139.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
21	2.02	BB	18	AR1242-A	2.28e-05	5.69e-06	4
24	2.30	BB	17	AR1242-B	1.00e-05	2.51e-06	4
30	2.66	VV	8713	AR1242-C	0.00246	6.15e-04	4
32	2.80	BB	664	AR1242-D	5.09e-04	1.27e-04	4
			9412			7.50e-04	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
35	3.12	BB	1540	AR1248-A	8.50e-04	2.12e-04	4
-	3.23		0	AR1248-B	0.00000	-----	-
-	3.37		0	AR1248-C	0.00000	-----	-
38	3.62	BB	13	AR1248-D	6.19e-06	1.55e-06	4
			1553			2.14e-04	

Group Report For : AR1254

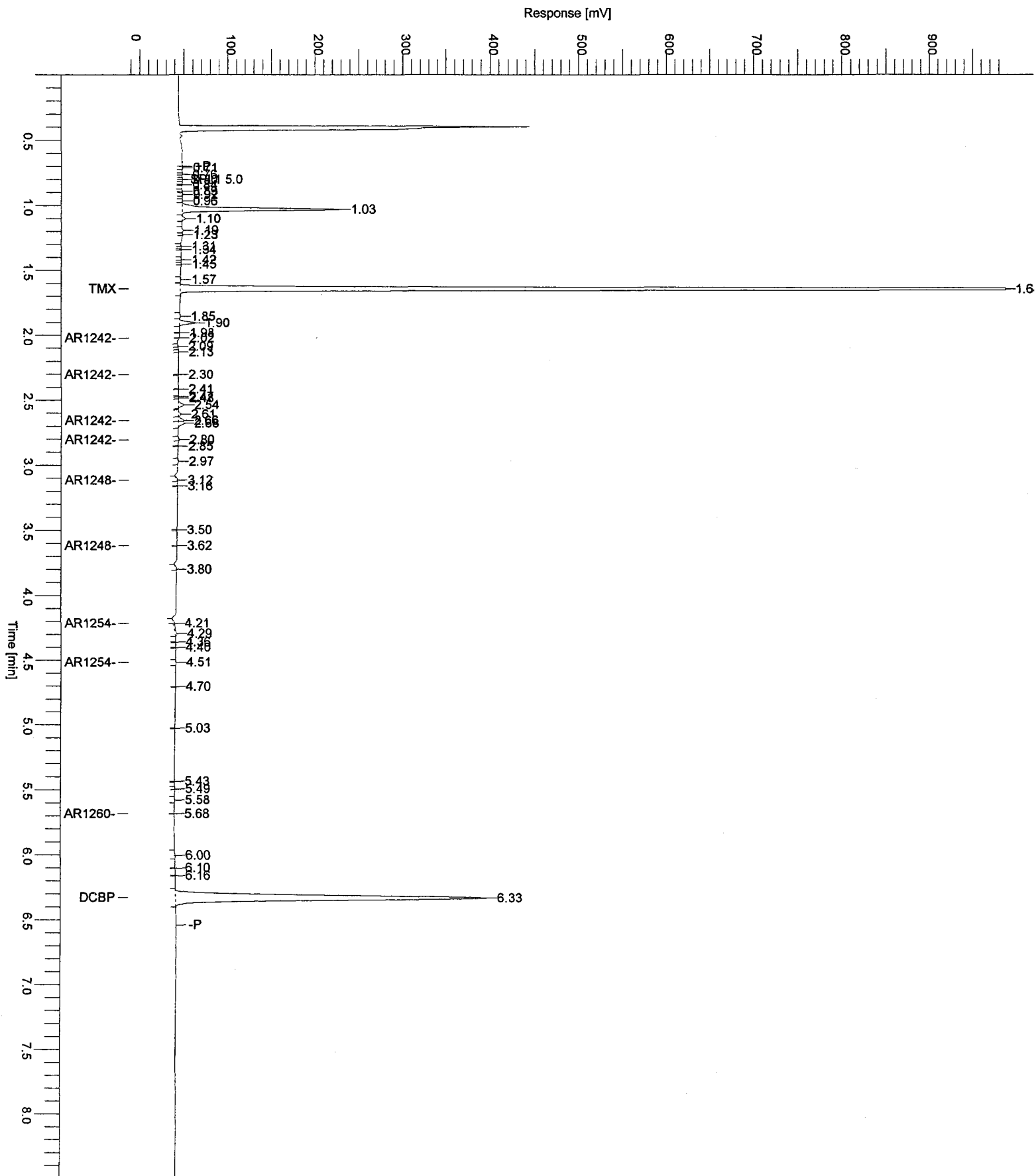
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.92		0	AR1254-A	0.00000	-----	-
-	4.06		0	AR1254-B	0.00000	-----	-
40	4.21	BV	2379	AR1254-C	0.00212	5.30e-04	4
44	4.51	BB	1011	AR1254-D	3.49e-04	8.73e-05	4
			3389			6.17e-04	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.80		0	AR1260-A	0.00000	-----	-
-	4.94		0	AR1260-B	0.00000	-----	-
-	5.27		0	AR1260-C	0.00000	-----	-
50	5.68	BB	14	AR1260-D	1.45e-05	3.62e-06	4
			14			3.62e-06	

870

Sample Name : ICM3PL Sample #: 0.03NG Page 1 of 1
FileName : H:\TURBO6\6890-07\7b63139.raw
Date : 07/04/2008 10:41:22 Time of Injection: 07/03/2008 18:08:22
Method : 6890-7pcbins
Start Time : 0.00 min End Time : 8.50 min Low Point : -12.53 mV High Point : 987.47 mV
Plot Offset: -12.53 mV Plot Scale: 1000.0 mV



Raw QC Data

LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1804603Sample wt/vol: 30.64 (g/mL) G Lab File ID: 7B63116.TX0% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	16	U
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	16	U
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	16	U

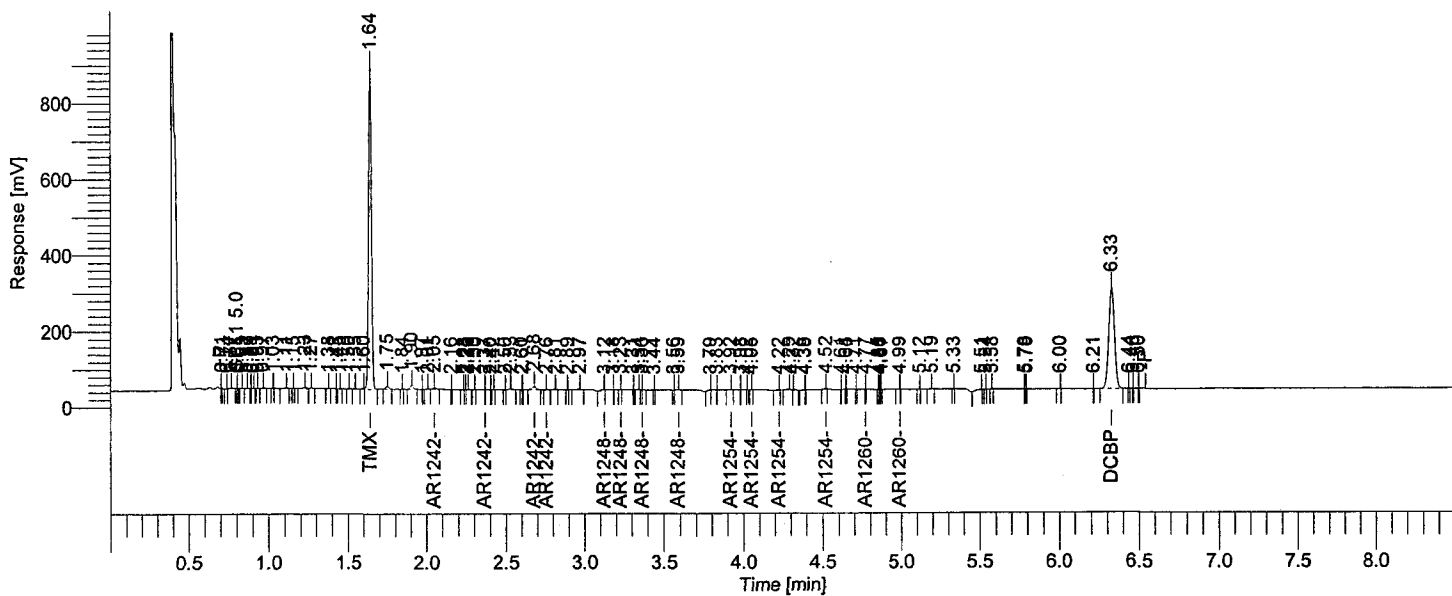
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Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200741
Operator          : tchrom
Sample Number     : A8B1804603
AutoSampler       : BUILT-IN
Instrument Name    : HP6890-07
Instrument Serial # : CN10448015
Delay Time        : 0.00 min
Sampling Rate     : 20.0000 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/03/2008 11:08:51

Date              : 07/04/2008 10:36:17
Sample Name      : AS80007584MBLKCU+
Study            : CTA25903
Rack/Vial        : 1/16
Channel          : B
A/D mV Range     : 1000
End Time         : 12.94 min
Area Reject      : 5000.000000
Dilution Factor  : 1.00
Cycle            : 3
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b63116.raw <Modified>
Result File   : H:\TURBO6\6890-07\7b63116.rst
Inst Method   : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63116.raw
Proc Method   : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63116.rst
Calib Method  : h:\turbo6\6890-07\07b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63116.rst
Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
22	1.64	VB	1064814	TMX	0.01799	-----	0
	2.68		19337	AR1242	0.00263	6.58e-04	4
87	6.33	BB	670452	DCBP	0.01946	-----	0
			1754603			6.58e-04	

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(86)

07/04/2008 10:36:17 Result: H:\TURBO6\6890-07\7b63116.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
28	2.05	VB	4568	AR1242-A	0.00573	0.00143	4
34	2.37	BB	14	AR1242-B	8.43e-06	2.11e-06	4
41	2.68	BB	14035	AR1242-C	0.00396	9.90e-04	4
42	2.76	BB	720	AR1242-D	5.52e-04	1.38e-04	4
						19337	0.00256

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
46	3.12	BB	2653	AR1248-A	0.00146	3.66e-04	4
48	3.23	BB	75	AR1248-B	4.07e-05	1.02e-05	4
51	3.36	BB	189	AR1248-C	8.50e-05	2.13e-05	4
54	3.59	VB	1215	AR1248-D	5.87e-04	1.47e-04	4
						4133	5.44e-04

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
57	3.92	BB	783	AR1254-A	2.20e-04	5.50e-05	4
60	4.05	BB	149	AR1254-B	4.21e-05	1.05e-05	4
61	4.22	BB	343	AR1254-C	3.05e-04	7.63e-05	4
66	4.52	BB	675	AR1254-D	2.33e-04	5.83e-05	4
						1950	2.00e-04

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
71	4.77	BB	30	AR1260-A	1.45e-05	3.63e-06	4
76	4.99	BB	167	AR1260-B	3.53e-05	8.83e-06	4
-	5.27		0	AR1260-C	0.00000	-----	-
-	5.68		0	AR1260-D	0.00000	-----	-
						197	1.25e-05

7/4/08
BTD

Sample Name : AS80007584MBLKCU+
FileName : H:\TURBO6\6890-07\7b63116.raw

Sample #: A8B1804603

Page 1 of 1

Date : 07/04/2008 10:36:19

Method : 6890-7pcbins

Time of Injection: 07/03/2008 11:08:51

Start Time : 0.00 min

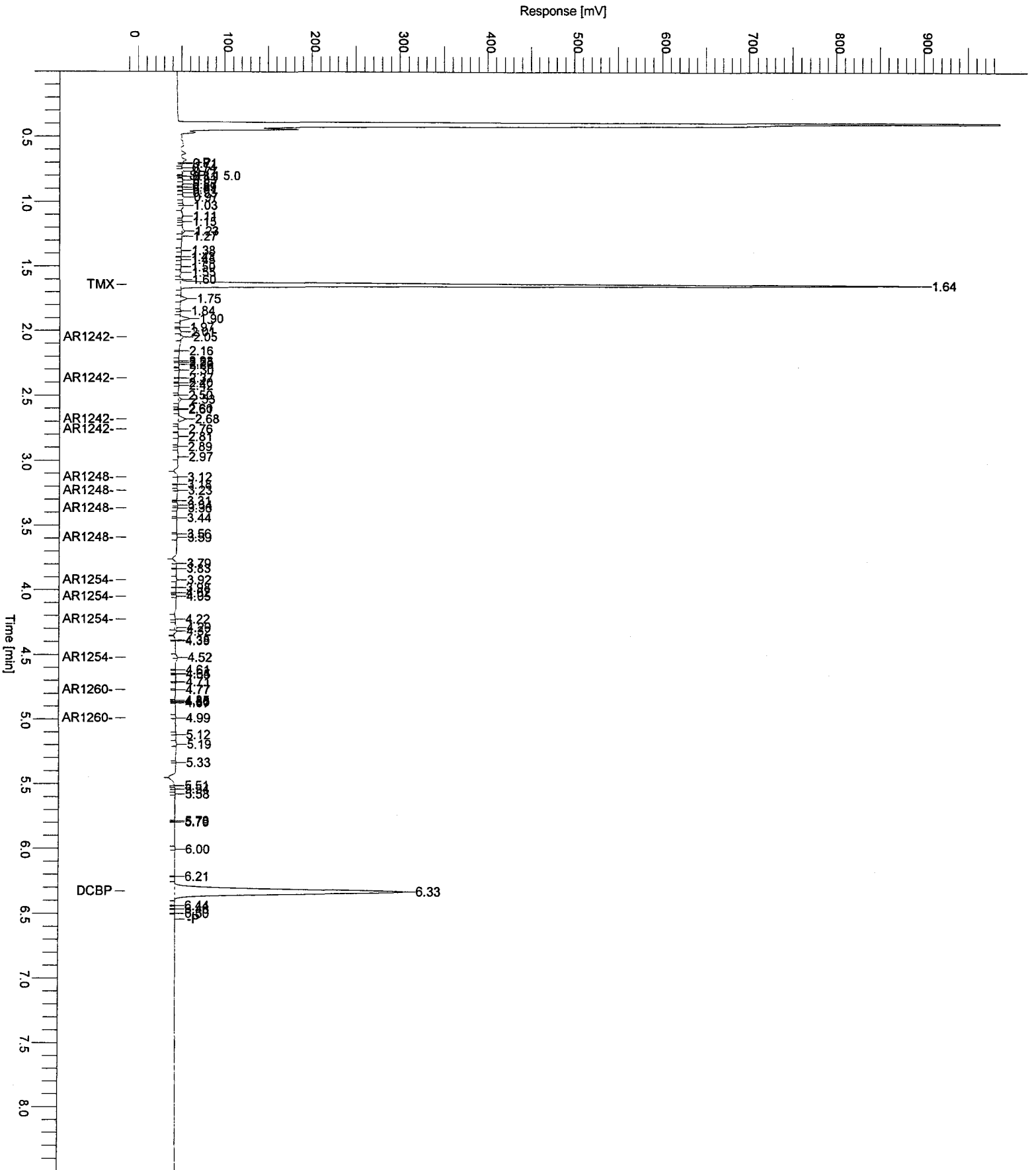
End Time : 8.50 min

Low Point : -13.41 mV

High Point : 986.59 mV

Plot Offset: -13.41 mV

Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2042: 200740
 Operator : tchrom
 Sample Number : A8B1804603
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 07/03/2008 11:08:51

Date : 07/04/2008 10:36:09
 Sample Name : AS80007584MBLKCU+
 Study : CTA25903
 Rack/Vial : 1/16
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 3

Raw Data File : H:\TURBO6\6890-07\7a63116.raw <Modified>

Result File : H:\TURBO6\6890-07\7a63116.rst

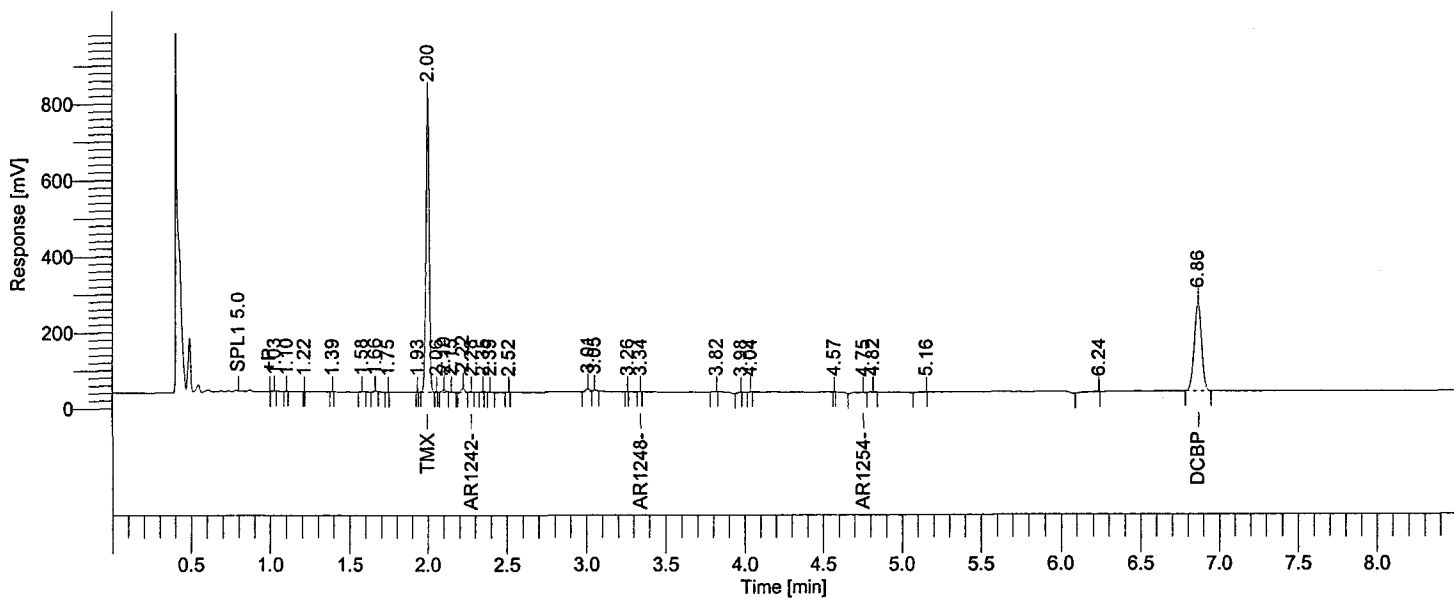
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63116.raw

Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63116.rst

Calib Method : h:\turbo6\6890-07\7a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63116.rst

Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt

Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
9	2.00	BB	1117122	TMX	0.02117	-----	0
	4.75		12446	AR1254	0.00121	3.03e-04	4
30	6.86	BB	760706	DCBP	0.02107	-----	0
			1890274			3.03e-04	

7/4/08
 O/D

07/04/2008 10:36:09 Result: H:\TURBO6\6890-07\7a63116.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
14	2.28	BB	1491	AR1242-A	0.00211	5.28e-04	4
-	2.57		0	AR1242-B	0.00000	-----	-
-	2.72		0	AR1242-C	0.00000	-----	-
-	2.92		0	AR1242-D	0.00000	-----	-
			1491			5.28e-04	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
21	3.34	BB	626	AR1248-A	3.29e-04	8.22e-05	4
-	3.45		0	AR1248-B	0.00000	-----	-
-	3.52		0	AR1248-C	0.00000	-----	-
-	3.69		0	AR1248-D	0.00000	-----	-
			626			8.22e-05	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.87		0	AR1254-A	0.00000	-----	-
-	4.16		0	AR1254-B	0.00000	-----	-
-	4.36		0	AR1254-C	0.00000	-----	-
26	4.75	BV	12446	AR1254-D	0.00512	0.00128	4
			12446			0.00128	

7/4/08
(88)

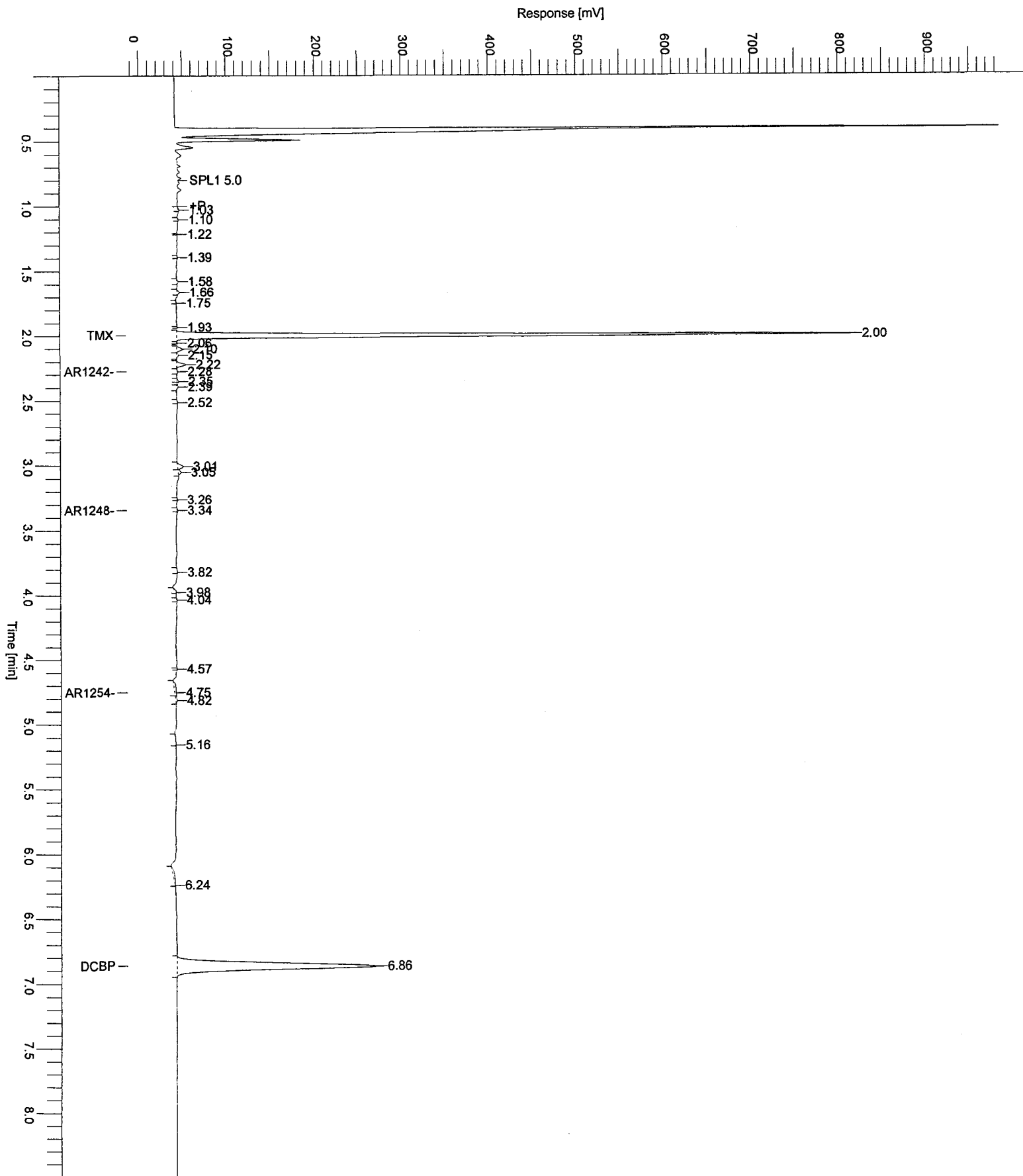
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	5.28		0	AR1260-A	0.00000	-----	-
-	5.52		0	AR1260-B	0.00000	-----	-
-	5.63		0	AR1260-C	0.00000	-----	-
-	6.08		0	AR1260-D	0.00000	-----	-
			0			0.00000	

Sample Name : AS80007584MBLKCU+
FileName : H:\TURBO6\6890-077a63116.raw
Date : 07/04/2008 10:36:11
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -14.94 mV

Sample #: A8B1804603 Page 1 of 1

Time of Injection: 07/03/2008 11:08:51
End Time : 8.50 min Low Point : -14.94 mV High Point : 985.06 mV
Plot Scale: 1000.0 mV



LABELLA ASSOCIATES
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 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807803Sample wt/vol: 30.30 (g/mL) G Lab File ID: 7B63105.TX0% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	16	U
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	16	U
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	16	U

```

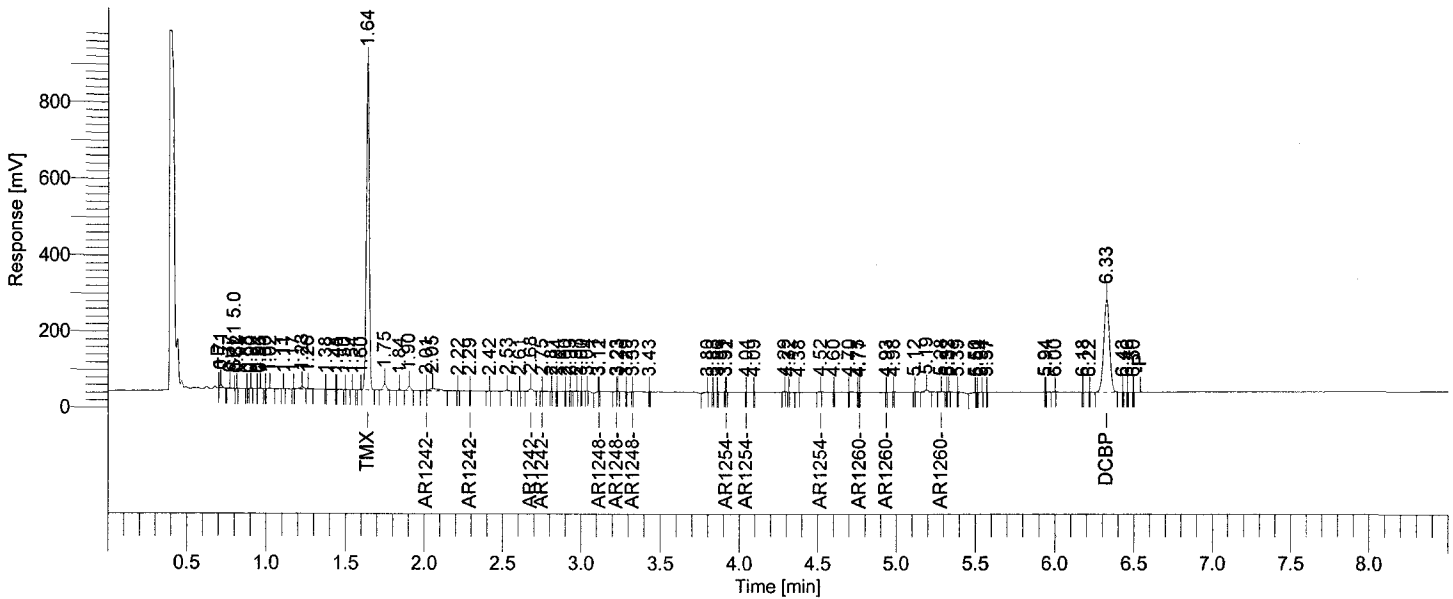
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 200399
Operator : tchrom
Sample Number : A8B1807803
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/02/2008 12:25:12

Date : 07/02/2008 14:08:41
Sample Name : AS80007656MBLKCU+
Study : STA00489
Rack/Vial : 1/5
Channel : B
A/D mV Range : 1000
End Time : 12.94 min

Area Reject : 5000.000000
Dilution Factor : 1.00
Cycle : 3
    
```

```

Raw Data File : H:\TURBO6\6890-07\7b63105.raw <Modified>
Result File : H:\TURBO6\6890-07\7b63105.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63105.raw
Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63105.rst
Calib Method : h:\turbo6\6890-07\07b-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7b63105.rst
Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
20	1.64	VB	1081611	TMX	0.01827	-----	0
	2.68		12330	AR1242	0.00168	4.19e-04	4
79	6.33	BB	623922	DCBP	0.01811	-----	0
			1717864			4.19e-04	

Handwritten signature and date: [Signature] 1/16/08

07/02/2008 14:08:41 Result: H:\TURBO6\6890-07\7b63105.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
24	2.01	BV	1792	AR1242-A	0.00225	5.62e-04	4
27	2.29	BB	10	AR1242-B	5.81e-06	1.45e-06	4
31	2.68	BB	10484	AR1242-C	0.00296	7.40e-04	4
32	2.75	BB	44	AR1242-D	3.36e-05	8.39e-06	4
						12330	0.00131

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
41	3.12	VB	192	AR1248-A	1.06e-04	2.64e-05	4
42	3.23	BV	222	AR1248-B	1.20e-04	3.01e-05	4
45	3.33	BB	17	AR1248-C	7.77e-06	1.94e-06	4
-	3.61		0	AR1248-D	0.00000	-----	-
						431	5.85e-05

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
51	3.92	VB	64	AR1254-A	1.79e-05	4.47e-06	4
52	4.04	BB	14	AR1254-B	4.10e-06	1.03e-06	4
-	4.18		0	AR1254-C	0.00000	-----	-
57	4.52	BB	410	AR1254-D	1.42e-04	3.55e-05	4
						489	4.10e-05

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
61	4.77	BB	23	AR1260-A	1.10e-05	2.76e-06	4
62	4.93	BB	30	AR1260-B	6.26e-06	1.57e-06	4
66	5.28	BB	1818	AR1260-C	6.22e-04	1.56e-04	4
-	5.68		0	AR1260-D	0.00000	-----	-
						1871	1.60e-04

Sample Name : AS80007656MBLKCU+
FileName : H:\TURBO6\6890-07\7b63105.raw

Sample #: A8B1807803

Page 1 of 1

Date : 07/02/2008 14:08:43

Method : 6890-7pcbins

Time of Injection: 07/02/2008 12:25:12

Start Time : 0.00 min

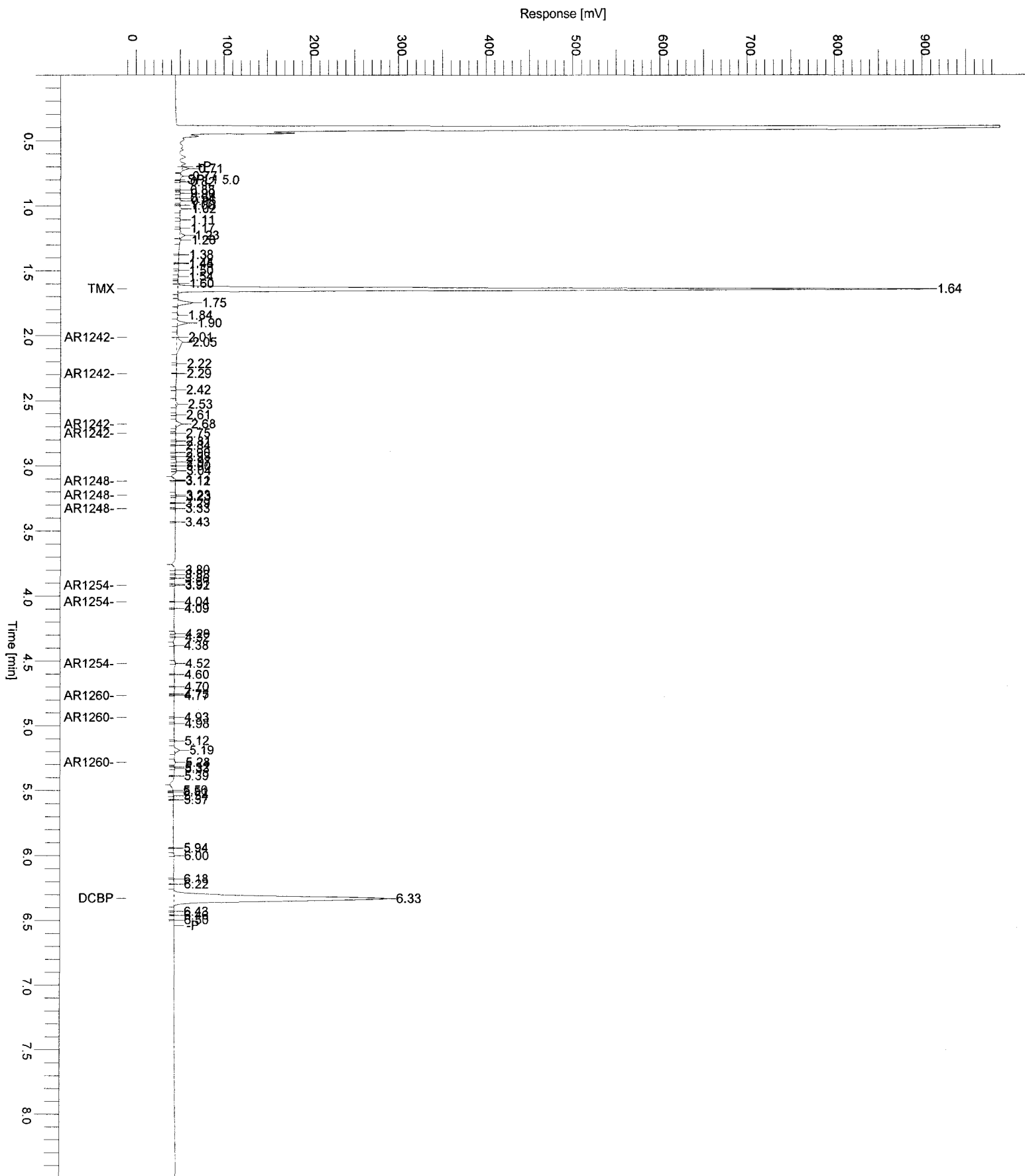
End Time : 8.50 min

Low Point : -10.97 mV

High Point : 989.03 mV

Plot Offset: -10.97 mV

Plot Scale: 1000.0 mV



```

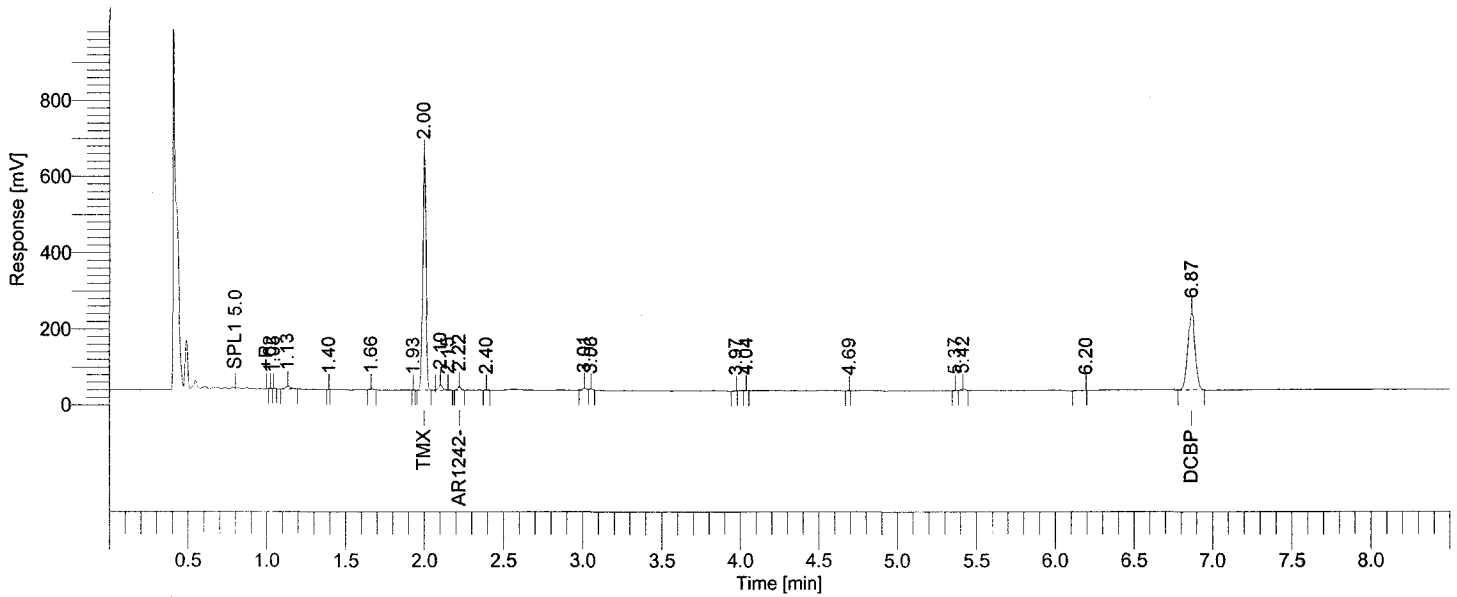
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 200398
Operator : tchrom
Sample Number : A8B1807803
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/02/2008 12:25:12

Date : 07/02/2008 14:08:37
Sample Name : AS80007656MBLKCU+
Study : STA00489
Rack/Vial : 1/5
Channel : A
A/D mV Range : 1000
End Time : 12.94 min

Area Reject : 5000.000000
Dilution Factor : 1.00
Cycle : 3
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a63105.raw <Modified>
Result File : H:\TURBO6\6890-07\7a63105.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63105.raw
Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63105.rst
Calib Method : h:\turbo6\6890-07\7a-4pcb(06-23-08).mth from H:\TURBO6\6890-07\7a63105.rst
Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	2.00	BV	910840	TMX	0.01726	-----	0
	2.22		12757	AR1242	0.00210	5.25e-04	4
20	6.87	BB	659310	DCBP	0.01826	-----	0
			1582907			5.25e-04	

Handwritten signature and date: MW 7/16/08

07/02/2008 14:08:37 Result: H:\TURBO6\6890-07\7a63105.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.22	BB	12757	AR1242-A	0.01806	0.00451	4
-	2.57		0	AR1242-B	0.00000	-----	-
-	2.72		0	AR1242-C	0.00000	-----	-
-	2.92		0	AR1242-D	0.00000	-----	-
			12757			0.00451	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.35		0	AR1248-A	0.00000	-----	-
-	3.45		0	AR1248-B	0.00000	-----	-
-	3.52		0	AR1248-C	0.00000	-----	-
-	3.69		0	AR1248-D	0.00000	-----	-
			0			0.00000	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	3.87		0	AR1254-A	0.00000	-----	-
-	4.16		0	AR1254-B	0.00000	-----	-
-	4.36		0	AR1254-C	0.00000	-----	-
-	4.76		0	AR1254-D	0.00000	-----	-
			0			0.00000	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	5.28		0	AR1260-A	0.00000	-----	-
-	5.52		0	AR1260-B	0.00000	-----	-
-	5.63		0	AR1260-C	0.00000	-----	-
-	6.08		0	AR1260-D	0.00000	-----	-
			0			0.00000	

Chromatogram

2791/4151

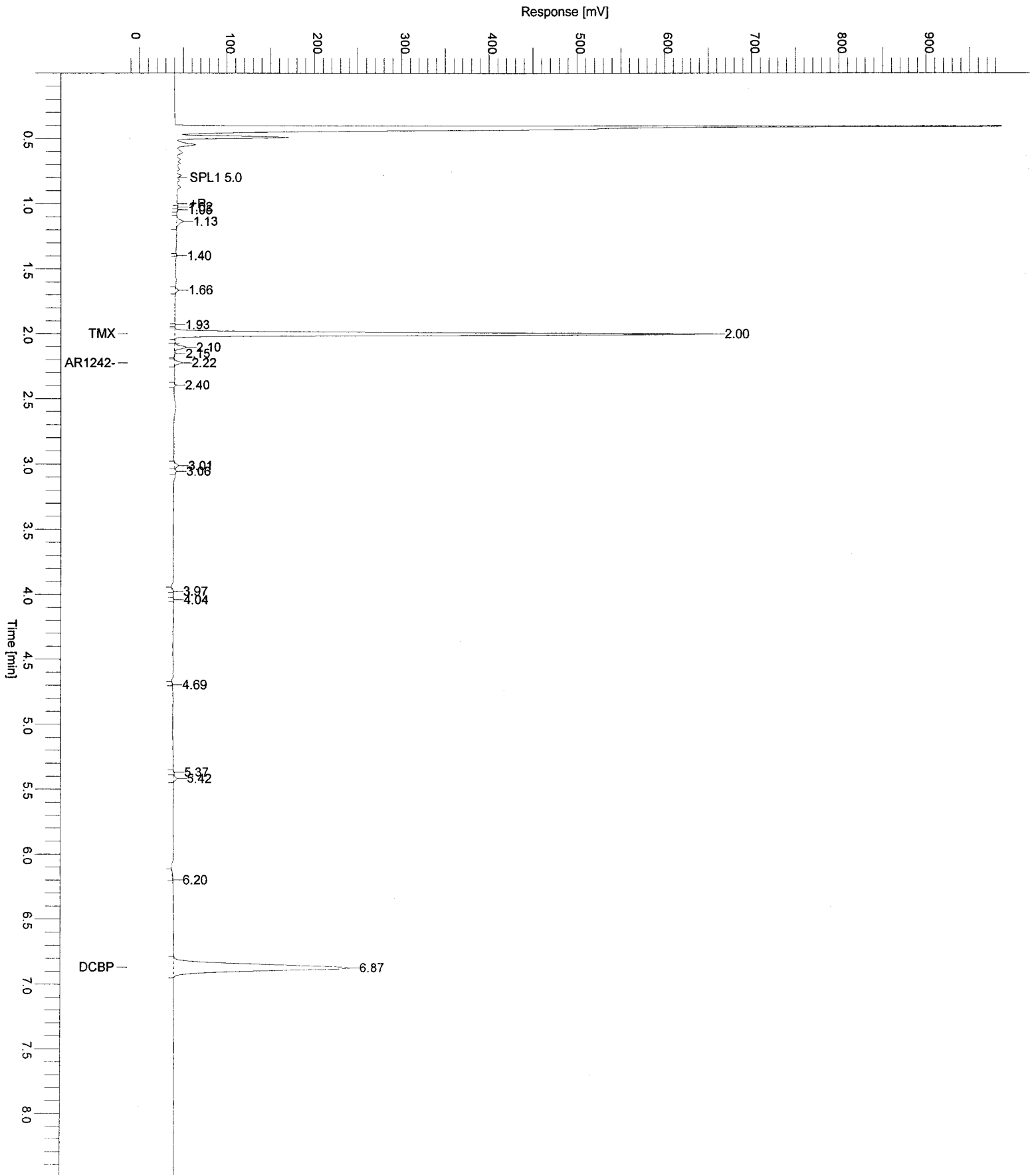
Sample Name : AS80007656MBLKCU+
FileName : H:\TURBO6\6890-07\7a63105.raw
Date : 07/02/2008 14:08:39
Method : 6890-7pcbins

Sample # : A8B1807803

Page 1 of 1

Time of Injection: 07/02/2008 12:25:12

Start Time : 0.00 min End Time : 8.50 min Low Point : -13.67 mV High Point : 986.33 mV
Plot Offset: -13.67 mV Plot Scale: 1000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833802

Sample wt/vol: 30.83 (g/mL) G Lab File ID: 12A36017.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	16	U
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	3.9	J
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	16	U


```

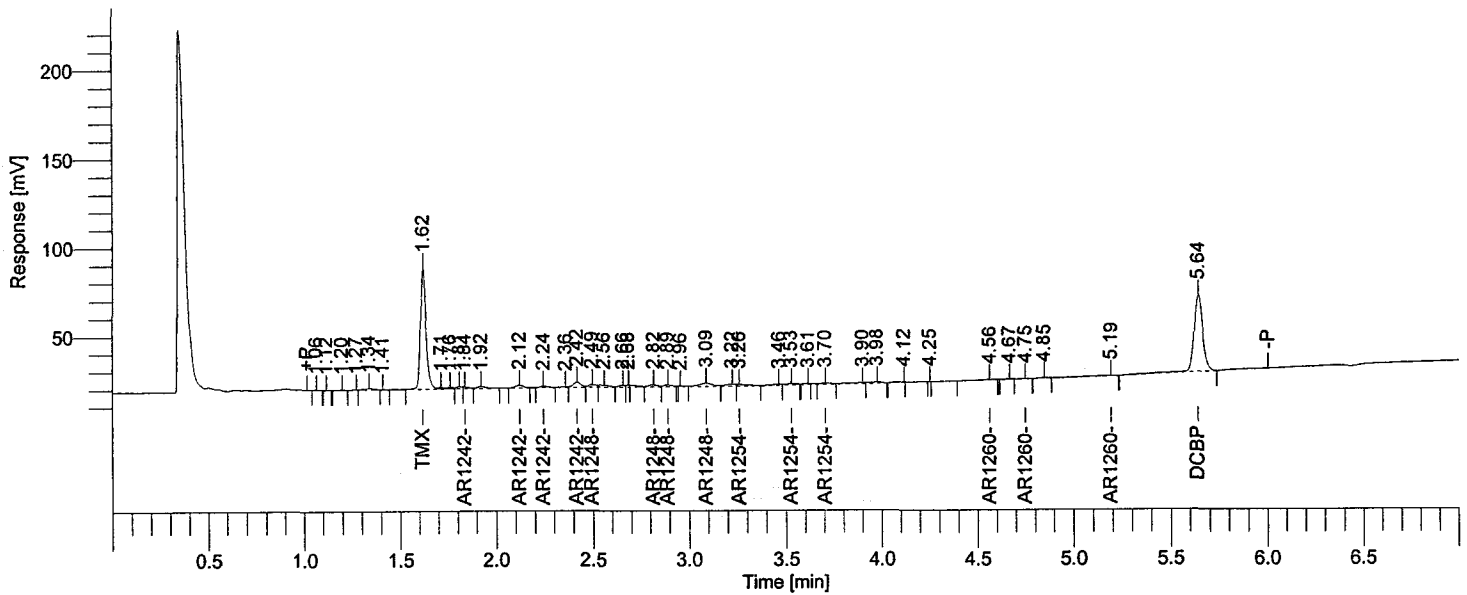
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 201342
Operator : tchrom
Sample Number : A8B1833802
AutoSampler : NONE
Instrument Name : HP5890-12
Interface Serial # : 4118271166
Delay Time : 0.00 min
Sampling Rate : 25.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/08/2008 11:11:09

Date : 07/09/2008 07:28:04
Sample Name : AS80007784MBLKCU+
Study : CTA25903
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min

Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 2
    
```

```

Raw Data File : H:\TURBO6\5890-12\12a36017.raw <Modified>
Result File : H:\TURBO6\5890-12\12a36017.rst
Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36017.raw
Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36017.rst
Calib Method : h:\turbo6\5890-12\12a-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12a36017.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	1.62	VE	135708	TMX	0.01638	-----	0
	2.42		17723	AR1242	0.01263	0.00316	4
	3.09		22164	AR1248	0.01229	0.00307	4
	3.26		11363	AR1254	0.00419	0.00105	4
	4.56		4973	AR1260	0.00252	6.30e-04	4
40	5.64	BB	135784	DCBP	0.01933	-----	0
			327715			0.00791	

7/5/08

07/09/2008 07:28:04 Result: H:\TURBO6\5890-12\12a36017.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	1.84	VV	1994	AR1242-A	0.00956	0.00239	4
13	2.12	VV	4758	AR1242-B	0.01221	0.00305	4
14	2.24	VV	2676	AR1242-C	0.01254	0.00343	4
16	2.42	VV	8295	AR1242-D	0.01404	0.00351	4
			17723			0.01209	

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
17	2.49	VV	4452	AR1248-A	0.03166	0.00791	4
21	2.82	VV	4567	AR1248-B	0.01132	0.00283	4
22	2.89	VV	3889	AR1248-C	0.01050	0.00262	4
24	3.09	VV	9756	AR1248-D	0.01042	0.00260	4
			22164			0.01597	

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
26	3.26	VB	4317	AR1254-A	0.00528	0.00132	4
28	3.53	VV	3805	AR1254-B	0.00597	0.00149	4
30	3.70	VV	3241	AR1254-C	0.00511	0.00128	4
-	4.06		0	AR1254-D	0.00000	-----	-
			11363			0.00409	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
-	4.19		0	AR1260-A	0.00000	-----	-
35	4.56	BV	1672	AR1260-B	0.00200	5.01e-04	4
37	4.75	VB	712	AR1260-C	0.00200	5.00e-04	4
39	5.19	VB	2588	AR1260-D	0.01232	0.00308	4
			4973			0.00408	

7/9/08
GAD

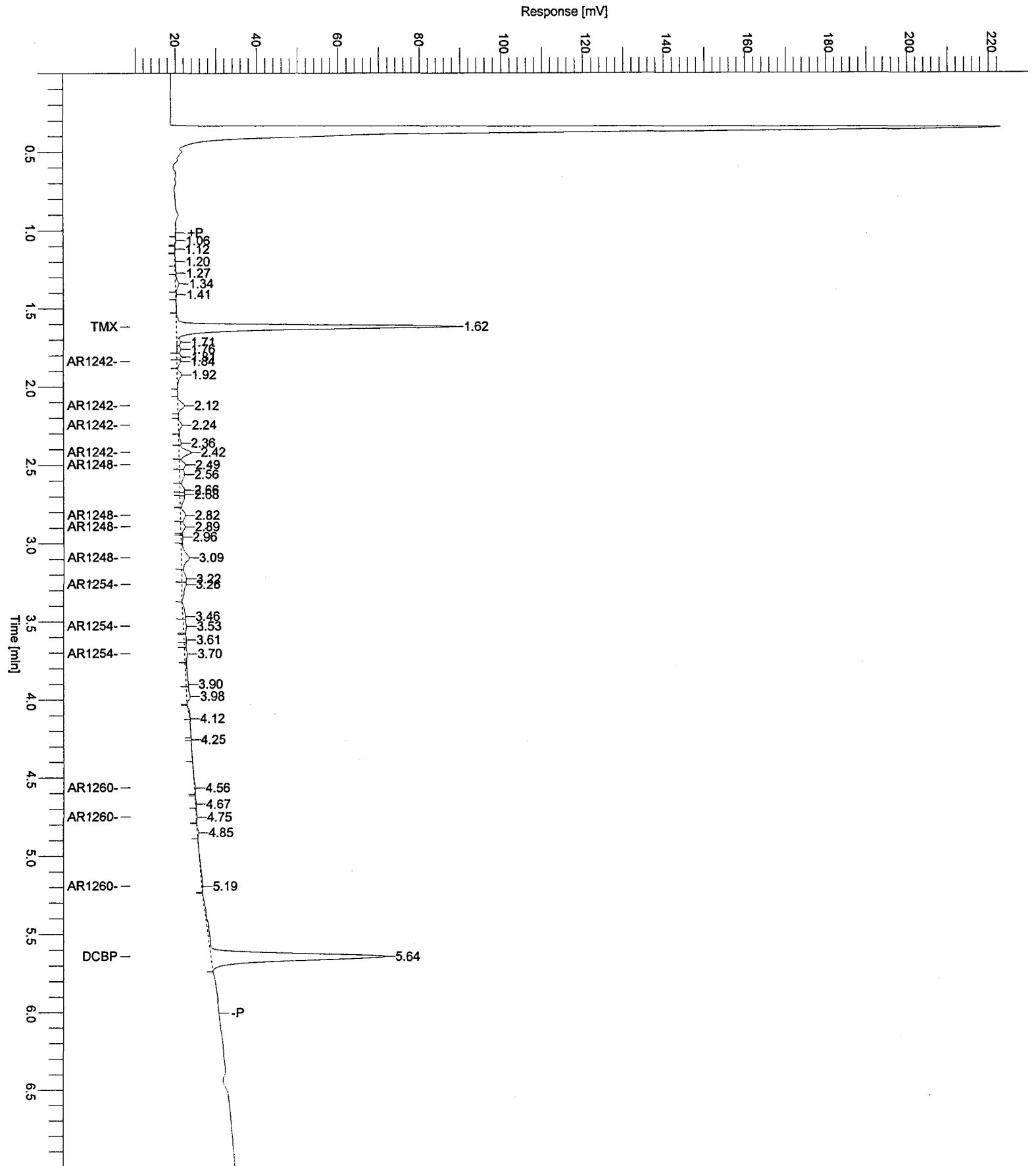
Sample Name : AS80007784MBLKCUC+
FileName : H:\TURBO6\5890-12\12a36017.raw
Date : 07/09/2008 07:28:06
Method : 12DINS

Sample #: A8B1833802

Page 1 of 1

Time of Injection: 07/08/2008 11:11:09

Start Time : 0.00 min End Time : 7.00 min Low Point : 8.51 mV High Point : 222.87 mV
Scale Factor: 1.0 Plot Offset: 8.51 mV Plot Scale: 214.4 mV



```

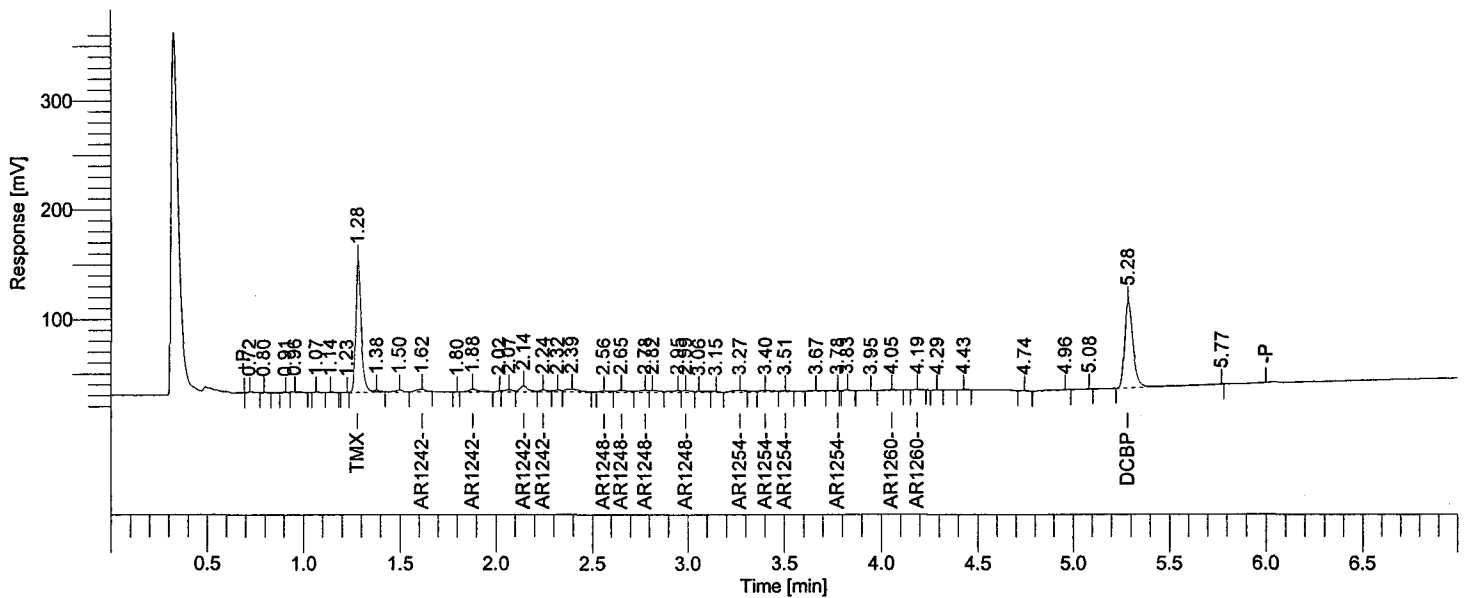
Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 201343
Operator          : tchrom
Sample Number     : A8B1833802
AutoSampler      : NONE
Instrument Name   : HP5890-12
Interface Serial # : 4118271166
Delay Time       : 0.00 min
Sampling Rate    : 25.0000 pts/s
Sample Volume    : 1.000000 uL
Sample Amount    : 1.0000
Data Acquisition Time : 07/08/2008 11:11:09

Date              : 07/09/2008 07:28:12
Sample Name      : AS80007784MBLKCU+
Study           : CTA25903
Rack/Vial       : 0/0
Channel         : B
A/D mV Range    : 1000
End Time        : 7.00 min

Area Reject     : 1000.000000
Dilution Factor : 1.00
Cycle           : 2
    
```

```

Raw Data File : H:\TURBO6\5890-12\12B36017.raw <Modified>
Result File   : H:\TURBO6\5890-12\12B36017.rst
Inst Method  : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36017.raw
Proc Method  : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36017.rst
Calib Method : h:\turbo6\5890-12\12b-4pcb(03-14-08).mth from H:\TURBO6\5890-12\12B36017.rst
Report Format File: h:\turbo6\5890-12\12samp.rpt
Sequence File : H:\TURBO6\5890-12\12D36.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	1.28	VE	241254	TMX	0.01632	-----	0
	2.14		39169	AR1242	0.01435	0.00359	4
	2.78		30697	AR1248	0.01036	0.00259	4
	3.27		21814	AR1254	0.00494	0.00123	4
	4.05		2399	AR1260	6.33e-04	1.58e-04	4
	42	5.28	BE	236223	DCBP	0.01878	-----	0
			571556			0.00757	

7/9/08

07/09/2008 07:28:12 Result: H:\TURBO6\5890-12\12B36017.rst

Group Report For : AR1242

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	1.62	BB	7456	AR1242-A	0.02201	0.00550	4
13	1.88	VV	9802	AR1242-B	0.01310	0.00327	4
16	2.14	VV	16308	AR1242-C	0.01423	0.00356	4
17	2.24	VV	5603	AR1242-D	0.01130	0.00283	4
						0.01516	
			39169				

Group Report For : AR1248

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
20	2.56	VV	6088	AR1248-A	0.00831	0.00208	4
21	2.65	VV	9699	AR1248-B	0.01494	0.00373	4
22	2.78	VV	8367	AR1248-C	0.00922	0.00230	4
25	2.99	VV	6543	AR1248-D	0.00971	0.00243	4
						0.01055	
			30697				

Group Report For : AR1254

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
28	3.27	BV	8218	AR1254-A	0.00571	0.00143	4
29	3.40	VV	7348	AR1254-B	0.00567	0.00142	4
30	3.51	VV	3640	AR1254-C	0.00623	0.00156	4
32	3.78	VV	2607	AR1254-D	0.00237	5.92e-04	4
						0.00500	
			21814				

Group Report For : AR1260

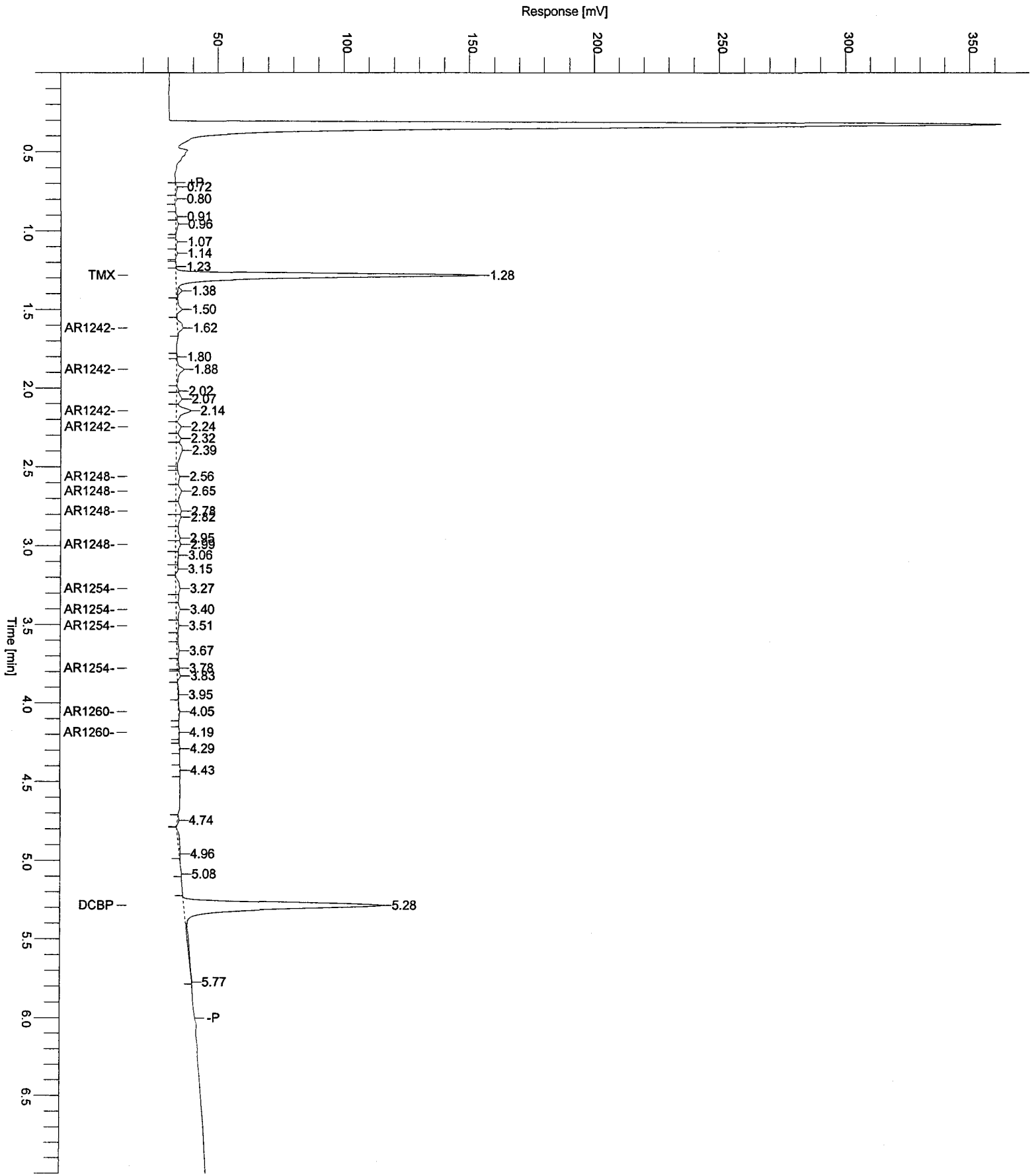
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
35	4.05	VB	1776	AR1260-A	0.00299	7.47e-04	4
36	4.19	BB	623	AR1260-B	4.20e-04	1.05e-04	4
-	4.49		0	AR1260-C	0.00000	-----	-
-	4.85		0	AR1260-D	0.00000	-----	-
						8.52e-04	
			2399				

7/9/08
000

Sample Name : AS80007784MBLKCU+
FileName : H:\TURBO6\5890-12\12B36017.raw
Date : 07/09/2008 07:28:14

Sample #: A8B1833802 Page 1 of 1

Method : 12DINS Time of Injection: 07/08/2008 11:11:09
Start Time : 0.00 min End Time : 7.00 min Low Point : 13.58 mV High Point : 362.57 mV
Scale Factor: 1.0 Plot Offset: 13.58 mV Plot Scale: 349.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1804601

Sample wt/vol: 30.75 (g/mL) G Lab File ID: 7B63114.TX0

% Moisture: 0 decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

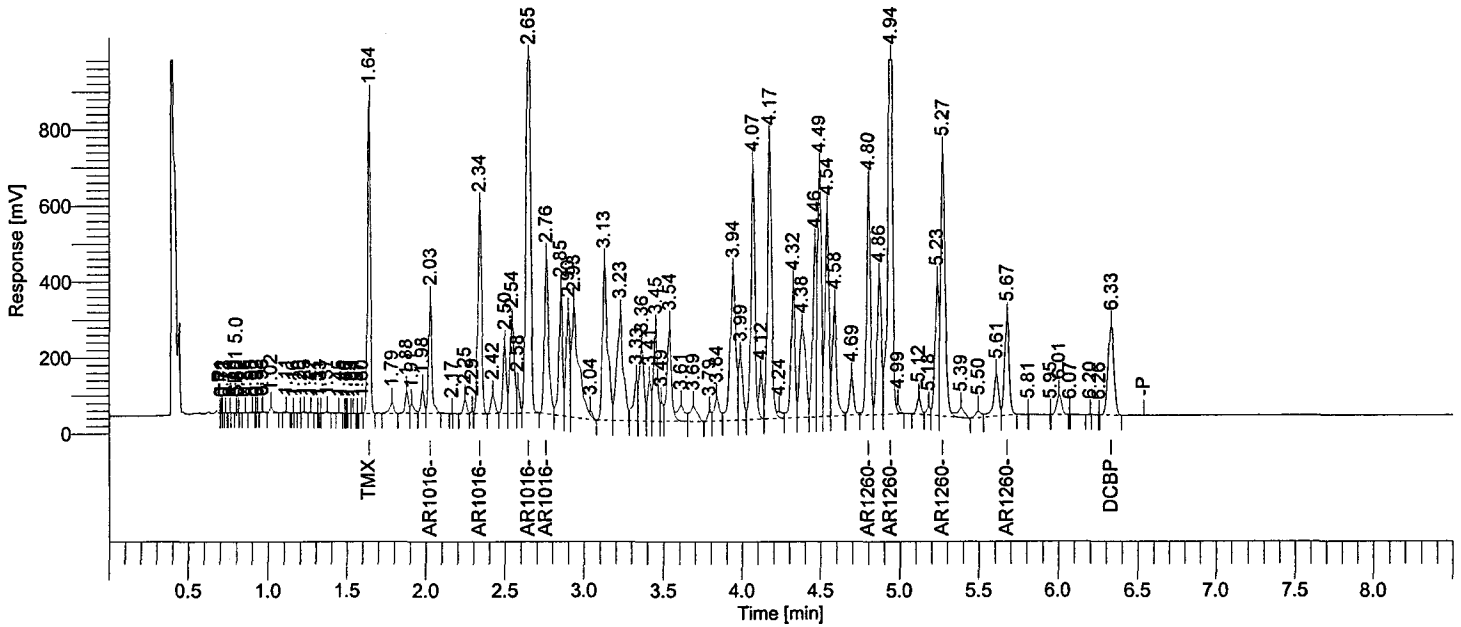
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	140	
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	16	U
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	160	

Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:35:45
 Reprocess Number : buf2042: 200737
 Operator : tchrom Sample Name : AS80007582MSBCU+
 Sample Number : A8B1804601 Study : CTA25903
 AutoSampler : BUILT-IN Rack/Vial : 1/14
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.93 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 10:32:20 Cycle : 1

Raw Data File : H:\TURBO6\6890-07\7b63114.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63114.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63114.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63114.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b63114.rst
 Report Format File: h:\turbo6\6890-07\7pcbamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
29	1.64	VB	1038595	TMX	0.01754	-----	0
	2.65		4147464	AR1016	0.43936	0.10984	4
	4.94		5347871	AR1260	0.50061	0.12515	4
92	6.33	VB	602375	DCBP	0.01748	-----	0
			11136305			0.23499	

Handwritten signature and date: 7/4/08

07/04/2008 10:35:45 Result: H:\TURBO6\6890-07\7b63114.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
34	2.03	VB	436096	AR1016-A	0.45556	0.11389	4
38	2.34	VB	936348	AR1016-B	0.42944	0.10736	4
43	2.65	VB	2015085	AR1016-C	0.43783	0.10946	4
44	2.76	BV	759934	AR1016-D	0.44709	0.11177	4
						4147464	0.44248

Group Report For : AR1260

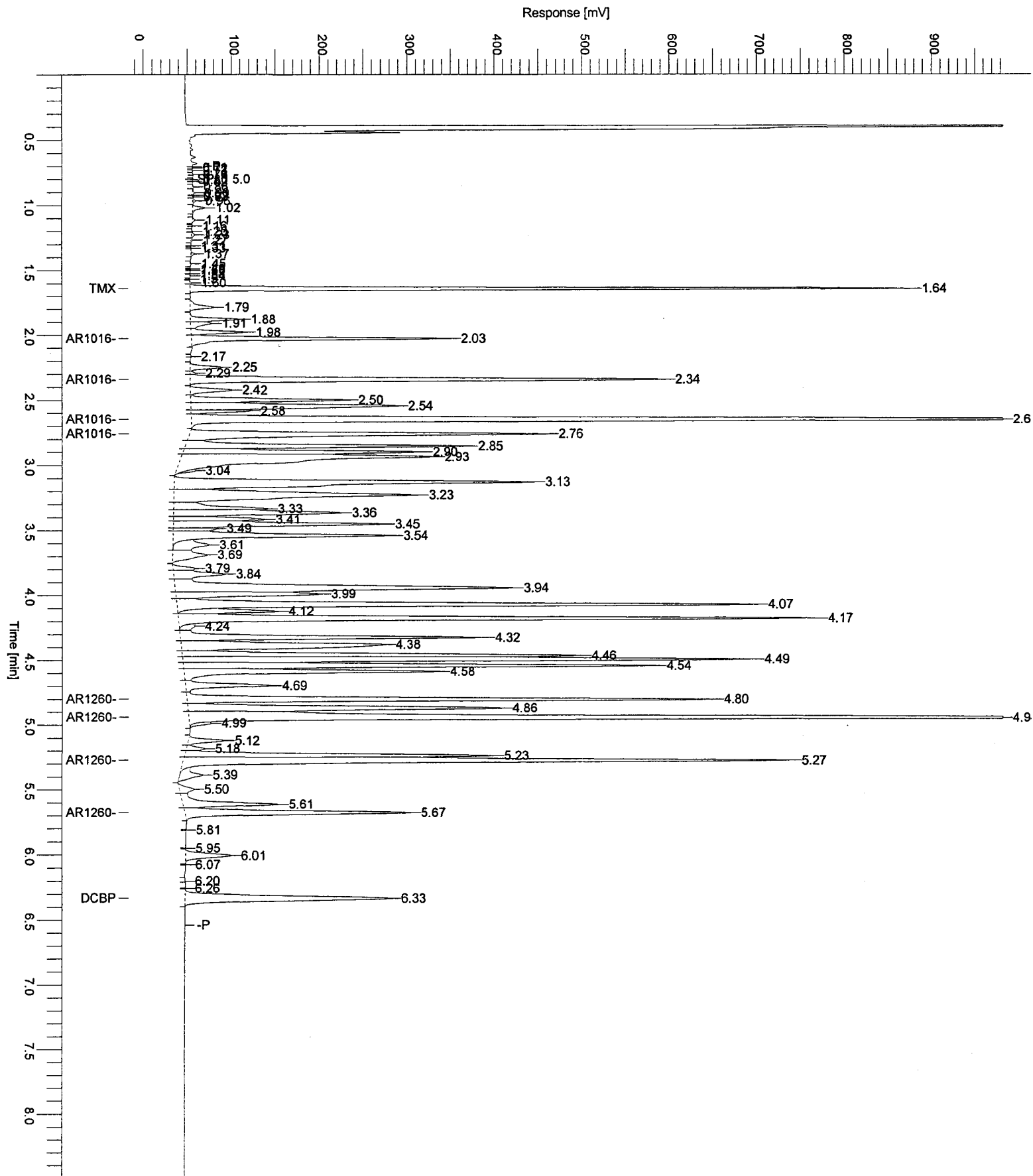
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
74	4.80	VV	1021078	AR1260-A	0.49333	0.12333	4
76	4.94	VE	2403843	AR1260-B	0.50717	0.12679	4
81	5.27	VE	1407180	AR1260-C	0.48163	0.12041	4
85	5.67	VB	516271	AR1260-D	0.54206	0.13551	4
						5347871	0.50605

7/4/08
EAD

Sample Name : AS80007582MSBCU+
FileName : H:\TURBO6\6890-07\7b63114.raw
Date : 07/04/2008 10:35:47
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -17.19 mV

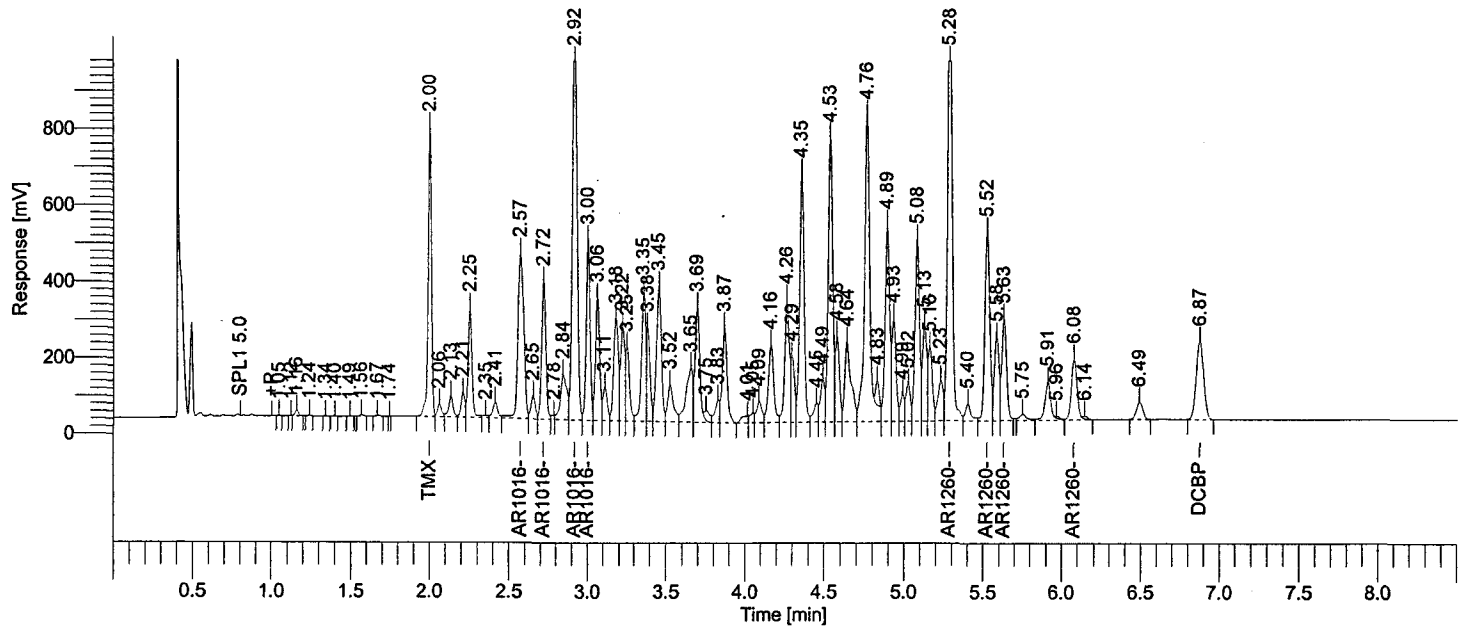
Sample #: A8B1804601 Page 1 of 1

Time of Injection: 07/03/2008 10:32:20
End Time : 8.50 min Low Point : -17.19 mV High Point : 982.81 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:35:36
 Reprocess Number : buf2042: 200736
 Operator : tchrom Sample Name : AS80007582MSBCU+
 Sample Number : A8B1804601 Study : CTA25903
 AutoSampler : BUILT-IN Rack/Vial : 1/14
 Instrument Name : HP6890-07 Channel : A
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.93 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 10:32:20 Cycle : 1

Raw Data File : H:\TURBO6\6890-07\7a63114.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a63114.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63114.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63114.rst
 Calib Method : h:\turbo6\6890-07\7a66(06-23-08).mth from H:\TURBO6\6890-07\7a63114.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
11	2.00	BV	1154697	TMX	0.02188	-----	0
	2.92		4800621	AR1016	0.56467	0.14117	4
	5.28		4391838	AR1260	0.55951	0.13988	4
72	6.87	BB	687196	DCBP	0.01903	-----	0
			11034352			0.28104	

7/4/08
 BTB

07/04/2008 10:35:36 Result: H:\TURBO6\6890-07\7a63114.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	2.57	VV	1091479	AR1016-A	0.56254	0.14063	4
20	2.72	VV	656277	AR1016-B	0.55707	0.13927	4
23	2.92	VV	2206854	AR1016-C	0.57959	0.14490	4
24	3.00	VV	846010	AR1016-D	0.53693	0.13423	4
						4800621	0.55903

Group Report For : AR1260

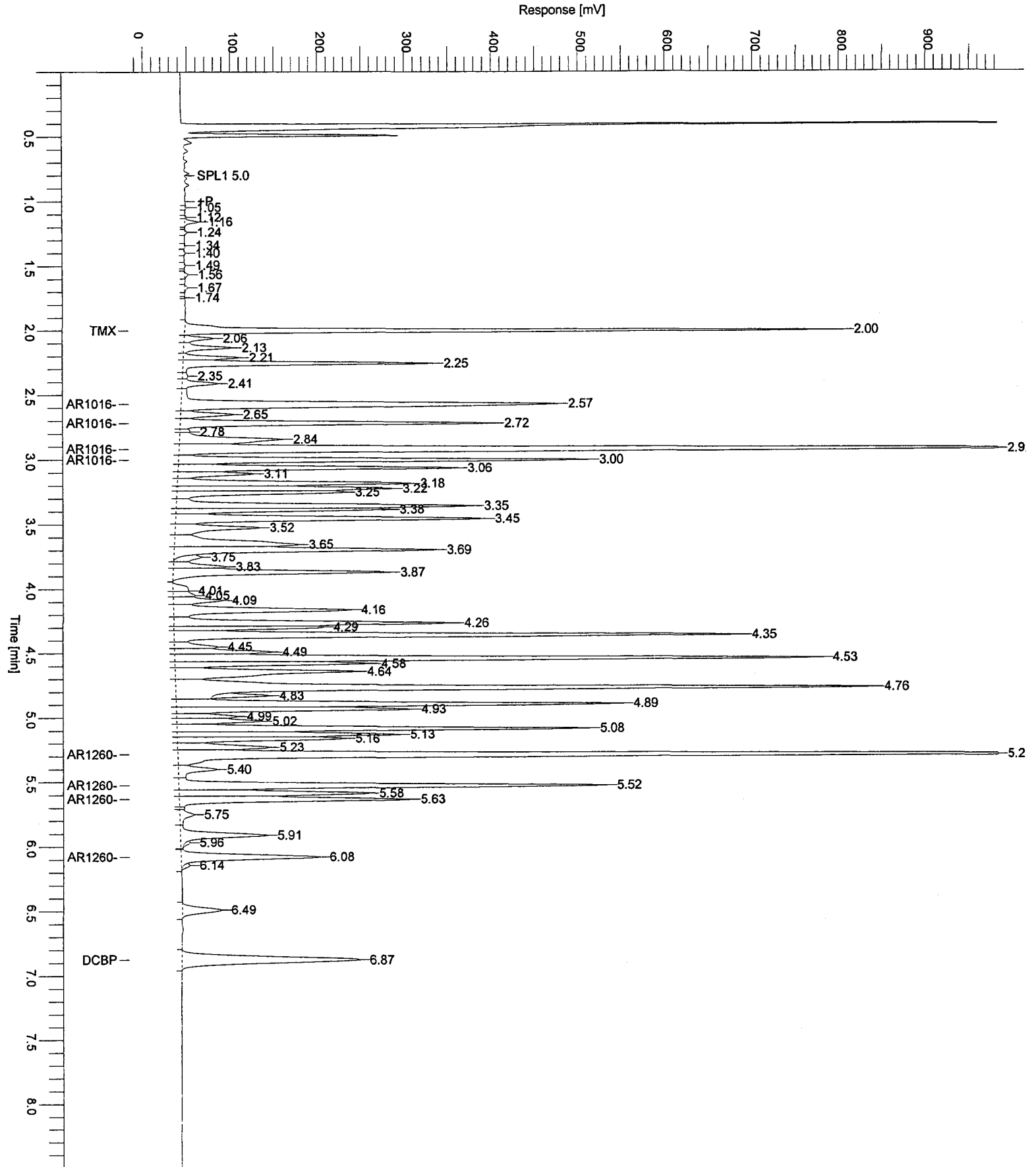
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
61	5.28	VV	2344315	AR1260-A	0.58222	0.14556	4
63	5.52	VV	1056790	AR1260-B	0.51115	0.12779	4
65	5.63	VV	571568	AR1260-C	0.61003	0.15251	4
69	6.08	VE	419145	AR1260-D	0.51210	0.12803	4
						4391838	0.55388

7/4/08
8/10

Sample Name : AS80007582MSBCU+
FileName : H:\TURBO6\6890-07\7a63114.raw
Date : 07/04/2008 10:35:38
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -17.41 mV

Sample #: A8B1804601 Page 1 of 1

Time of Injection: 07/03/2008 10:32:20
End Time : 8.50 min Low Point : -17.41 mV High Point : 982.59 mV
Plot Scale: 1000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807801Sample wt/vol: 30.82 (g/mL) G Lab File ID: 7B63103.TX0% Moisture: 0 decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

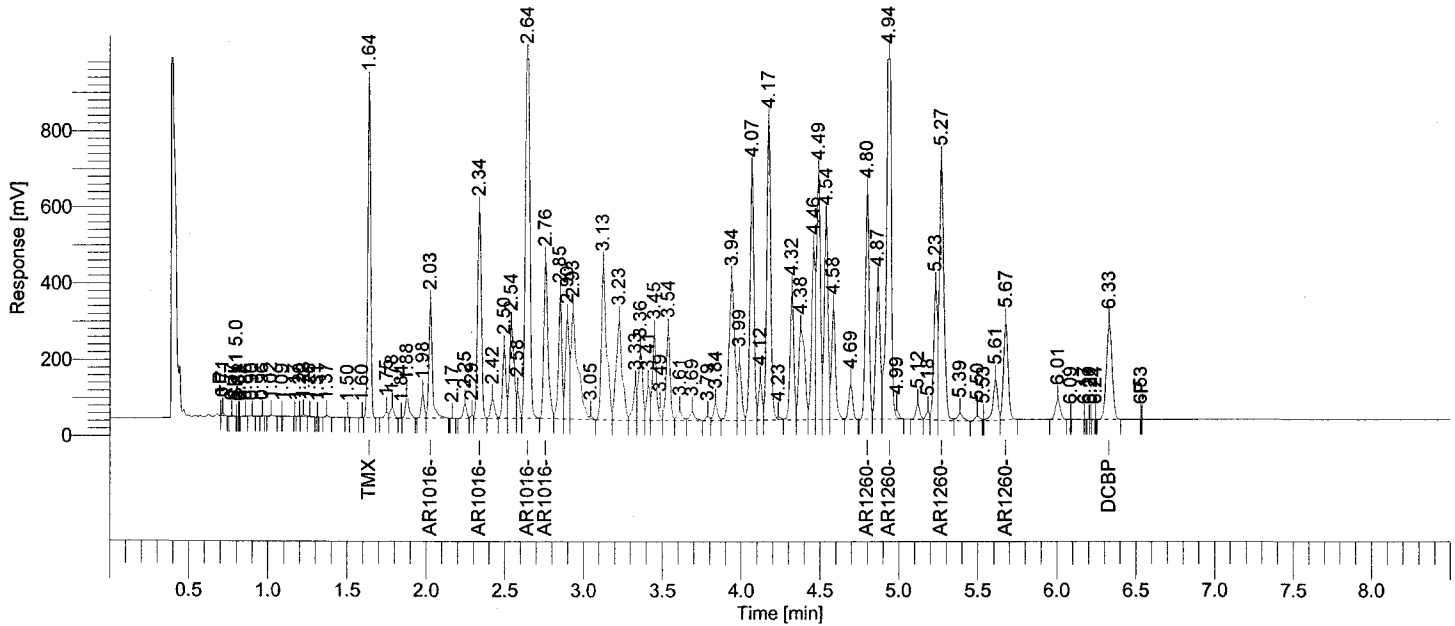
(ug/L or ug/Kg) UG/KG

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	140	
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	16	U
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	160	

Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 14:08:24
 Reprocess Number : buf2042: 200395
 Operator : tchrom Sample Name : AS80007654MSBCU+
 Sample Number : A8B1807801 Study : STA00489
 AutoSampler : BUILT-IN Rack/Vial : 1/3
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.94 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/02/2008 11:48:34 Cycle : 1

Raw Data File : H:\TURBO6\6890-07\7b63103.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63103.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63103.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63103.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b63103.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
18	1.64	VB	1101071	TMX	0.01860	-----	0
	2.64		4171037	AR1016	0.44185	0.11046	4
	4.94		5210909	AR1260	0.48779	0.12195	4
83	6.33	BB	628565	DCBP	0.01824	-----	0
			11111581			0.23241	

Handwritten signature: [Signature]

07/02/2008 14:08:24 Result: H:\TURBO6\6890-07\7b63103.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
24	2.03	VB	466872	AR1016-A	0.48771	0.12193	4
28	2.34	VV	940415	AR1016-B	0.43131	0.10783	4
33	2.64	VB	2013356	AR1016-C	0.43745	0.10936	4
34	2.76	BV	750394	AR1016-D	0.44148	0.11037	4
			4171037			0.44949	

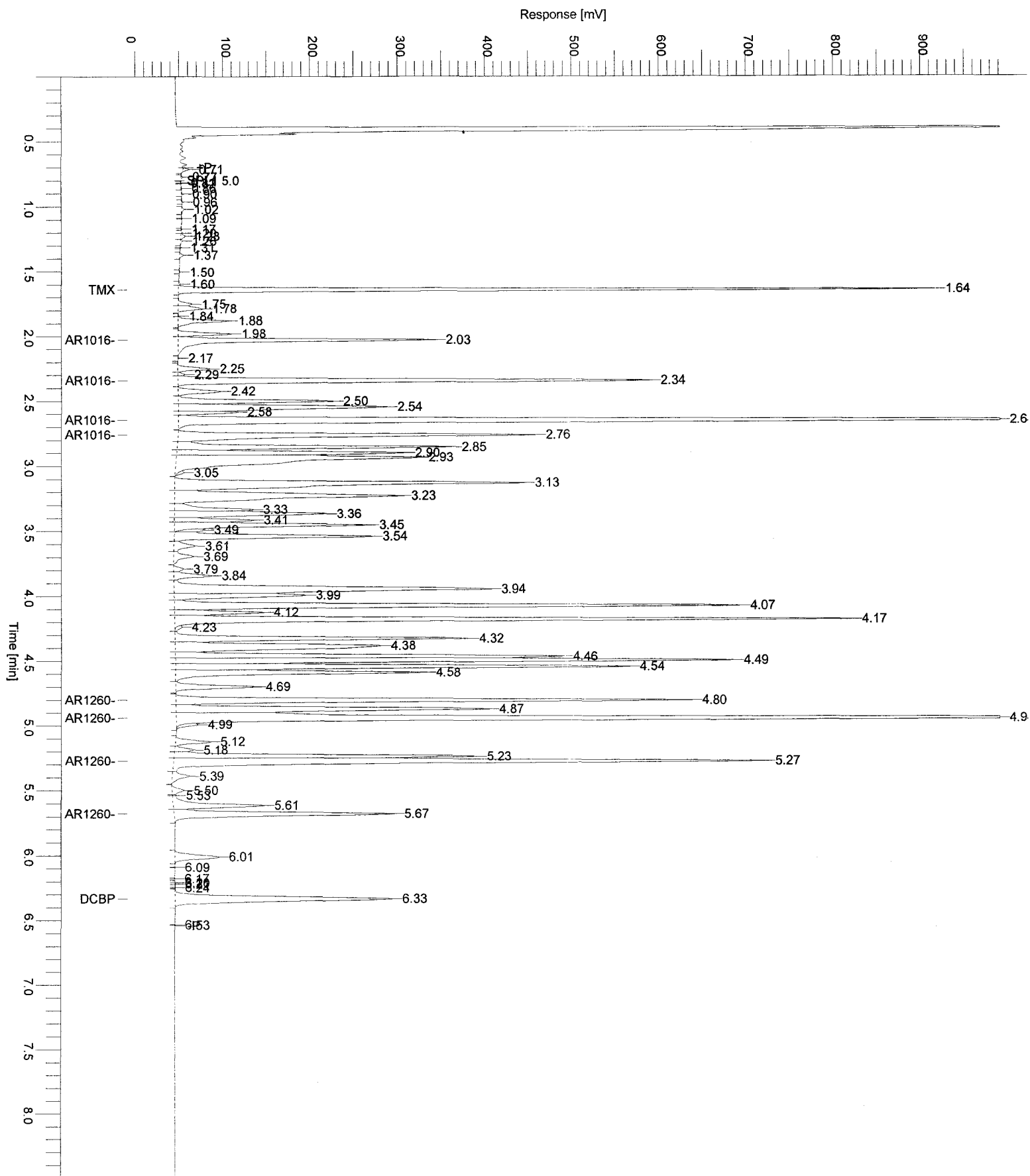
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
64	4.80	VV	991332	AR1260-A	0.47896	0.11974	4
66	4.94	VE	2364165	AR1260-B	0.49890	0.12473	4
71	5.27	VV	1354099	AR1260-C	0.46346	0.11587	4
76	5.67	VB	501312	AR1260-D	0.52635	0.13159	4
			5210909			0.49192	

Sample Name : AS80007654MSBCU+
FileName : H:\TURBO6\6890-07\7b63103.raw
Date : 07/02/2008 14:08:26
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -9.02 mV

Sample #: A8B1807801 Page 1 of 1

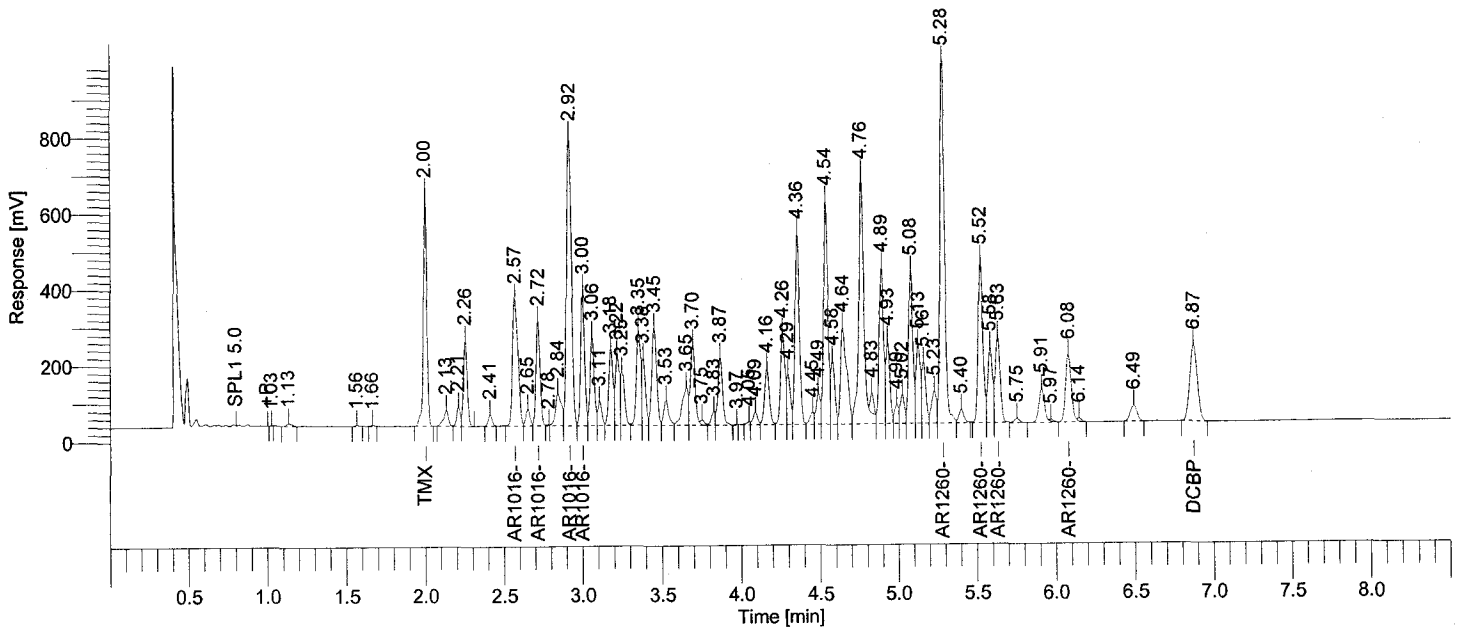
Time of Injection: 07/02/2008 11:48:34
End Time : 8.50 min
Low Point : -9.02 mV
High Point : 990.98 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2042: 200394
 Operator : tchrom
 Sample Number : A8B1807801
 AutoSampler : BUILT-IN
 Instrument Name : HP6890-07
 Instrument Serial # : CN10448015
 Delay Time : 0.00 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 07/02/2008 11:48:34

Date : 07/02/2008 14:08:19
 Sample Name : AS80007654MSBCU+
 Study : STA00489
 Rack/Vial : 1/3
 Channel : A
 A/D mV Range : 1000
 End Time : 12.94 min
 Area Reject : 5000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\6890-07\7a63103.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a63103.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63103.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63103.rst
 Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a63103.rst
 Report Format File: h:\turbo6\6890-07\7pcbssamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
5	2.00	BV	936426	TMX	0.01774	-----	0
	2.92		3560562	AR1016	0.44881	0.10470	4
	5.28		3826071	AR1260	0.48743	0.12186	4
64	6.87	BB	666121	DCBP	0.01845	-----	0
			8989180			0.22656	

07/02/2008 14:08:19 Result: H:\TURBO6\6890-07\7a63103.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
10	2.57	VV	812940	AR1016-A	0.41898	0.10475	4
12	2.72	VV	483160	AR1016-B	0.41012	0.10253	4
15	2.92	VV	1640673	AR1016-C	0.43089	0.10772	4
16	3.00	VV	623789	AR1016-D	0.39589	0.09897	4
			3560562			0.41397	

Group Report For : AR1260

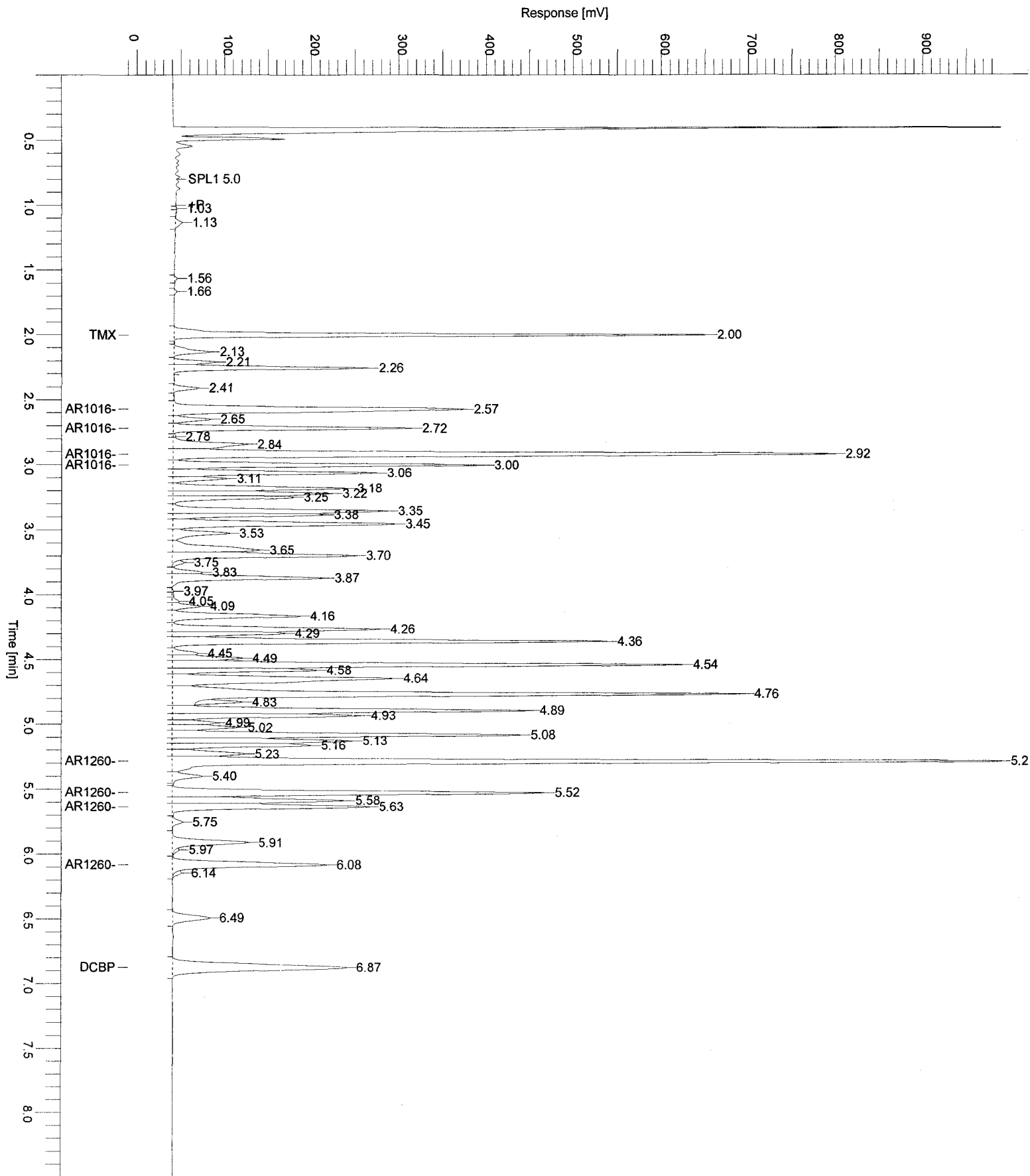
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
53	5.28	VV	1974208	AR1260-A	0.49030	0.12258	4
55	5.52	VV	901527	AR1260-B	0.43605	0.10901	4
57	5.63	VV	495909	AR1260-C	0.52926	0.13232	4
61	6.08	VE	454427	AR1260-D	0.55521	0.13880	4
			3826071			0.50271	

AW 7/16/08

Sample Name : AS80007654MSBCU+
FileName : H:\TURBO6\6890-07\7a63103.raw
Date : 07/02/2008 14:08:21
Method : 6890-7pcbins

Sample #: A8B1807801 Page 1 of 1

Time of Injection: 07/02/2008 11:48:34
Start Time : 0.00 min End Time : 8.50 min Low Point : -10.42 mV High Point : 989.58 mV
Plot Offset: -10.42 mV Plot Scale: 1000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1833801

Sample wt/vol: 30.26 (g/mL) G Lab File ID: 12A36016.TX0

% Moisture: 0 decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/07/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/08/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

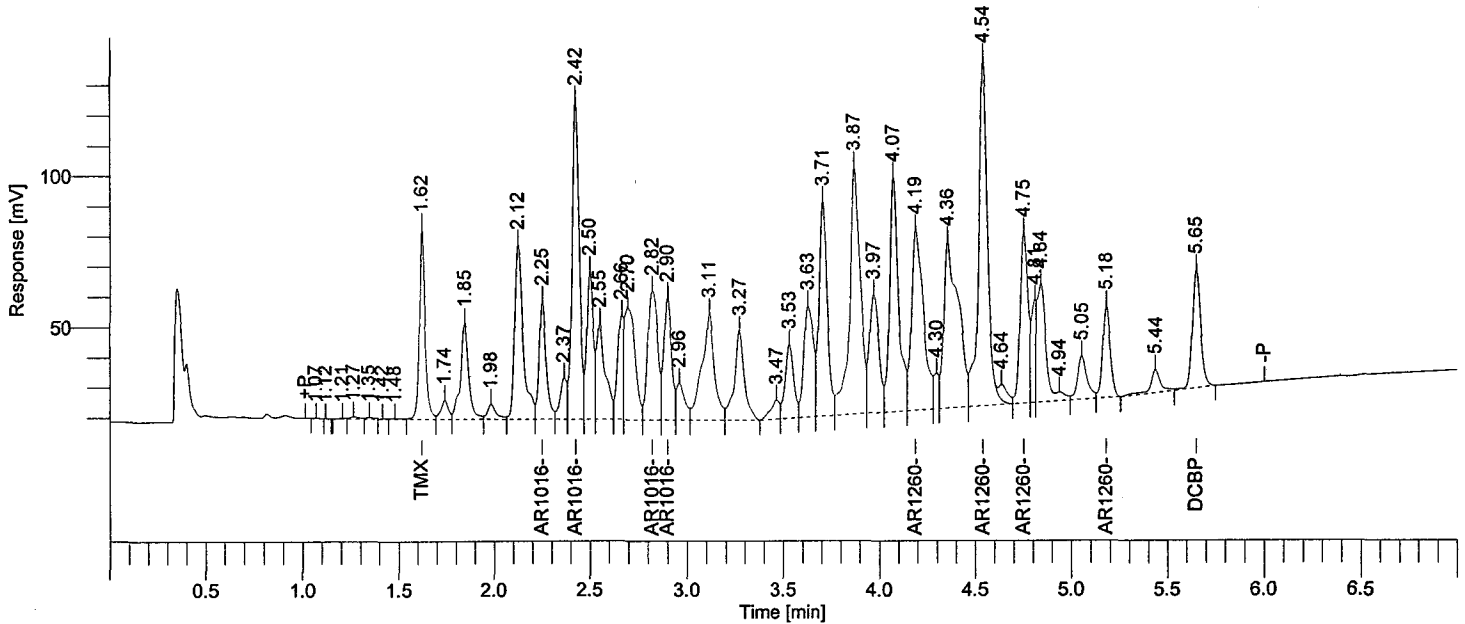
CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	150	
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	16	U
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	140	

Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2042: 201340
 Operator : tchrom
 Sample Number : A8B1833801
 AutoSampler : NONE
 Instrument Name : HP5890-12
 Interface Serial # : 4118271166
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 07/08/2008 10:56:55

Date : 07/09/2008 07:27:49
 Sample Name : AS80007783MSBCU+
 Study : CTA25903
 Rack/Vial : 0/0
 Channel : A
 A/D mV Range : 1000
 End Time : 7.00 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\5890-12\12a36016.raw <Modified>
 Result File : H:\TURBO6\5890-12\12a36016.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12a36016.raw
 Proc Method : h:\turbo6\5890-12\12-aproc.mth from H:\TURBO6\5890-12\12a36016.rst
 Calib Method : h:\turbo6\5890-12\12a-66(03-14-08).mth from H:\TURBO6\5890-12\12a36016.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D36.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	1.62	VV	133905	TMX	0.01616	-----	0
	2.42		637461	AR1016	0.44562	0.11140	4
	4.54		867214	AR1260	0.43961	0.10990	4
44	5.65	VB	118333	DCBP	0.01684	-----	0
			1756914			0.22131	

7/9/08
 [Signature]

07/09/2008 07:27:49 Result: H:\TURBO6\5890-12\12a36016.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
13	2.25	VV	101191	AR1016-A	0.45768	0.11442	4
15	2.42	VV	273348	AR1016-B	0.43235	0.10809	4
20	2.82	VV	150583	AR1016-C	0.46103	0.11526	4
21	2.90	VV	112339	AR1016-D	0.44837	0.11209	4
			637461			0.44986	

Group Report For : AR1260

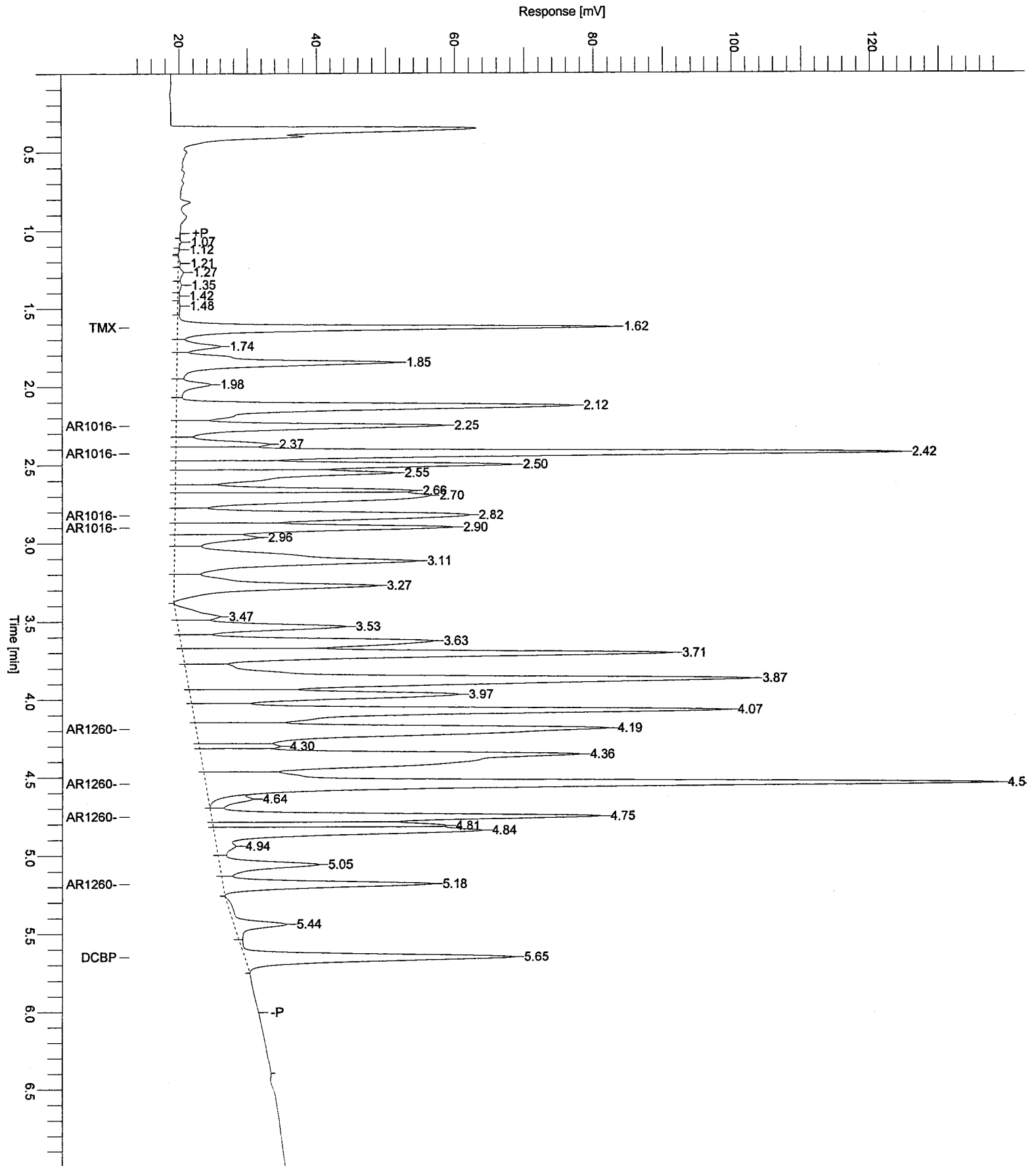
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
32	4.19	VV	259262	AR1260-A	0.45358	0.11339	4
35	4.54	VE	370068	AR1260-B	0.44345	0.11086	4
37	4.75	VV	153816	AR1260-C	0.43159	0.10790	4
42	5.18	VB	84068	AR1260-D	0.40003	0.10001	4
			867214			0.43216	

7/9/08
80

Sample Name : AS80007783MSBCU+
FileName : H:\TURBO6\5890-12\12a36016.raw
Date : 07/09/2008 07:27:51

Sample # : A8B1833801 Page 1 of 1

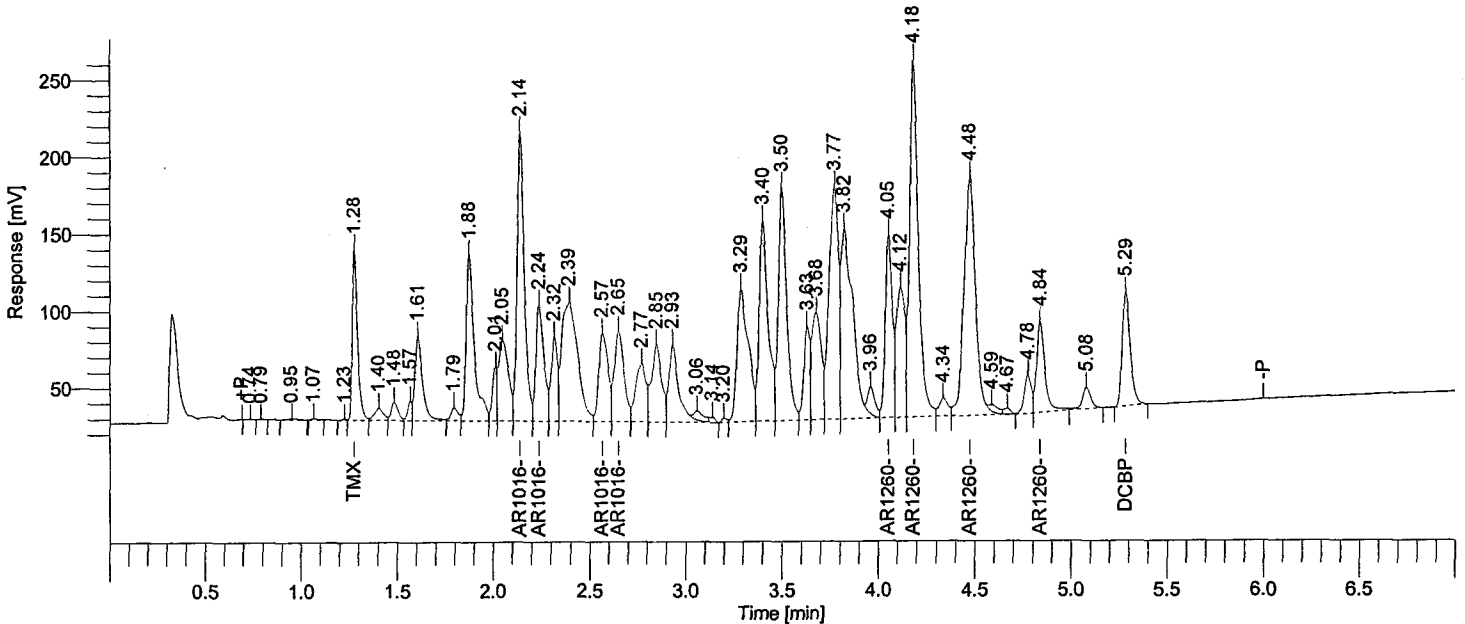
Method : 12DINS Time of Injection : 07/08/2008 10:56:55
Start Time : 0.00 min End Time : 7.00 min Low Point : 12.66 mV High Point : 138.47 mV
Scale Factor : 1.0 Plot Offset: 12.66 mV Plot Scale : 125.8 mV



Software Version : 6.2.1.0.104:0104
 Reprocess Number : buf2042: 201341
 Operator : tchom
 Sample Number : A8B1833801
 AutoSampler : NONE
 Instrument Name : HP5890-12
 Interface Serial # : 4118271166
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Sample Volume : 1.000000 uL
 Sample Amount : 1.0000
 Data Acquisition Time : 07/08/2008 10:56:55

Date : 07/09/2008 07:27:57
 Sample Name : AS80007783MSBCU+
 Study : CTA25903
 Rack/Vial : 0/0
 Channel : B
 A/D mV Range : 1000
 End Time : 7.00 min
 Area Reject : 1000.000000
 Dilution Factor : 1.00
 Cycle : 1

Raw Data File : H:\TURBO6\5890-12\12B36016.raw <Modified>
 Result File : H:\TURBO6\5890-12\12B36016.rst
 Inst Method : H:\TURBO6\5890-12\12DINS from H:\TURBO6\5890-12\12B36016.raw
 Proc Method : h:\turbo6\5890-12\12-bproc.mth from H:\TURBO6\5890-12\12B36016.rst
 Calib Method : h:\turbo6\5890-12\12b-66(03-14-08).mth from H:\TURBO6\5890-12\12B36016.rst
 Report Format File: h:\turbo6\5890-12\12samp.rpt
 Sequence File : H:\TURBO6\5890-12\12D36.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
6	1.28	VV	216498	TMX	0.01464	-----	0
	2.14		1112404	AR1016	0.41257	0.10314	4
	4.18		1873760	AR1260	0.49454	0.12363	4
45	5.29	BB	215145	DCBP	0.01710	-----	0
			3417807			0.22678	

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 7/9/08

07/09/2008 07:27:57 Result: H:\TURBO6\5890-12\12B36016.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	2.14	VV	494388	AR1016-A	0.42942	0.10736	4
16	2.24	VV	216037	AR1016-B	0.43839	0.10960	4
19	2.57	VV	193749	AR1016-C	0.34488	0.08622	4
20	2.65	VV	208229	AR1016-D	0.42458	0.10615	4
						1112404	0.40932

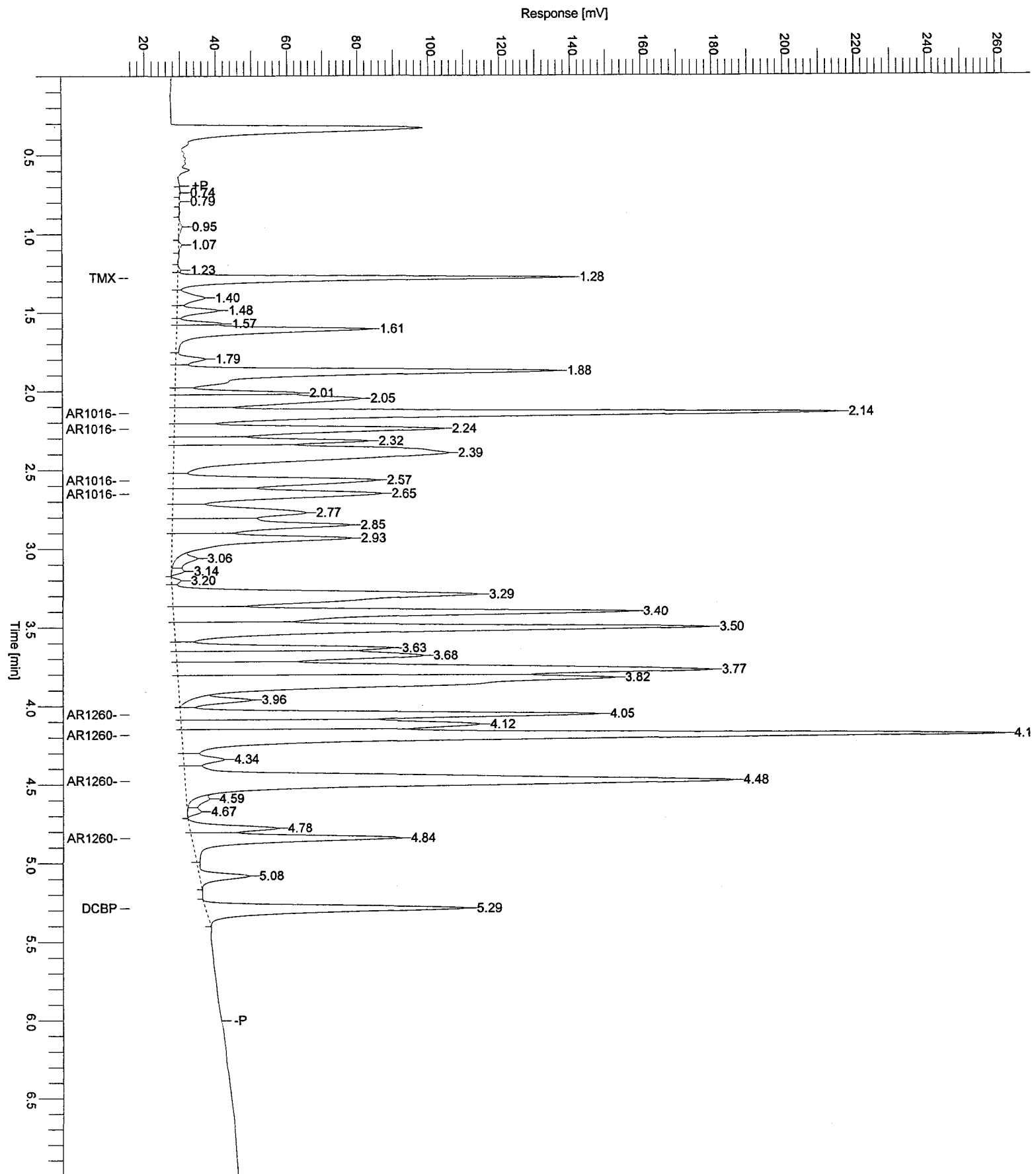
Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
35	4.05	VV	308775	AR1260-A	0.51964	0.12991	4
37	4.18	VV	731299	AR1260-B	0.49336	0.12334	4
39	4.48	VE	655130	AR1260-C	0.49687	0.12422	4
43	4.84	VV	178556	AR1260-D	0.45330	0.11333	4
						1873760	0.49079

7/9/08
BAA

Sample Name : AS80007783MSBCU+
File Name : H:\TURBO\815890-12\12B36016.raw
Date : 07/09/2008 07:27:59
Method : 12DINS

Sample #: A8B1833801 Page 1 of 1
Time of Injection: 07/08/2008 10:56:55
Start Time : 0.00 min End Time : 7.00 min Low Point : 15.30 mV High Point : 262.35 mV
Scale Factor: 1.0 Plot Offset: 15.30 mV Plot Scale: 247.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blk Dup

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595

Matrix: (soil/water) SOIL Lab Sample ID: A8B1804602

Sample wt/vol: 30.79 (g/mL) G Lab File ID: 7B63115.TX0

% Moisture: 0 decanted: (Y/N) N Date Samp/Recv: _____

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/03/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

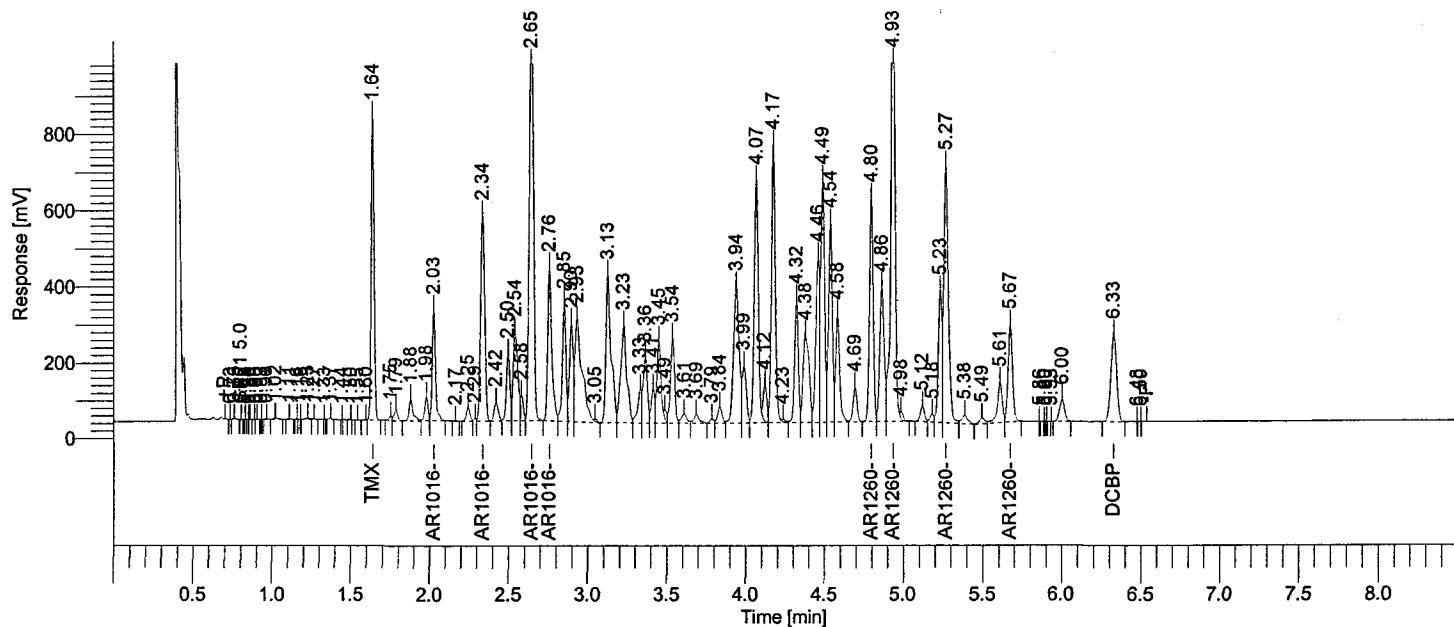
GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	140	
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	16	U
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	160	

Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:36:01
 Reprocess Number : buf2042: 200739
 Operator : tchrom Sample Name : AS80007583MSBDCU+
 Sample Number : A8B1804602 Study : CTA25903
 AutoSampler : BUILT-IN Rack/Vial : 1/15
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.94 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 10:50:40 Cycle : 2

Raw Data File : H:\TURBO6\6890-07\7b63115.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63115.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63115.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63115.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b63115.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
23	1.64	VB	1016420	TMX	0.01717	-----	0
	2.65		4071052	AR1016	0.43126	0.10782	4
	4.93		5217186	AR1260	0.48838	0.12210	4
85	6.33	BB	585334	DCBP	0.01699	-----	0
			10889992			0.22991	

7/4/08
 (signature)

07/04/2008 10:36:01 Result: H:\TURBO6\6890-07\7b63115.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
28	2.03	VB	432627	AR1016-A	0.45194	0.11298	4
32	2.34	VB	928036	AR1016-B	0.42563	0.10641	4
37	2.65	VB	1974338	AR1016-C	0.42897	0.10724	4
38	2.76	BV	736052	AR1016-D	0.43304	0.10826	4
						4071052	0.43490

Group Report For : AR1260

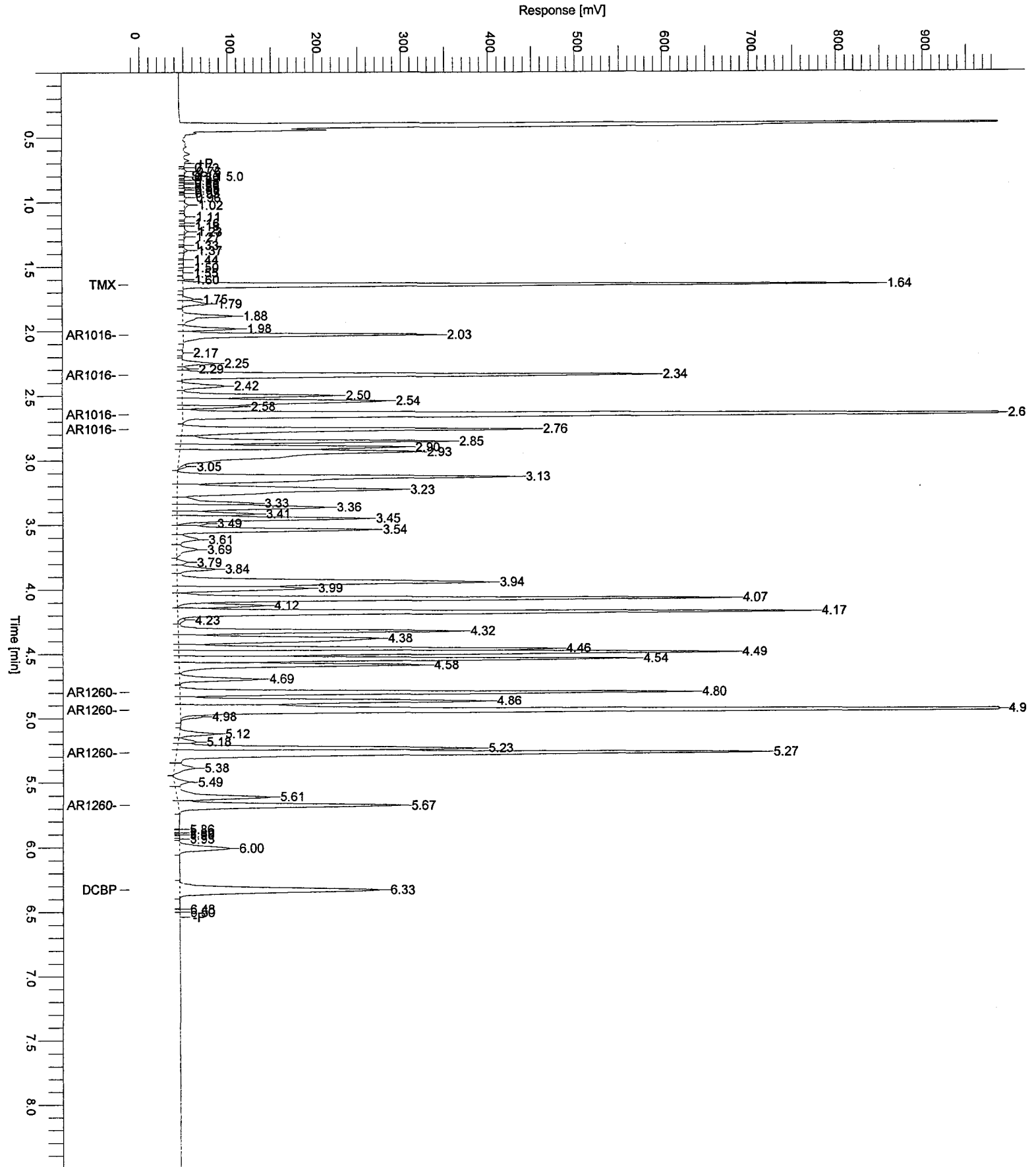
Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
68	4.80	VV	986986	AR1260-A	0.47686	0.11922	4
70	4.93	VE	2344887	AR1260-B	0.49483	0.12371	4
75	5.27	VV	1376452	AR1260-C	0.47111	0.11778	4
79	5.67	VB	508861	AR1260-D	0.53428	0.13357	4
						5217186	0.49427

7/4/08
S/A

Sample Name : AS80007583MSBDCU+
FileName : H:\TURBO6\6890-07\7b63115.raw
Date : 07/04/2008 10:36:03
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -13.37 mV

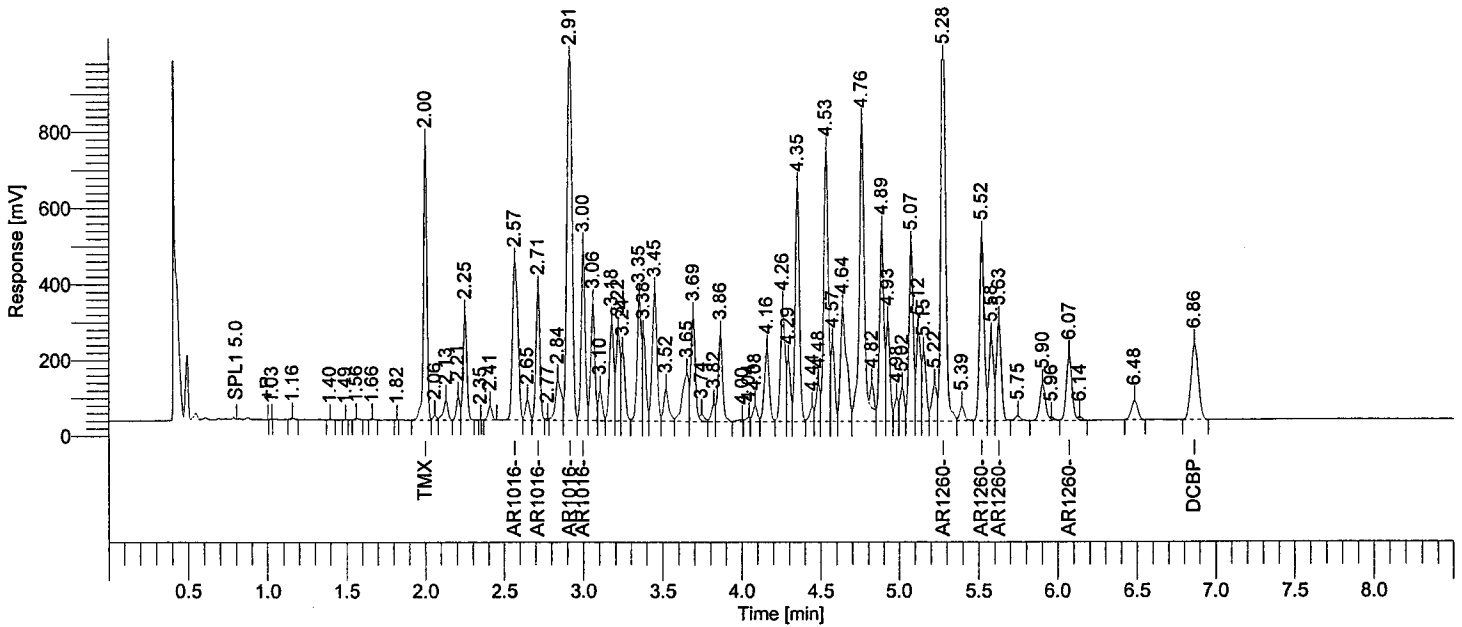
Sample #: A8B1804602 Page 1 of 1

Time of Injection: 07/03/2008 10:50:40
Low Point : -13.37 mV High Point : 986.63 mV
Plot Scale: 1000.0 mV



Software Version : 6.2.1.0.104:0104 Date : 07/04/2008 10:35:53
 Reprocess Number : buf2042: 200738
 Operator : tchrom Sample Name : AS80007583MSBDCU+
 Sample Number : A8B1804602 Study : CTA25903
 AutoSampler : BUILT-IN Rack/Vial : 1/15
 Instrument Name : HP6890-07 Channel : A
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.94 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/03/2008 10:50:40 Cycle : 2

Raw Data File : H:\TURBO6\6890-07\7a63115.raw <Modified>
 Result File : H:\TURBO6\6890-07\7a63115.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63115.raw
 Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63115.rst
 Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a63115.rst
 Report Format File: h:\turbo6\6890-07\7pcbamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
8	2.00	BV	1114399	TMX	0.02112	-----	0
	2.91		4548610	AR1016	0.53503	0.13376	4
	5.28		4246817	AR1260	0.54103	0.13526	4
69	6.86	BB	661612	DCBP	0.01832	-----	0
			10571438			0.26902	

Handwritten signature: 7/4/08
Handwritten initials: [Signature]

07/04/2008 10:35:53 Result: H:\TURBO6\6890-07\7a63115.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
15	2.57	VV	1011347	AR1016-A	0.52124	0.13031	4
17	2.71	VV	617297	AR1016-B	0.52398	0.13100	4
20	2.91	VV	2121738	AR1016-C	0.55723	0.13931	4
21	3.00	VV	798228	AR1016-D	0.50660	0.12665	4
						4548610	0.52726

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
58	5.28	VV	2252922	AR1260-A	0.55952	0.13988	4
60	5.52	VV	1001917	AR1260-B	0.48461	0.12115	4
62	5.63	VV	554350	AR1260-C	0.59164	0.14791	4
66	6.07	VE	437628	AR1260-D	0.53469	0.13367	4
						4246817	0.54261

7/4/08
GD

Sample Name : AS80007583MSBDCU+
FileName : H:\TURBO6\6890-07\7a63115.raw

Sample #: A8B1804602 Page 1 of 1

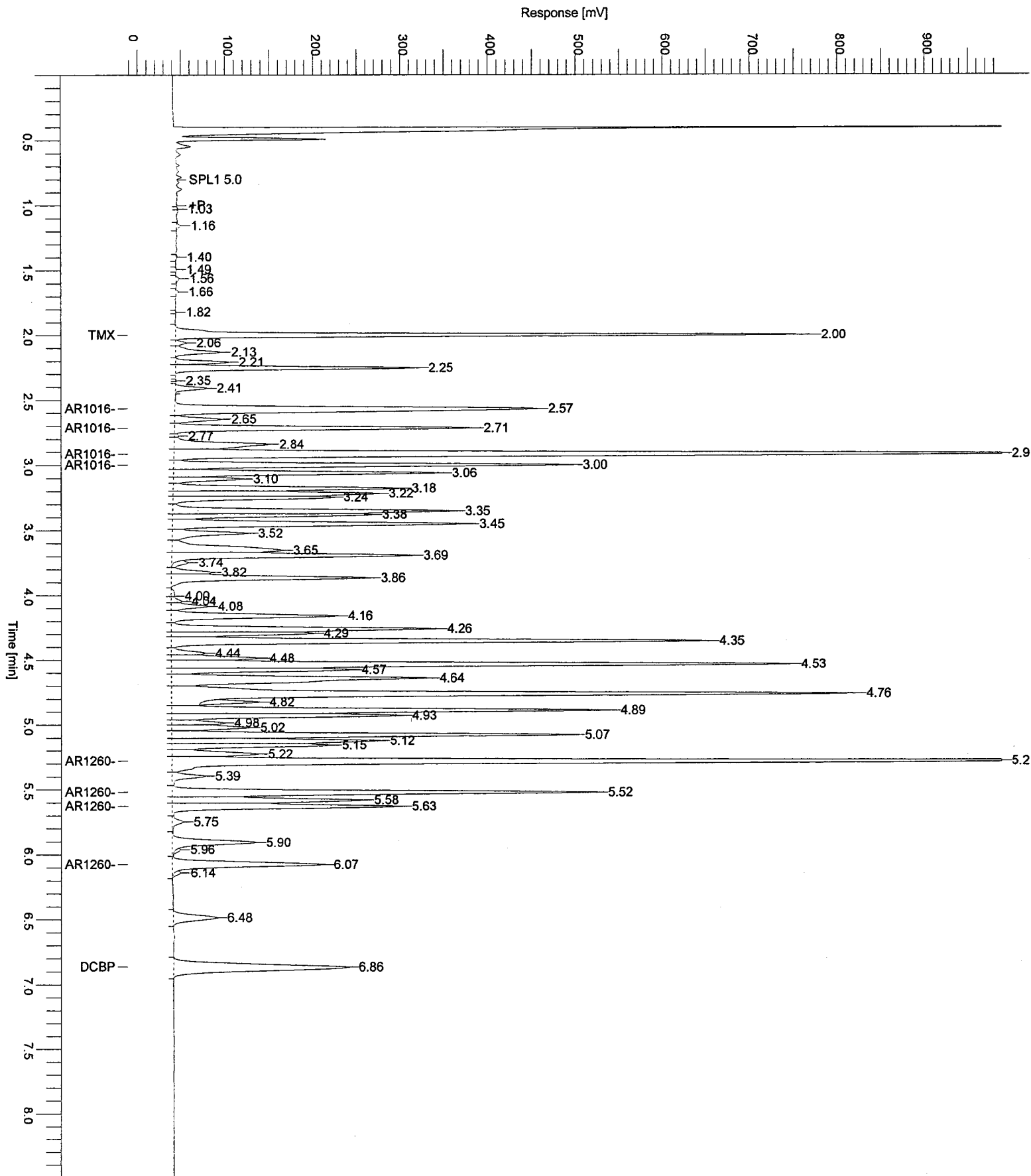
Date : 07/04/2008 10:35:55

Method : 6890-7pcbins

Time of Injection: 07/03/2008 10:50:40

Start Time : 0.00 min End Time : 8.50 min Low Point : -11.73 mV High Point : 988.27 mV

Plot Offset: -11.73 mV Plot Scale: 1000.0 mV



LABELLA ASSOCIATES
 LABELLA ASSOCIATES
 METHOD 8082 - POLYCHLORINATED BIPHENYLS
 ANALYSIS DATA SHEET

Client No.

Matrix Spike Blk Dup

Lab Name: TestAmerica Laboratories Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 7595Matrix: (soil/water) SOIL Lab Sample ID: A8B1807802Sample wt/vol: 30.41 (g/mL) G Lab File ID: 7B63104.TX0% Moisture: 0 decanted: (Y/N) N Date Samp/Recv: _____Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 07/01/2008Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/02/2008Injection Volume: 1.00 (uL) Dilution Factor: 1.00GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

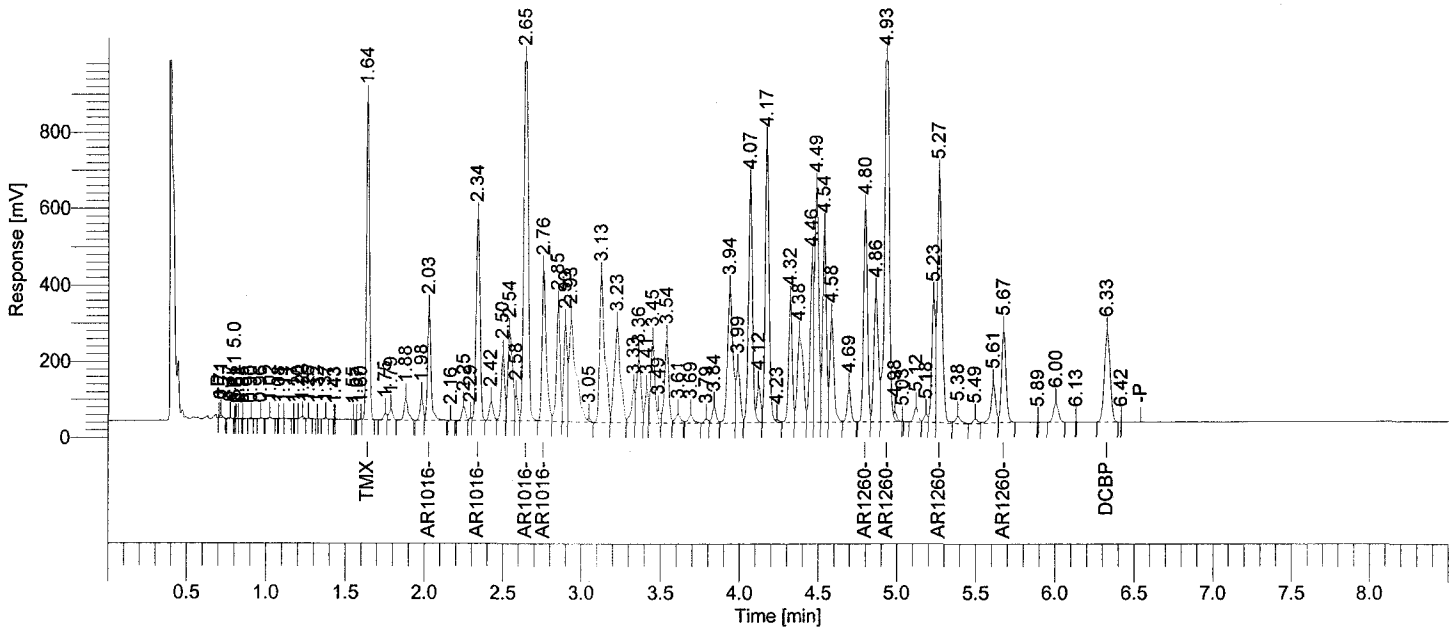
CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>	Q
12674-11-2----	Aroclor 1016	140	
11104-28-2----	Aroclor 1221	16	U
11141-16-5----	Aroclor 1232	16	U
53469-21-9----	Aroclor 1242	16	U
12672-29-6----	Aroclor 1248	16	U
11097-69-1----	Aroclor 1254	16	U
11096-82-5----	Aroclor 1260	150	

Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 14:08:32
 Reprocess Number : buf2042: 200397
 Operator : tchrom Sample Name : AS80007655MSBDCU+
 Sample Number : A8B1807802 Study : STA00489
 AutoSampler : BUILT-IN Rack/Vial : 1/4
 Instrument Name : HP6890-07 Channel : B
 Instrument Serial # : CN10448015 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 12.95 min
 Sampling Rate : 20.0000 pts/s
 Sample Volume : 1.000000 uL Area Reject : 5000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/02/2008 12:06:43 Cycle : 2

Raw Data File : H:\TURBO6\6890-07\7b63104.raw <Modified>
 Result File : H:\TURBO6\6890-07\7b63104.rst
 Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7b63104.raw
 Proc Method : h:\turbo6\6890-07\7b-pcbprocess.mth from H:\TURBO6\6890-07\7b63104.rst
 Calib Method : h:\turbo6\6890-07\07b66(06-23-08).mth from H:\TURBO6\6890-07\7b63104.rst
 Report Format File: h:\turbo6\6890-07\7pcbsamp.rpt
 Sequence File : H:\TURBO6\6890-07\7D-63.seq



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
22	1.64	VB	1068184	TMX	0.01804	-----	0
	2.65		4018569	AR1016	0.42570	0.10643	4
	4.93		4978032	AR1260	0.46599	0.11650	4
83	6.33	BB	602973	DCBP	0.01750	-----	0
			10667758			0.22292	

Handwritten signature and date: [Signature] 7/16/08

07/02/2008 14:08:32 Result: H:\TURBO6\6890-07\7b63104.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
27	2.03	VB	438793	AR1016-A	0.45838	0.11459	4
31	2.34	VV	913711	AR1016-B	0.41906	0.10477	4
36	2.65	VB	1942999	AR1016-C	0.42216	0.10554	4
37	2.76	BV	723066	AR1016-D	0.42540	0.10635	4
			4018569			0.43125	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
67	4.80	VV	950764	AR1260-A	0.45936	0.11484	4
69	4.93	VE	2252999	AR1260-B	0.47544	0.11886	4
75	5.27	VV	1294815	AR1260-C	0.44317	0.11079	4
79	5.67	VB	479455	AR1260-D	0.50340	0.12585	4
			4978032			0.47034	

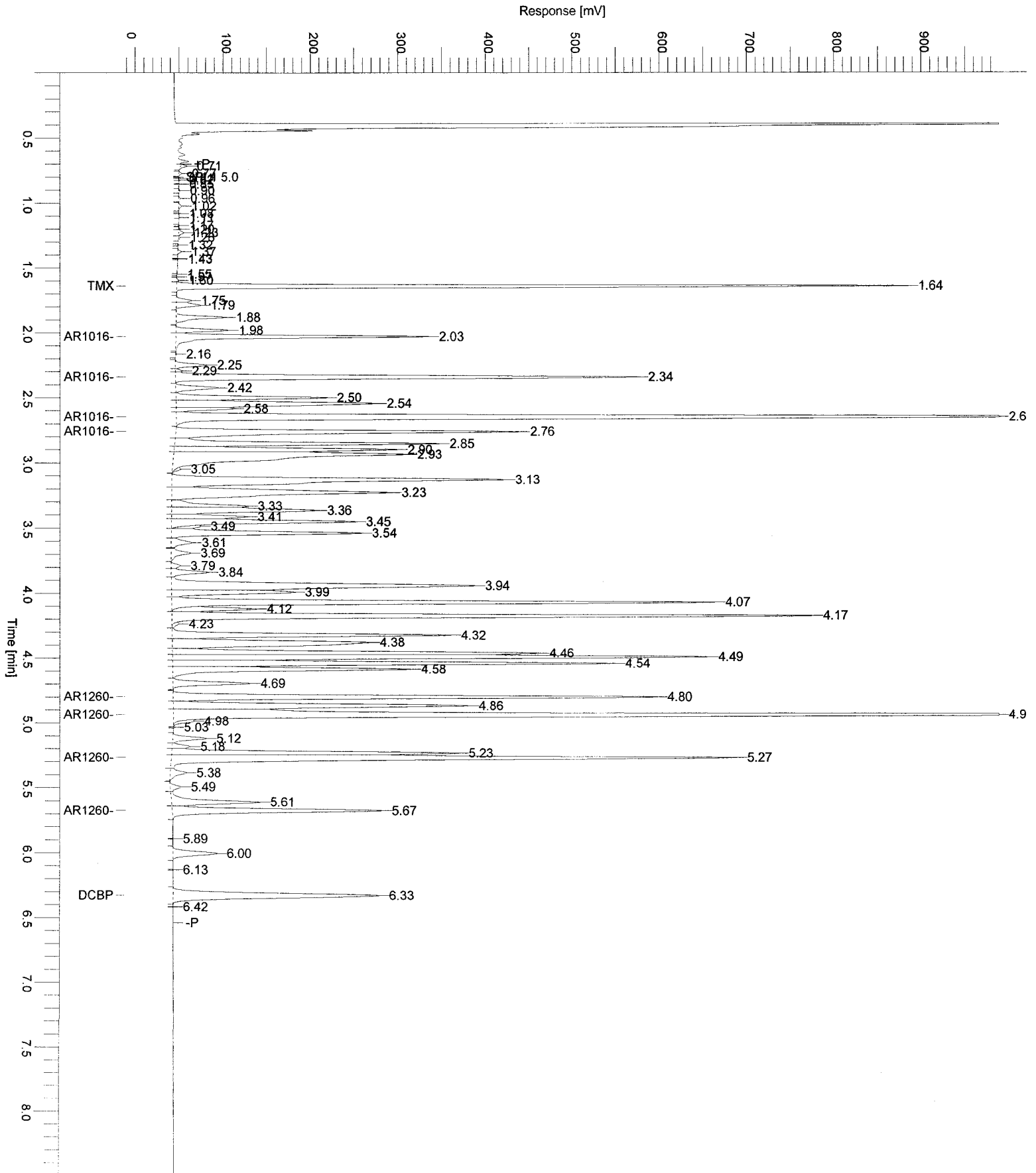
Chromatogram

2830/4151

Sample Name : AS80007655MSBDCU+
FileName : H:\TURBO6\6890-07\7b63104.raw
Date : 07/02/2008 14:08:34
Method : 6890-7pcbins

Sample #: A8B1807802 Page 1 of 1

Time of Injection: 07/02/2008 12:06:43
Start Time : 0.00 min End Time : 8.50 min Low Point : -10.74 mV High Point : 989.26 mV
Plot Offset: -10.74 mV Plot Scale: 1000.0 mV



```

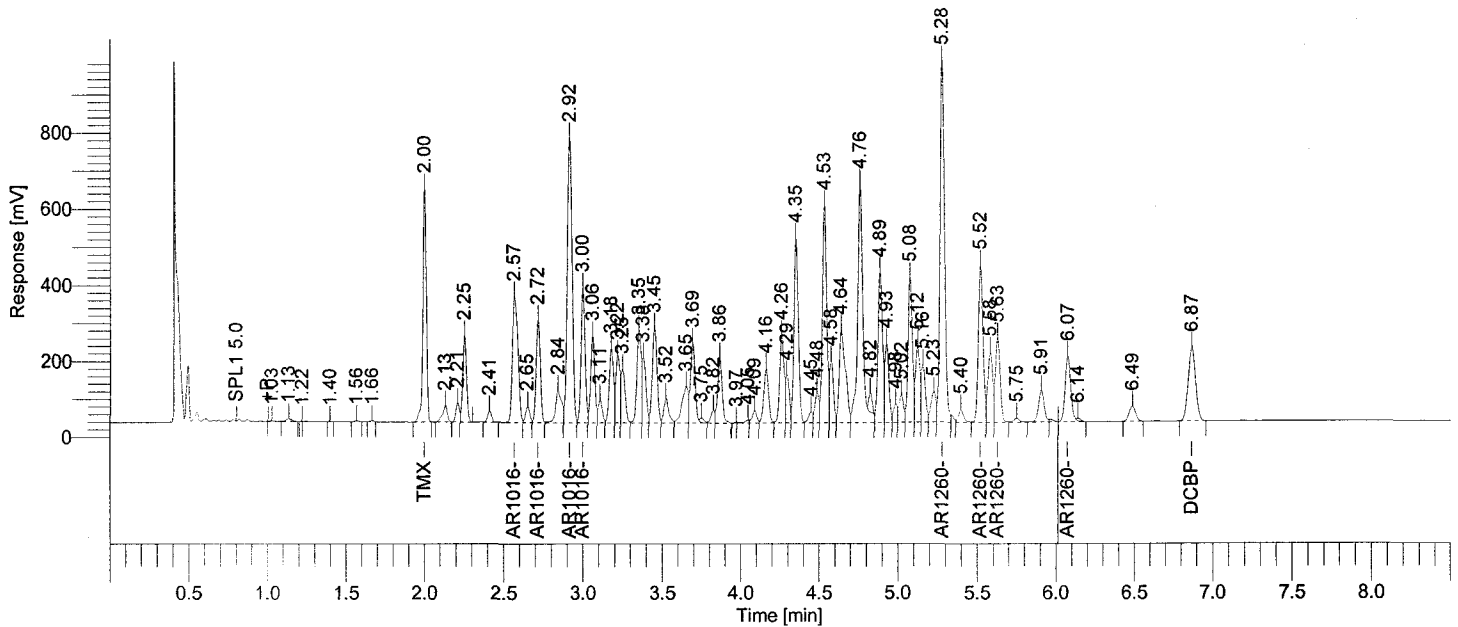
Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 200396
Operator : tchrom
Sample Number : A8B1807802
AutoSampler : BUILT-IN
Instrument Name : HP6890-07
Instrument Serial # : CN10448015
Delay Time : 0.00 min
Sampling Rate : 20.0000 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/02/2008 12:06:43

Date : 07/02/2008 14:08:28
Sample Name : AS80007655MSBDCU+
Study : STA00489
Rack/Vial : 1/4
Channel : A
A/D mV Range : 1000
End Time : 12.95 min

Area Reject : 5000.000000
Dilution Factor : 1.00
Cycle : 2
    
```

```

Raw Data File : H:\TURBO6\6890-07\7a63104.raw <Modified>
Result File : H:\TURBO6\6890-07\7a63104.rst
Inst Method : h:\turbo6\6890-07\6890-7pcbins from H:\TURBO6\6890-07\7a63104.raw
Proc Method : h:\turbo6\6890-07\7a-pcbprocess.mth from H:\TURBO6\6890-07\7a63104.rst
Calib Method : h:\turbo6\6890-07\07a66(06-23-08).mth from H:\TURBO6\6890-07\7a63104.rst
Report Format File: h:\turbo6\6890-07\7pcbssamp.rpt
Sequence File : H:\TURBO6\6890-07\7D-63.seq
    
```



Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
7	2.00	BV	940019	TMX	0.01781	-----	0
	2.92		3517808	AR1016	0.41378	0.10344	4
	5.28		3635431	AR1260	0.46315	0.11579	4
64	6.87	BB	636954	DCBP	0.01764	-----	0
			8730212			0.21923	

Handwritten signature and date: 7/16/08

07/02/2008 14:08:28 Result: H:\TURBO6\6890-07\7a63104.rst

Group Report For : AR1016

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
12	2.57	VV	798080	AR1016-A	0.41132	0.10283	4
14	2.72	VV	480068	AR1016-B	0.40750	0.10187	4
16	2.92	VV	1622243	AR1016-C	0.42605	0.10651	4
17	3.00	VV	617417	AR1016-D	0.39185	0.09796	4
			3517808			0.40918	

Group Report For : AR1260

Peak #	Ret Time [min]	BL	Area [uV-sec]	Component Name	NG conc.	AVG NG CONC (4 peaks)	# PEAKS USED
54	5.28	VV	1866107	AR1260-A	0.46346	0.11586	4
56	5.52	VV	858293	AR1260-B	0.41514	0.10378	4
58	5.63	VV	471876	AR1260-C	0.50362	0.12590	4
61	6.07	VE	439156	AR1260-D	0.53655	0.13414	4
			3635431			0.47969	

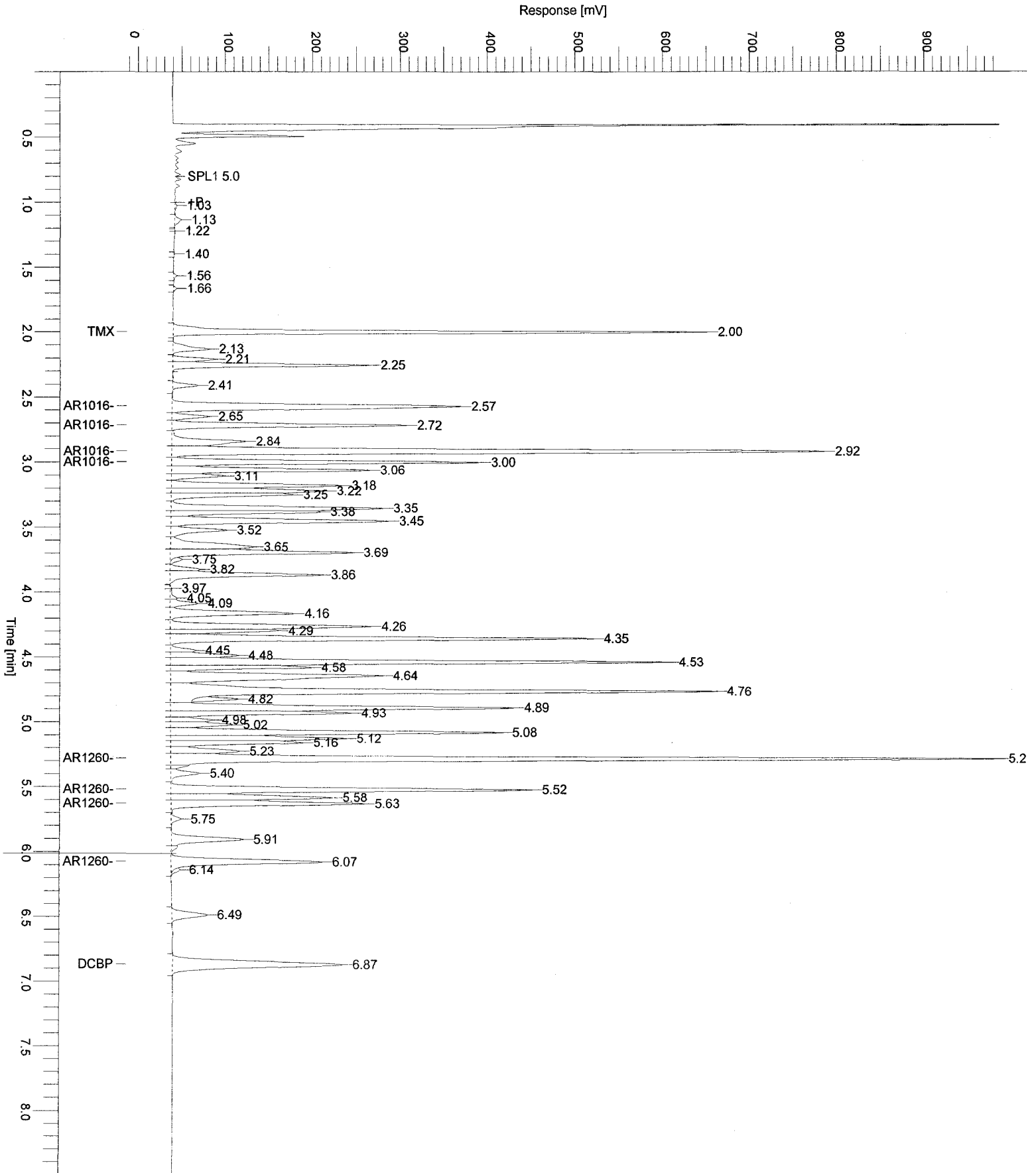
Chromatogram

2833/4151

Sample Name : AS80007655MSBDCU+
FileName : H:\TURBO6\6890-07\7a63104.raw
Date : 07/02/2008 14:08:30
Method : 6890-7pcbins
Start Time : 0.00 min
Plot Offset: -13.26 mV

Sample #: A8B1807802 Page 1 of 1

Time of Injection: 07/02/2008 12:06:43
End Time : 8.50 min
Low Point : -13.26 mV High Point : 986.74 mV
Plot Scale: 1000.0 mV



Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7595	A8759501	AS80007429	07/01/2008	JS	PCBS	1.26	5.33	4.40	4.07	3.14	77.15	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7691	A8769101	AS80007652	07/01/2008	JMB	PCBS	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769102	AS80007653	07/01/2008	JMB	PCBS	1.29	7.43	5.33	6.14	4.04	65.80	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7988	A8798801	AS80007834	07/07/2008	JMB	PCBS	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801RE	AS80008079			PCBS							N
A08-7988	A8798802	AS80007795	07/07/2008	JMB	PCBS	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802RE	AS80008080			PCBS							N
A08-7988	A8798803	AS80007796	07/07/2008	JMB	PCBS	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803RE	AS80008081			PCBS							N
A08-7988	A8798804	AS80007797	07/07/2008	JMB	PCBS	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804RE	AS80008082			PCBS							N
A08-7988	A8798805	AS80007798	07/07/2008	JMB	PCBS	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805RE	AS80008083			PCBS							N

WestAmerica Lab
 Date: 08/04/2008
 Time: 15:26:33

Organic Prep Log Book
 (3550B) 8081/ 8082 SOILS
 A8B18046 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 07/01/2008 CW

Preconc Date/Initials:

Cleanup Date/Initials: 07/01/2008 CW

Final Conc Date/Initials: 07/01/2008 JS

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7730	A8773001	A	FS	AS80007569	PCBS		8082	A00035		30.6100	SULFER	10.00	1.24	9.50	7.39	N
A08-7730	A8773002	A	FS	AS80007570	PCBS		8082	A00035		30.1300	SULFER	10.00	1.26	7.97	6.43	N
A08-7730	A8773003	A	FS	AS80007571	PCBS		8082	A00035		30.2400	SULFER	10.00	1.26	7.13	5.93	N
A08-7730	A8773004	A	FS	AS80007572	PCBS		8082	A00035		30.4500	SULFER	10.00	1.28	7.67	6.46	N
A08-7730	A8773005	A	FS	AS80007573	PCBS		8082	A00035		30.6500	SULFER	10.00	1.27	7.81	6.46	N
A08-7730	A8773006	A	FS	AS80007574	PCBS		8082	A00035		30.2700	SULFER	10.00	1.25	8.12	6.74	Y
A08-7730	A8773007	A	FS	AS80007575	PCBS		8082	A00035		30.4400	SULFER	10.00	1.27	5.16	2.14	N
A08-7730	A8773008	A	FS	AS80007576	PCBS		8082	A00035		30.4900	SULFER	10.00	1.27	6.57	5.50	N
A08-7730	A8773009	A	FS	AS80007577	PCBS		8082	A00035		30.4800	SULFER	10.00	1.27	7.95	6.51	N
A08-7730	A8773010	A	FS	AS80007578	PCBS		8082	A00035		30.0500	SULFER	10.00	1.25	7.82	6.46	N
A08-7730	A8773011	A	FS	AS80007579	PCBS		8082	A00035		30.2000	SULFER	10.00	1.28	8.69	7.30	N
A08-7730	A8773012	A	FS	AS80007580	PCBS		8082	A00035		30.5200	SULFER	10.00	1.25	7.81	6.46	N
A08-7730	A8773013	A	FS	AS80007581	PCBS		8082	A00035		30.4100	SULFER	10.00	1.26	7.08	5.79	N
A8B18046	A8B1804601	Z	MSB	AS80007582	PCBS		8082	A00035	A00222	30.7500	SULFER	10.00	0.00	0.00	0.00	N
A8B18046	A8B1804602	Z	MSBD	AS80007583	PCBS		8082	A00035	A00222	30.7900	SULFER	10.00	0.00	0.00	0.00	N
A8B18046	A8B1804603	Z	MELK	AS80007584	PCBS		8082	A00035		30.6400	SULFER	10.00	0.00	0.00	0.00	N

2837/4151

D* = Decanted (Y/N)

WestAmerica Lab
 Date: 08/04/2008
 Time: 15:26:33

Organic Prep Log Book
 (3550B) 8081/ 8082 SOILS
 A8B18046 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 07/01/2008 CW

Preconc Date/Initials:

Cleanup Date/Initials: 07/01/2008 CW

Final Conc Date/Initials: 07/01/2008 JS

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7595	A8759501	A	FS	AS80007585	TCL Pest		8081	A00035		30.1500		10.00	1.26	5.33	4.40	N
A8B18046	A8B1804601		MSB	AS80007586	TCL Pest		8081	A00035	A00225	30.0000		10.00	0.00	0.00	0.00	N
A8B18046	A8B1804602		MSEB	AS80007587	TCL Pest		8081	A00035	A00225	30.7600		10.00	0.00	0.00	0.00	N
A8B18046	A8B1804603		MLK	AS80007588	TCL Pest		8081	A00035		30.6400		10.00	0.00	0.00	0.00	N
A08-7595	A8759501	A	FS	AS80007429	PCBS		8082	A00035		30.1500	SULFER	10.00	1.26	5.33	4.40	N
A8B18046	A8B1804601	Z	MSB	AS80007582	PCBS		8082	A00035	A00222	30.7500	SULFER	10.00	0.00	0.00	0.00	N
A8B18046	A8B1804602	Z	MSEB	AS80007583	PCBS		8082	A00035	A00222	30.7900	SULFER	10.00	0.00	0.00	0.00	N
A8B18046	A8B1804603	Z	MLK	AS80007584	PCBS		8082	A00035		30.6400	SULFER	10.00	0.00	0.00	0.00	N

Comments: ALL 8081 SAMPLES WERE FLORISILED. CW 7/1/08

2838/4151

D* = Decanted (Y/N)

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-7595	A8759501	FS	AS80007429	STA00489	30.15	1.26	5.33	4.4
A08-7730	A8773001	FS	AS80007569	CTA25903	30.61	1.24	9.5	7.39
A08-7730	A8773002	FS	AS80007570	CTA25903	30.13	1.26	7.97	6.43
A08-7730	A8773003	FS	AS80007571	CTA25903	30.24	1.26	7.13	5.93
A08-7730	A8773004	FS	AS80007572	CTA25903	30.45	1.28	7.67	6.46
A08-7730	A8773005	FS	AS80007573	CTA25903	30.65	1.27	7.81	6.46
A08-7730	A8773006	FS	AS80007574	CTA25903	30.27	1.25	8.12	6.74
A08-7730	A8773007	FS	AS80007575	CTA25903	30.44	1.27	5.16	2.14
A08-7730	A8773008	FS	AS80007576	CTA25903	30.49	1.27	6.57	5.5
A08-7730	A8773009	FS	AS80007577	CTA25903	30.48	1.27	7.95	6.51
A08-7730	A8773010	FS	AS80007578	CTA25903	30.05	1.25	7.82	6.46
A08-7730	A8773011	FS	AS80007579	CTA25903	30.2	1.28	8.69	7.3
A08-7730	A8773012	FS	AS80007580	CTA25903	30.52	1.25	7.81	6.46
A08-7730	A8773013	FS	AS80007581	CTA25903	30.41	1.26	7.08	5.79
A8B18046	A8B1804601	MSB	AS80007582	CTA25903	30.75			
A8B18046	A8B1804601	MSB	AS80007582	STA00489	30.75			
A8B18046	A8B1804602	MSBD	AS80007583	CTA25903	30.79			
A8B18046	A8B1804602	MSBD	AS80007583	STA00489	30.79			
A8B18046	A8B1804603	MBLK	AS80007584	CTA25903	30.64			
A8B18046	A8B1804603	MBLK	AS80007584	STA00489	30.64			
A08-7595	A8759501	FS	AS80007585	STA00201	30.15	1.26	5.33	4.4
A8B18046	A8B1804601	MSB	AS80007586	STA00201	30			
A8B18046	A8B1804602	MSBD	AS80007587	STA00201	30.76			
A8B18046	A8B1804603	MBLK	AS80007588	STA00201	30.64			

stAmerica Lab
 te: 06/30/2008
 me: 22:51:02

Organic Prep Log Book
 (3550B) 8081/ 8082 SOILS
 A8B18046

Rept: AN0501

SURROGATE
 Expiration Date: 12/30/08
 Prepared by: BM
 Spiked by: BM
 Witnessed by: _____

1000.00 ul

MATRIX SPIKE
 Expiration Date: 12/31/08
 Prepared by: BM
 Spiked by: BM
 Witnessed by: _____

1000.00 ul

MeCl2:
 Acetone: 61765
 Hexane: 20504
 Na2SO4: 20504
 Conc. H2SO4: 20504

Flans. # Sa13-24

Date Ext/Initials: 7/1/08 CW

Preconc Date/Initials: _____

Cleanup Date/Initials: 7/1/08 CW

Final Conc Date/Initials: 7/1/08 JS

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
108-7730	A8773001	A	FS	AS80007569	PCBS		8082	A00035			ACID	100				N
108-7730	A8773002	|	FS	AS80007570	PCBS		8082	A00035								|
108-7730	A8773003	|	FS	AS80007571	PCBS		8082	A00035								|
108-7730	A8773004	|	FS	AS80007572	PCBS		8082	A00035								|
108-7730	A8773005	|	FS	AS80007573	PCBS		8082	A00035								|
108-7730	A8773006	|	FS	AS80007574	PCBS		8082	A00035								|
108-7730	A8773007	|	FS	AS80007575	PCBS		8082	A00035								|
108-7730	A8773008	|	FS	AS80007576	PCBS		8082	A00035								|
108-7730	A8773009	|	FS	AS80007577	PCBS		8082	A00035								|
108-7730	A8773010	|	FS	AS80007578	PCBS		8082	A00035								|
108-7730	A8773011	|	FS	AS80007579	PCBS		8082	A00035								|
108-7730	A8773012	|	FS	AS80007580	PCBS		8082	A00035								|
108-7730	A8773013	|	FS	AS80007581	PCBS		8082	A00035								|
A8B18046	A8B1804601	|	MSB	AS80007582	PCBS		8082	A00035	A00222							|
A8B18046	A8B1804602	|	MSBD	AS80007583	PCBS		8082	A00035	A00222							|
A8B18046	A8B1804603	|	MBLK	AS80007584	PCBS		8082	A00035								|

2840/4151

D* = Decanted (Y/N)

stAmerica Lab
 te: 06/30/2008
 me: 22:51:02

Organic Prep Log Book
 (3550B) 8081/ 8082 SOILS
 A8B18046

Rept: AN0501

SURROGATE

Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

1000.00 uL

MATRIX SPIKE

Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

1000.00 uL

MeCL2: _____
 Acetone: _____
 Hexane: _____
 Na2SO4: _____
 Conc. H2SO4: _____

Date Ext/Initials: _____

Preconc Date/Initials: _____

Cleanup Date/Initials: _____

Final Conc Date/Initials: _____

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
08-7595	A8759501	A	FS	AS80007585	TCL Pest		8081	A00035			Flas.s.	10.0				N
8B18046	A8B1804601		MSB	AS80007586	TCL Pest		8081	A00035	A00225		f					
8B18046	A8B1804602		MSBD	AS80007587	TCL Pest		8081	A00035	A00225		f					
8B18046	A8B1804603		MELK	AS80007588	TCL Pest		8081	A00035			f					
08-7595	A8759501	A	FS	AS80007429	PCBS		8082	A00035			ACID					N
8B18046	A8B1804601		MSB	AS80007582	PCBS		8082	A00035	A00222		f					
8B18046	A8B1804602		MSBD	AS80007583	PCBS		8082	A00035	A00222		f					
8B18046	A8B1804603		MELK	AS80007584	PCBS		8082	A00035			f					

Acceptance Limits: 30-40 °C Turbovap Temp: 30.6 32.2 30.8 30.0

Entered Initials: CM

Gas Flow Check: OK

Closed Initials: _____

Comments: _____

All 8081 samples were Flashed. CW 7/1/08

2841/4151

D* = Decanted (Y/N)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext./Initials: 07/01/2008 JMB

Preconc Date/Initials:

Cleanup Date/Initials: 07/01/2008 EKD

Final Conc Date/Initials: 07/01/2008 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7691	A8769101	A	FS	AS80007647	TCL Pest		8081	A00035		30.5800		10.00	1.28	7.49	6.37	N
A08-7691	A8769102	A	FS	AS80007648	TCL Pest		8081	A00035		30.8000		10.00	1.29	7.43	5.33	N
A8B18078	A8B1807801		MSB	AS80007649	TCL Pest		8081	A00035	A00225	30.5600		10.00	0.00	0.00	0.00	N
A8B18078	A8B1807802		MSBD	AS80007650	TCL Pest		8081	A00035	A00225	30.4500		10.00	0.00	0.00	0.00	N
A8B18078	A8B1807803		MBLK	AS80007651	TCL Pest		8081	A00035		30.3000		10.00	0.00	0.00	0.00	N
A08-7691	A8769101	A	FS	AS80007652	PCBS		8082	A00035		30.5800		10.00	1.28	7.49	6.37	N
A08-7691	A8769102	A	FS	AS80007653	PCBS		8082	A00035		30.8000		10.00	1.29	7.43	5.33	N
A8B18078	A8B1807801	Z	MSB	AS80007654	PCBS		8082	A00035	A00222	30.8200		10.00	0.00	0.00	0.00	N
A8B18078	A8B1807802	Z	MSBD	AS80007655	PCBS		8082	A00035	A00222	30.4100		10.00	0.00	0.00	0.00	N
A8B18078	A8B1807803	Z	MBLK	AS80007656	PCBS		8082	A00035		30.3000		10.00	0.00	0.00	0.00	N

Comments:

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-7691	A8769101	FS	AS80007647	STA00201	30.58			
A08-7691	A8769102	FS	AS80007648	STA00201	30.8			
A8B18078	A8B1807801	MSB	AS80007649	STA00201	30.56			
A8B18078	A8B1807802	MSBD	AS80007650	STA00201	30.45			
A8B18078	A8B1807803	MBLK	AS80007651	STA00201	30.3			
A08-7691	A8769101	FS	AS80007652	STA00489	30.58			
A08-7691	A8769102	FS	AS80007653	STA00489	30.8			
A8B18078	A8B1807801	MSB	AS80007654	STA00489	30.82			
A8B18078	A8B1807802	MSBD	AS80007655	STA00489	30.41			
A8B18078	A8B1807803	MBLK	AS80007656	STA00489	30.3			

TestAmerica Lab
 Date: 07/01/2008
 Time: 12:16:51

Organic Prep Log Book
 (3550B) 808L, 8082 SOIL
 A8B18078

Rept: AN0501
 CAH 6042
 JMB 7/1/08

SURROGATE A35
 Expiration Date: 12-20-08
 Prepared by: JMB
 Spiked by: JMB
 Witnessed by: _____

MATRIX SPIKE A251422
 Expiration Date: 12-25-08
 Prepared by: EKD BVM
 Spiked by: JMB JMB
 Witnessed by: _____

MeCl2: 02253
 Acetone: 61755
 Hexane: 830660
 Na2SO4: 27.868003
 Conc.H2SO4: 20073060

1000.00 ul
 1000.00 ul

Date Ext/Initials: 7-1-08 JMB Preconc Date/Initials: _____
 Cleanup Date/Initials: 7-1-08 EKD Final Conc Date/Initials: 7-1-08 EKD

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7691	A8769101	A	FS	AS80007647	TCL Pest		8081	A00035			N/A	10.0				N
A08-7691	A8769102	↓	FS	AS80007648	TCL Pest		8081	A00035								
A8B18078	A8B1807801		MSB	AS80007649	TCL Pest		8081	A00035	A00225							
A8B18078	A8B1807802		MSBD	AS80007650	TCL Pest		8081	A00035	A00225							
A8B18078	A8B1807803		MBLK	AS80007651	TCL Pest		8081	A00035								
A08-7691	A8769101	A	FS	AS80007652	PCBS		8082	A00035			ACID					
A08-7691	A8769102	↓	FS	AS80007653	PCBS		8082	A00035								
A8B18078	A8B1807801		MSB	AS80007654	PCBS		8082	A00035	A00222							
A8B18078	A8B1807802		MSBD	AS80007655	PCBS		8082	A00035	A00222							
A8B18078	A8B1807803		MBLK	AS80007656	PCBS		8082	A00035								

Acceptance Limits: 30-40 °C Turbopap Temp: 32.2, 30.8
 Gas Flow Check: JMB

Entered Initials: EKD
 Closed Initials: JMB

Comments: _____

2844/4151

D* = Decanted (Y/N)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 07/07/2008 JMB

Preconc Date/Initials:

Cleanup Date/Initials: 07/07/2008 EKD

Final Conc Date/Initials: 07/07/2008 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7885	A8788504	A	FS	AS80007742	PCBS		8082	A00035		9.8300		10.00	1.27	5.22	4.97	N
A08-7885	A8788517	A	FS	AS80007743	PCBS		8082	A00035		24.9600		10.00	1.34	5.77	5.17	N
A08-7892	A8789201	A	FS	AS80007781	PCBS		8082	A00035		24.0500		10.00	1.30	5.26	4.56	N
A08-7892	A8789202	A	FS	AS80007782	PCBS		8082	A00035		30.0700		10.00	1.30	6.61	4.95	N
A8B18338	A8B1833801	Z	MSB	AS80007783	PCBS		8082	A00035	A00222	30.2600	SULFER	10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802	Z	MBLK	AS80007784	PCBS		8082	A00035		30.8300	SULFER	10.00	0.00	0.00	0.00	N
A8B18338	A8B1833801		MSB	AS80007783	PCBS		8082	A00035	A00222	30.2600		10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802		MBLK	AS80007784	PCBS		8082	A00035		30.8300		10.00	0.00	0.00	0.00	N
A8B18338	A8B1833801	Z	MSB	AS80007783	PCBS		8082	A00035	A00222	30.2600	SULFER	10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802	Z	MBLK	AS80007784	PCBS		8082	A00035		30.8300	SULFER	10.00	0.00	0.00	0.00	N
A08-7940	A8794001	A	FS	AS80007786	PCBS		8082	A00035		30.3100		10.00	1.30	5.88	4.09	N
A08-7940	A8794001MS	A	MS	AS80007787	PCBS		8082	A00035	A00222	30.7000		10.00	1.30	5.88	4.09	N
A08-7940	A8794001SD	A	SD	AS80007788	PCBS		8082	A00035	A00222	30.3300		10.00	1.30	5.88	4.09	N
A08-7940	A8794002	A	FS	AS80007789	PCBS		8082	A00035		30.7700		10.00	1.29	5.14	3.60	N
A08-7940	A8794003	A	FS	AS80007790	PCBS		8082	A00035		30.6000		10.00	1.29	5.80	3.64	Y
A08-7940	A8794004	A	FS	AS80007791	PCBS		8082	A00035		30.8000		10.00	1.31	5.60	3.53	N

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext./Initials: 07/07/2008 JMB

Preconc Date/Initials:

Cleanup Date/Initials: 07/07/2008 EKD

Final Conc Date/Initials: 07/07/2008 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7940	A8794004MS	A	MS	AS80007792	PCBS		8082	A00035	A00222	30.0800		10.00	1.31	5.60	3.53	N
A08-7940	A8794004SD	A	SD	AS80007793	PCBS		8082	A00035	A00222	30.2900		10.00	1.31	5.60	3.53	N
A8B18338	A8B1833801	Z	MSB	AS80007783	PCBS		8082	A00035	A00222	30.2600	SULFER	10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802	Z	MBLK	AS80007784	PCBS		8082	A00035		30.8300	SULFER	10.00	0.00	0.00	0.00	N
A08-7891	A8789101	A	FS	AS80007794	PCBS		8082	A00035		30.1900		10.00	1.30	7.44	7.17	N
A08-7940	A8794001	A	FS	AS80007799	TCL PEST		8081	A00035		30.5600		10.00	1.30	5.88	4.09	N
A08-7940	A8794001MS	A	MS	AS80007800	TCL PEST		8081	A00035	A00225	30.6700		10.00	1.30	5.88	4.09	N
A08-7940	A8794001SD	A	SD	AS80007801	TCL PEST		8081	A00035	A00225	30.3100		10.00	1.30	5.88	4.09	N
A08-7940	A8794002	A	FS	AS80007802	TCL PEST		8081	A00035		30.7700		10.00	1.29	5.14	3.60	N
A08-7940	A8794003	A	FS	AS80007803	TCL PEST		8081	A00035		30.6000		10.00	1.29	5.80	3.64	Y
A08-7940	A8794004	A	FS	AS80007804	TCL PEST		8081	A00035		30.8000		10.00	1.31	5.60	3.53	N
A8B18338	A8B1833801		MSB	AS80007805	TCL PEST		8081	A00035	A00225	30.1400		10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802		MBLK	AS80007806	TCL PEST		8081	A00035		30.8300		10.00	0.00	0.00	0.00	N
A8B18338	A8B1833801		MSB	AS80007805	TCL Pest		8081	A00035	A00225	30.1400		10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802		MBLK	AS80007806	TCL Pest		8081	A00035		30.8300		10.00	0.00	0.00	0.00	N
A08-7988	A8798801	A	FS	AS80007807	TCL Pest		8081	A00035		30.3000		10.00	1.31	6.24	5.51	N

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 0.00 ul

Date Ext/Initials: 07/07/2008 JMB

Preconc Date/Initials:

Cleanup Date/Initials: 07/07/2008 EKD

Final Conc Date/Initials: 07/07/2008 EKD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7988	A8798802	A	FS	AS80007808	TCL Pest		8081	A00035		30.2900		10.00	1.31	6.11	5.18	N
A08-7988	A8798803	A	FS	AS80007809	TCL Pest		8081	A00035		30.6800		10.00	1.32	6.88	6.05	N
A08-7988	A8798804	A	FS	AS80007810	TCL Pest		8081	A00035		30.0700		10.00	1.31	7.82	6.78	N
A08-7988	A8798805	A	FS	AS80007811	TCL Pest		8081	A00035		30.4000		10.00	1.31	5.16	4.31	N
A8B18338	A8B1833801	Z	MSB	AS80007783	PCBS		8082	A00035	A00222	30.2600	SULFER	10.00	0.00	0.00	0.00	N
A8B18338	A8B1833802	Z	MBLK	AS80007784	PCBS		8082	A00035		30.8300	SULFER	10.00	0.00	0.00	0.00	N
A08-7988	A8798802	A	FS	AS80007795	PCBS		8082	A00035		30.2900	SULFER	10.00	1.31	6.11	5.18	N
A08-7988	A8798803	A	FS	AS80007796	PCBS		8082	A00035		30.6800	SULFER	10.00	1.32	6.88	6.05	N
A08-7988	A8798804	A	FS	AS80007797	PCBS		8082	A00035		30.0700	SULFER	10.00	1.31	7.82	6.78	N
A08-7988	A8798805	A	FS	AS80007798	PCBS		8082	A00035		30.4000	SULFER	10.00	1.31	5.16	4.31	N
A08-7988	A8798801	A	FS	AS80007834	PCBS		8082	A00035		30.3000	SULFER	10.00	1.31	6.24	5.51	N

Comments: SAMPLE 7955-01 WAS REMOVED FROM THE BATCH BECAUSE IT IS AN OIL. 7-7-08 JMB
 ALL PESTICIDE SAMPLES WERE FLORISILED. 7-7-08 EKD

JOBNO	LABSAMPID	SAMPTYPE	VIALNO	PRODUCTNO	SAMPWTVOL	DISHWGT	COMBWETWGT	COMBDRYWGT
A08-7885	A8788504	FS	AS80007742	CTA17903	9.83	1.27	5.22	4.97
A08-7885	A8788517	FS	AS80007743	CTA17903	24.96	1.34	5.77	5.17
A08-7892	A8789201	FS	AS80007781	CTA17903	24.05	1.3	5.26	4.56
A08-7892	A8789202	FS	AS80007782	CTA17903	30.07	1.3	6.61	4.95
A8B18338	A8B1833801	MSB	AS80007783	CTA17903	30.26			
A8B18338	A8B1833801	MSB	AS80007783	CTA24513	30.26			
A8B18338	A8B1833801	MSB	AS80007783	CTA25903	30.26			
A8B18338	A8B1833801	MSB	AS80007783	CTA31628	30.26			
A8B18338	A8B1833801	MSB	AS80007783	STA00489	30.26			
A8B18338	A8B1833802	MBLK	AS80007784	CTA17903	30.83			
A8B18338	A8B1833802	MBLK	AS80007784	CTA24513	30.83			
A8B18338	A8B1833802	MBLK	AS80007784	CTA25903	30.83			
A8B18338	A8B1833802	MBLK	AS80007784	CTA31628	30.83			
A8B18338	A8B1833802	MBLK	AS80007784	STA00489	30.83			
A08-7955	A8795501	FS	AS80007785	CTA24513	0	0	0	4.09
A08-7940	A8794001	FS	AS80007786	CTA25903	30.31	1.3	5.88	
A08-7940	A8794001MS	MS	AS80007787	CTA25903	30.7			
A08-7940	A8794001SD	SD	AS80007788	CTA25903	30.33			
A08-7940	A8794002	FS	AS80007789	CTA25903	30.77	1.29	5.14	3.6
A08-7940	A8794003	FS	AS80007790	CTA25903	30.6	1.29	5.8	3.64
A08-7940	A8794004	FS	AS80007791	CTA25903	30.8	1.31	5.6	3.53
A08-7940	A8794004MS	MS	AS80007792	CTA25903	30.08			
A08-7940	A8794004SD	SD	AS80007793	CTA25903	30.29			
A08-7891	A8789101	FS	AS80007794	CTA31628	30.19	1.3	7.44	7.17
A08-7988	A8798802	FS	AS80007795	STA00489	30.29			
A08-7988	A8798803	FS	AS80007796	STA00489	30.68			
A08-7988	A8798804	FS	AS80007797	STA00489	30.07			
A08-7988	A8798805	FS	AS80007798	STA00489	30.4			
A08-7940	A8794001	FS	AS80007799	CTA39612	30.56			
A08-7940	A8794001MS	MS	AS80007800	CTA39612	30.67			
A08-7940	A8794001SD	SD	AS80007801	CTA39612	30.31			
A08-7940	A8794002	FS	AS80007802	CTA39612	30.77			
A08-7940	A8794003	FS	AS80007803	CTA39612	30.6			
A08-7940	A8794004	FS	AS80007804	CTA39612	30.8			
A8B18338	A8B1833801	MSB	AS80007805	CTA39612	30.14			
A8B18338	A8B1833801	MSB	AS80007805	STA00201	30.14			

A8B18338	A8B1833802	MBLK	AS80007806	CTA39612	30.83	1.31	6.24	5.51
A8B18338	A8B1833802	MBLK	AS80007806	STA00201	30.83	1.31	6.11	5.18
A08-7988	A8798801	FS	AS80007807	STA00201	30.3	1.32	6.88	6.05
A08-7988	A8798802	FS	AS80007808	STA00201	30.29	1.31	7.82	6.78
A08-7988	A8798803	FS	AS80007809	STA00201	30.68	1.31	5.16	4.31
A08-7988	A8798804	FS	AS80007810	STA00201	30.07	1.31		
A08-7988	A8798805	FS	AS80007811	STA00201	30.4			
A08-7988	A8798801	FS	AS80007834	STA00489	30.3			

TestAmerica Lab
 Date: 07/07/2008
 Time: 14:01:50

Organic Prep Log Book
 (3550B) 8082/8081 SOILS
 A8B18338

Rept: AN0501
 CWH 6022

SURROGATE A35
 Expiration Date: 12-26-08
 Prepared by: SM
 Spiked by: JMB
 Witnessed by: _____

MATRIX SPIKE A00/A005
 Expiration Date: 12-25-08 / 10-10-08
 Prepared by: SM / ERD
 Spiked by: JMB / JMB
 Witnessed by: _____

Florisil: Sa13-24
 MeCl2: _____
 Acetone: 617555
 Hexane: 620460
 Na2SO4: 37848003
 Conc. H2SO4: 30073060

1000.00 ul

1000.00 ul

Date Ext/Initials: 07/07/2008 ERD/JMB

Preconc Date/Initials: _____

Cleanup Date/Initials: 07/07/2008 ERD

Final Conc Date/Initials: 07/07/2008 ERD

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (mL)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7885	A8788504	A	FS	AS80007742	PCBS		8082	A00035			ACID	10.0				IV
A08-7885	A8788517	|	FS	AS80007743	PCBS		8082	A00035			|	|				|
A08-7892	A8789201	|	FS	AS80007781	PCBS		8082	A00035			|	|				|
A08-7892	A8789202	|	FS	AS80007782	PCBS		8082	A00035			|	|				|
A8B18338	A8B1833801	|	MSB	AS80007783	PCBS		8082	A00035	A00222		|	|				|
A8B18338	A8B1833802	|	MBLK	AS80007784	PCBS		8082	A00035	A00222		|	|				|
A8B18338	A8B1833801	|	MSB	AS80007783	PCBS		8082	A00035	A00222		|	|				|
A8B18338	A8B1833802	|	MBLK	AS80007784	PCBS		8082	A00035	A00222		|	|				|
A08-7955	A8795501	|	FS	AS80007785	PCBS		8082	A00035			|	10.0				IV
A8B18338	A8B1833801	|	MSB	AS80007783	PCBS		8082	A00035	A00222		|	|				|
A8B18338	A8B1833802	|	MBLK	AS80007784	PCBS		8082	A00035	A00222		|	|				|
A08-7940	A8794001	|	FS	AS80007786	PCBS		8082	A00035			|	|				|
A08-7940	A8794001MS	|	MS	AS80007787	PCBS		8082	A00035	A00222		|	|				|
A08-7940	A8794001SD	|	SD	AS80007788	PCBS		8082	A00035	A00222		|	|				|
A08-7940	A8794002	|	FS	AS80007789	PCBS		8082	A00035	A00222		|	|				|
A08-7940	A8794003	|	FS	AS80007790	PCBS		8082	A00035	A00222		|	|				|

2850/4151

D* = Decanted (Y/N)

TestAmerica Lab
 Date: 07/07/2008
 Time: 14:01:50

Organic Prep Log Book
 (3550B) 8082/8081 SOILS
 A8B18338

Rept: AN0501

SURROGATE

Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

MATRIX SPIKE

Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

1000.00 ul

0.00 ul

MeCl2:
 Acetone:
 Hexane:
 Na2SO4:
 Conc. H2SO4:

Date Ext/Initials: 07/07/2008 _____

Preconc Date/Initials: _____

Cleanup Date/Initials: 07/07/2008 _____

Final Conc Date/Initials: 07/07/2008 _____

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7940	A8794004	A	FS	AS80007791	PCBS		8082	A00035			Acid	10.0				N
A08-7940	A8794004MS	+	MS	AS80007792	PCBS		8082	A00035	A00222							
A08-7940	A8794004SD	+	SD	AS80007793	PCBS		8082	A00035	A00222							
A8B18338	A8B1833801	-	MSB	AS80007783	PCBS		8082	A00035	A00222							
A8B18338	A8B1833802	-	MBLK	AS80007784	PCBS		8082	A00035								
A08-7891	A8789101	A	FS	AS80007794	PCBS		8082	A00035			↓					
A08-7940	A8794001	+	FS	AS80007799	TCL PEST		8081	A00035			Florisil					
A08-7940	A8794001MS	+	MS	AS80007800	TCL PEST		8081	A00035	A00225							
A08-7940	A8794001SD	+	SD	AS80007801	TCL PEST		8081	A00035	A00225							
A08-7940	A8794002	+	FS	AS80007802	TCL PEST		8081	A00035								
A08-7940	A8794003	+	FS	AS80007803	TCL PEST		8081	A00035								
A08-7940	A8794004	+	FS	AS80007804	TCL PEST		8081	A00035								
A8B18338	A8B1833801	-	MSB	AS80007805	TCL PEST		8081	A00035	A00225							
A8B18338	A8B1833802	-	MBLK	AS80007806	TCL PEST		8081	A00035								
A8B18338	A8B1833801	-	MSB	AS80007805	TCL PEST		8081	A00035	A00225							
A8B18338	A8B1833802	-	MBLK	AS80007806	TCL PEST		8081	A00035								

2851/4151

D* = Decanted (Y/N)

SURROGATE
 Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

MATRIX SPIKE
 Expiration Date: _____
 Prepared by: _____
 Spiked by: _____
 Witnessed by: _____

MeCl2: _____
 Acetone: _____
 Hexane: _____
 Na2SO4: _____
 Conc. H2SO4: _____

1000.00 ul

0.00 ul

Date Ext/Initials: 07/07/2008 _____

Preconc Date/Initials: _____

Cleanup Date/Initials: 07/07/2008 _____

Final Conc Date/Initials: 07/07/2008 _____

SOLID EXTRACTIONS

Job Number	Sample ID	BT ID	Samp Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Sample Weight (g)	Clean Up	Final Volume (ml)	Dish Wght	Comb Wet	Comb Dry	D*
A08-7988	A8798801	A	FS	AS80007807	TCL, Pest		8081	A00035			Fibril	10.0				N
A08-7988	A8798802	+	FS	AS80007808	TCL, Pest		8081	A00035								
A08-7988	A8798803	+	FS	AS80007809	TCL, Pest		8081	A00035								
A08-7988	A8798804	+	FS	AS80007810	TCL, Pest		8081	A00035								
A08-7988	A8798805	+	FS	AS80007811	TCL, Pest		8081	A00035								
A8B18338	A8B1833801	+	MSB	AS80007783	PCBS		8082	A00035	A00222							
A8B18338	A8B1833802	+	MBLK	AS80007784	PCBS		8082	A00035			ACID					
A08-7988	A8798802	+	FS	AS80007795	PCBS		8082	A00035								
A08-7988	A8798803	+	FS	AS80007796	PCBS		8082	A00035								
A08-7988	A8798804	+	FS	AS80007797	PCBS		8082	A00035								
A08-7988	A8798805	+	FS	AS80007798	PCBS		8082	A00035								
A08-7988	A8798801	+	FS	AS80007834	PCBS		8082	A00035								

2852/4151

Acceptance Limits: 30-40 °C Turbopvap Temp: 30, 32, 30, 8, 30, 0

Entered Initials: JMB

Gas Flow Check: EKD

Closed Initials: EKD

Comments: sample 7955-01 was removed from the batch because it is an oil. 4-7-08 JMB
 all pesticide samples were analyzed. EKD 7-7-08

D* = Decanted (Y/N)

Test America Buffalo
GC Extractable INJECTION LOGBOOK

Columns: A/B 20-5 1 8/35
Sequence 24

Instrument ID: HP 6890-7
Logbook # A07-18-05

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
4/24/00	IBUR	ICM 306 CB			59	✓	↓	A Clean B Clean
4/24/00	—	PRIMER			60	—		
	CEU	ICM 46UK 0.5						152 A ↑ 361 B ↑ 362 B ↑ 363
	CEU	ICM 54 BA 0.5						A ↑ B ↑
	CEU	ICM 48XA 0.5						A ↑ B ↑
	CEU	ICM 42 YB 0.5			65			A ↑ B ↑
	CEU	ICM 32 MA 0.5						A ↑ B ↑
	CEU	ICM 21 XA 0.5						A ↑ B ↑
	CEU	ICM 62 FA 0.5						A ↑ B ↑
	CEU	ICM 48 JA 0.5						A ↑ B ↑
	IBUR	ICM 306 CB			70			A CLEAN B CLEAN
6/23/08 JR	—	PRIMERS			71-80			
	ICAL	ICM 21 XA 0.5						
	ACM	ACM 21 WA 0.6						
	ICAL	ICM 32 MA 0.5						
	ACM	ACM 32 HA 0.6						
	ICAL	ICM 42 YB 0.5			85			
	ACM	ACM 42 UA 0.6						
	ICAL	ICM 48 XA 0.5						
	ACM	ACM 48 SA 0.6						
	ICAL	ICM 54 BA 0.5						
	ACM	ACM 54 AA 0.6			90			
	ICAL	ICM 62 FA 0.5						
	ACM	ACM 62 FA 0.6						
	ICAL	ICM 68 JA 0.5						
	ACM	ACM 68 FA 0.6			94			

Test America Buffalo

GC Extractable INJECTION LOGBOOK

Sequence 704

Instrument ID: HP 6890-7
Logbook # A07-18-05

Columns: A/B 205 1: 2035

7D67

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
6/23/08 JB	TCAL	ICM 66 VB 30			45			
		VC 10						
		VK 0.5						
		VB 0.25						
		VF 0.1						
		VE 0.05			100			
		VE 0.025						
	ACM	ACM 66 KB 0.6						A OK B OK
	CCU	ICM 66 VK 0.5						A OK B OK
		ICM 84 BA 0.5						A OK B OK
		ICM 48 MA 0.5			105			A OK B OK
		ICM 42 YB 0.5						A OK B OK
		ICM 32 MA 0.5						A OK B OK
		ICM 21 MA 0.5						A OK B OK
		ICM 62 FA 0.5						A OK B OK
		ICM 68 JA 0.5			110			A OK B OK
	BLK	ICM 3 PL 0.03						A CLEAN B CLEAN
		PRIN 72						
		ICM 66 VF 0.1			01	(Seq 62)		Per. RT/SIA - F-TICAL
	CCU	ICM 66 VK 0.5						A OK B OK
	JPK	ICM 3 PL 0.1						A CLEAN B CLEAN
	QC	AS80006488.MSB						NEW SCHEDULE 62
		AS80006489.MBLK			05			
		06469	20					
		06470	100		10			
		06471	10		5			
		06472	10		6/24/08 8/12			

Reviewed By: Date:

000093

Rev.0 12/20/2007

GC Extractable INJECTION LOGBOOK

Instrument ID: HP 5890-12
 Logbook # A07-18-03

Columns: A/B 2/3-5 / 2A-3J

Sequence/LQ 20/2

2855/4151

Operator & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
12/18/07		primers			183-248			
2408 AS		primers			1-10			New sequence 21
	ICAL	ICM21WA 0.5			11			A OK
	ACM	ICM21WA 0.6						A OK
	ICAL	ICM32LA 0.5						A OK
	ACM	ACM32GA 0.6						A OK
	ICAL	ICM42XA 0.5			15			A OK
	ACM	ACM42TA 0.6						A OK
	ICAL	ICM48WA 0.5						A OK
	ACM	ACM48RA 0.6						A OK
	ICAL	ICM54AA 0.5			20			A OK
	ACM	ACM54YA 0.6						A OK
	ICAL	ICM62EA 0.5						A OK
	ACM	ACM62EA 0.6						A OK
	ICAL	ICM68TA 0.5						A OK
	ACM	ACM68EA 0.6						A OK
	ICAL	ICM66TC 2.0			25			A OK
		TD 1.0						
		UA 0.5						
		TE 0.25						
		TF 0.1						
		TG 0.05			30			
		TE 0.025						
	ACM	ACM66JB						A OK
	CCV	ICM66WA						A OK
		ICM54AA						A OK
		ICM48WA			35			A OK

GC Extractable INJECTION LOGBOOK

000160

Instrument ID: HP 5890-12
Logbook # A07-18-03

Columns: A / B 2D5 / 2B35

Sequence 12D35

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
7/5/08	CC	AS 80007671 MSB			174		(A)	
		07672 MSB			175			
	7885	07673 MSB						
		07674						
		1409MS						
	7885	AS 80007670						
		HEXANE			180			
		HEXANE						
		HEXANE						
	CC	ICM 66 VL 0.5						-242 A-10/12/08 B-10/12/08 Blank A-10/12/08 B-10/12/08 A-CLEAN B-CLEAN A-CLEAN-35
7/7/08	INK	ICM 3PL 0.03			01			
		PRIMER						
	CC	ICM 66 VL 0.5						A OK B OK
	CC	ICM 54 BA 0.5						A OK B OK
	CC	ICM 48XA 0.5			05			A OK B OK
	CC	ICM 42 YB 0.5						A OK B OK
	CC	ICM 32 MA 0.5						A OK B OK
	CC	ICM 21XA 0.5						A OK B OK
	CC	ICM 62 FA 0.5						A OK B ↑
	CC	ICM 68 JA 0.5			10			A OK B ↑
	INK	ICM 3 PL 0.03						A-CLEAN B-CLEAN
		PRIMER						
7/8/08	CC	ICM 66 VL 0.5						A OK B OK
	INK	ICM 3PL 0.03			15			A-CLEAN B-CLEAN
	CC	AS 80007783 MSB		CC-4	14			

2856/4151

GC Extractable INJECTION LOGBOOK

2857/4151

Sequence 22035

Columns: A/B 3035 / 2035

Instrument ID: HP 5890-12
 Logbook # A07-18-03

Operator	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
W/S/ATB	GC	A580007784 MALK		Cut	17		A	
	7940	07782						
		07787MS						
		07788SD			20			
		07789						
		07790						
		07791						
		07792MS						
		07793SD			25			
	CCU	ICM 66 VL 0.5						A OK B OK
	LARK	ICM 300 003						A CLEAN D CLEAN
	7891	A580007784						
	7988	07795		Cut				
		07796		Cut	30			
		07797		Cut				
		07798		Cut				
		07834		Cut				
	CCU	ICM 66 VL 0.5						A OK B OK
	LARK	ICM 300 003			35			A CLEAN D CLEAN
	7885	A580007742	10	Cut				
		HORMS						
	7885	A580007743	2	Cut				
		HORMS						
	7892	A580007781	100		40			
		HORMS						
	7892	A580007782	20		43			
		HORMS						

000161

Reviewed By: _____ Date: _____

GC Extractable INJECTION LOGBOOK

Sequence 2042

2858/4151

Columns: A / B 205 / 2035

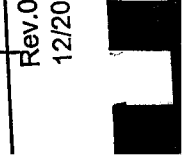
Job # & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
7400	FB1K	ICM 302 0.5			84		(A)	A CLEAN B CLEAN NORM CUT
7400		AS80007413		Cut				
		07454		Cut				
		07485		Cut	92			
		07456		Cut				
		07457						A OK B OK P CLEAN B CLEAN
		ICM 66 VL 0.5						
		ICM 302 0.5						
		PRIMER						
		ICM 66 VL 0.5						A OK B OK P CLEAN B CLEAN
		ICM 302 0.5		Cut				
7480		AS80007444		Cut				
7400		07411		Cut	100		APD	NORM AT SHIFT A OK B OK
		07413		Cut				A CLEAN B CLEAN
		ICM 66 VL 0.5						
		ICM 302 0.5		Cut			(B)	
		AS80007604 MSD		Cut				
		0755 MSD		Cut	105			
		0756 MSD		Cut				
		07652		Cut				
		07653		Cut				15.4 A OK, MAX B OK A CLEAN B CLEAN
		ICM 66 VL 0.5						
		ICM 302 0.5						
		PRIMER						
		ICM 66 VL 0.5			110			213 335
		PRIMER						A OK, MAX B OK A CLEAN B CLEAN
		ICM 66 VL 0.5						
		PRIMER			112			213 335 A OK, MAX B OK A CLEAN B CLEAN

Reviewed By: _____ Date: _____

000104

Rev.0
12/20/2007

12/20/2007



GC Extractable INJECTION LOGBOOK

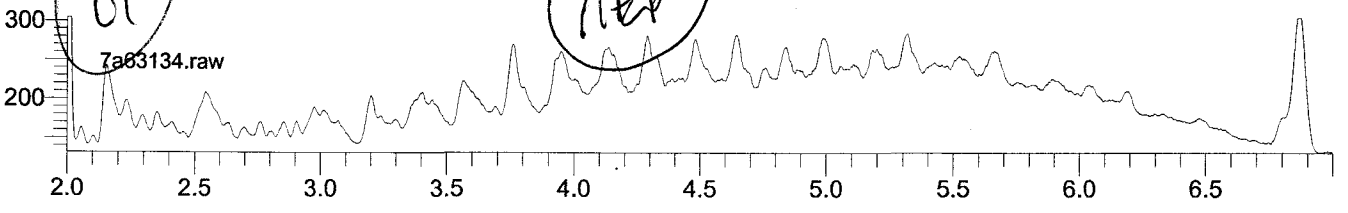
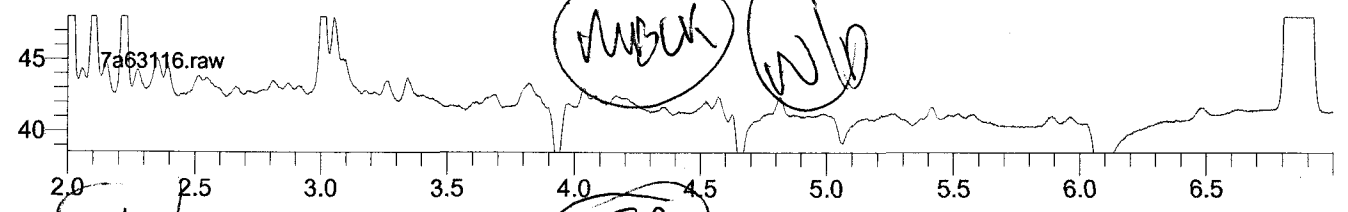
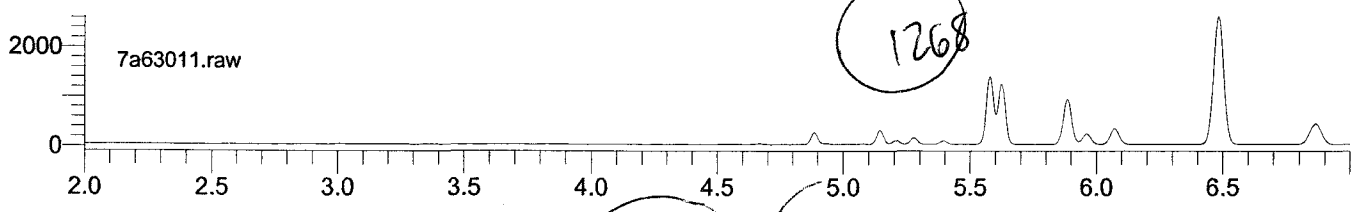
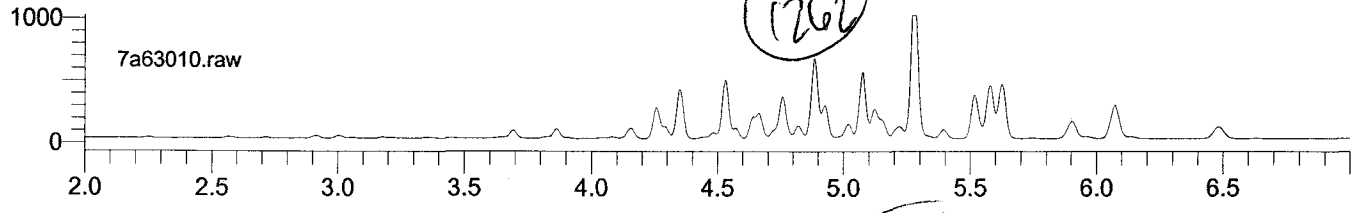
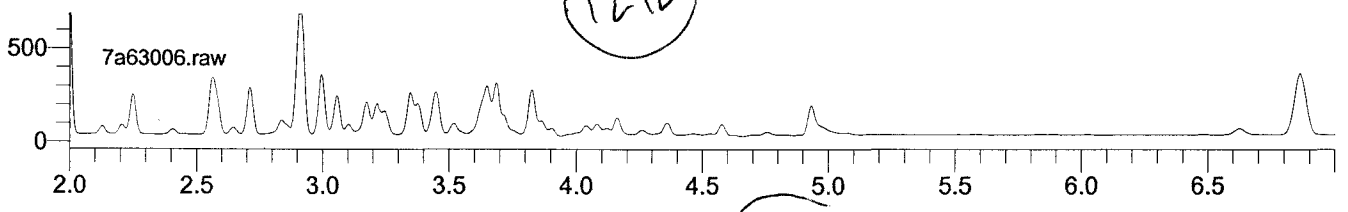
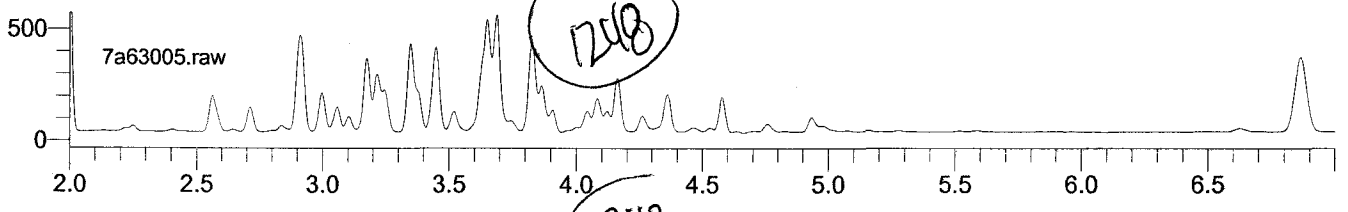
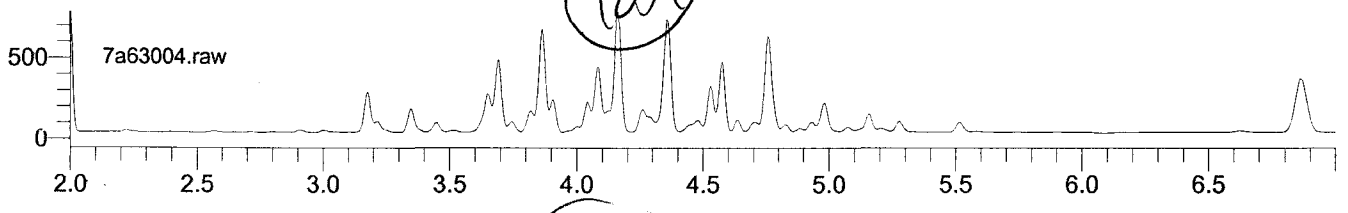
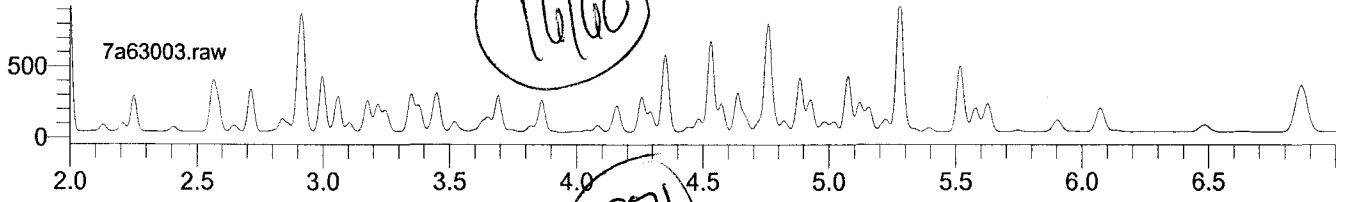
Instrument ID: HP 6890-7
Logbook # A07-18-05

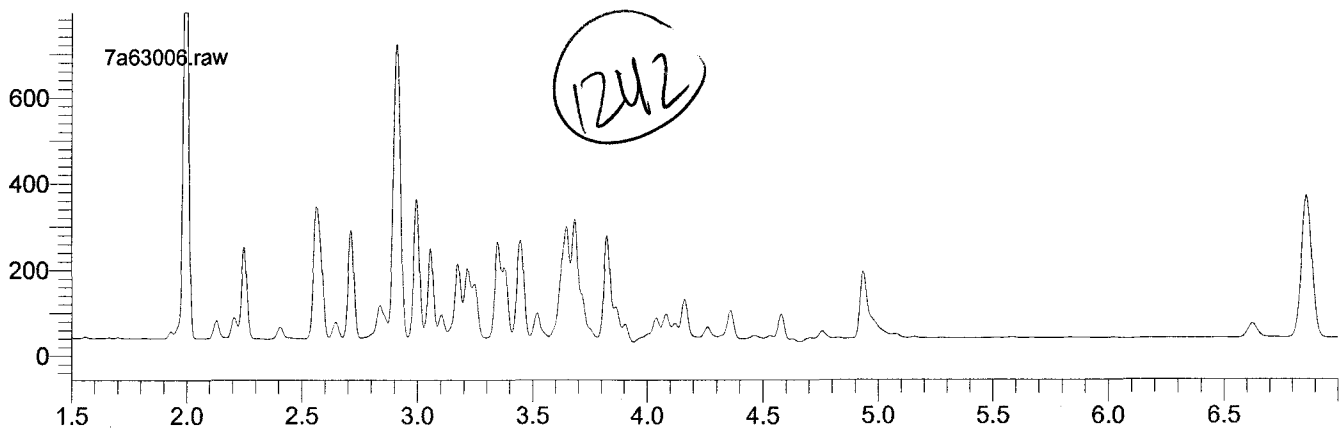
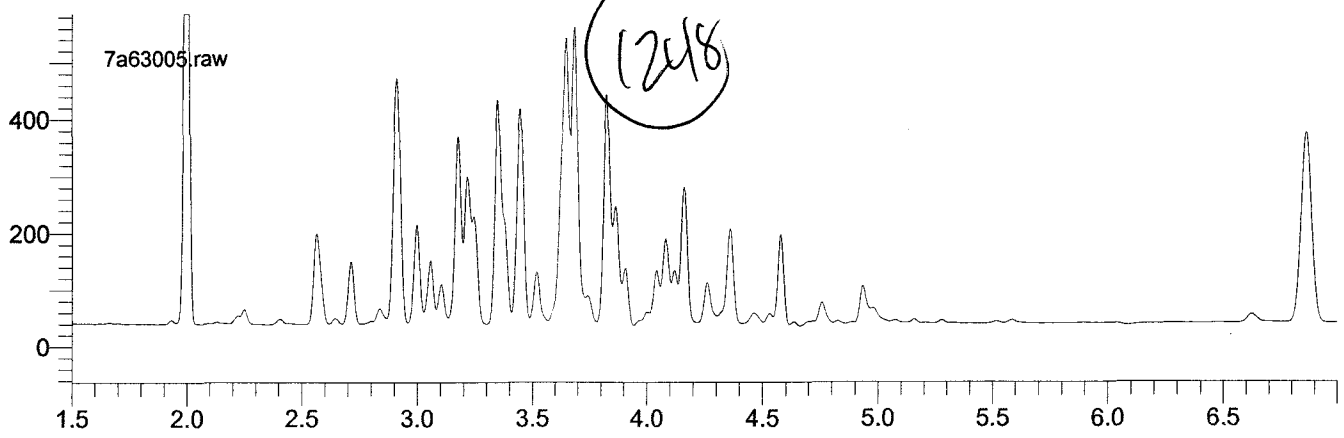
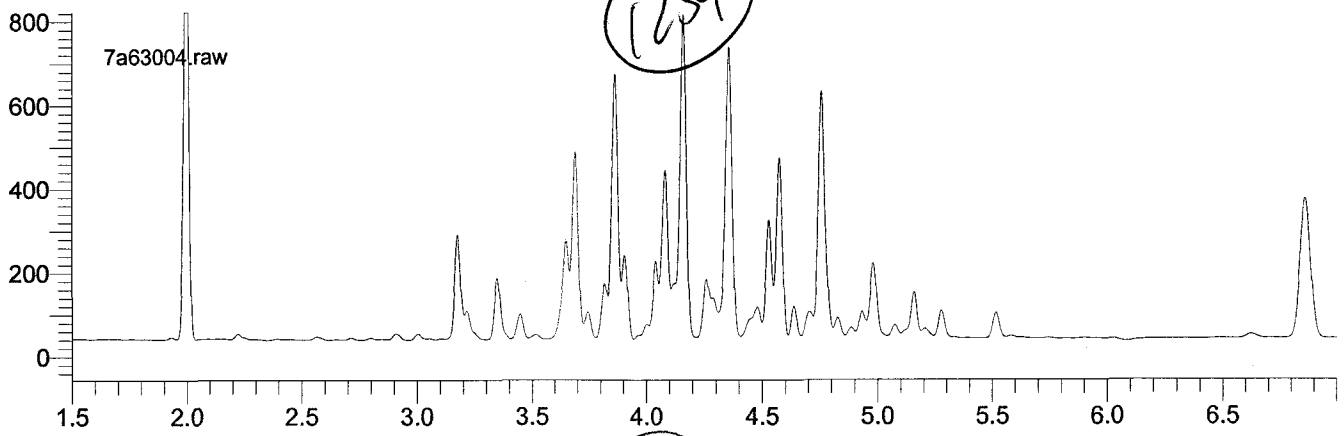
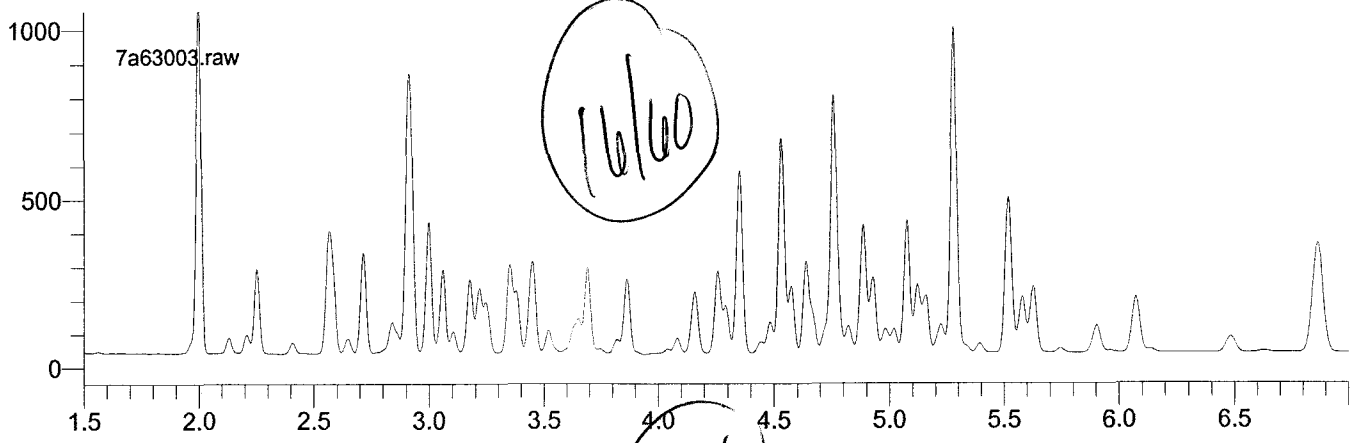
Columns: A/B 2B-5 / 2B-35

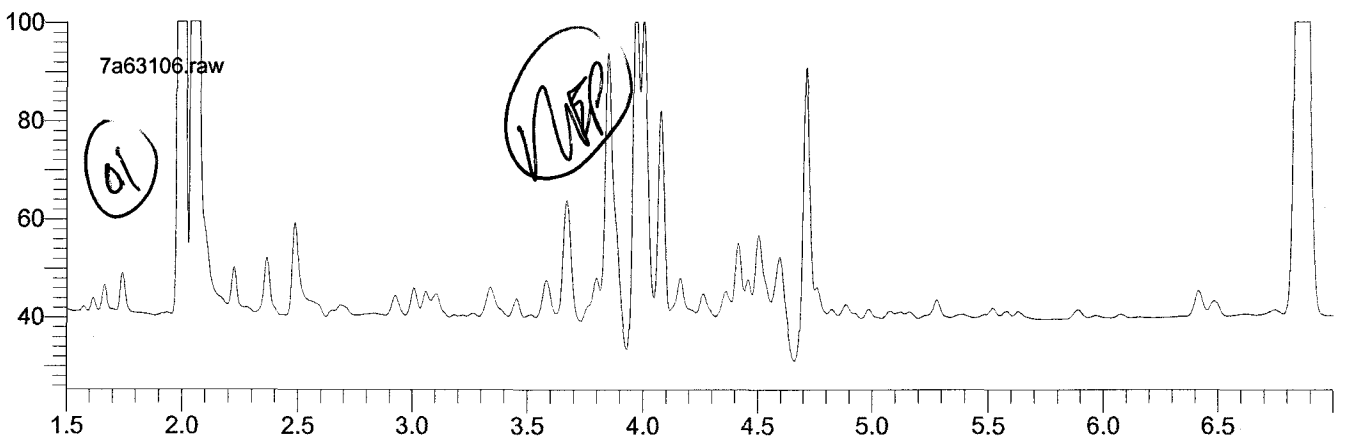
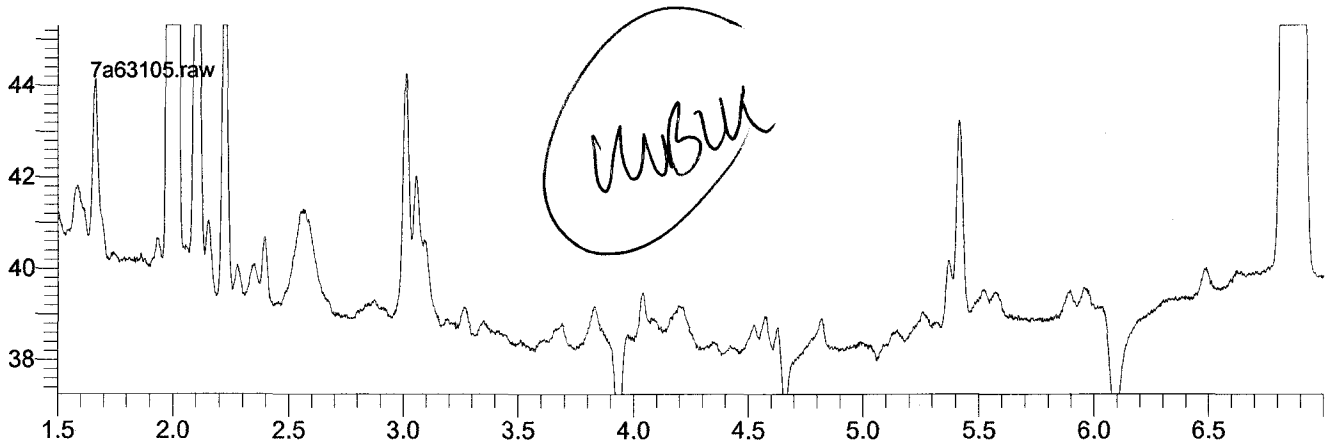
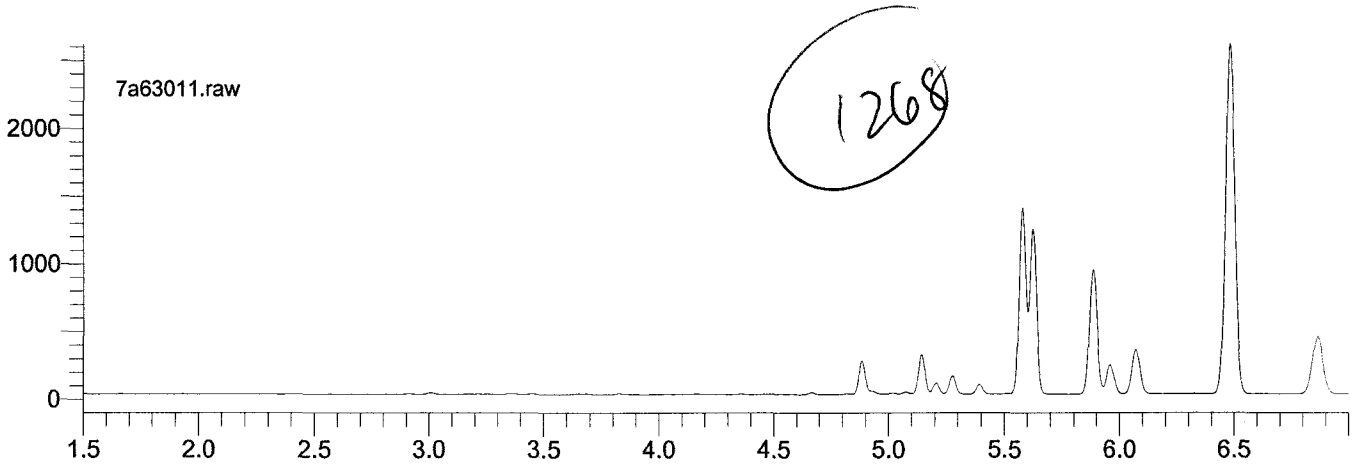
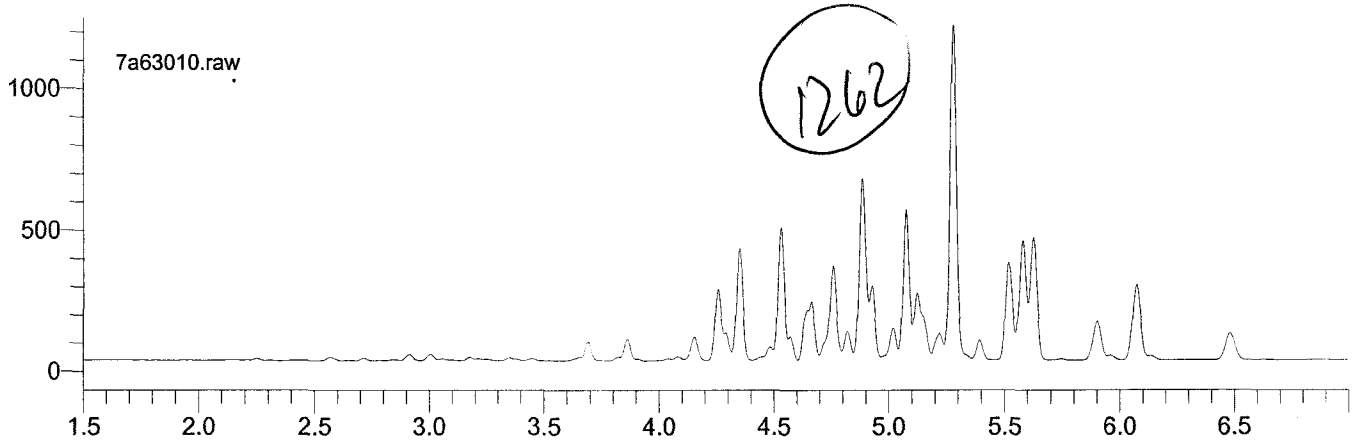
Sequence 7D43

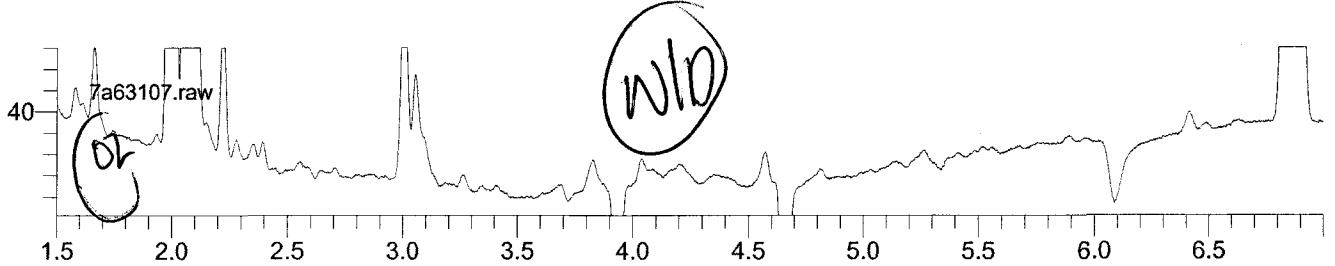
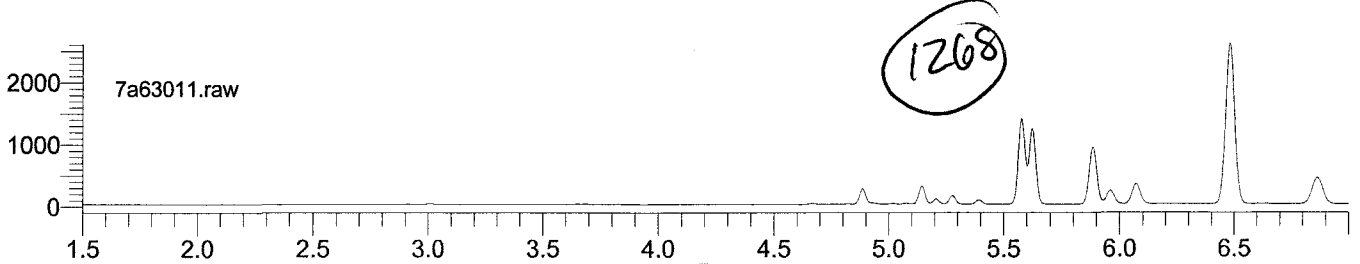
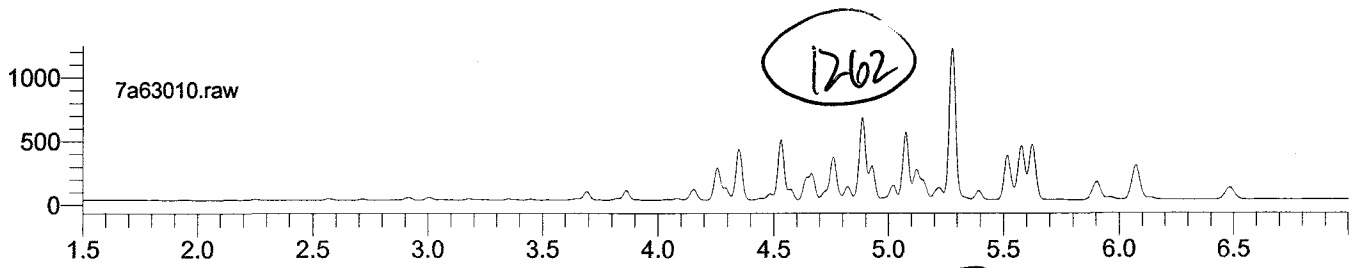
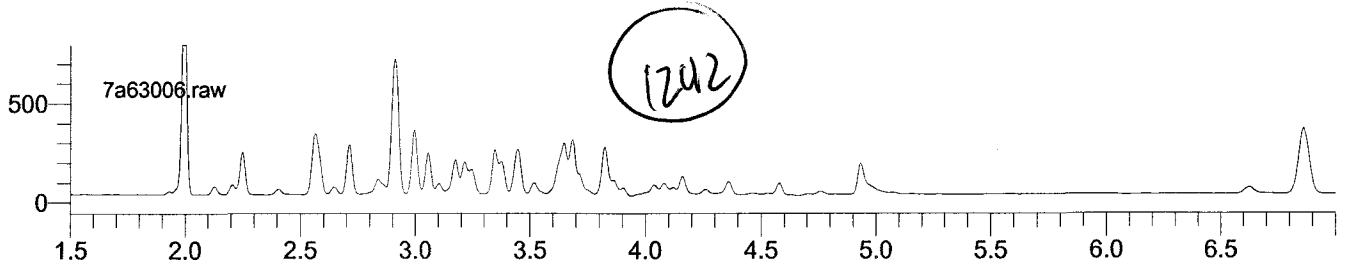
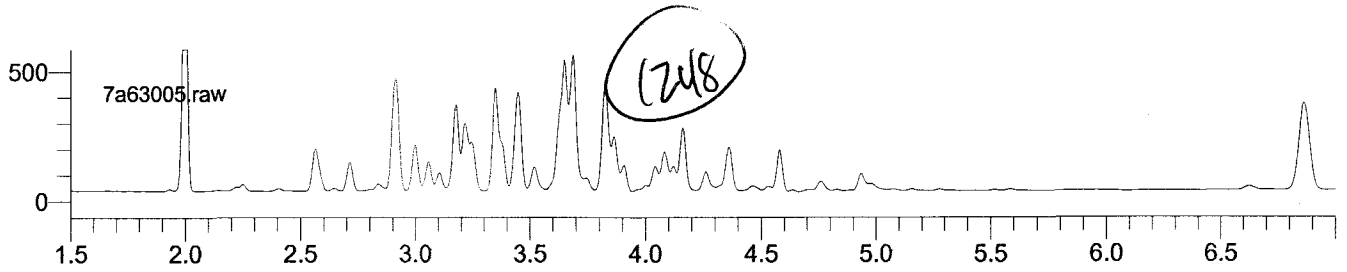
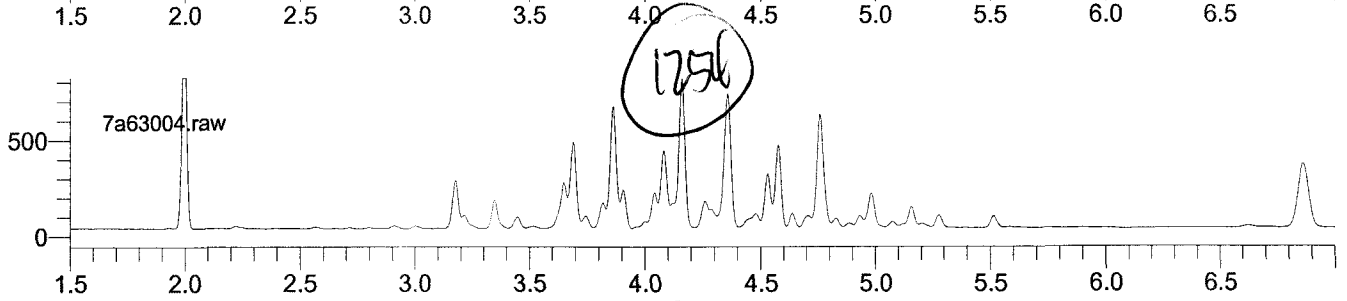
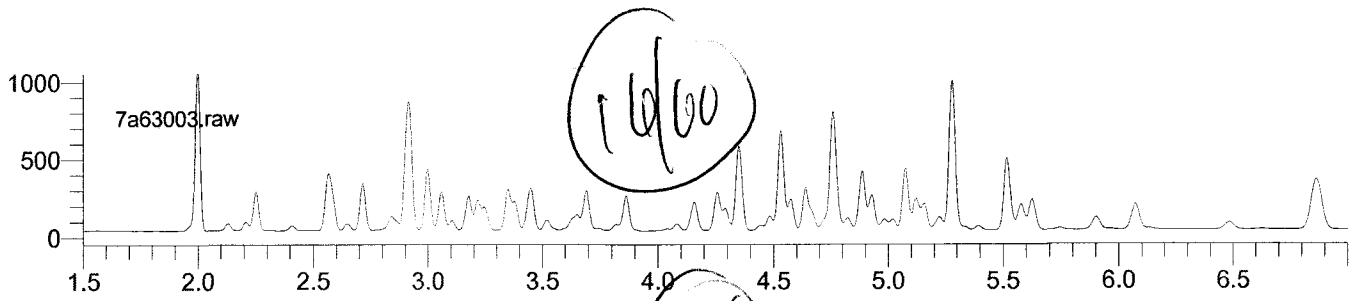
Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
7/18/08	TDK	ICM 3DL 0.03		Cut	113		(B)	A-CLEAN B-CLEAN
	CC	A580007582 MSND		Cut	115			
		07583 MSND		Cut				
		07584 MARK		Cut				
	7730	07569		Cut				
		07570		Cut				
		07571		Cut				
		07572		Cut	120			
		07573		Cut				
		07574		Cut				
		07575		Cut				218 360
	CCV	ICM 46 VL 0.5						A-CLEAN B-CLEAN
	TDK	ICM 3 DL 0.03			125			A-CLEAN B-CLEAN
	7730	A580007576		Cut				
		07577		Cut				
		07578		Cut				
		07579		Cut				
		07580		Cut	130			
		07581		Cut				242 380
	CCV	ICM 46 VL 0.5						A-CLEAN B-CLEAN
	TDK	ICM 3 DL 0.03						A-CLEAN B-CLEAN
	7595	A580007429		Cut				
		HEPANE			135			
		HEPANE						
		HEPANE						
	CCV	ICM 46 VL 0.5						229 372
	TDK	ICM 3 DL 0.03						A-CLEAN B-CLEAN

2859/4151

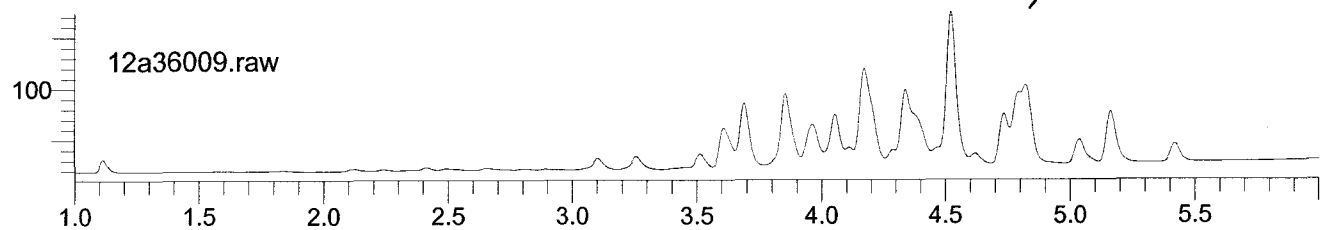
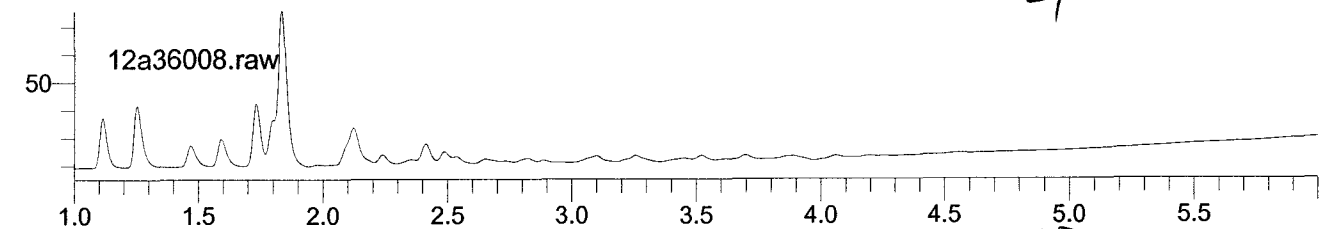
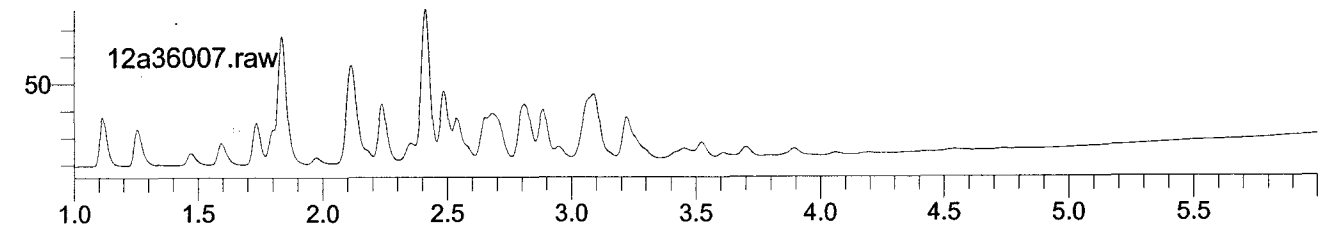
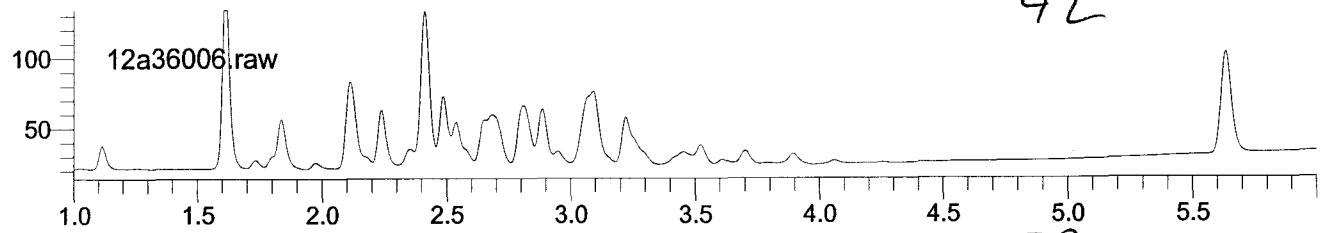
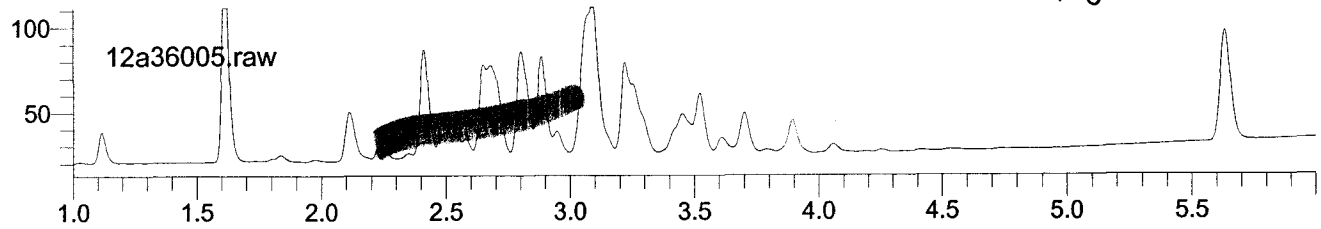
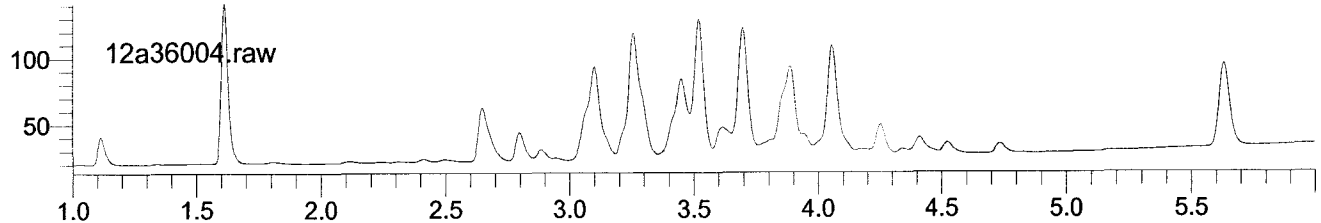
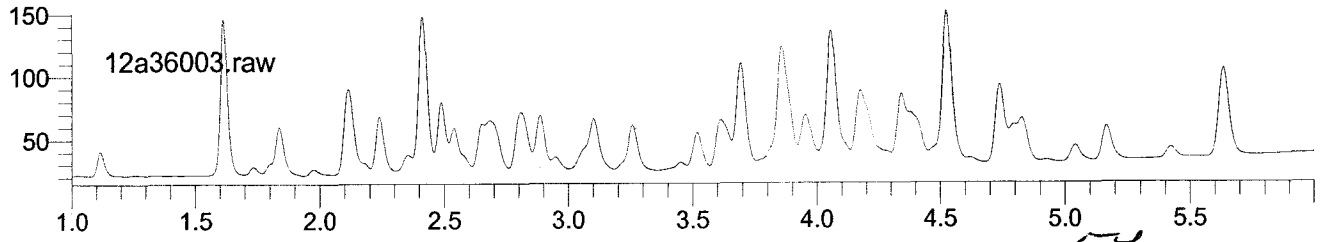




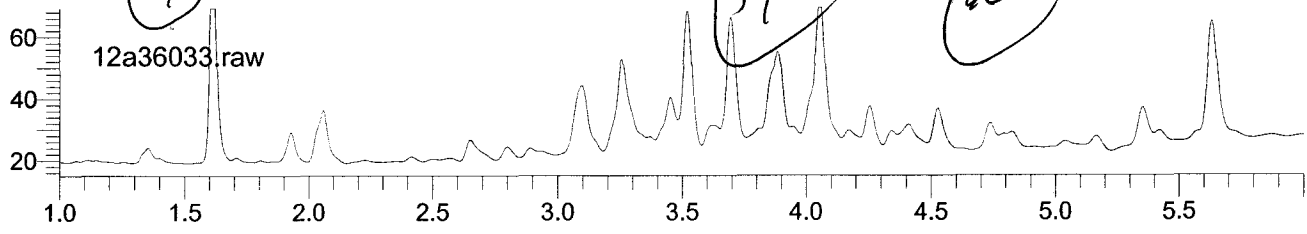
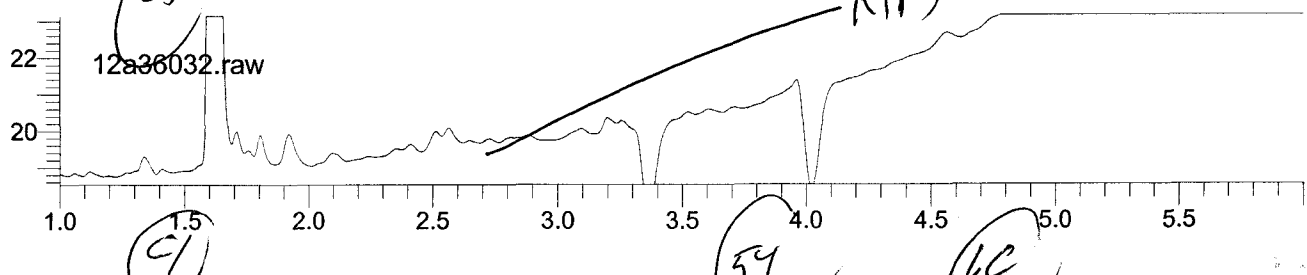
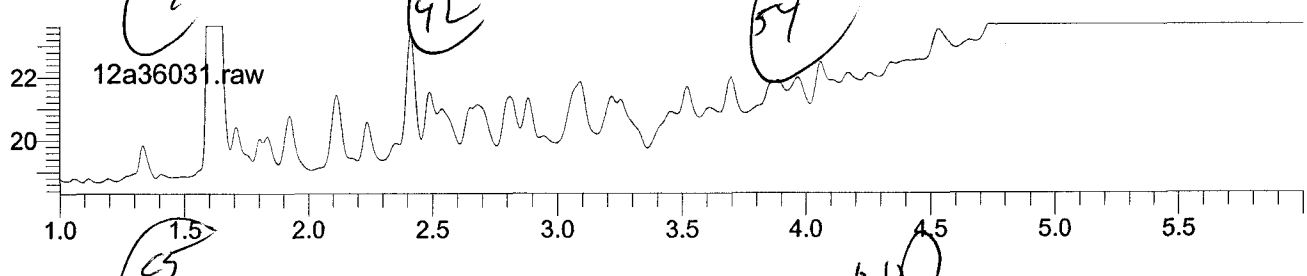
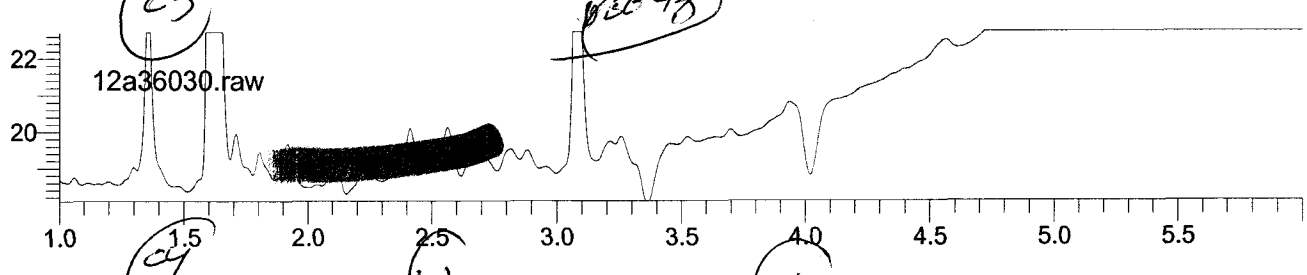
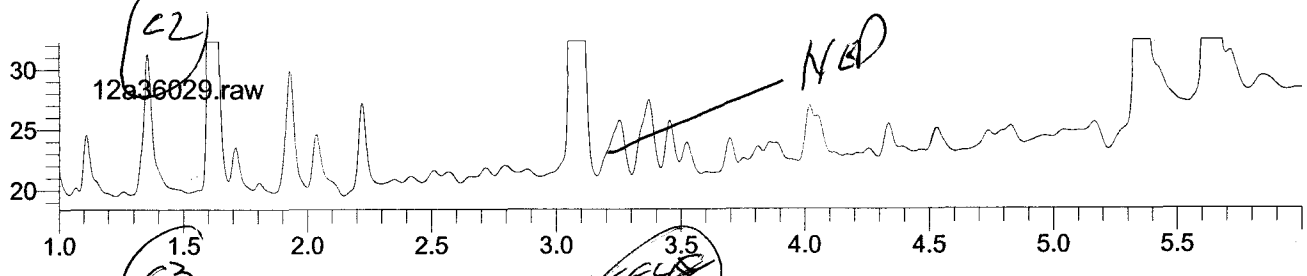
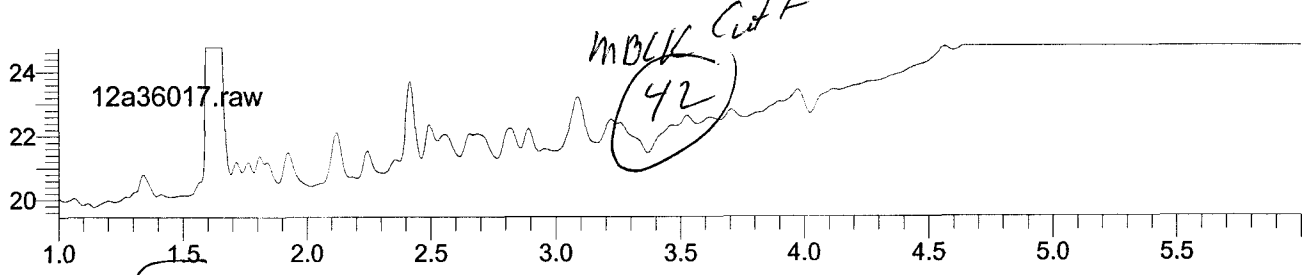
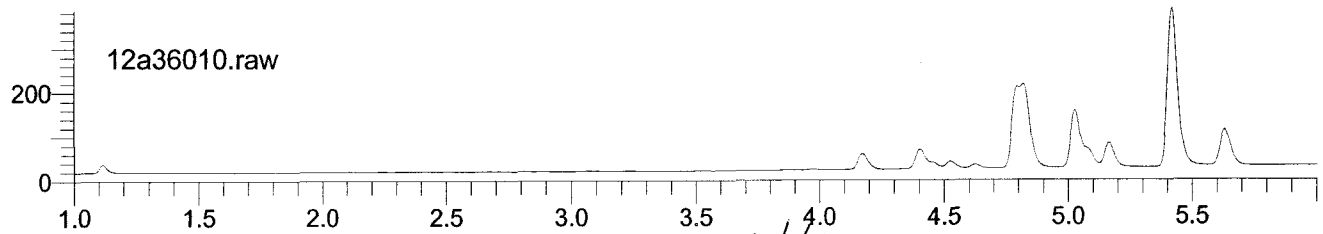




1014



58

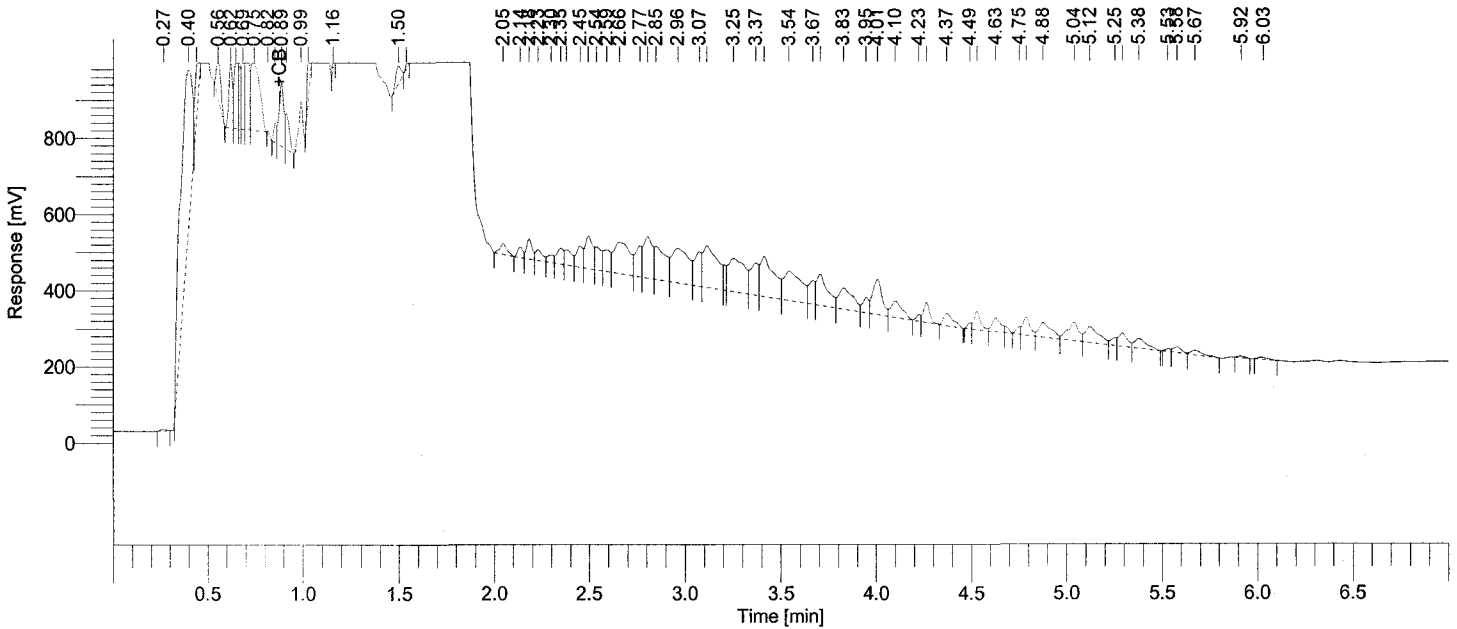


A8018044

SLAN

Software Version : 6.2.1.0.104:0104 Date : 07/02/2008 13:16:12
 Reprocess Number : buf2042: 200372
 Operator : tchrom Sample Name : AS80007429
 Sample Number : Study :
 AutoSampler : NONE Rack/Vial : 0/0
 Instrument Name : HP5890-16 Channel : A
 Interface Serial # : 3090270361 A/D mV Range : 1000
 Delay Time : 0.00 min End Time : 7.00 min
 Sampling Rate : 16.6660 pts/s
 Sample Volume : 1.000000 uL Area Reject : 1000.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00
 Data Acquisition Time : 07/02/2008 11:19:23 Cycle : 1

Raw Data File : H:\TURBO6\5890-16\16a94005.raw <Modified>
 Result File : H:\TURBO6\5890-16\16a94005.rst
 Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16a94005.raw
 Proc Method : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94005.rst
 Calib Method : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94005.rst
 Report Format File: h:\turbo6\5890-16\16screen.rpt
 Sequence File : H:\TURBO6\5890-16\16D94.seq



PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.25		0	841410	AR1242	0.22724	0
	1.65		0	353465	AR1248	0.06496	0
	2.15		0	1236643	AR1254	0.22277	0
	2.65		1	3169349	AR1260	0.53478	1
				5600866			

Handwritten notes:
 ST/HAL
 Cutt REBORN

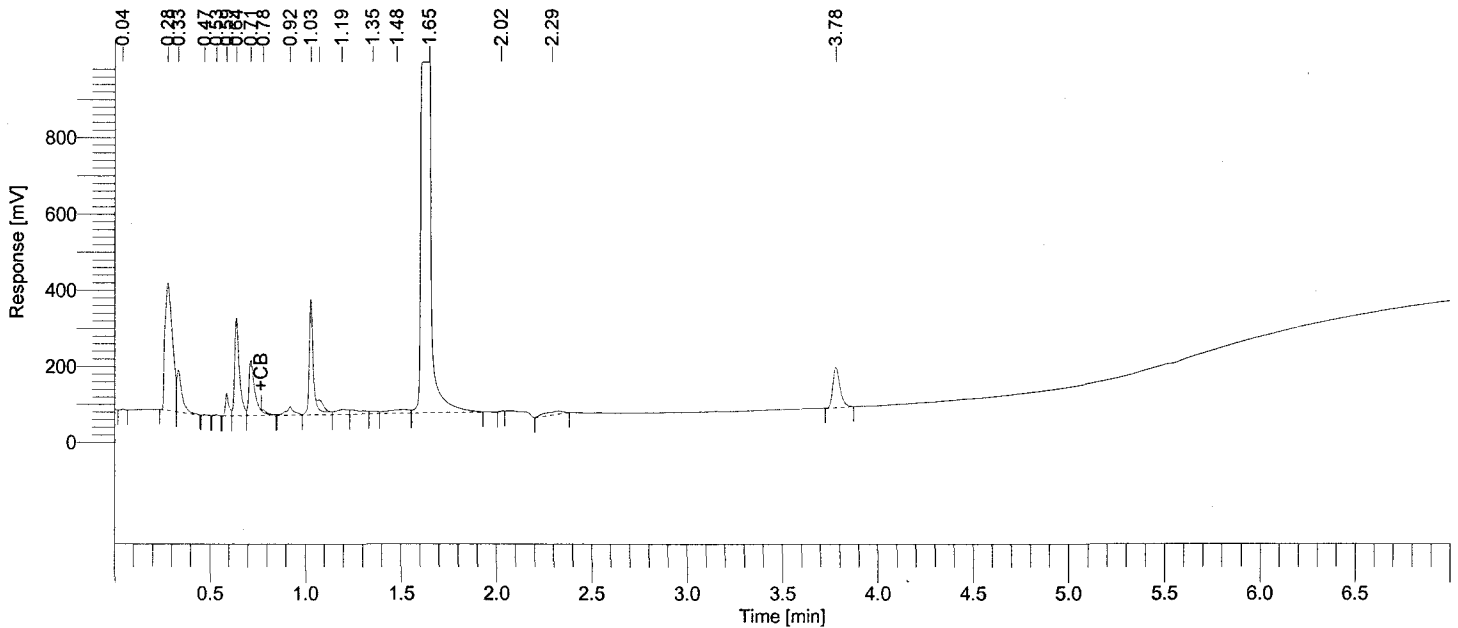
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 200369
Operator          : tchrom
Sample Number     :
AutoSampler       : NONE
Instrument Name   : HP5890-16
Interface Serial # : 3090270361
Delay Time        : 0.00 min
Sampling Rate     : 16.6660 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/02/2008 11:09:13

Date              : 07/02/2008 11:25:12
Sample Name      : AS80007653
Study            :
Rack/Vial        : 0/0
Channel          : B
A/D mV Range     : 1000
End Time         : 7.00 min
Area Reject      : 1000.000000
Dilution Factor  : 1.00
Cycle            : 1
    
```

```

Raw Data File : H:\TURBO6\5890-16\16b94004.raw <Modified>
Result File   : H:\TURBO6\5890-16\16b94004.rst
Inst Method   : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16b94004.raw
Proc Method   : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16b94004.rst
Calib Method  : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16b94004.rst
Report Format File: h:\turbo6\5890-16\16screen.rpt
Sequence File : H:\TURBO6\5890-16\16D94.seq
    
```



PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.30		1	4264880	AR1242	0.35424	1
	1.60		0	3675836	AR1248	0.21452	0
	2.10		0	3581692	AR1254	0.21917	0
	2.65		0	60898	AR1260	0.00376	0

11583306

Cut 1st

A8B18078

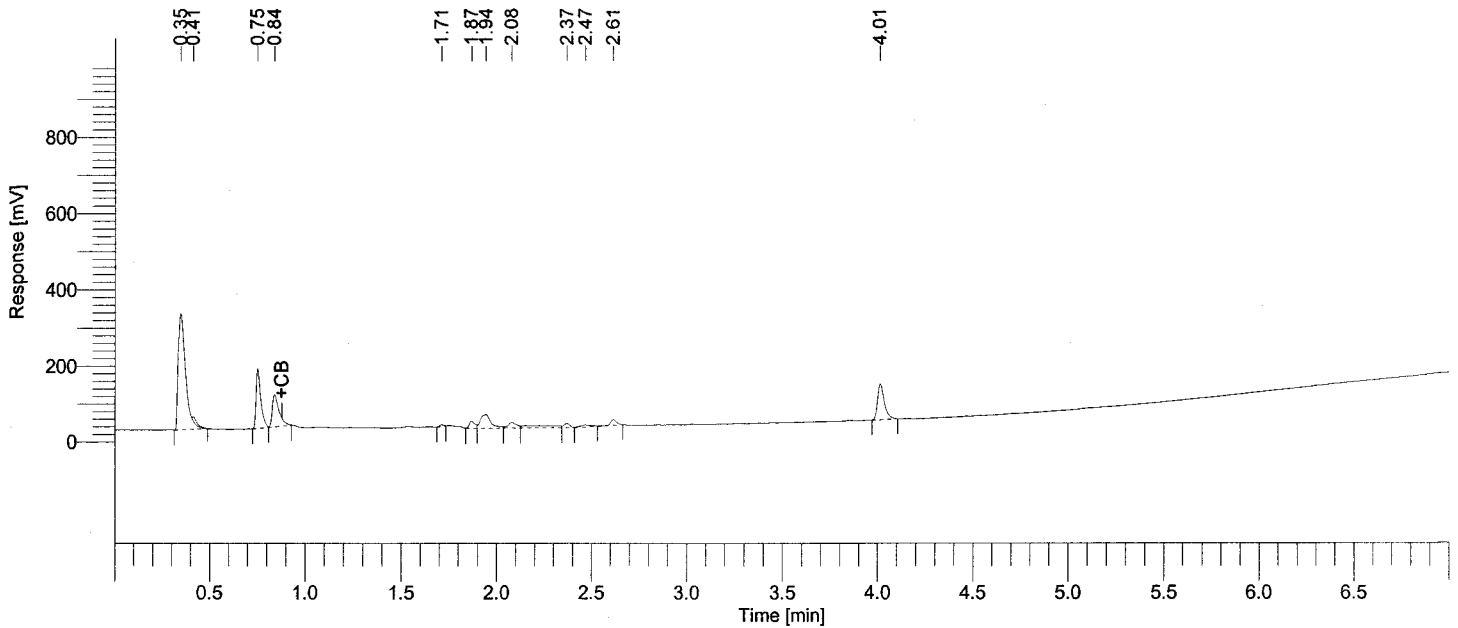
```

Software Version : 6.2.1.0.104:0104
Reprocess Number : buf2042: 200368
Operator : tchrom
Sample Number :
AutoSampler : NONE
Instrument Name : HP5890-16
Interface Serial # : 3090270361
Delay Time : 0.00 min
Sampling Rate : 16.6660 pts/s
Sample Volume : 1.000000 uL
Sample Amount : 1.0000
Data Acquisition Time : 07/02/2008 11:09:13

Date : 07/02/2008 11:25:10
Sample Name : AS80007652
Study :
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 7.00 min
Area Reject : 1000.000000
Dilution Factor : 1.00
Cycle : 1
    
```

```

Raw Data File : H:\TURBO6\5890-16\16a94004.raw <Modified>
Result File : H:\TURBO6\5890-16\16a94004.rst
Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16a94004.raw
Proc Method : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94004.rst
Calib Method : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94004.rst
Report Format File: h:\turbo6\5890-16\16screen.rpt
Sequence File : H:\TURBO6\5890-16\16D94.seq
    
```



PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.25		0	208551	AR1242	0.05632	0
	1.65		0	225074	AR1248	0.04136	0
	2.15		0	269594	AR1254	0.04856	0
	2.65		0	75328	AR1260	0.01271	0

778547

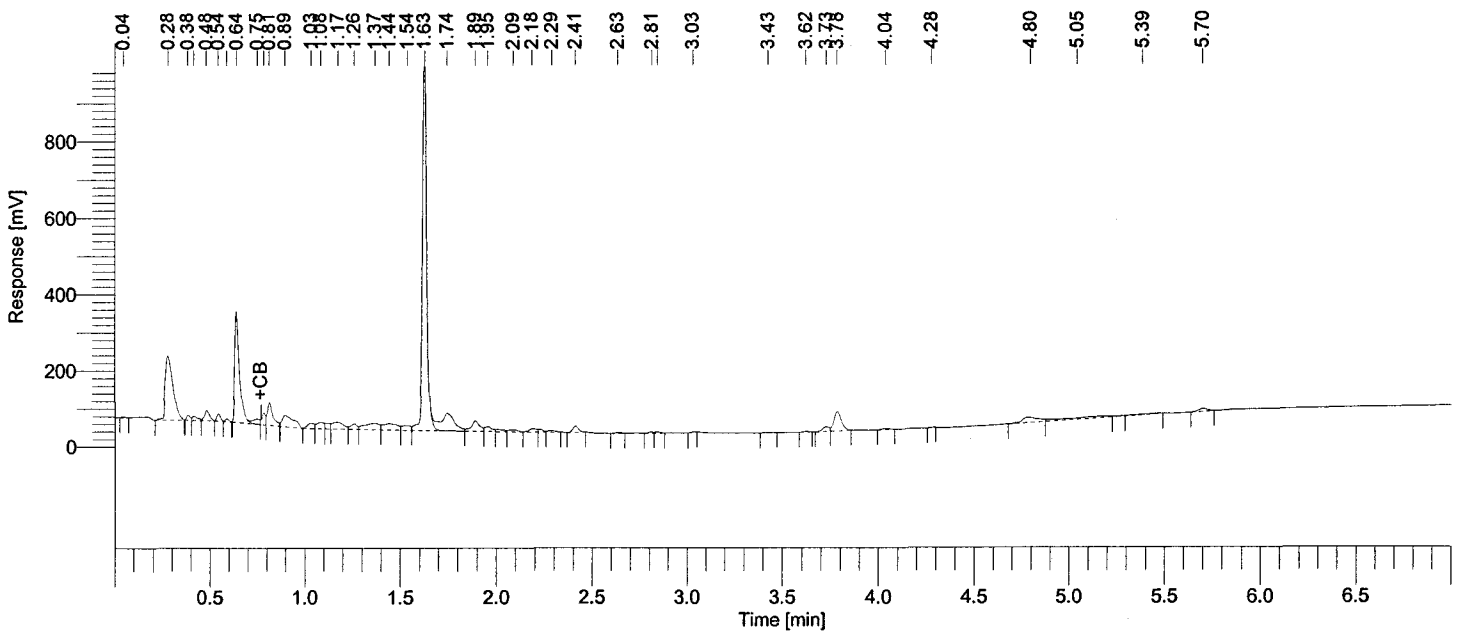
cut HST

A8B 18338

SLR

Software Version	: 6.2.1.0.104:0104	Date	: 07/08/2008 09:48:56
Reprocess Number	: buf2042: 201283	Sample Name	: AS80007795
Operator	: tchrom	Study	:
Sample Number	:	Rack/Vial	: 0/0
AutoSampler	: NONE	Channel	: B
Instrument Name	: HP5890-16	A/D mV Range	: 1000
Interface Serial #	: 3090270361	End Time	: 7.00 min
Delay Time	: 0.00 min	Area Reject	: 1000.000000
Sampling Rate	: 16.6660 pts/s	Dilution Factor	: 1.00
Sample Volume	: 1.000000 uL	Cycle	: 9
Sample Amount	: 1.0000		
Data Acquisition Time	: 07/08/2008 08:40:09		

Raw Data File : H:\TURBO6\5890-16\16b94098.raw <Modified>
 Result File : H:\TURBO6\5890-16\16b94098.rst
 Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16b94098.raw
 Proc Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16b94098.rst
 Calib Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16b94098.rst
 Report Format File: h:\turbo6\5890-16\16screen.rpt
 Sequence File : H:\TURBO6\5890-16\16D94.seq



PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.30			0 1943857	AR1242	0.16145	0
	1.60			0 2242059	AR1248	0.13085	0
	2.10			0 1980992	AR1254	0.12122	0
	2.65			0 92202	AR1260	0.00569	0

6259110

cut 151

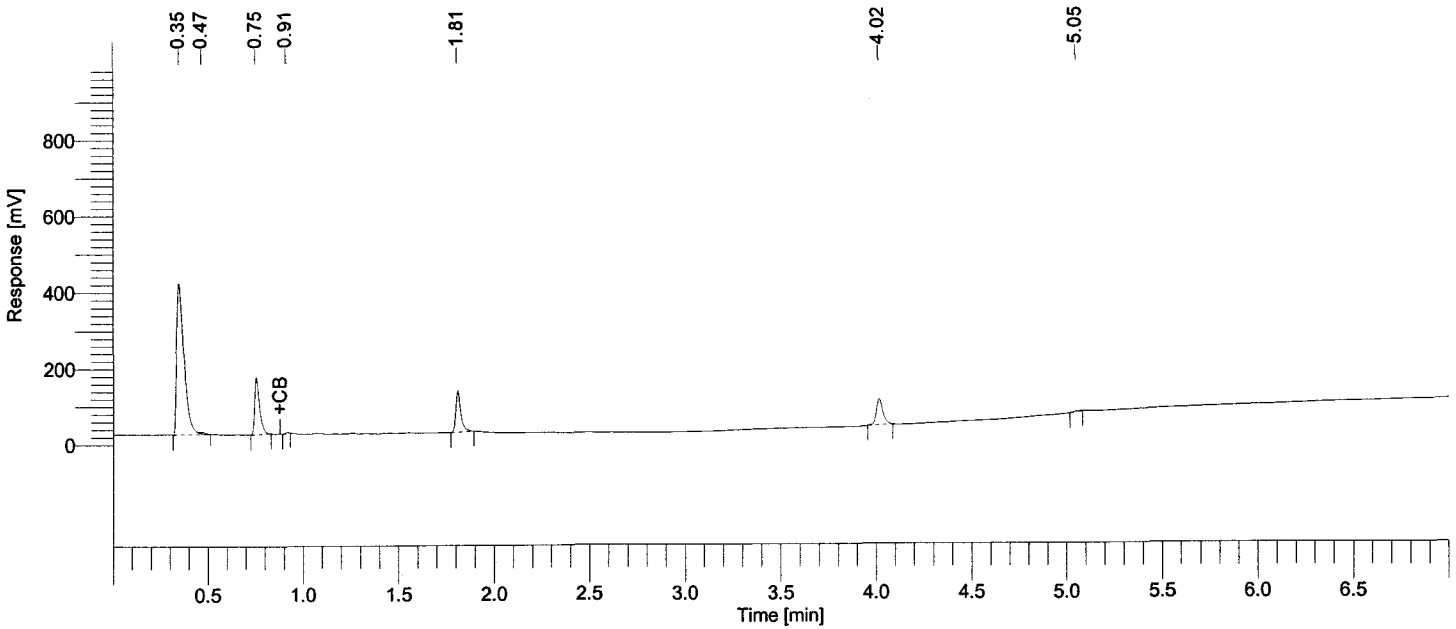
```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 201284
Operator          : tchrom
Sample Number     :
AutoSampler      : NONE
Instrument Name   : HP5890-16
Interface Serial # : 3090270361
Delay Time       : 0.00 min
Sampling Rate    : 16.6660 pts/s
Sample Volume    : 1.000000 uL
Sample Amount    : 1.0000
Data Acquisition Time : 07/08/2008 08:51:05

Date              : 07/08/2008 09:48:58
Sample Name      : AS80007796
Study           :
Rack/Vial       : 0/0
Channel         : A
A/D mV Range   : 1000
End Time       : 7.00 min
Area Reject    : 1000.000000
Dilution Factor : 1.00
Cycle          : 10
    
```

```

Raw Data File : H:\TURBO6\5890-16\16a94099.raw <Modified>
Result File : H:\TURBO6\5890-16\16a94099.rst
Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16a94099.raw
Proc Method : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94099.rst
Calib Method : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94099.rst
Report Format File: h:\turbo6\5890-16\16screen.rpt
Sequence File : H:\TURBO6\5890-16\16D94.seq
    
```



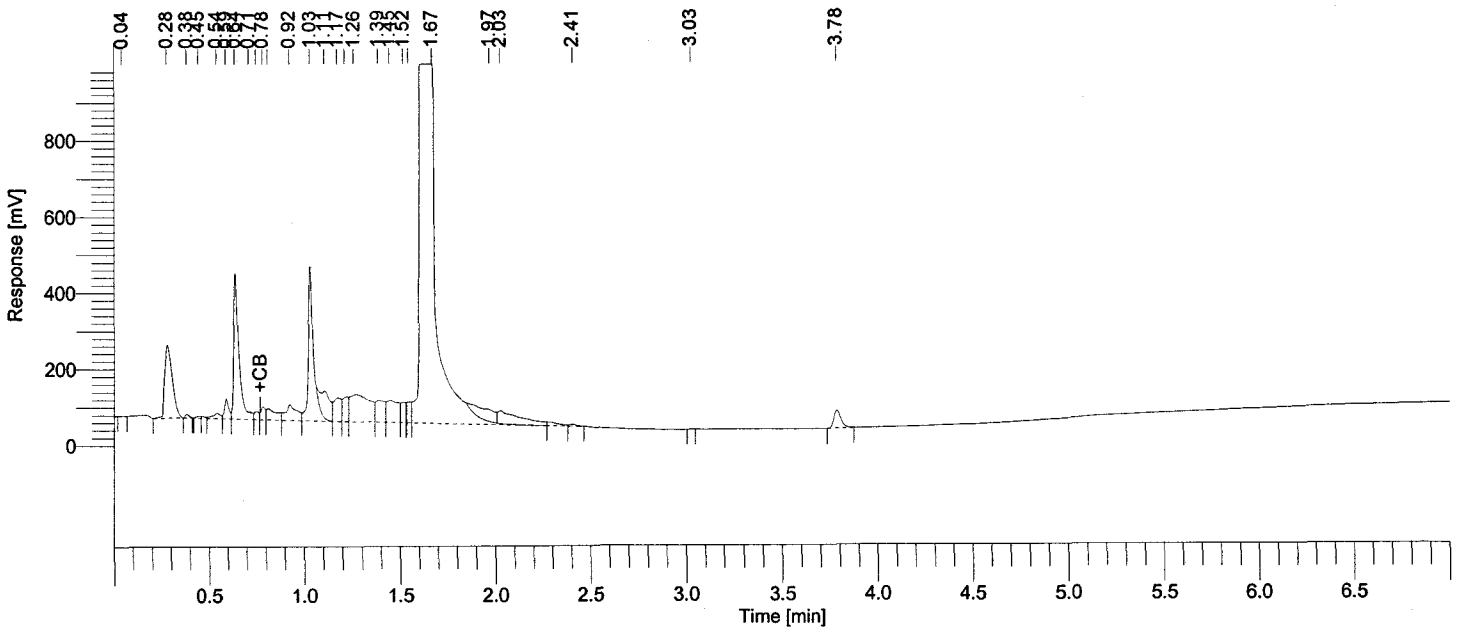
PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.25		0	3792	AR1242	0.00102	0
	1.65		0	194519	AR1248	0.03575	0
	2.15		0	194519	AR1254	0.03504	0
				392830			

cut 157

Software Version	: 6.2.1.0.104:0104	Date	: 07/08/2008 09:49:00
Reprocess Number	: buf2042: 201285	Sample Name	: AS80007797
Operator	: tchrom	Study	:
Sample Number	:	Rack/Vial	: 0/0
AutoSampler	: NONE	Channel	: B
Instrument Name	: HP5890-16	A/D mV Range	: 1000
Interface Serial #	: 3090270361	End Time	: 7.00 min
Delay Time	: 0.00 min	Area Reject	: 1000.000000
Sampling Rate	: 16.6660 pts/s	Dilution Factor	: 1.00
Sample Volume	: 1.000000 uL	Cycle	: 10
Sample Amount	: 1.0000		
Data Acquisition Time	: 07/08/2008 08:51:05		

Raw Data File : H:\TURBO6\5890-16\16b94099.raw <Modified>
 Result File : H:\TURBO6\5890-16\16b94099.rst
 Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16b94099.raw
 Proc Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16b94099.rst
 Calib Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16b94099.rst
 Report Format File: h:\turbo6\5890-16\16screen.rpt
 Sequence File : H:\TURBO6\5890-16\16D94.seq



PCB Screen

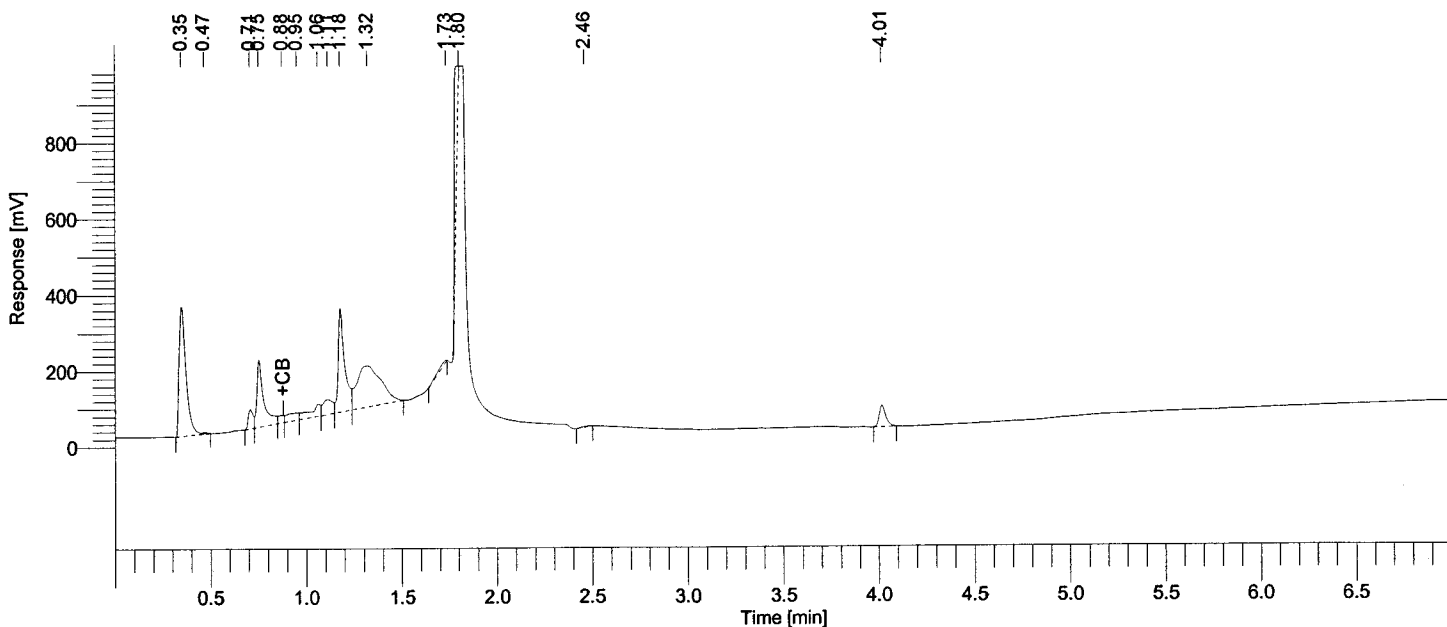
Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.30		1	8623335	AR1242	0.71624	1
	1.60		1	8214878	AR1248	0.47943	1
	2.10		1	6530901	AR1254	0.39964	1
	2.65		0	13703	AR1260	8.45e-04	0

23382817

Cut 157

Software Version	: 6.2.1.0.104:0104	Date	: 07/08/2008 09:49:02
Reprocess Number	: buf2042: 201286	Sample Name	: AS80007798
Operator	: tchrom	Study	:
Sample Number	:	Rack/Vial	: 0/0
AutoSampler	: NONE	Channel	: A
Instrument Name	: HP5890-16	A/D mV Range	: 1000
Interface Serial #	: 3090270361	End Time	: 7.00 min
Delay Time	: 0.00 min	Area Reject	: 1000.000000
Sampling Rate	: 16.6660 pts/s	Dilution Factor	: 1.00
Sample Volume	: 1.000000 uL	Cycle	: 11
Sample Amount	: 1.0000		
Data Acquisition Time	: 07/08/2008 09:01:21		

Raw Data File : H:\TURBO6\5890-16\16a94100.raw <Modified>
 Result File : H:\TURBO6\5890-16\16a94100.rst
 Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16a94100.raw
 Proc Method : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94100.rst
 Calib Method : h:\turbo6\5890-16\16-a-screen.mth from H:\TURBO6\5890-16\16a94100.rst
 Report Format File: h:\turbo6\5890-16\16screen.rpt
 Sequence File : H:\TURBO6\5890-16\16D94.seq



PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.25		1	2011858	AR1242	0.54335	1
	1.65		1	2229187	AR1248	0.40965	1
	2.15		0	486081	AR1254	0.08756	0
	2.65		0	6257	AR1260	0.00106	0
				4733382			

Cut 151

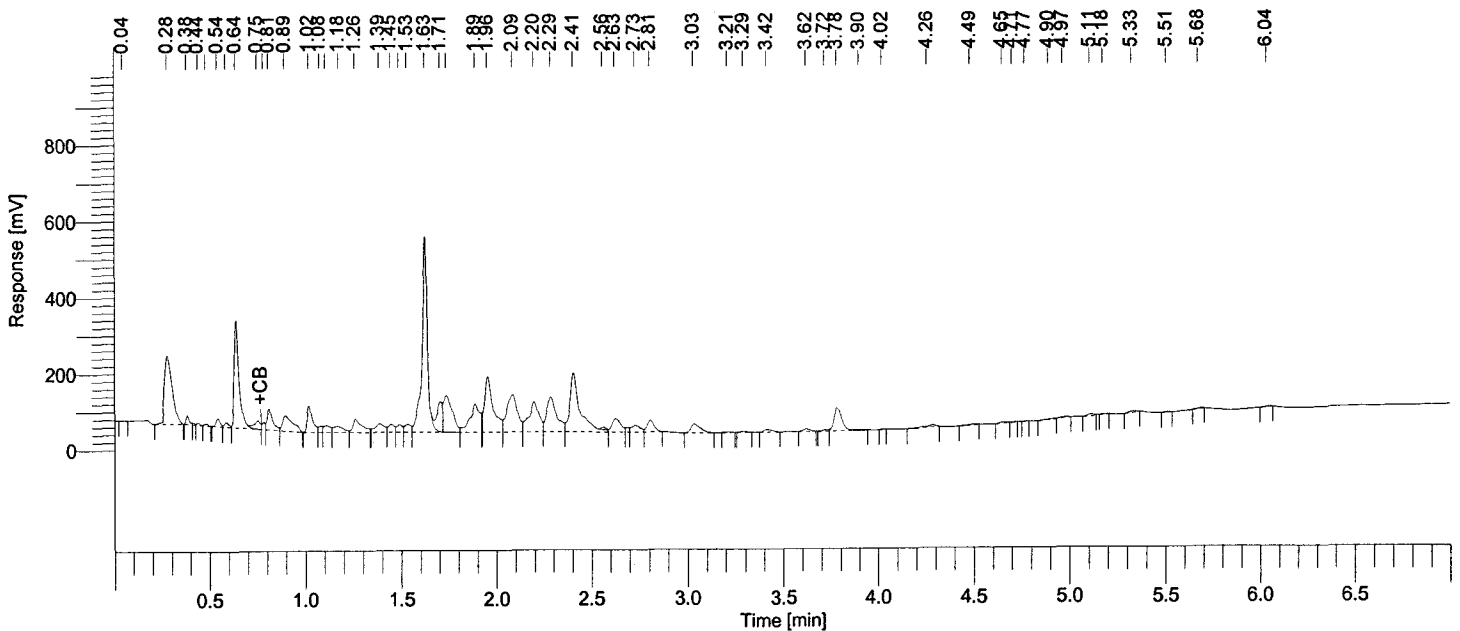

```

Software Version   : 6.2.1.0.104:0104
Reprocess Number  : buf2042: 201287
Operator          : tchrom
Sample Number     :
AutoSampler       : NONE
Instrument Name   : HP5890-16
Interface Serial # : 3090270361
Delay Time        : 0.00 min
Sampling Rate     : 16.6660 pts/s
Sample Volume     : 1.000000 uL
Sample Amount     : 1.0000
Data Acquisition Time : 07/08/2008 09:01:21

Date              : 07/08/2008 09:49:05
Sample Name       : AS80007834
Study             :
Rack/Vial         : 0/0
Channel           : B
A/D mV Range     : 1000
End Time         : 7.00 min
Area Reject       : 1000.000000
Dilution Factor  : 1.00
Cycle            : 11
    
```

```

Raw Data File : H:\TURBO6\5890-16\16b94100.raw <Modified>
Result File : H:\TURBO6\5890-16\16b94100.rst
Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16b94100.raw
Proc Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16b94100.rst
Calib Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16b94100.rst
Report Format File: h:\turbo6\5890-16\16screen.rpt
Sequence File : H:\TURBO6\5890-16\16D94.seq
    
```



PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.30		0	1616555	AR1242	0.13427	0
	1.60		0	3050476	AR1248	0.17803	0
	2.10		0	3845925	AR1254	0.23534	0
	2.65		0	1559283	AR1260	0.09618	0
				10072239			

C₆H₅X

Metals Data

LaBella Associates
COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY06-133

SDG No.: 7595

Lab Code: TALBFLO Case No.: _____

SAS No.: _____

SOW No.: _____

<u>Sample ID.</u>	<u>Lab Sample No.</u>
BLIND DUPLICATE	A8837404
MW-014	A8837402
MW-023	A8837403
MW-023/MS	A8837403MS
MW-023/SD	A8837403SD
MW-069	A8837401
SB-002/6-8	A8798803
SB-002/6-8/MS	A8798803MS
SB-002/6-8/SD	A8798803SD
SB-018/4-6	A8798804
SB-036/7.5-8 (ROC)	A8759501
SB-050/0-1 (ROC)	A8769101
SB-050/6-8	A8769102
SB-070/6-7.5	A8798805
SB-51/0-1 (ROC)	A8798801
SB-53/0-1 (ROC)	A8798802
TRIP BLANK	A8837405

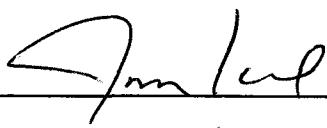
Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: 

Name: Jason R. Kacalski

Date: 8/7/83

Title: Project Manager

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8837404

Client ID: BLIND DUPLICATE

Matrix: WATER

Date Received: 7/11/2008

Date Collected: 7/10/2008

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A8B18830

Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Arsenic		10.4	ug/L		10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Beryllium	<	2.0	ug/L	U	2.0	2.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Cadmium	<	1.0	ug/L	U	1.0	1.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Chromium	<	4.0	ug/L	U	4.0	4.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Copper	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Lead	<	5.0	ug/L	U	5.0	5.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Nickel		13.2	ug/L		10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Selenium	<	15.0	ug/L	U	15.0	15.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Mercury	<	0.200	ug/L	U	0.200	0.200	1	7/16/2008	17:49:59	LEEMAN PS2	G07168W1	CV
Silver	<	3.0	ug/L	U	3.0	3.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Thallium	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Zinc		94.8	ug/L		10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8837402

Client ID: MW-014

Matrix: WATER

Date Received: 7/11/2008

Date Collected: 7/9/2008

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A8B18830

Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Arsenic		15.7	ug/L		10.0	10.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Beryllium	<	2.0	ug/L	U	2.0	2.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Cadmium		1.0	ug/L		1.0	1.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Chromium		6.7	ug/L		4.0	4.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Copper	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Lead		12.2	ug/L		5.0	5.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Nickel		20.7	ug/L		10.0	10.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Selenium	<	15.0	ug/L	U	15.0	15.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Mercury	<	0.200	ug/L	U	0.200	0.200	1	7/16/2008	17:40:02	LEEMAN PS2	G07168W1	CV
Silver	<	3.0	ug/L	U	3.0	3.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Thallium	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P
Zinc		143	ug/L		10.0	10.0	1	7/17/2008	01:08	SUPERTRACE	1071608	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8837403

Client ID: MW-023

Matrix: WATER

Date Received: 7/11/2008

Date Collected: 7/10/2008

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A8B18830

Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Arsenic	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Beryllium	<	2.0	ug/L	U	2.0	2.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Cadmium	<	1.0	ug/L	U	1.0	1.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Chromium	<	4.0	ug/L	U	4.0	4.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Copper	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Lead	<	5.0	ug/L	U	5.0	5.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Nickel	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Selenium	<	15.0	ug/L	U	15.0	15.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Mercury	<	0.200	ug/L	U	0.200	0.200	1	7/16/2008	17:44:36	LEEMAN PS2	G07168W1	CV
Silver	<	3.0	ug/L	U	3.0	3.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Thallium	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P
Zinc	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:13	SUPERTRACE	1071608	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8837401

Client ID: MW-069

Matrix: WATER

Date Received: 7/11/2008

Date Collected: 7/8/2008

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A8B18830

Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Arsenic	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Beryllium	<	2.0	ug/L	U	2.0	2.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Cadmium	<	1.0	ug/L	U	1.0	1.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Chromium	<	4.0	ug/L	U	4.0	4.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Copper	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Lead	<	5.0	ug/L	U	5.0	5.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Nickel	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Selenium	<	15.0	ug/L	U	15.0	15.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Mercury	<	0.200	ug/L	U	0.200	0.200	1	7/16/2008	17:38:25	LEEMAN PS2	G07168W1	CV
Silver	<	3.0	ug/L	U	3.0	3.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Thallium	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P
Zinc	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	00:48	SUPERTRACE	1071608	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8798803

Client ID: SB-002/6-8

Matrix: SOIL

Date Received: 7/3/2008

Date Collected: 7/1/2008

Level: LOW

% Solids: 85

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18345

Prep Date: 7/8/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	18.1 mg/Kg	U	N	18.1	18.1	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Arsenic		16.5 mg/Kg			2.4	2.4	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Beryllium		0.55 mg/Kg			0.24	0.24	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Cadmium		0.33 mg/Kg			0.24	0.24	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Chromium		17.0 mg/Kg			0.60	0.60	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Copper		18.7 mg/Kg		E	1.2	1.2	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Lead		28.5 mg/Kg		E	1.2	1.2	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Nickel		9.6 mg/Kg			0.60	0.60	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Selenium	<	4.8 mg/Kg	U		4.8	4.8	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Silver	<	0.60 mg/Kg	U		0.60	0.60	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Mercury		0.284 mg/Kg			0.019	0.019	1	7/8/2008	13:47:47	LEEMAN PS2	G07088S1	CV
Thallium	<	7.3 mg/Kg	U		7.3	7.3	1	7/8/2008	13:40	SUPERTRACE	107080W	P
Zinc		70.2 mg/Kg		E	2.4	2.4	1	7/8/2008	13:40	SUPERTRACE	107080W	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8798804

Client ID: SB-018/4-6

Matrix: SOIL

Date Received: 7/3/2008

Date Collected: 6/26/2008

Level: LOW

% Solids: 84

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18345

Prep Date: 7/8/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	17.4 mg/Kg	U	N	17.4	17.4	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Arsenic		3.9 mg/Kg			2.3	2.3	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Beryllium	<	0.23 mg/Kg	U		0.23	0.23	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Cadmium		0.27 mg/Kg			0.23	0.23	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Chromium		8.6 mg/Kg			0.58	0.58	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Copper		12.6 mg/Kg		E	1.2	1.2	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Lead		34.8 mg/Kg		E	1.2	1.2	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Nickel		10.2 mg/Kg			0.58	0.58	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Selenium	<	4.6 mg/Kg	U		4.6	4.6	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Silver	<	0.58 mg/Kg	U		0.58	0.58	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Mercury		0.035 mg/Kg			0.020	0.020	1	7/8/2008	13:53:30	LEEMAN PS2	G07088S1	CV
Thallium	<	6.9 mg/Kg	U		6.9	6.9	1	7/8/2008	14:08	SUPERTRACE	107080W	P
Zinc		46.9 mg/Kg		E	2.3	2.3	1	7/8/2008	14:08	SUPERTRACE	107080W	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8759501

Client ID: SB-036/7.5-8(ROC)

Matrix: SOIL

Date Received: 6/26/2008

Date Collected: 6/23/2008

Level: LOW

% Solids: 25

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B17866

Prep Date: 6/30/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	61.0 mg/Kg	U		61.0	61.0	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Arsenic		20.2 mg/Kg			8.1	8.1	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Beryllium	<	0.81 mg/Kg	U		0.81	0.81	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Cadmium	<	0.81 mg/Kg	U		0.81	0.81	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Chromium		33.1 mg/Kg			2.0	2.0	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Copper		29.6 mg/Kg			4.1	4.1	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Lead		223 mg/Kg			4.1	4.1	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Nickel		24.9 mg/Kg			2.0	2.0	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Selenium	<	16.3 mg/Kg	U		16.3	16.3	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Mercury		0.387 mg/Kg			0.067	0.067	1	6/30/2008	11:31:26	LEEMAN PS2	H06308S1	CV
Silver	<	2.0 mg/Kg	U		2.0	2.0	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Thallium	<	24.4 mg/Kg	U		24.4	24.4	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P
Zinc		134 mg/Kg			8.1	8.1	1	7/1/2008	15:15	SUPERTRACE2	A07010x	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8769101

Client ID: SB-050/0-1(ROC)

Matrix: SOIL

Date Received: 6/27/2008

Date Collected: 6/25/2008

Level: LOW

% Solids: 82

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18066

Prep Date: 7/1/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	17.7 mg/Kg	U		17.7	17.7	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Arsenic		3.8 mg/Kg			2.4	2.4	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Beryllium	<	0.24 mg/Kg	U		0.24	0.24	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Cadmium		0.31 mg/Kg			0.24	0.24	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Chromium		6.5 mg/Kg			0.59	0.59	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Copper		13.4 mg/Kg			1.2	1.2	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Lead		182 mg/Kg			1.2	1.2	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Nickel		4.9 mg/Kg			0.59	0.59	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Selenium	<	4.7 mg/Kg	U		4.7	4.7	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Silver	<	0.59 mg/Kg	U		0.59	0.59	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Mercury		0.448 mg/Kg			0.021	0.021	1	7/2/2008	13:53:45	LEEMAN PS2	G07028S1	CV
Thallium	<	7.1 mg/Kg	U		7.1	7.1	1	7/2/2008	12:39	SUPERTRACE2	A070208	P
Zinc		110 mg/Kg			2.4	2.4	1	7/2/2008	12:39	SUPERTRACE2	A070208	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8769102

Client ID: SB-050/6-8

Matrix: SOIL

Date Received: 6/27/2008

Date Collected: 6/25/2008

Level: LOW

% Solids: 66

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18066

Prep Date: 7/1/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	23.0 mg/Kg	U		23.0	23.0	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Arsenic		20.1 mg/Kg			3.1	3.1	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Beryllium		1.2 mg/Kg			0.31	0.31	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Cadmium		0.48 mg/Kg			0.31	0.31	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Chromium		16.7 mg/Kg			0.77	0.77	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Copper		139 mg/Kg			1.5	1.5	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Lead		1130 mg/Kg			1.5	1.5	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Nickel		26.8 mg/Kg			0.77	0.77	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Selenium	<	6.1 mg/Kg	U		6.1	6.1	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Mercury		5.5 mg/Kg			0.249	0.249	10	7/2/2008	14:25:13	LEEMAN PS2	G07028S1	CV
Silver	<	0.77 mg/Kg	U		0.77	0.77	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Thallium	<	9.2 mg/Kg	U		9.2	9.2	1	7/2/2008	12:44	SUPERTRACE2	A070208	P
Zinc		376 mg/Kg			3.1	3.1	1	7/2/2008	12:44	SUPERTRACE2	A070208	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8798805

Client ID: SB-070/6-7.5

Matrix: SOIL

Date Received: 7/3/2008

Date Collected: 6/27/2008

Level: LOW

% Solids: 78

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18345

Prep Date: 7/8/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	20.9 mg/Kg	U	N	20.9	20.9	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Arsenic		20.6 mg/Kg			2.8	2.8	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Beryllium		0.46 mg/Kg			0.28	0.28	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Cadmium		0.38 mg/Kg			0.28	0.28	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Chromium		15.6 mg/Kg			0.70	0.70	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Copper		11.2 mg/Kg		E	1.4	1.4	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Lead		12.9 mg/Kg		E	1.4	1.4	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Nickel		19.4 mg/Kg			0.70	0.70	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Selenium	<	5.6 mg/Kg	U		5.6	5.6	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Silver	<	0.70 mg/Kg	U		0.70	0.70	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Mercury	<	0.020 mg/Kg	U		0.020	0.020	1	7/8/2008	13:55:17	LEEMAN PS2	G07088S1	CV
Thallium	<	8.4 mg/Kg	U		8.4	8.4	1	7/8/2008	14:13	SUPERTRACE	107080W	P
Zinc		68.0 mg/Kg		E	2.8	2.8	1	7/8/2008	14:13	SUPERTRACE	107080W	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8798801

Client ID: SB-51/0-1(ROC)

Matrix: SOIL

Date Received: 7/3/2008

Date Collected: 7/1/2008

Level: LOW

% Solids: 85

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18345

Prep Date: 7/8/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	18.1 mg/Kg	U	N	18.1	18.1	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Arsenic		16.7 mg/Kg			2.4	2.4	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Beryllium		0.32 mg/Kg			0.24	0.24	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Cadmium		1.1 mg/Kg			0.24	0.24	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Chromium		16.7 mg/Kg			0.60	0.60	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Copper		53.0 mg/Kg		E	1.2	1.2	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Lead		174 mg/Kg		E	1.2	1.2	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Nickel		18.5 mg/Kg			0.60	0.60	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Selenium	<	4.8 mg/Kg	U		4.8	4.8	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Silver	<	0.60 mg/Kg	U		0.60	0.60	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Mercury		0.578 mg/Kg			0.018	0.018	1	7/8/2008	13:42:02	LEEMAN PS2	G07088S1	CV
Thallium	<	7.2 mg/Kg	U		7.2	7.2	1	7/8/2008	13:29	SUPERTRACE	107080W	P
Zinc		281 mg/Kg		E	2.4	2.4	1	7/8/2008	13:29	SUPERTRACE	107080W	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8798802

Client ID: SB-53/0-1(ROC)

Matrix: SOIL

Date Received: 7/3/2008

Date Collected: 6/26/2008

Level: LOW

% Solids: 81

Sample Wt/Vol: 0.5

Final Vol: 50.0

Prep Batch ID: A8B18345

Prep Date: 7/8/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Analytical		Instrument	Run	M	
							Dil	Date				Time
Antimony	<	17.5 mg/Kg	U	N	17.5	17.5	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Arsenic		16.8 mg/Kg			2.3	2.3	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Beryllium		0.29 mg/Kg			0.23	0.23	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Cadmium		1.2 mg/Kg			0.23	0.23	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Chromium		15.7 mg/Kg			0.58	0.58	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Copper		50.9 mg/Kg		E	1.2	1.2	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Lead		164 mg/Kg		E	1.2	1.2	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Nickel		18.4 mg/Kg			0.58	0.58	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Selenium	<	4.7 mg/Kg	U		4.7	4.7	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Silver	<	0.58 mg/Kg	U		0.58	0.58	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Mercury		0.680 mg/Kg			0.020	0.020	1	7/8/2008	13:46:21	LEEMAN PS2	G07088S1	CV
Thallium	<	7.0 mg/Kg	U		7.0	7.0	1	7/8/2008	13:35	SUPERTRACE	107080W	P
Zinc		317 mg/Kg		E	2.3	2.3	1	7/8/2008	13:35	SUPERTRACE	107080W	P

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates

SDG No.: 7595

Method Type:

Sample ID: A8837405

Client ID: TRIP BLANK

Matrix: WATER

Date Received: 7/11/2008

Date Collected: 7/10/2008

Level: LOW

% Solids:

Sample Wt/Vol: 50.0

Final Vol: 50.0

Prep Batch ID: A8B18830

Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical		Instrument	Run	M
								Date	Time			
Antimony	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Arsenic	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Beryllium	<	2.0	ug/L	U	2.0	2.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Cadmium	<	1.0	ug/L	U	1.0	1.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Chromium	<	4.0	ug/L	U	4.0	4.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Copper	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Lead	<	5.0	ug/L	U	5.0	5.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Nickel	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Selenium	<	15.0	ug/L	U	15.0	15.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Mercury	<	0.200	ug/L	U	0.200	0.200	1	7/16/2008	17:51:21	LEEMAN PS2	G07168W1	CV
Silver	<	3.0	ug/L	U	3.0	3.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Thallium	<	20.0	ug/L	U	20.0	20.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P
Zinc	<	10.0	ug/L	U	10.0	10.0	1	7/17/2008	01:46	SUPERTRACE	1071608	P

Comments:

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony	375.0	374.96	100	500.0	495.61	99	491.32	98	P
Arsenic	375.0	365.63	98	500.0	474.86	95	467.51	94	P
Beryllium	375.0	365.55	97	500.0	480.47	96	477.84	96	P
Cadmium	375.0	372.07	99	500.0	486.87	97	477.01	95	P
Chromium	375.0	379.69	101	500.0	498.94	100	493.83	99	P
Copper	375.0	361.20	96	500.0	477.76	96	476.64	95	P
Lead	375.0	371.82	99	500.0	486.17	97	482.62	97	P
Nickel	375.0	373.02	99	500.0	489.42	98	483.46	97	P
Selenium	375.0	379.48	101	500.0	491.42	98	485.60	97	P
Silver	375.0	363.84	97	500.0	479.71	96	479.05	96	P
Thallium	375.0	383.39	102	500.0	499.18	100	486.95	97	P
Zinc	375.0	372.13	99	500.0	485.44	97	477.37	95	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony				500.0	491.68	98	483.26	97	P
Arsenic				500.0	473.62	95	470.83	94	P
Beryllium				500.0	497.09	99	493.61	99	P
Cadmium				500.0	474.27	95	471.27	94	P
Chromium				500.0	507.44	101	502.22	100	P
Copper				500.0	488.36	98	483.76	97	P
Lead				500.0	488.88	98	481.74	96	P
Nickel				500.0	491.09	98	485.77	97	P
Selenium				500.0	487.91	98	481.86	96	P
Silver				500.0	487.51	98	481.35	96	P
Thallium				500.0	473.39	95	472.29	94	P
Zinc				500.0	497.90	100	490.32	98	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony	375.0	385.43	103	500.0	506.18	101	510.03	102	P
Arsenic	375.0	376.76	100	500.0	496.22	99	501.42	100	P
Beryllium	375.0	379.20	101	500.0	502.01	100	510.72	102	P
Cadmium	375.0	380.60	101	500.0	502.28	100	501.52	100	P
Chromium	375.0	387.39	103	500.0	515.81	103	522.91	105	P
Copper	375.0	364.79	97	500.0	483.60	97	491.30	98	P
Lead	375.0	379.92	101	500.0	504.10	101	508.40	102	P
Nickel	375.0	381.40	102	500.0	508.55	102	512.23	102	P
Selenium	375.0	392.78	105	500.0	519.18	104	523.37	105	P
Silver	375.0	370.04	99	500.0	492.46	98	499.45	100	P
Thallium	375.0	388.98	104	500.0	509.85	102	510.17	102	P
Zinc	375.0	383.21	102	500.0	506.26	101	512.38	102	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony				500.0	513.79	103	510.53	102	P
Arsenic				500.0	503.13	101	500.73	100	P
Beryllium				500.0	515.25	103	507.08	101	P
Cadmium				500.0	512.79	103	502.76	101	P
Chromium				500.0	520.34	104	516.20	103	P
Copper				500.0	491.80	98	487.37	97	P
Lead				500.0	514.78	103	506.29	101	P
Nickel				500.0	513.49	103	507.60	102	P
Selenium				500.0	527.92	106	521.16	104	P
Silver				500.0	498.64	100	494.82	99	P
Thallium				500.0	517.14	103	516.03	103	P
Zinc				500.0	514.76	103	505.45	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony				500.0	509.40	102			P
Arsenic				500.0	495.31	99			P
Beryllium				500.0	502.36	100			P
Cadmium				500.0	499.41	100			P
Chromium				500.0	513.85	103			P
Copper				500.0	482.48	96			P
Lead				500.0	501.33	100			P
Nickel				500.0	505.60	101			P
Selenium				500.0	520.61	104			P
Silver				500.0	491.89	98			P
Thallium				500.0	503.82	101			P
Zinc				500.0	504.09	101			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony	375.0	381.12	102	500.0	509.82	102	511.66	102	P
Arsenic	375.0	372.80	99	500.0	499.52	100	499.73	100	P
Beryllium	375.0	378.79	101	500.0	502.34	100	507.03	101	P
Chromium	375.0	388.24	104	500.0	514.39	103	516.20	103	P
Copper	375.0	369.16	98	500.0	494.32	99	497.75	100	P
Lead	375.0	380.38	101	500.0	505.00	101	507.87	102	P
Nickel	375.0	382.64	102	500.0	504.07	101	504.47	101	P
Selenium	375.0	381.75	102	500.0	513.31	103	510.77	102	P
Silver	375.0	373.78	100	500.0	498.54	100	501.04	100	P
Thallium	375.0	384.92	103	500.0	510.77	102	512.15	102	P
Zinc	375.0	380.98	102	500.0	503.24	101	507.95	102	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony	375.0	395.88	106	500.0	522.52	105	535.51	107	P
Arsenic	375.0	375.49	100	500.0	496.93	99	504.34	101	P
Beryllium	375.0	378.96	101	500.0	498.96	100	499.00	100	P
Cadmium	375.0	376.75	100	500.0	493.25	99	496.91	99	P
Chromium	375.0	391.79	104	500.0	516.22	103	518.40	104	P
Copper	375.0	375.79	100	500.0	500.33	100	499.99	100	P
Lead	375.0	383.75	102	500.0	504.20	101	511.77	102	P
Nickel	375.0	382.68	102	500.0	503.03	101	503.44	101	P
Selenium	375.0	385.09	103	500.0	501.12	100	511.28	102	P
Silver	375.0	370.52	99	500.0	488.92	98	491.00	98	P
Thallium	375.0	386.79	103	500.0	508.79	102	511.20	102	P
Zinc	375.0	381.73	102	500.0	499.33	100	504.86	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony				500.0	529.64	106	537.04	107	P
Arsenic				500.0	509.11	102	509.51	102	P
Beryllium				500.0	506.55	101	503.96	101	P
Cadmium				500.0	499.08	100	498.07	100	P
Chromium				500.0	521.29	104	520.33	104	P
Copper				500.0	505.53	101	503.32	101	P
Lead				500.0	518.93	104	515.32	103	P
Nickel				500.0	510.47	102	508.59	102	P
Selenium				500.0	518.09	104	515.54	103	P
Silver				500.0	493.34	99	490.32	98	P
Thallium				500.0	512.32	102	506.71	101	P
Zinc				500.0	508.00	102	510.18	102	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony				500.0	525.51	105	536.33	107	P
Arsenic				500.0	501.61	100	510.42	102	P
Beryllium				500.0	500.16	100	506.80	101	P
Cadmium				500.0	496.42	99	503.70	101	P
Chromium				500.0	519.40	104	525.93	105	P
Copper				500.0	500.57	100	505.93	101	P
Lead				500.0	511.02	102	522.64	105	P
Nickel				500.0	504.00	101	511.95	102	P
Selenium				500.0	511.07	102	521.65	104	P
Silver				500.0	490.07	98	494.73	99	P
Thallium				500.0	509.98	102	518.90	104	P
Zinc				500.0	507.75	102	511.97	102	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony	375.0	381.01	102	500.0	507.00	101	500.94	100	P
Arsenic	375.0	365.31	97	500.0	493.51	99	488.78	98	P
Beryllium	375.0	377.03	101	500.0	505.18	101	506.11	101	P
Cadmium	375.0	374.94	100	500.0	502.74	101	499.77	100	P
Chromium	375.0	389.00	104	500.0	521.10	104	517.84	104	P
Copper	375.0	370.49	99	500.0	496.24	99	497.20	99	P
Lead	375.0	380.04	101	500.0	510.97	102	506.44	101	P
Nickel	375.0	378.48	101	500.0	506.92	101	506.26	101	P
Selenium	375.0	376.55	100	500.0	507.42	101	508.36	102	P
Silver	375.0	367.07	98	500.0	492.80	99	493.27	99	P
Thallium	375.0	379.23	101	500.0	511.47	102	510.77	102	P
Zinc	375.0	380.90	102	500.0	509.90	102	505.05	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Antimony				500.0	502.52	101			P
Arsenic				500.0	491.04	98			P
Beryllium				500.0	506.02	101			P
Cadmium				500.0	499.68	100			P
Chromium				500.0	519.16	104			P
Copper				500.0	498.59	100			P
Lead				500.0	508.46	102			P
Nickel				500.0	506.91	101			P
Selenium				500.0	504.32	101			P
Silver				500.0	492.24	98			P
Thallium				500.0	505.31	101			P
Zinc				500.0	504.34	101			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595
 Initial Calibration Source: HIGH PURITY
 Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Cadmium	375.0	374.73	100	500.0	497.04	99	495.85	99	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	2.85	95	2.0	1.88	94	1.71	86	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury				2.0	1.91	96	1.91	96	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	3.13	104	2.0	2.11	106	2.12	106	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury				2.0	2.11	106			CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	3.06	102	2.0	1.97	98	2.04	102	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury				2.0	2.06	103	2.05	102	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	3.04	101	2.0	2.01	100	2.12	106	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Initial Calibration Source: HIGH PURITYContinuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury				2.0	2.03	102	2.02	101	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury				2.0	2.09	104	2.07	104	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

Initial Calibration Source: HIGH PURITY

Continuing Calibration Source: HIGH PURITY

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury				2.0	2.11	106			CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 AA CRDL Standard Source: _____
 ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Antimony				20.0	22.26	111		
Arsenic				10.0	12.33	123		
Beryllium				2.0	1.94	97		
Cadmium				1.0	1.29	129		
Chromium				4.0	4.16	104		
Copper				10.0	10.59	106		
Lead				5.0	4.48	90		
Nickel				10.0	10.29	103		
Selenium				15.0	19.14	128		
Silver				3.0	1.81	60		
Thallium				20.0	23.01	115		
Zinc				10.0	12.34	123		

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Antimony				20.0	19.28	96		
Arsenic				10.0	8.62	86		
Beryllium				2.0	2.00	100		
Cadmium				1.0	1.16	116		
Chromium				4.0	4.54	114		
Copper				10.0	10.43	104		
Lead				5.0	5.27	105		
Nickel				10.0	10.10	101		
Selenium				15.0	17.82	119		
Silver				3.0	2.79	93		
Thallium				20.0	23.52	118		
Zinc				10.0	10.95	110		

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 AA CRDL Standard Source: _____
 ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Antimony				20.0	19.01	95		
Arsenic				10.0	10.51	105		
Beryllium				2.0	2.13	106		
Chromium				4.0	4.23	106		
Copper				10.0	10.20	102		
Lead				5.0	4.57	91		
Nickel				10.0	10.39	104		
Selenium				15.0	18.13	121		
Silver				3.0	3.42	114		
Thallium				20.0	20.53	103		
Zinc				10.0	11.13	111		

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Antimony				20.0	20.48	102		
Arsenic				10.0	9.58	96		
Beryllium				2.0	2.01	100		
Cadmium				1.0	1.09	109		
Chromium				4.0	4.27	107		
Copper				10.0	8.28	83		
Lead				5.0	7.31	146		
Nickel				10.0	9.92	99		
Selenium				15.0	17.84	119		
Silver				3.0	3.14	105		
Thallium				20.0	21.56	108		
Zinc				10.0	11.09	111		

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 AA CRDL Standard Source: _____
 ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Antimony				20.0	17.68	88		
Arsenic				10.0	10.90	109		
Beryllium				2.0	2.08	104		
Cadmium				1.0	1.04	104		
Chromium				4.0	4.42	110		
Copper				10.0	10.55	106		
Lead				5.0	4.48	90		
Nickel				10.0	11.25	112		
Selenium				15.0	15.57	104		
Silver				3.0	1.88	63		
Thallium				20.0	16.93	85		
Zinc				10.0	11.42	114		

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 AA CRDL Standard Source: _____
 ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Cadmium				1.0	1.10	110	1.03	103

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 AA CRDL Standard Source: _____
 ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Mercury	0.2	0.14	70					

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Mercury	0.2	0.15	75					

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 AA CRDL Standard Source: _____
 ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial		Final		
				True	Found	%R	Found	%R
Mercury	0.2	0.14	70					

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 AA CRDL Standard Source: _____
 ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Mercury	0.2	0.18	90					

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 AA CRDL Standard Source: _____
 ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Mercury	0.2	0.19	95					

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Mercury	0.2	0.13	65					

Comments:

LaBella Associates
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595

AA CRDL Standard Source: _____

ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Mercury	0.2	0.17	85					

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 AA CRDL Standard Source: _____
 ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Mercury	0.2	0.16	80					

Comments:

LaBella Associates
 -2B-
 CRDL STANDARD FOR AA AND ICP

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 AA CRDL Standard Source: _____
 ICP CRDL Standard Source: ULTRA

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
	True	Found	%R	Initial			Final	
				True	Found	%R	Found	%R
Mercury	0.2	0.17	85					

Comments:

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Antimony	20.000	U	20.000	20.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Arsenic	10.000	U	10.000	10.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Beryllium	2.000	U	2.000	2.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Cadmium	1.000	U	1.000	1.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Chromium	4.000	U	4.000	4.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Copper	10.000	U	10.000	10.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Lead	5.000	U	5.000	5.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Nickel	10.000	U	10.000	10.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Selenium	15.000	U	15.000	15.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Silver	3.000	U	3.000	3.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Thallium	20.000	U	20.000	20.000	P	7/8/2008	10:18	SUPERTRACE	107080W
	Zinc	10.000	U	10.000	10.000	P	7/8/2008	10:18	SUPERTRACE	107080W
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Arsenic	10.000	U	10.000	10.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Beryllium	2.000	U	2.000	2.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Cadmium	1.000	U	1.000	1.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Chromium	4.000	U	4.000	4.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Copper	10.000	U	10.000	10.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Lead	5.000	U	5.000	5.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Nickel	10.000	U	10.000	10.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Selenium	15.000	U	15.000	15.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Silver	3.000	U	3.000	3.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Thallium	20.000	U	20.000	20.000	P	7/8/2008	10:51	SUPERTRACE	107080W
	Zinc	10.000	U	10.000	10.000	P	7/8/2008	10:51	SUPERTRACE	107080W

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Arsenic	10.000	U	10.000	10.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Beryllium	2.000	U	2.000	2.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Cadmium	1.000	U	1.000	1.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Chromium	4.000	U	4.000	4.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Copper	10.000	U	10.000	10.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Lead	5.000	U	5.000	5.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Nickel	10.000	U	10.000	10.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Selenium	15.000	U	15.000	15.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Silver	3.000	U	3.000	3.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Thallium	20.000	U	20.000	20.000	P	7/8/2008	12:00	SUPERTRACE	107080W
	Zinc	10.000	U	10.000	10.000	P	7/8/2008	12:00	SUPERTRACE	107080W
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Arsenic	10.000	U	10.000	10.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Beryllium	2.000	U	2.000	2.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Cadmium	1.000	U	1.000	1.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Chromium	4.000	U	4.000	4.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Copper	10.000	U	10.000	10.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Lead	5.000	U	5.000	5.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Nickel	10.000	U	10.000	10.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Selenium	15.000	U	15.000	15.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Silver	3.000	U	3.000	3.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Thallium	20.000	U	20.000	20.000	P	7/8/2008	13:24	SUPERTRACE	107080W
	Zinc	10.000	U	10.000	10.000	P	7/8/2008	13:24	SUPERTRACE	107080W

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Arsenic	10.000	U	10.000	10.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Beryllium	2.000	U	2.000	2.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Cadmium	1.000	U	1.000	1.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Chromium	4.000	U	4.000	4.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Copper	10.000	U	10.000	10.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Lead	5.000	U	5.000	5.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Nickel	10.000	U	10.000	10.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Selenium	15.000	U	15.000	15.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Silver	3.000	U	3.000	3.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Thallium	20.000	U	20.000	20.000	P	7/8/2008	14:37	SUPERTRACE	107080W
	Zinc	10.000	U	10.000	10.000	P	7/8/2008	14:37	SUPERTRACE	107080W
ICB										
	Antimony	20.000	U	20.000	20.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/16/2008	21:00	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/16/2008	21:00	SUPERTRACE	1071608

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/16/2008	21:31	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/16/2008	21:31	SUPERTRACE	1071608
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/16/2008	22:41	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/16/2008	22:41	SUPERTRACE	1071608

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates

SDG No.: 7595

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/16/2008	23:50	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/16/2008	23:50	SUPERTRACE	1071608
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/17/2008	01:02	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/17/2008	01:02	SUPERTRACE	1071608

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Arsenic	10.000	U	10.000	10.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Beryllium	2.000	U	2.000	2.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Cadmium	1.000	U	1.000	1.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Chromium	4.000	U	4.000	4.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Copper	10.000	U	10.000	10.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Lead	5.000	U	5.000	5.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Nickel	10.000	U	10.000	10.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Selenium	15.000	U	15.000	15.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Silver	3.000	U	3.000	3.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Thallium	20.000	U	20.000	20.000	P	7/17/2008	02:11	SUPERTRACE	1071608
	Zinc	10.000	U	10.000	10.000	P	7/17/2008	02:11	SUPERTRACE	1071608
ICB										
	Antimony	20.000	U	20.000	20.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Arsenic	10.000	U	10.000	10.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Beryllium	2.000	U	2.000	2.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Chromium	4.000	U	4.000	4.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Copper	10.000	U	10.000	10.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Lead	5.000	U	5.000	5.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Nickel	10.000	U	10.000	10.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Selenium	15.000	U	15.000	15.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Silver	3.000	U	3.000	3.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Thallium	20.000	U	20.000	20.000	P	7/17/2008	04:11	SUPERTRACE	1071608II
	Zinc	10.000	U	10.000	10.000	P	7/17/2008	04:11	SUPERTRACE	1071608II

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Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Arsenic	10.000	U	10.000	10.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Beryllium	2.000	U	2.000	2.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Chromium	4.000	U	4.000	4.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Copper	10.000	U	10.000	10.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Lead	5.000	U	5.000	5.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Nickel	10.000	U	10.000	10.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Selenium	15.000	U	15.000	15.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Silver	3.000	U	3.000	3.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Thallium	20.000	U	20.000	20.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
	Zinc	10.000	U	10.000	10.000	P	7/17/2008	04:41	SUPERTRACE	1071608II
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Arsenic	10.000	U	10.000	10.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Beryllium	2.000	U	2.000	2.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Chromium	4.000	U	4.000	4.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Copper	10.000	U	10.000	10.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Lead	5.000	U	5.000	5.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Nickel	10.000	U	10.000	10.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Selenium	15.000	U	15.000	15.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Silver	3.000	U	3.000	3.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Thallium	20.000	U	20.000	20.000	P	7/17/2008	05:53	SUPERTRACE	1071608II
	Zinc	10.000	U	10.000	10.000	P	7/17/2008	05:53	SUPERTRACE	1071608II

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	09:00	SUPERTRACE2	A07010x
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	09:29	SUPERTRACE2	A07010x

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	10:43	SUPERTRACE2	A07010x
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	11:54	SUPERTRACE2	A07010x

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	13:08	SUPERTRACE2	A07010x
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	14:14	SUPERTRACE2	A07010x

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Arsenic	10.000	U	10.000	10.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Beryllium	2.000	U	2.000	2.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Cadmium	1.000	U	1.000	1.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Chromium	4.000	U	4.000	4.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Copper	10.000	U	10.000	10.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Lead	5.000	U	5.000	5.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Nickel	10.000	U	10.000	10.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Selenium	15.000	U	15.000	15.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Silver	3.000	U	3.000	3.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Thallium	20.000	U	20.000	20.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
	Zinc	10.000	U	10.000	10.000	P	7/1/2008	15:42	SUPERTRACE2	A07010x
ICB										
	Antimony	20.000	U	20.000	20.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Arsenic	10.000	U	10.000	10.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Beryllium	2.000	U	2.000	2.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Cadmium	1.000	U	1.000	1.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Chromium	4.000	U	4.000	4.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Copper	10.000	U	10.000	10.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Lead	5.000	U	5.000	5.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Nickel	10.000	U	10.000	10.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Selenium	15.000	U	15.000	15.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Silver	3.000	U	3.000	3.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Thallium	20.000	U	20.000	20.000	P	7/2/2008	10:34	SUPERTRACE2	A070208
	Zinc	10.000	U	10.000	10.000	P	7/2/2008	10:34	SUPERTRACE2	A070208

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Arsenic	10.000	U	10.000	10.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Beryllium	2.000	U	2.000	2.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Cadmium	1.000	U	1.000	1.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Chromium	4.000	U	4.000	4.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Copper	10.000	U	10.000	10.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Lead	5.000	U	5.000	5.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Nickel	10.000	U	10.000	10.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Selenium	15.000	U	15.000	15.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Silver	3.000	U	3.000	3.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Thallium	20.000	U	20.000	20.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
	Zinc	10.000	U	10.000	10.000	P	7/2/2008	11:02	SUPERTRACE2	A070208
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Arsenic	10.000	U	10.000	10.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Beryllium	2.000	U	2.000	2.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Cadmium	1.000	U	1.000	1.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Chromium	4.000	U	4.000	4.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Copper	10.000	U	10.000	10.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Lead	5.000	U	5.000	5.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Nickel	10.000	U	10.000	10.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Selenium	15.000	U	15.000	15.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Silver	3.000	U	3.000	3.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Thallium	20.000	U	20.000	20.000	P	7/2/2008	12:14	SUPERTRACE2	A070208
	Zinc	10.000	U	10.000	10.000	P	7/2/2008	12:14	SUPERTRACE2	A070208

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB										
	Antimony	20.000	U	20.000	20.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Arsenic	10.000	U	10.000	10.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Beryllium	2.000	U	2.000	2.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Cadmium	1.000	U	1.000	1.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Chromium	4.000	U	4.000	4.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Copper	10.000	U	10.000	10.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Lead	5.000	U	5.000	5.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Nickel	10.000	U	10.000	10.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Selenium	15.000	U	15.000	15.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Silver	3.000	U	3.000	3.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Thallium	20.000	U	20.000	20.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
	Zinc	10.000	U	10.000	10.000	P	7/2/2008	13:29	SUPERTRACE2	A070208
ICB										
	Cadmium	1.000	U	1.000	1.000	P	7/17/2008	11:02	SUPERTRACE2	A07170x
CCB										
	Cadmium	1.000	U	1.000	1.000	P	7/17/2008	11:30	SUPERTRACE2	A07170x
CCB										
	Cadmium	1.000	U	1.000	1.000	P	7/17/2008	12:42	SUPERTRACE2	A07170x
ICB										
	Mercury	0.120	U	0.120	0.120	CV	7/2/2008	13:48	LEEMAN PS20	G07028S1
CCB										
	Mercury	0.120	U	0.120	0.120	CV	7/2/2008	13:52	LEEMAN PS20	G07028S1
CCB										
	Mercury	0.120	U	0.120	0.120	CV	7/2/2008	14:10	LEEMAN PS20	G07028S1

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
CCB	Mercury	0.120	U	0.120	0.120	CV	7/2/2008	14:23	LEEMAN PS20	G07028S1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/2/2008	14:36	LEEMAN PS20	G07028S1
ICB	Mercury	0.120	U	0.120	0.120	CV	7/8/2008	13:22	LEEMAN PS20	G07088S1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/8/2008	13:28	LEEMAN PS20	G07088S1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/8/2008	13:44	LEEMAN PS20	G07088S1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/8/2008	14:02	LEEMAN PS20	G07088S1
ICB	Mercury	0.120	U	0.120	0.120	CV	7/16/2008	17:19	LEEMAN PS20	G07168W1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/16/2008	17:23	LEEMAN PS20	G07168W1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/16/2008	17:43	LEEMAN PS20	G07168W1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/16/2008	18:00	LEEMAN PS20	G07168W1
CCB	Mercury	0.120	U	0.120	0.120	CV	7/16/2008	18:19	LEEMAN PS20	G07168W1

LaBella Associates

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	10:25	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	10:29	LEEMAN PS20	H06308S1
CCB	Mercury	-0.137		0.120	0.120	CV	6/30/2008	10:45	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	11:01	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	11:20	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	11:38	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	11:56	LEEMAN PS20	H06308S1
CCB	Mercury	0.120	U	0.120	0.120	CV	6/30/2008	12:07	LEEMAN PS20	H06308S1

LaBella Associates

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PREPARATION BLANK SUMMARY

Client: LaBella Associates

SDG No.: 7595

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

Sample ID	Analyte	Result (mg/Kg)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD837248-07/02/08		SOIL									
	Mercury	0.017	U		0.017	0.017	CV	7/2/2008	14:19	LEEMAN PS20	G07028S1
AD836343-06/30/08		SOIL									
	Mercury	0.017	U		0.017	0.017	CV	6/30/2008	11:59	LEEMAN PS20	H06308S1
AD837077-07/01/08		SOIL									
	Antimony	15.000	U		15.000	15.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Arsenic	2.000	U		2.000	2.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Beryllium	0.200	U		0.200	0.200	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Cadmium	0.200	U		0.200	0.200	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Chromium	0.500	U		0.500	0.500	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Copper	1.000	U		1.000	1.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Lead	1.000	U		1.000	1.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Nickel	0.500	U		0.500	0.500	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Selenium	4.000	U		4.000	4.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Silver	0.500	U		0.500	0.500	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Thallium	6.000	U		6.000	6.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
	Zinc	2.000	U		2.000	2.000	P	7/2/2008	11:08	SUPERTRACE2	A070208
AD836695-06/27/08		SOIL									
	Antimony	15.000	U		15.000	15.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Arsenic	2.000	U		2.000	2.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Beryllium	0.200	U		0.200	0.200	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Cadmium	0.200	U		0.200	0.200	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Chromium	0.500	U		0.500	0.500	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Copper	1.000	U		1.000	1.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Lead	1.000	U		1.000	1.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Nickel	0.500	U		0.500	0.500	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Selenium	4.000	U		4.000	4.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Silver	0.500	U		0.500	0.500	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Thallium	6.000	U		6.000	6.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x
	Zinc	2.000	U		2.000	2.000	P	7/1/2008	13:24	SUPERTRACE2	A07010x

LaBella Associates

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PREPARATION BLANK SUMMARY

Client: LaBella AssociatesSDG No.: 7595Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD839791-07/16/08		WATER									
	Mercury	-0.270			0.200	0.200	CV	7/16/2008	18:13	LEEMAN PS20	G07168W1
AD837794-07/08/08		SOIL									
	Antimony	15.000	U		15.000	15.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Arsenic	2.000	U		2.000	2.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Beryllium	0.200	U		0.200	0.200	P	7/8/2008	12:37	SUPERTRACE	107080W
	Cadmium	0.200	U		0.200	0.200	P	7/8/2008	12:37	SUPERTRACE	107080W
	Chromium	0.500	U		0.500	0.500	P	7/8/2008	12:37	SUPERTRACE	107080W
	Copper	1.000	U		1.000	1.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Lead	1.000	U		1.000	1.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Nickel	0.500	U		0.500	0.500	P	7/8/2008	12:37	SUPERTRACE	107080W
	Selenium	4.000	U		4.000	4.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Silver	0.500	U		0.500	0.500	P	7/8/2008	12:37	SUPERTRACE	107080W
	Thallium	6.000	U		6.000	6.000	P	7/8/2008	12:37	SUPERTRACE	107080W
	Zinc	2.000	U		2.000	2.000	P	7/8/2008	12:37	SUPERTRACE	107080W
AD837917-07/08/08		SOIL									
	Mercury	0.017	U		0.017	0.017	CV	7/8/2008	13:58	LEEMAN PS20	G07088S1
AD839644-07/16/08		WATER									
	Antimony	20.000	U		20.000	20.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Arsenic	10.000	U		10.000	10.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Beryllium	2.000	U		2.000	2.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Cadmium	1.000	U		1.000	1.000	P	7/17/2008	11:59	SUPERTRACE2	A07170x
	Chromium	4.000	U		4.000	4.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Copper	10.000	U		10.000	10.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Lead	5.000	U		5.000	5.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Nickel	10.000	U		10.000	10.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Selenium	15.000	U		15.000	15.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Silver	3.000	U		3.000	3.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Thallium	20.000	U		20.000	20.000	P	7/17/2008	04:47	SUPERTRACE	1071608II
	Zinc	10.000	U		10.000	10.000	P	7/17/2008	04:47	SUPERTRACE	1071608II

LaBella Associates

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

ICP ID Number: SUPERTRACE

ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Antimony		600	-3.3	601	100			
Arsenic		100	1.5	100	100			
Beryllium		500	0.38	498	100			
Cadmium		1000	0.91	941	94			
Chromium		500	-0.35	508	102			
Copper		500	4.6	513	103			
Lead		50	3.0	52.9	106			
Nickel		1000	0.70	920	92			
Selenium		50	-0.41	52.4	105			
Silver		200	-1.6	210	105			
Thallium		100	-7.1	88.3	88			
Zinc		1000	0.00	950	95			

LaBella Associates

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595
 ICP ID Number: SUPERTRACE ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Antimony		600	-0.39	636	106			
Arsenic		100	0.72	98.5	98			
Beryllium		500	0.77	494	99			
Cadmium		1000	2.8	971	97			
Chromium		500	0.080	508	102			
Copper		500	4.9	506	101			
Lead		50	4.6	53.7	107			
Nickel		1000	1.6	936	94			
Selenium		50	-3.6	49.5	99			
Silver		200	-0.56	212	106			
Thallium		100	5.0	103	103			
Zinc		1000	0.17	947	95			

LaBella Associates

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595ICP ID Number: SUPERTRACEICS Source: ULTRAConcentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Antimony		600	-5.1	617	103			
Arsenic		100	-3.2	100	100			
Beryllium		500	0.82	488	98			
Chromium		500	-0.36	501	100			
Copper		500	4.7	510	102			
Lead		50	5.6	52.6	105			
Nickel		1000	0.92	925	92			
Selenium		50	4.6	51.7	103			
Silver		200	-0.67	213	106			
Thallium		100	3.1	92.6	93			
Zinc		1000	0.76	933	93			

LaBella Associates

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595
 ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Antimony		600	1.4	662	110			
Arsenic		100	-2.2	103	103			
Beryllium		500	0.96	512	102			
Cadmium		1000	-0.36	985	98			
Chromium		500	0.60	523	105			
Copper		500	-1.0	522	104			
Lead		50	-1.2	49.5	99			
Nickel		1000	0.19	966	97			
Selenium		50	-4.3	53.9	108			
Silver		200	1.7	216	108			
Thallium		100	-9.8	90.8	91			
Zinc		1000	-3.7	971	97			

LaBella Associates

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595ICP ID Number: SUPERTRACE2 ICS Source: ULTRAConcentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Antimony		600	1.7	634	106			
Arsenic		100	2.1	101	101			
Beryllium		500	0.94	513	103			
Cadmium		1000	0.36	989	99			
Chromium		500	0.27	521	104			
Copper		500	0.42	515	103			
Lead		50	0.32	53.0	106			
Nickel		1000	1.3	959	96			
Selenium		50	-7.1	48.1	96			
Silver		200	-0.18	216	108			
Thallium		100	-11.6	87.1	87			
Zinc		1000	-2.0	976	98			

LaBella Associates

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ICP INTERFERENCE CHECK SAMPLE

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

ICP ID Number: SUPERTRACE2 ICS Source: ULTRA

Concentration Units): ug/L

Analyte	True		Initial Found			Final Found		
	Sol.A	Sol.AB	Sol.A	Sol.AB	%R	Sol.A	Sol.AB	%R
Cadmium		1000	0.36	972	97	0.23	964	96

LaBella Associates

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

SB-002/6-8/MS

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595

Matrix (soil/water): SOIL

Level (low/med):

LOW

% Solids for Sample: 85.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	24.6379		18.3290	U	48.88	50	N	P
Arsenic	75 - 125	61.2043		16.5429		48.88	91		P
Beryllium	75 - 125	43.6366		0.5539		48.88	88		P
Cadmium	75 - 125	43.1307		0.3350		48.88	88		P
Chromium	75 - 125	63.3097		16.9855		48.88	95		P
Copper	75 - 125	60.2879		18.6835		48.88	85		P
Lead	75 - 125	75.9580		28.4757		48.88	97		P
Nickel	75 - 125	52.7278		9.5697		48.88	88		P
Selenium	75 - 125	43.3910		4.8877	U	48.88	89		P
Silver	75 - 125	11.4349		0.6110	U	12.22	94		P
Mercury	75 - 125	0.7059		0.2844		0.40	105		CV
Thallium	75 - 125	43.2113		7.3316	U	48.88	88		P
Zinc	75 - 125	111.5701		70.1541		48.88	85		P

Comments: _____

LaBella Associates

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

SB-002/6-8/SD

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids for Sample: 85.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	23.0258	17.8467 U	47.59	48	N	P
Arsenic	75 - 125	59.3438	16.5429	47.59	90		P
Beryllium	75 - 125	42.8297	0.5539	47.59	89		P
Cadmium	75 - 125	42.0682	0.3350	47.59	88		P
Chromium	75 - 125	62.0720	16.9855	47.59	95		P
Copper	75 - 125	63.1036	18.6835	47.59	93		P
Lead	75 - 125	75.5510	28.4757	47.59	99		P
Nickel	75 - 125	54.4717	9.5697	47.59	94		P
Selenium	75 - 125	42.6953	4.7591 U	47.59	90		P
Silver	75 - 125	11.3112	0.5949 U	11.90	95		P
Mercury	75 - 125	0.6084	0.2844	0.39	83		CV
Thallium	75 - 125	41.5281	7.1387 U	47.59	87		P
Zinc	75 - 125	117.1779	70.1541	47.59	99		P

Comments: _____

LaBella Associates

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-023/MS

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595

Matrix (soil/water): WATER

Level (low/med):

LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	204.9100		20.0000	U	200.00	102		P
Arsenic	75 - 125	211.2100		10.0000	U	200.00	106		P
Beryllium	75 - 125	203.4000		2.0000	U	200.00	102		P
Cadmium	75 - 125	200.1100		1.0000	U	200.00	100		P
Chromium	75 - 125	202.7200		4.0000	U	200.00	101		P
Copper	75 - 125	203.5400		10.0000	U	200.00	102		P
Lead	75 - 125	201.8900		5.0000	U	200.00	101		P
Nickel	75 - 125	202.9700		10.0000	U	200.00	101		P
Selenium	75 - 125	208.5600		15.0000	U	200.00	104		P
Mercury	75 - 125	6.2000		0.2000	U	6.67	93		CV
Silver	75 - 125	52.9000		3.0000	U	50.00	106		P
Thallium	75 - 125	202.6600		20.0000	U	200.00	101		P
Zinc	75 - 125	210.1500		10.0000	U	200.00	105		P

Comments: _____

LaBella Associates

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-023/SD

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595

Matrix (soil/water): WATER

Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	203.0100	20.0000 U	200.00	102		P
Arsenic	75 - 125	208.1500	10.0000 U	200.00	104		P
Beryllium	75 - 125	201.5200	2.0000 U	200.00	101		P
Cadmium	75 - 125	197.6200	1.0000 U	200.00	99		P
Chromium	75 - 125	201.1000	4.0000 U	200.00	101		P
Copper	75 - 125	202.8300	10.0000 U	200.00	101		P
Lead	75 - 125	199.9700	5.0000 U	200.00	100		P
Nickel	75 - 125	201.1400	10.0000 U	200.00	101		P
Selenium	75 - 125	205.6800	15.0000 U	200.00	103		P
Mercury	75 - 125	6.3500	0.2000 U	6.67	95		CV
Silver	75 - 125	52.2100	3.0000 U	50.00	104		P
Thallium	75 - 125	203.7200	20.0000 U	200.00	102		P
Zinc	75 - 125	209.2900	10.0000 U	200.00	105		P

Comments: _____

LaBella Associates
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

SB-002/6-8A

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

Matrix (soil/water): SOIL

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Antimony	| 75 - 125 |	352.88	20.00 | U |	400.0	88		P
Arsenic	| 75 - 125 |	498.79	136.79	400.0	90		P
Beryllium	| 75 - 125 |	372.39	4.58	400.0	92		P
Cadmium	| 75 - 125 |	356.47	2.77	400.0	88		P
Chromium	| 75 - 125 |	505.42	140.45	400.0	91		P
Copper	| 75 - 125 |	523.04	154.49	400.0	92		P
Lead	| 75 - 125 |	591.02	235.46	400.0	89		P
Nickel	| 75 - 125 |	436.33	79.13	400.0	89		P
Selenium	| 75 - 125 |	366.21	15.00 | U |	400.0	92		P
Silver	| 75 - 125 |	94.19	3.00 | U |	100.0	94		P
Thallium	| 75 - 125 |	351.24	20.00 | U |	400.0	88		P
Zinc	| 75 - 125 |	942.04	580.09	400.0	90		P

Comments: _____

LaBella Associates
-5B-

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

MW-023A

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

Matrix (soil/water): WATER

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Antimony	| 75 - 125 |	208.85 |	20.00 | U |	200.0	104		P
Arsenic	| 75 - 125 |	215.74 |	10.00 | U |	200.0	108		P
Beryllium	| 75 - 125 |	205.70 |	2.00 | U |	200.0	103		P
Cadmium	| 75 - 125 |	203.55 |	1.00 | U |	200.0	102		P
Chromium	| 75 - 125 |	203.15 |	4.00 | U |	200.0	102		P
Copper	| 75 - 125 |	201.09 |	10.00 | U |	200.0	101		P
Lead	| 75 - 125 |	202.94 |	5.00 | U |	200.0	101		P
Nickel	| 75 - 125 |	202.33 |	10.00 | U |	200.0	101		P
Selenium	| 75 - 125 |	210.64 |	15.00 | U |	200.0	105		P
Silver	| 75 - 125 |	51.32 |	3.00 | U |	50.0	103		P
Thallium	| 75 - 125 |	205.91 |	20.00 | U |	200.0	103		P
Zinc	75 - 125	205.66	10.00 U	200.0	103		P

Comments: _____

TESTAMERICA LABORATORIES INC.**LaBella Associates**

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DUPLICATES

SAMPLE NO.

SB-002/6-8/SD

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595Matrix (soil/water): SOILLevel (low/med): LOW% Solids for Sample: 85.1% Solids for Duplicate: 85.1

Concentration Units (ug/L or mg/kg dry weight):

MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Antimony		24.6379		23.0258		7		P
Arsenic		61.2043		59.3438		3		P
Beryllium		43.6366		42.8297		2		P
Cadmium		43.1307		42.0682		2		P
Chromium		63.3097		62.0720		2		P
Copper		60.2879		63.1036		5		P
Lead		75.9580		75.5510		1		P
Nickel		52.7278		54.4717		3		P
Selenium		43.3910		42.6953		2		P
Silver		11.4349		11.3112		1		P
Mercury		0.7059		0.6084		15		CV
Thallium		43.2113		41.5281		4		P
Zinc		111.5701		117.1779		5		P

TESTAMERICA LABORATORIES INC.

LaBella Associates

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DUPLICATES

SAMPLE NO.

MW-023/SD

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595

Matrix (soil/water): WATER

Level (low/med):

LOW

% Solids for Sample: 0.0

% Solids for Duplicate:

0.0

Concentration Units (ug/L or mg/kg dry weight):

UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Antimony		204.9100		203.0100		1		P
Arsenic		211.2100		208.1500		1		P
Beryllium		203.4000		201.5200		1		P
Cadmium		200.1100		197.6200		1		P
Chromium		202.7200		201.1000		1		P
Copper		203.5400		202.8300		0		P
Lead		201.8900		199.9700		1		P
Nickel		202.9700		201.1400		1		P
Selenium		208.5600		205.6800		1		P
Mercury		6.2000		6.3500		2		CV
Silver		52.9000		52.2100		1		P
Thallium		202.6600		203.7200		1		P
Zinc		210.1500		209.2900		0		P

LaBella Associates

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LABORATORY CONTROL SAMPLE

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595Solid LCS Source: D055-540Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits	%R	
Antimony				107.0	86.5		5.5	226	81
Arsenic				88.8	82.3		71.8	106	93
Beryllium				61.3	56.6		50.9	71.7	92
Cadmium				63.0	59.3		51.7	74.3	94
Chromium				97.9	86.4		77.2	118	88
Copper				87.0	79.1		71.7	102	91
Lead				88.9	81.8		72.7	105	92
Nickel				116.0	109.7		95.8	136	95
Selenium				155.0	150.1		120	190	97
Silver				81.6	74.8		54.1	109	92
Thallium				131.0	127.4		101	161	97
Zinc				230.0	211.7		182	278	92

Comments: _____

LaBella Associates

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LABORATORY CONTROL SAMPLE

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Solid LCS Source: D055-540Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Antimony	200.0	210.84	105					
Arsenic	200.0	207.58	104					
Beryllium	200.0	207.56	104					
Cadmium	200.0	203.30	102					
Chromium	200.0	207.32	104					
Copper	200.0	207.07	104					
Lead	200.0	209.31	105					
Nickel	200.0	209.03	105					
Selenium	200.0	210.13	105					
Silver	50.0	53.82	108					
Thallium	200.0	213.52	107					
Zinc	200.0	212.88	106					

Comments: _____

LaBella Associates

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LABORATORY CONTROL SAMPLE

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595Solid LCS Source: D055-540Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits	%R	
Antimony				107.0	65.5		5.5	226	61
Arsenic				88.8	85.9		71.8	106	97
Beryllium				61.3	59.2		50.9	71.7	97
Cadmium				63.0	59.8		51.7	74.3	95
Chromium				97.9	90.1		77.2	118	92
Copper				87.0	83.1		71.7	102	96
Lead				88.9	87.4		72.7	105	98
Nickel				116.0	111.9		95.8	136	96
Selenium				155.0	153.9		120	190	99
Silver				81.6	77.6		54.1	109	95
Thallium				131.0	131.9		101	161	101
Zinc				230.0	218.5		182	278	95

Comments: _____

LaBella Associates

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LABORATORY CONTROL SAMPLE

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Solid LCS Source: D055-540Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits	%R	
Antimony				107.0	61.5		5.5	226	57
Arsenic				88.8	80.8		71.8	106	91
Beryllium				61.3	58.0		50.9	71.7	95
Cadmium				63.0	58.7		51.7	74.3	93
Chromium				97.9	89.0		77.2	118	91
Copper				87.0	79.8		71.7	102	92
Lead				88.9	83.8		72.7	105	94
Nickel				116.0	109.6		95.8	136	94
Selenium				155.0	148.3		120	190	96
Silver				81.6	75.5		54.1	109	93
Thallium				131.0	127.9		101	161	98
Zinc				230.0	216.2		182	278	94

Comments: _____

LaBella Associates

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LABORATORY CONTROL SAMPLE

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595
 Solid LCS Source: D055-540
 Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits	%R	
Mercury				3.9	2.982		2.58	5.17	76

Comments: _____

LaBella Associates

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LABORATORY CONTROL SAMPLE

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595
 Solid LCS Source: D055-540
 Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits	%R	
Mercury				3.9	3.635		2.58	5.17	93

Comments: _____

LaBella Associates

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LABORATORY CONTROL SAMPLE

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

Solid LCS Source: D055-540

Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)				
	True	Found	%R	True	Found	C	Limits	%R
Mercury	3.3	3.13	95					

Comments: _____

LaBella Associates

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LABORATORY CONTROL SAMPLE

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595
 Solid LCS Source: D055-540
 Aqueous LCS Source: ULTRA

Analyte	Aqueous (ug/L)			Solid (mg/kg)					
	True	Found	%R	True	Found	C	Limits	%R	
Mercury				3.9	3.692		2.58	5.17	95

Comments: _____

LaBella Associates

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ICP SERIAL DILUTIONS

SAMPLE NO.

SB-002/6-8L

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595

Matrix (soil/water): SOIL

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Difference	Q	M
Antimony	20.00 U	100.00 U			P
Arsenic	136.79	153.90	13		P
Beryllium	4.58	10.00 U	100.0		P
Cadmium	2.77	5.00 U	100.0		P
Chromium	140.45	154.40	10		P
Copper	154.49	171.00	11	E	P
Lead	235.46	264.55	12	E	P
Nickel	79.13	86.65	10		P
Selenium	3.41	75.00 U	100.0		P
Silver	3.00 U	15.00 U			P
Thallium	20.00 U	100.00 U			P
Zinc	580.09	657.30	13	E	P

Comments:

LaBella Associates

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-023L

Contract: NY06-133

Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595

Matrix (soil/water): WATER

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Antimony	5.48	U	27.40	U			P
Arsenic	9.10		18.50	U	100.0		P
Beryllium	0.22	B	1.35	U	100.0		P
Cadmium	0.43		1.35	U	100.0		P
Chromium	0.75	B	4.40	U	100.0		P
Copper	1.01	B	6.30	U	100.0		P
Lead	1.21		14.50	U	100.0		P
Nickel	1.19	B	5.15	U	100.0		P
Selenium	1.98	B	30.50	U	100.0		P
Silver	1.27	U	6.35	U			P
Thallium	3.09	B	29.40	U	100.0		P
Zinc	8.77		18.00	U	100.0		P

Comments:

LaBella Associates

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

ICP ID Number: SUPERTRACE Date: 5/23/2008

Flame AA ID Number: _____

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	RL (ug/l) mg/kg	RL (ug/l) mg/kg	M
Antimony	206.838		15	15	P
Arsenic	189.042		2	2	P
Beryllium	313.042		0.2	0.2	P
Cadmium	226.502		0.2	0.2	P
Chromium	267.716		0.5	0.5	P
Copper	324.753		1	1	P
Lead	220.353		1	1	P
Nickel	231.604		0.5	0.5	P
Selenium	296.026		4	4	P
Silver	328.068		0.5	0.5	P
Thallium	190.864		6	6	P
Zinc	206.200		2	2	P

Kmo 7/22/08

Comments: _____

LaBella Associates

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595ICP ID Number: SUPERTRACEDate: 5/23/2008

Flame AA ID Number: _____

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	RL (ug/L)	RL (ug/L)	M
Antimony	206.838		20	20	P
Arsenic	189.042		10	10	P
Beryllium	313.042		2	2	P
Cadmium	226.502		1	1	P
Chromium	267.716		4	4	P
Copper	324.753		10	10	P
Lead	220.353		5	5	P
Nickel	231.604		10	10	P
Selenium	296.026		15	15	P
Silver	328.068		3	3	P
Thallium	190.864		20	20	P
Zinc	206.200		10	10	P

Comments: _____

LaBella Associates

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595
 ICP ID Number: SUPERTRACE2 Date: 5/19/2008
 Flame AA ID Number: _____
 Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	RL (ug/L) mg/Kg	RL (ug/L) mg/Kg	M
Antimony	206.838		15	15	P
Arsenic	189.042		2	2	P
Beryllium	313.042		0.2	0.2	P
Cadmium	226.502		0.2	0.2	P
Chromium	267.716		0.5	0.5	P
Copper	324.753		1	1	P
Lead	220.353		1	1	P
Nickel	231.604		0.5	0.5	P
Selenium	296.026		4	4	P
Silver	328.068		0.5	0.5	P
Thallium	190.864		6	6	P
Zinc	206.200		2	2	P

KMS 7/22/08

Comments: _____

LaBella Associates

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595ICP ID Number: SUPERTRACE2Date: 5/19/2008

Flame AA ID Number: _____

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	RL (ug/L)	RL (ug/L)	M
Antimony	206.838		20	20	P
Arsenic	189.042		10	10	P
Beryllium	313.042		2	2	P
Cadmium	226.502		1	1	P
Chromium	267.716		4	4	P
Copper	324.753		10	10	P
Lead	220.353		5	5	P
Nickel	231.604		10	10	P
Selenium	296.026		15	15	P
Silver	328.068		3	3	P
Thallium	190.864		20	20	P
Zinc	206.200		10	10	P

Comments: _____

LaBella Associates

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595

ICP ID Number: _____ Date: 4/2/2008

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	RL (ug/l) <i>mg/kg</i>	RL (ug/l) <i>mg/kg</i>	M
Mercury	253.70		0.02	0.02	CV

KMO 7/22/08

Comments: _____

LaBella Associates

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595
 ICP ID Number: _____ Date: 4/2/2008
 Flame AA ID Number: LEEMAN PS200II
 Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	RL (ug/L)	RL (ug/L)	M
Mercury	253.70		0.2	0.2	CV

Comments: _____

TESTAMERICA LABORATORIES INC.

LaBella Associates

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ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595ICP ID Number: SUPERTRACEDate: 5/13/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Fe	B	Be	Cd
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000250	0.0000000	0.0000000	0.0000200
Antimony	206.84	0.0000000	0.0000250	0.0000000	0.0000000	0.0000200
Arsenic	189.04	0.0000070	-0.0000200	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000070	-0.0000200	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000000	0.0000080	0.0000000	0.0000000	0.0000170
Barium	493.41	0.0000000	0.0000080	0.0000000	0.0000000	0.0000170
Beryllium	313.04	0.0000000	0.0000040	0.0000000	0.0000000	0.0000090
Beryllium	313.04	0.0000000	0.0000040	0.0000000	0.0000000	0.0000090
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000180
Boron	249.68	0.0000000	0.0000000	0.0000000	0.0000000	0.0000180
Cadmium	226.50	0.0000000	0.0000630	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000630	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000070	0.0000030	0.0000000	0.0000080	0.0000160
Chromium	267.72	0.0000070	0.0000030	0.0000000	0.0000080	0.0000160
Cobalt	228.62	0.0000000	0.0000060	0.0000000	0.0000000	-0.0000400
Cobalt	228.62	0.0000000	0.0000060	0.0000000	0.0000000	-0.0000400
Copper	324.75	0.0000000	-0.0000500	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0000500	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0005800	0.0000650	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0005800	0.0000650	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	-0.0003400	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	-0.0003400	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000200	0.0000000	0.0000100	0.0000000
Manganese	257.61	0.0000000	-0.0000200	0.0000000	0.0000100	0.0000000
Molybdenum	202.03	0.0000020	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000020	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

-11A-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595ICP ID Number: SUPERTRACEDate: 5/13/2008

Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000190	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000190	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000010	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000010	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0001170	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.23	0.0001170	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	-0.0000200	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000700	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000700	0.0000000
Vanadium	292.40	0.0000000	0.0000200	0.0000000	0.0000210	0.0000000
Vanadium	292.40	0.0000000	0.0000200	0.0000000	0.0000210	0.0000000
Zinc	206.20	0.0000000	-0.0000600	0.0000000	0.0000000	-0.0000100
Zinc	206.20	0.0000000	-0.0000600	0.0000000	0.0000000	-0.0000100

Comments:

TESTAMERICA LABORATORIES INC.

LaBella Associates

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595ICP ID Number: SUPERTRACEDate: 5/13/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Co	Cr	Mn	Na	Ni
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000150	0.0112360	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000150	0.0112360	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0001160	0.0000000	0.0000000	0.0000200
Arsenic	189.04	0.0000000	0.0001160	0.0000000	0.0000000	0.0000200
Barium	493.41	0.0000100	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.41	0.0000100	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000040	0.0000080	0.0000000	0.0000000	0.0000000
Beryllium	313.04	0.0000040	0.0000080	0.0000000	0.0000000	0.0000000
Boron	249.68	0.0005900	0.0003780	-0.0001400	0.0000000	0.0000000
Boron	249.68	0.0005900	0.0003780	-0.0001400	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000200
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000200
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	-0.0001200	0.0000000	0.0000000	0.0001280
Cobalt	228.62	0.0000000	-0.0001200	0.0000000	0.0000000	0.0001280
Copper	324.75	0.0000000	-0.0001200	0.0000000	0.0000000	0.0000140
Copper	324.75	0.0000000	-0.0001200	0.0000000	0.0000000	0.0000140
Iron	271.44	0.0000000	0.0006500	-0.0001800	0.0000000	0.0000000
Iron	271.44	0.0000000	0.0006500	-0.0001800	0.0000000	0.0000000
Lead	220.35	-0.0000900	0.0000000	0.0000980	0.0000000	0.0003500
Lead	220.35	-0.0000900	0.0000000	0.0000980	0.0000000	0.0003500
Magnesium	279.08	0.0000000	0.0000000	0.0002330	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0002330	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000500	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	-0.0000500	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000560	-0.0002000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000560	-0.0002000	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

LaBella Associates

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595ICP ID Number: SUPERTRACEDate: 5/13/2008

Nickel	231.60	-0.0009900	0.0000000	-0.0001300	0.0000020	0.0000000
Nickel	231.60	-0.0009900	0.0000000	-0.0001300	0.0000020	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.02	0.0002150	0.0000000	0.0006400	0.0000000	0.0000000
Selenium	196.02	0.0002150	0.0000000	0.0006400	0.0000000	0.0000000
Silver	328.07	0.0000140	0.0000200	-0.0000200	0.0000010	0.0000100
Silver	328.07	0.0000140	0.0000200	-0.0000200	0.0000010	0.0000100
Sodium	330.23	0.0000000	0.0000000	0.0010000	0.0000000	0.0000000
Sodium	330.23	0.0000000	0.0000000	0.0010000	0.0000000	0.0000000
Thallium	190.86	-0.0002400	0.0001300	-0.0013800	0.0000000	0.0000000
Thallium	190.86	-0.0002400	0.0001300	-0.0013800	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000080	0.0000100	0.0000130	0.0000000	0.0000170
Titanium	337.28	0.0000080	0.0000100	0.0000130	0.0000000	0.0000170
Vanadium	292.40	0.0000000	0.0000220	0.0000000	0.0000000	0.0000080
Vanadium	292.40	0.0000000	0.0000220	0.0000000	0.0000000	0.0000080
Zinc	206.20	-0.0000200	-0.0001300	0.0000000	0.0000000	-0.0000200
Zinc	206.20	-0.0000200	-0.0001300	0.0000000	0.0000000	-0.0000200

Comments: _____

TESTAMERICA LABORATORIES INC.

LaBella Associates

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.:

SAS No.:

SDG NO.: 7595

ICP ID Number:

SUPERTRACE

Date:

5/13/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Pb	Sb	Se	Tl	V
Aluminum	308.22	0.000000	0.000000	0.000000	0.000000	0.0187900
Aluminum	308.22	0.000000	0.000000	0.000000	0.000000	0.0187900
Antimony	206.84	0.000000	0.000000	0.000000	0.000000	0.0001000
Antimony	206.84	0.000000	0.000000	0.000000	0.000000	0.0001000
Arsenic	189.04	0.000000	0.000000	0.000000	0.000000	0.0000470
Arsenic	189.04	0.000000	0.000000	0.000000	0.000000	0.0000470
Barium	493.41	0.000000	0.000000	0.000000	0.000030	0.0000000
Barium	493.41	0.000000	0.000000	0.000000	0.000030	0.0000000
Beryllium	313.04	0.000000	0.000000	0.000000	0.000000	0.0006870
Beryllium	313.04	0.000000	0.000000	0.000000	0.000000	0.0006870
Boron	249.68	0.000000	0.000000	0.000000	0.000000	0.0000000
Boron	249.68	0.000000	0.000000	0.000000	0.000000	0.0000000
Cadmium	226.50	0.000000	0.000000	0.000000	0.000000	0.0000020
Cadmium	226.50	0.000000	0.000000	0.000000	0.000000	0.0000020
Calcium	317.93	0.000000	0.000000	0.000000	0.000000	0.0000000
Calcium	317.93	0.000000	0.000000	0.000000	0.000000	0.0000000
Chromium	267.72	0.000000	0.000000	0.000000	0.000000	0.0000000
Chromium	267.72	0.000000	0.000000	0.000000	0.000000	0.0000000
Cobalt	228.62	0.000000	0.000000	0.000000	0.000000	0.0000000
Cobalt	228.62	0.000000	0.000000	0.000000	0.000000	0.0000000
Copper	324.75	0.000000	0.000000	0.000000	0.0000100	0.0000170
Copper	324.75	0.000000	0.000000	0.000000	0.0000100	0.0000170
Iron	271.44	0.000000	0.000000	0.000000	-0.0001900	0.0078500
Iron	271.44	0.000000	0.000000	0.000000	-0.0001900	0.0078500
Lead	220.35	0.000000	0.000000	0.000000	0.0000400	0.0000000
Lead	220.35	0.000000	0.000000	0.000000	0.0000400	0.0000000
Magnesium	279.08	0.000000	0.000000	0.000000	0.0000000	0.0002700
Magnesium	279.08	0.000000	0.000000	0.000000	0.0000000	0.0002700
Manganese	257.61	0.000000	0.000000	0.000000	0.0000440	0.0000000
Manganese	257.61	0.000000	0.000000	0.000000	0.0000440	0.0000000
Molybdenum	202.03	0.000000	0.000000	0.000000	0.0000000	0.0000140
Molybdenum	202.03	0.000000	0.000000	0.000000	0.0000000	0.0000140

Comments:

LaBella Associates

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ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

ICP ID Number: SUPERTRACE

Date: 5/13/2008

Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0001100	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0001100	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	-0.0004300	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	-0.0004300	0.0000000
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0003100
Selenium	196.02	0.0000000	0.0000000	0.0000000	0.0000000	0.0003100
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000090	-0.0000400
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000090	-0.0000400
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0025000
Sodium	330.23	0.0000000	0.0000000	0.0000000	0.0000000	0.0025000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	-0.0023300
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	-0.0023300
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.99	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

LaBella Associates

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ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

ICP ID Number: SUPERTRACE

Date: 5/13/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:			
		Zn	Rh		
Aluminum	308.22	0.000000	0.000000		
Aluminum	308.22	0.000000	0.000000		
Antimony	206.84	0.000000	0.000000		
Antimony	206.84	0.000000	0.000000		
Arsenic	189.04	0.000000	0.000000		
Arsenic	189.04	0.000000	0.000000		
Barium	493.41	0.000000	0.000000		
Barium	493.41	0.000000	0.000000		
Beryllium	313.04	0.000000	0.000000		
Beryllium	313.04	0.000000	0.000000		
Boron	249.68	0.000000	0.000000		
Boron	249.68	0.000000	0.000000		
Cadmium	226.50	0.000000	0.000000		
Cadmium	226.50	0.000000	0.000000		
Calcium	317.93	0.000000	0.000000		
Calcium	317.93	0.000000	0.000000		
Chromium	267.72	0.000000	0.000000		
Chromium	267.72	0.000000	0.000000		
Cobalt	228.62	0.000000	0.000000		
Cobalt	228.62	0.000000	0.000000		
Copper	324.75	0.000000	0.000000		
Copper	324.75	0.000000	0.000000		
Iron	271.44	0.000000	0.000000		
Iron	271.44	0.000000	0.000000		
Lead	220.35	0.000000	0.000000		
Lead	220.35	0.000000	0.000000		
Magnesium	279.08	0.000000	0.000000		
Magnesium	279.08	0.000000	0.000000		
Manganese	257.61	0.000000	0.000000		
Manganese	257.61	0.000000	0.000000		
Molybdenum	202.03	0.000000	0.000000		
Molybdenum	202.03	0.000000	0.000000		

Comments: _____

LaBella Associates

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595
 ICP ID Number: SUPERTRACE Date: 5/13/2008

Nickel	231.60	0.0000000	0.0000000			
Nickel	231.60	0.0000000	0.0000000			
Potassium	766.49	0.0000000	0.0000000			
Potassium	766.49	0.0000000	0.0000000			
Selenium	196.02	0.0000000	0.0000000			
Selenium	196.02	0.0000000	0.0000000			
Silver	328.07	0.0000000	0.0000000			
Silver	328.07	0.0000000	0.0000000			
Sodium	330.23	0.0000000	0.0000000			
Sodium	330.23	0.0000000	0.0000000			
Thallium	190.86	0.0000000	0.0000000			
Thallium	190.86	0.0000000	0.0000000			
Tin	189.99	0.0000000	0.0000000			
Tin	189.99	0.0000000	0.0000000			
Titanium	337.28	0.0000000	0.0000000			
Titanium	337.28	0.0000000	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Vanadium	292.40	0.0000000	0.0000000			
Zinc	206.20	0.0000000	0.0000000			
Zinc	206.20	0.0000000	0.0000000			

Comments: _____

LaBella Associates

-11A-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595ICP ID Number: SUPERTRACE2Date: 5/14/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	B	Be
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000200	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000000	0.0000200	0.0000000	0.0000000
Arsenic	189.042	0.0000020	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000020	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000030	0.0000000	0.0000200	0.0000000	0.0000000
Cadmium	226.502	0.0000030	0.0000000	0.0000200	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002800	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	-0.0002800	0.0000000	0.0000000
Chromium	267.716	0.0000090	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000090	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000110	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000110	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.352	0.0005300	0.0000000	0.0000400	0.0000000	0.0000000
Lead	220.352	0.0005300	0.0000000	0.0000400	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000020	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000020	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

TESTAMERICA LABORATORIES INC.

LaBella Associates

-11A-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595ICP ID Number: SUPERTRACE2Date: 5/14/2008

Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000120	0.0000000	-0.0000300	0.0000000	0.0000000
Selenium	196.021	0.0000120	0.0000000	-0.0000300	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001800	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	-0.0001800	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000010	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000010	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000160	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000160	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000170	-0.0000600	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000170	-0.0000600	0.0000000	0.0000000

Comments: _____

LaBella Associates

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595ICP ID Number: SUPERTRACE2Date: 5/14/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cd	Co	Cr	Cu	Mn
Aluminum	308.215	0.000000	0.000000	0.0010060	0.000000	0.000000
Aluminum	308.215	0.000000	0.000000	0.0010060	0.000000	0.000000
Antimony	206.838	0.000000	0.000000	0.0040800	0.000000	0.000000
Antimony	206.838	0.000000	0.000000	0.0040800	0.000000	0.000000
Arsenic	189.042	0.000000	0.000000	-0.0022400	0.000000	0.000000
Arsenic	189.042	0.000000	0.000000	-0.0022400	0.000000	0.000000
Barium	493.409	0.000000	0.000000	0.000000	0.000000	0.000000
Barium	493.409	0.000000	0.000000	0.000000	0.000000	0.000000
Beryllium	313.042	0.000000	0.000000	0.000000	0.000000	0.000000
Beryllium	313.042	0.000000	0.000000	0.000000	0.000000	0.000000
Boron	249.678	0.000000	0.0002700	0.0004600	0.000000	0.000000
Boron	249.678	0.000000	0.0002700	0.0004600	0.000000	0.000000
Cadmium	226.502	0.000000	0.000000	0.000000	0.000000	0.000000
Cadmium	226.502	0.000000	0.000000	0.000000	0.000000	0.000000
Calcium	317.90	0.000000	0.000000	0.000000	0.000000	0.000000
Calcium	317.90	0.000000	0.000000	0.000000	0.000000	0.000000
Chromium	267.716	0.000000	0.000000	0.000000	0.000000	-0.0003200
Chromium	267.716	0.000000	0.000000	0.000000	0.000000	-0.0003200
Cobalt	228.616	0.000000	0.000000	-0.0002300	0.000000	0.000000
Cobalt	228.616	0.000000	0.000000	-0.0002300	0.000000	0.000000
Copper	324.753	0.000000	0.000000	0.000000	0.000000	0.000000
Copper	324.753	0.000000	0.000000	0.000000	0.000000	0.000000
Iron	271.441	0.000000	0.000000	0.0004400	0.000000	0.000000
Iron	271.441	0.000000	0.000000	0.0004400	0.000000	0.000000
Lead	220.352	0.000000	0.000000	0.000000	0.000000	0.0001800
Lead	220.352	0.000000	0.000000	0.000000	0.000000	0.0001800
Magnesium	279.00	0.000000	0.000000	0.000000	0.000000	0.000000
Magnesium	279.00	0.000000	0.000000	0.000000	0.000000	0.000000
Manganese	257.610	0.000000	0.000000	0.000000	0.000000	0.000000
Manganese	257.610	0.000000	0.000000	0.000000	0.000000	0.000000
Molybdenum	202.030	0.000000	-0.0000100	0.000000	0.000000	-0.0002100
Molybdenum	202.030	0.000000	-0.0000100	0.000000	0.000000	-0.0002100

Comments: _____

LaBella Associates

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

ICP ID Number: SUPERTRACE2

Date: 5/14/2008

Nickel	231.604	0.0000000	-0.0008400	0.0000000	0.0000000	-0.0001500
Nickel	231.604	0.0000000	-0.0008400	0.0000000	0.0000000	-0.0001500
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0001230	0.0000000	0.0000000	0.0006810
Selenium	196.021	0.0000000	0.0001230	0.0000000	0.0000000	0.0006810
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0077100	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	-0.0077100	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0012400	0.0001000	0.0000300	0.0007830
Thallium	190.864	0.0000000	-0.0012400	0.0001000	0.0000300	0.0007830
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0002900	0.0007690	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0002900	0.0007690	0.0000000

Comments: _____

LaBella Associates

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595ICP ID Number: SUPERTRACE2Date: 5/14/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Na	Ni	Pb	Sb	Se
Aluminum	308.215	0.000000	0.000000	0.000000	0.000000	0.000000
Aluminum	308.215	0.000000	0.000000	0.000000	0.000000	0.000000
Antimony	206.838	0.000000	0.000000	0.000000	0.000000	0.000000
Antimony	206.838	0.000000	0.000000	0.000000	0.000000	0.000000
Arsenic	189.042	0.000000	0.000000	0.000000	0.000000	0.000000
Arsenic	189.042	0.000000	0.000000	0.000000	0.000000	0.000000
Barium	493.409	0.000000	0.000000	0.000000	0.000000	0.000000
Barium	493.409	0.000000	0.000000	0.000000	0.000000	0.000000
Beryllium	313.042	0.000000	0.000000	0.000000	0.000000	0.000000
Beryllium	313.042	0.000000	0.000000	0.000000	0.000000	0.000000
Boron	249.678	0.000000	0.000000	0.000000	0.000000	0.000000
Boron	249.678	0.000000	0.000000	0.000000	0.000000	0.000000
Cadmium	226.502	0.000000	0.000000	0.000000	0.000000	0.000000
Cadmium	226.502	0.000000	0.000000	0.000000	0.000000	0.000000
Calcium	317.90	0.000000	0.000000	0.000000	0.000000	0.000000
Calcium	317.90	0.000000	0.000000	0.000000	0.000000	0.000000
Chromium	267.716	0.000000	0.000000	0.000000	0.000000	0.000000
Chromium	267.716	0.000000	0.000000	0.000000	0.000000	0.000000
Cobalt	228.616	0.000000	0.000000	0.000000	0.000000	0.000000
Cobalt	228.616	0.000000	0.000000	0.000000	0.000000	0.000000
Copper	324.753	0.000000	0.000000	0.000000	0.000000	0.000000
Copper	324.753	0.000000	0.000000	0.000000	0.000000	0.000000
Iron	271.441	0.000000	0.000000	0.000000	0.000000	0.000000
Iron	271.441	0.000000	0.000000	0.000000	0.000000	0.000000
Lead	220.352	0.000000	-0.003690	0.000000	0.000000	0.000000
Lead	220.352	0.000000	-0.003690	0.000000	0.000000	0.000000
Magnesium	279.00	0.000000	0.000000	0.000000	0.000000	0.000000
Magnesium	279.00	0.000000	0.000000	0.000000	0.000000	0.000000
Manganese	257.610	0.000000	0.000000	0.000000	0.000000	0.000000
Manganese	257.610	0.000000	0.000000	0.000000	0.000000	0.000000
Molybdenum	202.030	0.000000	0.000000	0.000000	0.000000	0.000000
Molybdenum	202.030	0.000000	0.000000	0.000000	0.000000	0.000000

Comments: _____

LaBella Associates

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

ICP ID Number: SUPERTRACE2

Date: 5/14/2008

Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

LaBella Associates

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595
 ICP ID Number: SUPERTRACE2 Date: 5/14/2008

Analyte	Wave-length (nm)	Interelement Correction Factors for:			
		Tl	V	Zn	Rh
Aluminum	308.215	0.0000000	0.0125200	0.0000000	0.0000000
Aluminum	308.215	0.0000000	0.0125200	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000260	0.0000000	0.0000000
Antimony	206.838	0.0000000	0.0000260	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.042	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0001640	0.0000000	0.0000000
Beryllium	313.042	0.0000000	0.0001640	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000
Boron	249.678	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	317.90	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	-0.0000600	0.0000000	0.0000000
Chromium	267.716	0.0000000	-0.0000600	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.753	0.0000000	0.0000000	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0086290	0.0000000	0.0000000
Iron	271.441	0.0000000	0.0086290	0.0000000	0.0000000
Lead	220.352	0.0000000	-0.0000500	0.0000000	0.0000000
Lead	220.352	0.0000000	-0.0000500	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.00	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.030	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

LaBella Associates

-11B-

ICP INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595

ICP ID Number: SUPERTRACE2

Date: 5/14/2008

Nickel	231.604	0.0001020	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0001020	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.491	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.021	0.0000740	0.0002250	0.0000000	0.0000000
Selenium	196.021	0.0000740	0.0002250	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	330.232	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0008900	0.0000000	0.0000000
Thallium	190.864	0.0000000	-0.0008900	0.0000000	0.0000000
Tin	189.989	0.0000230	0.0000000	0.0000000	0.0000000
Tin	189.989	0.0000230	0.0000000	0.0000000	0.0000000
Titanium	337.28	0.0000000	-0.0000700	0.0000000	0.0000000
Titanium	337.28	0.0000000	-0.0000700	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000

Comments: _____

LaBella Associates
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ICP LINEAR RANGES (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595ICP ID Number: SUPERTRACE Date: 5/28/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Antimony	15.00	50000	P
Arsenic	15.00	20000	P
Beryllium	15.00	5000	P
Cadmium	15.00	30000	P
Chromium	15.00	40000	P
Copper	15.00	25000	P
Lead	15.00	80000	P
Nickel	15.00	25000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Thallium	15.00	40000	P
Zinc	15.00	10000	P

Comments: _____

LaBella Associates
-12-
ICP LINEAR RANGES (QUARTERLY)

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595ICP ID Number: SUPERTRACE2Date: 5/30/2008

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Antimony	15.00	50000	P
Arsenic	15.00	20000	P
Beryllium	15.00	5000	P
Cadmium	15.00	30000	P
Chromium	15.00	20000	P
Copper	15.00	25000	P
Lead	15.00	80000	P
Nickel	15.00	25000	P
Selenium	15.00	40000	P
Silver	15.00	2000	P
Thallium	15.00	40000	P
Zinc	15.00	10000	P

Comments: _____

LaBella Associates

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PREPARATION LOG

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595Method: PPrep Method: 3050B

Sample ID	Preparation Date	Initial Weight (g)	Final Volume (mL)
SB-036/7.5-8 (ROC)	6/30/2008	0.48	50.0
AD836694/LCS	6/30/2008	0.50	50.0
AD836695/MBLK	6/30/2008	0.50	50.0

Comments:

LaBella Associates

-13-

PREPARATION LOG

Contract: NY06-133Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: 7595Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Weight (g)	Final Volume (mL)
SB-036/7.5-8 (ROC)	6/30/2008	0.58	50.0
AD836342/LCS	6/30/2008	0.05	50.0
AD836343/MBLK	6/30/2008	0.60	50.0

Comments:

LaBella Associates

-13-

PREPARATION LOG

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595Method: PPrep Method: 3050B

Sample ID	Preparation Date	Initial Weight (g)	Final Volume (mL)
SB-050/0-1 (ROC)	7/1/2008	0.52	50.0
SB-050/6-8	7/1/2008	0.50	50.0
AD837076/LCS	7/1/2008	0.50	50.0
AD837077/MBLK	7/1/2008	0.50	50.0

Comments:

LaBella Associates

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PREPARATION LOG

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595Method: CV

Prep Method: _____

Sample ID	Preparation Date	Initial Weight (g)	Final Volume (mL)
SB-050/0-1 (ROC)	7/2/2008	0.58	50.0
SB-050/6-8	7/2/2008	0.61	50.0
AD837247/LCS	7/2/2008	0.05	50.0
AD837248/MBLK	7/2/2008	0.60	50.0

Comments:

LaBella Associates

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PREPARATION LOG

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595Method: PPrep Method: 3050B

Sample ID	Preparation Date	Initial Weight (g)	Final Volume (mL)
SB-51/0-1 (ROC)	7/8/2008	0.49	50.0
SB-53/0-1 (ROC)	7/8/2008	0.53	50.0
SB-002/6-8	7/8/2008	0.49	50.0
SB-002/6-8/MS	7/8/2008	0.48	50.0
SB-002/6-8/SD	7/8/2008	0.49	50.0
SB-018/4-6	7/8/2008	0.51	50.0
SB-070/6-7.5	7/8/2008	0.46	50.0
AD837793/LCS	7/8/2008	0.50	50.0
AD837794/MBLK	7/8/2008	0.50	50.0

Comments:

LaBella Associates

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PREPARATION LOG

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595Method: CV

Prep Method: _____

Sample ID	Preparation Date	Initial Weight (g)	Final Volume (mL)
SB-51/0-1 (ROC)	7/8/2008	0.65	50.0
SB-53/0-1 (ROC)	7/8/2008	0.63	50.0
SB-002/6-8	7/8/2008	0.62	50.0
SB-002/6-8/MS	7/8/2008	0.59	50.0
SB-002/6-8/SD	7/8/2008	0.60	50.0
SB-018/4-6	7/8/2008	0.60	50.0
SB-070/6-7.5	7/8/2008	0.64	50.0
AD837916/LCS	7/8/2008	0.05	50.0
AD837917/MBLK	7/8/2008	0.60	50.0

Comments:

LaBella Associates

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PREPARATION LOG

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595Method: PPrep Method: 3005

Sample ID	Preparation Date	Initial Volume	Final Volume (mL)
MW-069	7/16/2008	50.0	50.0
MW-014	7/16/2008	50.0	50.0
MW-023	7/16/2008	50.0	50.0
MW-023/MS	7/16/2008	50.0	50.0
MW-023/SD	7/16/2008	50.0	50.0
BLIND DUPLICATE	7/16/2008	50.0	50.0
TRIP BLANK	7/16/2008	50.0	50.0
AD839643/LFB	7/16/2008	50.0	50.0
AD839644/MBLK	7/16/2008	50.0	50.0

Comments:

LaBella Associates

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PREPARATION LOG

Contract: NY06-133Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG NO.: 7595Method: CV

Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume (mL)
MW-069	7/16/2008	30.0	50.0
MW-014	7/16/2008	30.0	50.0
MW-023	7/16/2008	30.0	50.0
MW-023/MS	7/16/2008	30.0	50.0
MW-023/SD	7/16/2008	30.0	50.0
BLIND DUPLICATE	7/16/2008	30.0	50.0
TRIP BLANK	7/16/2008	30.0	50.0
AD839790/LCS	7/16/2008	30.0	50.0
AD839791/MBLK	7/16/2008	30.0	50.0

Comments:

TESTAMERICA LABORATORIES

LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: SUPERTRACE

Method: P

Start Date: 7/8/2008

End Date: 7/8/2008

Sample ID.	D/F	Time	% R	Analytes																						
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K E	S G	A A	N A	T L	V	Z N	C N
STD BLK	1.00	09:46			X	X		X	X	X		X	X				X	X	X		X					
STD 1	1.00	09:52			X	X		X	X	X		X	X				X	X	X		X					
STD 2	1.00	09:57			X	X		X	X	X		X	X				X	X	X		X					
STD 3	1.00	10:02			X	X		X	X	X		X	X				X	X	X		X					
STD 3 VER	1.00	10:07			X	X		X	X	X		X	X				X	X	X		X					
ICV	1.00	10:13			X	X		X	X	X		X	X				X	X	X		X					
ICB	1.00	10:18			X	X		X	X	X		X	X				X	X	X		X					
CRI	1.00	10:24			X	X		X	X	X		X	X				X	X	X		X					
ICSA	1.00	10:29			X	X		X	X	X		X	X				X	X	X		X					
ICSAB	1.00	10:35			X	X		X	X	X		X	X				X	X	X		X					
CCV	1.00	10:43			X	X		X	X	X		X	X				X	X	X		X					
CCB	1.00	10:51			X	X		X	X	X		X	X				X	X	X		X					
ZZZZZZ	1.00	10:57																								
ZZZZZZ	1.00	11:02																								
ZZZZZZ	1.00	11:08																								
ZZZZZZ	5.00	11:13																								
ZZZZZZ	1.00	11:19																								
ZZZZZZ	1.00	11:24																								
ZZZZZZ	1.00	11:30																								
ZZZZZZ	1.00	11:35																								
ZZZZZZ	1.00	11:41																								
ZZZZZZ	1.00	11:46																								
CCV	1.00	11:55			X	X		X	X	X		X	X				X	X	X		X					
CCB	1.00	12:00			X	X		X	X	X		X	X				X	X	X		X					
ZZZZZZ	1.00	12:19																								
ZZZZZZ	5.00	12:25																								
ZZZZZZ	1.00	12:32																								
AD837794/MBLK	1.00	12:37			X	X		X	X	X		X	X				X	X	X		X					
AD837793/LCS	1.00	12:43			X	X		X	X	X		X	X				X	X	X		X					
ZZZZZZ	1.00	12:48																								
ZZZZZZ	1.00	12:54																								
ZZZZZZ	1.00	12:59																								
ZZZZZZ	1.00	13:05																								

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: SUPERTRACE

Method: P

Start Date: 7/8/2008

End Date: 7/8/2008

Sample ID.	D/F	Time	% R	Analytes																						
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N
ZZZZZZ	1.00	13:10																								
CCV	1.00	13:18			X	X		X	X		X		X	X				X		X	X		X		X	
CCB	1.00	13:24			X	X		X	X		X		X	X				X		X	X		X		X	
SB-51/0-1(ROC)	1.00	13:29			X	X		X	X		X		X	X				X		X	X		X		X	
SB-53/0-1(ROC)	1.00	13:35			X	X		X	X		X		X	X				X		X	X		X		X	
SB-002/6-8	1.00	13:40			X	X		X	X		X		X	X				X		X	X		X		X	
SB-002/6-8L	5.00	13:46			X	X		X	X		X		X	X				X		X	X		X		X	
SB-002/6-8A	1.00	13:51			X	X		X	X		X		X	X				X		X	X		X		X	
SB-002/6-8/MS	1.00	13:57			X	X		X	X		X		X	X				X		X	X		X		X	
SB-002/6-8/SD	1.00	14:02			X	X		X	X		X		X	X				X		X	X		X		X	
SB-018/4-6	1.00	14:08			X	X		X	X		X		X	X				X		X	X		X		X	
SB-070/6-7.5	1.00	14:13			X	X		X	X		X		X	X				X		X	X		X		X	
ZZZZZZ	1.00	14:20																								
CCV	1.00	14:29			X	X		X	X		X		X	X				X		X	X		X		X	
CCB	1.00	14:37			X	X		X	X		X		X	X				X		X	X		X		X	

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: SUPERTRACE

Method: P

Start Date: 7/16/2008

End Date: 7/17/2008

Sample ID.	D/F	Time	% R	Analytes																						
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N
STD BLK	1.00	20:28			X	X		X	X	X		X	X				X	X	X		X					
STD 1	1.00	20:34			X	X		X	X	X		X	X				X	X	X		X					
STD 2	1.00	20:39			X	X		X	X	X		X	X				X	X	X		X					
STD 3	1.00	20:44			X	X		X	X	X		X	X				X	X	X		X					
STD 3 VER	1.00	20:49			X	X		X	X	X		X	X				X	X	X		X					
ICV	1.00	20:55			X	X		X	X	X		X	X				X	X	X		X					
ICB	1.00	21:00			X	X		X	X	X		X	X				X	X	X		X					
CRI	1.00	21:06			X	X		X	X	X		X	X				X	X	X		X					
ICSA	1.00	21:11			X	X		X	X	X		X	X				X	X	X		X					
ICSAB	1.00	21:17			X	X		X	X	X		X	X				X	X	X		X					
CCV	1.00	21:25			X	X		X	X	X		X	X				X	X	X		X					
CCB	1.00	21:31			X	X		X	X	X		X	X				X	X	X		X					
ZZZZZZ	1.00	21:36																								
ZZZZZZ	1.00	21:42																								
ZZZZZZ	1.00	21:47																								
ZZZZZZ	1.00	21:53																								
ZZZZZZ	1.00	21:58																								
ZZZZZZ	1.00	22:04																								
ZZZZZZ	1.00	22:09																								
ZZZZZZ	1.00	22:15																								
ZZZZZZ	1.00	22:20																								
ZZZZZZ	1.00	22:29																								
CCV	1.00	22:36			X	X		X	X	X		X	X				X	X	X		X					
CCB	1.00	22:41			X	X		X	X	X		X	X				X	X	X		X					
ZZZZZZ	1.00	22:47																								
ZZZZZZ	1.00	22:52																								
ZZZZZZ	1.00	22:58																								
ZZZZZZ	1.00	23:03																								
ZZZZZZ	1.00	23:09																								
ZZZZZZ	1.00	23:14																								
ZZZZZZ	5.00	23:20																								
ZZZZZZ	1.00	23:25																								
ZZZZZZ	1.00	23:31																								

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

LaBella Associates

-14-

ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: SUPERTRACE

Method: P

Start Date: 7/16/2008

End Date: 7/17/2008

Sample ID.	D/F	Time	% R	Analytes																						
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K E	S G	A A	N L	T L	V	Z N	C N
ZZZZZZ	1.00	23:36																								
CCV	1.00	23:45		X	X		X	X	X		X	X					X	X	X		X					
CCB	1.00	23:50		X	X		X	X	X		X	X					X	X	X		X					
ZZZZZZ	1.00	23:56																								
ZZZZZZ	1.00	00:01																								
ZZZZZZ	1.00	00:07																								
ZZZZZZ	1.00	00:12																								
ZZZZZZ	1.00	00:18																								
ZZZZZZ	5.00	00:23																								
ZZZZZZ	1.00	00:29																								
ZZZZZZ	1.00	00:34																								
ZZZZZZ	1.00	00:40																								
MW-069	1.00	00:48		X	X		X	X	X		X	X					X	X	X		X					
CCV	1.00	00:57		X	X		X	X	X		X	X					X	X	X		X					
CCB	1.00	01:02		X	X		X	X	X		X	X					X	X	X		X					
MW-014	1.00	01:08		X	X		X	X	X		X	X					X	X	X		X					
MW-023	1.00	01:13		X	X		X	X	X		X	X					X	X	X		X					
MW-023L	5.00	01:19		X	X		X	X	X		X	X					X	X	X		X					
MW-023A	1.00	01:24		X	X		X	X	X		X	X					X	X	X		X					
MW-023/MS	1.00	01:30		X	X		X	X	X		X	X					X	X	X		X					
MW-023/SD	1.00	01:35		X	X		X	X	X		X	X					X	X	X		X					
BLIND DUPLICATE	1.00	01:41		X	X		X	X	X		X	X					X	X	X		X					
TRIP BLANK	1.00	01:46		X	X		X	X	X		X	X					X	X	X		X					
ZZZZZZ	1.00	01:52																								
ZZZZZZ	1.00	01:57																								
CCV	1.00	02:06		X	X		X	X	X		X	X					X	X	X		X					
CCB	1.00	02:11		X	X		X	X	X		X	X					X	X	X		X					

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

LaBella Associates

-14-

ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: SUPERTRACE

Method: P

Start Date: 7/17/2008

End Date: 7/17/2008

Sample ID.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N
STD BLK	1.00	03:39			X	X		X		X	X	X					X	X	X		X						
STD 1	1.00	03:44			X	X		X		X	X	X					X	X	X		X						
STD 2	1.00	03:49			X	X		X		X	X	X					X	X	X		X						
STD 3	1.00	03:54			X	X		X		X	X	X					X	X	X		X						
STD 3 VER	1.00	04:00			X	X		X		X	X	X					X	X	X		X						
ICV	1.00	04:05			X	X		X		X	X	X					X	X	X		X						
ICB	1.00	04:11			X	X		X		X	X	X					X	X	X		X						
CRI	1.00	04:16			X	X		X		X	X	X					X	X	X		X						
ICSA	1.00	04:22			X	X		X		X	X	X					X	X	X		X						
ICSAB	1.00	04:27			X	X		X		X	X	X					X	X	X		X						
CCV	1.00	04:36			X	X		X		X	X	X					X	X	X		X						
CCB	1.00	04:41			X	X		X		X	X	X					X	X	X		X						
AD839644/MBLK	1.00	04:47			X	X		X		X	X	X					X	X	X		X						
AD839643/LFB	1.00	04:52			X	X		X		X	X	X					X	X	X		X						
ZZZZZZ	1.00	04:58																									
ZZZZZZ	1.00	05:03																									
ZZZZZZ	1.00	05:12																									
ZZZZZZ	1.00	05:17																									
ZZZZZZ	1.00	05:23																									
ZZZZZZ	1.00	05:28																									
ZZZZZZ	1.00	05:34																									
ZZZZZZ	1.00	05:39																									
CCV	1.00	05:48			X	X		X		X	X	X					X	X	X		X						
CCB	1.00	05:53			X	X		X		X	X	X					X	X	X		X						

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TESTAMERICA LABORATORIES

LaBella Associates

-14-

ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: SUPERTRACE2

Method: P

Start Date: 7/1/2008

End Date: 7/1/2008

Sample ID.	D/F	Time	% R	Analytes																						
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N
STD BLK	1.00	08:29			X	X		X	X	X		X	X				X	X	X		X					
STD 1	1.00	08:34			X	X		X	X	X		X	X				X	X	X		X					
STD 2	1.00	08:39			X	X		X	X	X		X	X				X	X	X		X					
STD 3	1.00	08:44			X	X		X	X	X		X	X				X	X	X		X					
STD 3 VER	1.00	08:50			X	X		X	X	X		X	X				X	X	X		X					
ICV	1.00	08:55			X	X		X	X	X		X	X				X	X	X		X					
ICB	1.00	09:00			X	X		X	X	X		X	X				X	X	X		X					
CRI	1.00	09:06			X	X		X	X	X		X	X				X	X	X		X					
ICSA	1.00	09:11			X	X		X	X	X		X	X				X	X	X		X					
ICSAB	1.00	09:17			X	X		X	X	X		X	X				X	X	X		X					
CCV	1.00	09:24			X	X		X	X	X		X	X				X	X	X		X					
CCB	1.00	09:29			X	X		X	X	X		X	X				X	X	X		X					
ZZZZZZ	10.00	09:42																								
ZZZZZZ	10.00	09:47																								
ZZZZZZ	1.00	09:53																								
ZZZZZZ	1.00	09:58																								
ZZZZZZ	1.00	10:04																								
ZZZZZZ	1.00	10:09																								
ZZZZZZ	1.00	10:14																								
ZZZZZZ	1.00	10:20																								
ZZZZZZ	1.00	10:25																								
ZZZZZZ	1.00	10:31																								
CCV	1.00	10:37			X	X		X	X	X		X	X				X	X	X		X					
CCB	1.00	10:43			X	X		X	X	X		X	X				X	X	X		X					
ZZZZZZ	1.00	10:53																								
ZZZZZZ	1.00	10:58																								
ZZZZZZ	5.00	11:04																								
ZZZZZZ	1.00	11:09																								
ZZZZZZ	1.00	11:14																								
ZZZZZZ	1.00	11:20																								
ZZZZZZ	1.00	11:25																								
ZZZZZZ	1.00	11:31																								
ZZZZZZ	1.00	11:36																								

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: SUPERTRACE2

Method: P

Start Date: 7/1/2008

End Date: 7/1/2008

Sample ID.	D/F	Time	% R	Analytes																						
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K E	S G	A A	N L	T L	V N	Z N	C N
ZZZZZZ	1.00	11:41																								
CCV	1.00	11:48			X	X		X	X		X		X					X		X	X		X		X	
CCB	1.00	11:54			X	X		X	X		X		X					X		X	X		X		X	
ZZZZZZ	1.00	12:07																								
ZZZZZZ	1.00	12:12																								
ZZZZZZ	1.00	12:18																								
ZZZZZZ	1.00	12:23																								
ZZZZZZ	1.00	12:28																								
ZZZZZZ	1.00	12:34																								
ZZZZZZ	1.00	12:39																								
ZZZZZZ	1.00	12:45																								
ZZZZZZ	1.00	12:50																								
ZZZZZZ	1.00	12:55																								
CCV	1.00	13:02			X	X		X	X		X		X					X		X	X		X		X	
CCB	1.00	13:08			X	X		X	X		X		X					X		X	X		X		X	
ZZZZZZ	1.00	13:13																								
ZZZZZZ	1.00	13:19																								
AD836695/MBLK	1.00	13:24			X	X		X	X		X		X					X		X	X		X		X	
AD836694/LCS	1.00	13:29			X	X		X	X		X		X					X		X	X		X		X	
ZZZZZZ	1.00	13:35																								
ZZZZZZ	1.00	13:40																								
ZZZZZZ	5.00	13:46																								
ZZZZZZ	1.00	13:51																								
ZZZZZZ	1.00	13:56																								
ZZZZZZ	1.00	14:02																								
CCV	1.00	14:09			X	X		X	X		X		X					X		X	X		X		X	
CCB	1.00	14:14			X	X		X	X		X		X					X		X	X		X		X	
ZZZZZZ	1.00	14:19																								
ZZZZZZ	1.00	14:25																								
ZZZZZZ	1.00	14:30																								
ZZZZZZ	1.00	14:36																								
ZZZZZZ	1.00	14:41																								
ZZZZZZ	1.00	14:46																								

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

TESTAMERICA LABORATORIES

LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 Instrument ID Number: SUPERTRACE2 Method: P
 Start Date: 7/1/2008 End Date: 7/1/2008

Sample ID.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N
ZZZZZZ	1.00	15:09																									
SB-036/7.5-8 (ROC)	1.00	15:15		X	X		X	X		X		X		X				X		X	X		X			X	
ZZZZZZ	1.00	15:20																									
ZZZZZZ	10.00	15:29																									
CCV	1.00	15:37		X	X		X	X		X		X		X				X		X	X		X			X	
CCB	1.00	15:42		X	X		X	X		X		X		X				X		X	X		X			X	

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TESTAMERICA LABORATORIES

LaBella Associates
-14-

ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: SUPERTRACE2

Method: P

Start Date: 7/2/2008

End Date: 7/2/2008

Sample ID.	D/F	Time	% R	Analytes																						
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N
STD BLK	1.00	10:02			X	X		X	X	X	X	X					X	X	X	X	X					
STD 1	1.00	10:07			X	X		X	X	X	X	X					X	X	X	X	X					
STD 2	1.00	10:12			X	X		X	X	X	X	X					X	X	X	X	X					
STD 3	1.00	10:17			X	X		X	X	X	X	X					X	X	X	X	X					
STD 3 VER	1.00	10:23			X	X		X	X	X	X	X					X	X	X	X	X					
ICV	1.00	10:28			X	X		X	X	X	X	X					X	X	X	X	X					
ICB	1.00	10:34			X	X		X	X	X	X	X					X	X	X	X	X					
CRI	1.00	10:39			X	X		X	X	X	X	X					X	X	X	X	X					
ICSA	1.00	10:44			X	X		X	X	X	X	X					X	X	X	X	X					
ICSAB	1.00	10:50			X	X		X	X	X	X	X					X	X	X	X	X					
CCV	1.00	10:57			X	X		X	X	X	X	X					X	X	X	X	X					
CCB	1.00	11:02			X	X		X	X	X	X	X					X	X	X	X	X					
AD837077/MBLK	1.00	11:08			X	X		X	X	X	X	X					X	X	X	X	X					
AD837076/LCS	1.00	11:13			X	X		X	X	X	X	X					X	X	X	X	X					
ZZZZZZ	1.00	11:24																								
ZZZZZZ	1.00	11:29																								
ZZZZZZ	5.00	11:35																								
ZZZZZZ	1.00	11:40																								
ZZZZZZ	1.00	11:45																								
ZZZZZZ	1.00	11:51																								
ZZZZZZ	1.00	11:56																								
ZZZZZZ	1.00	12:02																								
CCV	1.00	12:09			X	X		X	X	X	X	X					X	X	X	X	X					
CCB	1.00	12:14			X	X		X	X	X	X	X					X	X	X	X	X					
ZZZZZZ	1.00	12:19																								
ZZZZZZ	1.00	12:33																								
SB-050/0-1 (ROC)	1.00	12:39			X	X		X	X	X	X	X					X	X	X	X	X					
SB-050/6-8	1.00	12:44			X	X		X	X	X	X	X					X	X	X	X	X					
ZZZZZZ	1.00	12:49																								
ZZZZZZ	1.00	12:55																								
ZZZZZZ	1.00	13:00																								
ZZZZZZ	1.00	13:06																								
ZZZZZZ	1.00	13:11																								

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595

Instrument ID Number: SUPERTRACE2 Method: P

Start Date: 7/2/2008 End Date: 7/2/2008

Sample ID.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N
ZZZZZZ	1.00	13:16																									
CCV	1.00	13:23			X	X		X	X		X		X					X		X	X		X			X	
CCB	1.00	13:29			X	X		X	X		X		X					X		X	X		X			X	

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TESTAMERICA LABORATORIES

LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: SUPERTRACE2

Method: P

Start Date: 7/17/2008

End Date: 7/17/2008

Sample ID.	D/F	Time	% R	Analytes																									
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K E	S E	A G	N A	T L	V L	Z N	C N		
STD BLK	1.00	10:30							X																				
STD 1	1.00	10:35							X																				
STD 2	1.00	10:40							X																				
STD 3	1.00	10:45							X																				
STD 3 VER	1.00	10:51							X																				
ICV	1.00	10:56							X																				
ICB	1.00	11:02							X																				
CRI	1.00	11:07							X																				
ICSA	1.00	11:12							X																				
ICSAB	1.00	11:18							X																				
CCV	1.00	11:25							X																				
CCB	1.00	11:30							X																				
ZZZZZ	50.00	11:43																											
ZZZZZ	100.00	11:50																											
AD839644/MBLK	1.00	11:59							X																				
AD839643/LFB	1.00	12:04							X																				
ZZZZZ	1.00	12:09																											
CRI	1.00	12:19							X																				
ICSA	1.00	12:25							X																				
ICSAB	1.00	12:30							X																				
CCV	1.00	12:37							X																				
CCB	1.00	12:42							X																				

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TESTAMERICA LABORATORIES

LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: LEEMAN PS200II

Method: CV

Start Date: 7/2/2008

End Date: 7/2/2008

Sample ID.	D/F	Time	% R	Analytes																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K S	S E	A G	N A	T L	V	Z N	C N
ICV	1.00	13:47															X										
ICB	1.00	13:48															X										
CRA	1.00	13:49															X										
CCV	1.00	13:51															X										
CCB	1.00	13:52															X										
SB-050/0-1(ROC)	1.00	13:53															X										
ZZZZZZ	1.00	13:55																									
ZZZZZZ	1.00	13:56																									
ZZZZZZ	1.00	13:58																									
ZZZZZZ	1.00	13:59																									
ZZZZZZ	1.00	14:00																									
ZZZZZZ	1.00	14:02																									
ZZZZZZ	1.00	14:03																									
ZZZZZZ	1.00	14:06																									
ZZZZZZ	1.00	14:08																									
CCV	1.00	14:09															X										
CCB	1.00	14:10															X										
ZZZZZZ	1.00	14:12																									
ZZZZZZ	1.00	14:13																									
ZZZZZZ	1.00	14:15																									
ZZZZZZ	1.00	14:16																									
AD837247/LCS	1.00	14:17															X										
AD837248/MBLK	1.00	14:19															X										
CRA	1.00	14:21															X										
CCV	1.00	14:22															X										
CCB	1.00	14:23															X										
SB-050/6-8	10.00	14:25															X										
ZZZZZZ	1.00	14:26																									
ZZZZZZ	1.00	14:28																									
ZZZZZZ	1.00	14:29																									
ZZZZZZ	1.00	14:30																									
ZZZZZZ	1.00	14:32																									
CRA	1.00	14:33															X										

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LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: LEEMAN PS200II

Method: CV

Start Date: 7/8/2008

End Date: 7/8/2008

Sample ID.	D/F	Time	% R	Analytes																						
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K E	S G	A G	N A	T L	V L	Z N	C N
ICV	1.00	13:21															X									
ICB	1.00	13:22															X									
CRA	1.00	13:25															X									
CCV	1.00	13:27															X									
CCB	1.00	13:28															X									
ZZZZZZ	1.00	13:29																								
ZZZZZZ	1.00	13:31																								
ZZZZZZ	1.00	13:32																								
ZZZZZZ	1.00	13:34																								
ZZZZZZ	1.00	13:35																								
ZZZZZZ	1.00	13:36																								
ZZZZZZ	1.00	13:38																								
ZZZZZZ	1.00	13:39																								
ZZZZZZ	1.00	13:40																								
SB-51/0-1(ROC)	1.00	13:42															X									
CCV	1.00	13:43															X									
CCB	1.00	13:44															X									
SB-53/0-1(ROC)	1.00	13:46															X									
SB-002/6-8	1.00	13:47															X									
ZZZZZZ	1.00	13:49																								
SB-002/6-8/MS	1.00	13:50															X									
SB-002/6-8/SD	1.00	13:52															X									
SB-018/4-6	1.00	13:53															X									
SB-070/6-7.5	1.00	13:55															X									
AD837916/LCS	1.00	13:56															X									
AD837917/MBLK	1.00	13:58															X									
CRA	1.00	13:59															X									
CCV	1.00	14:01															X									
CCB	1.00	14:02															X									

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LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 7/16/2008 End Date: 7/16/2008

Sample ID.	D/F	Time	% R	Analytes																									
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K S	S E	A G	N A	T L	V	Z N	C N		
ICV	1.00	17:17																X											
ICB	1.00	17:19																X											
CRA	1.00	17:20																X											
CCV	1.00	17:22																X											
CCB	1.00	17:23																X											
ZZZZZZ	1.00	17:25																											
ZZZZZZ	1.00	17:26																											
ZZZZZZ	1.00	17:28																											
ZZZZZZ	1.00	17:30																											
ZZZZZZ	1.00	17:32																											
ZZZZZZ	1.00	17:33																											
ZZZZZZ	1.00	17:35																											
ZZZZZZ	1.00	17:36																											
MW-069	1.00	17:38																X											
MW-014	1.00	17:40																X											
CCV	1.00	17:41																X											
CCB	1.00	17:43																X											
MW-023	1.00	17:44																X											
ZZZZZZ	1.00	17:45																											
MW-023/MS	1.00	17:47																X											
MW-023/SD	1.00	17:48																X											
BLIND DUPLICATE	1.00	17:49																X											
TRIP BLANK	1.00	17:51																X											
ZZZZZZ	1.00	17:52																											
ZZZZZZ	1.00	17:54																											
ZZZZZZ	1.00	17:56																											
ZZZZZZ	1.00	17:57																											
CCV	1.00	17:58																X											
CCB	1.00	18:00																X											
ZZZZZZ	1.00	18:02																											
ZZZZZZ	1.00	18:03																											
ZZZZZZ	1.00	18:05																											
ZZZZZZ	1.00	18:06																											

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LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133
 Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595
 Instrument ID Number: LEEMAN PS200II Method: CV
 Start Date: 7/16/2008 End Date: 7/16/2008

Sample ID.	D/F	Time	% R	Analytes																											
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N				
ZZZZZZ	1.00	18:09																													
ZZZZZZ	1.00	18:10																													
AD839790/LCS	1.00	18:11																													
AD839791/MBLK	1.00	18:13																													
CRA	1.00	18:15																													
CCV	1.00	18:17																													
CCB	1.00	18:19																													

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TESTAMERICA LABORATORIES

LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: LEEMAN PS200II

Method: CV

Start Date: 6/30/2008

End Date: 6/30/2008

Sample ID.	D/F	Time	% R	Analytes																						
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K E	S G	A G	N A	T L	V N	Z N	C N
ICV	1.00	10:24															X									
ICB	1.00	10:25															X									
CRA	1.00	10:26															X									
CCV	1.00	10:28															X									
CCB	1.00	10:29															X									
ZZZZZ	1.00	10:30																								
ZZZZZ	1.00	10:32																								
ZZZZZ	1.00	10:33																								
ZZZZZ	1.00	10:34																								
ZZZZZ	1.00	10:36																								
ZZZZZ	1.00	10:37																								
ZZZZZ	1.00	10:39																								
ZZZZZ	1.00	10:40																								
ZZZZZ	1.00	10:41																								
ZZZZZ	1.00	10:42																								
CCV	1.00	10:44															X									
CCB	1.00	10:45															X									
ZZZZZ	1.00	10:47																								
ZZZZZ	1.00	10:48																								
ZZZZZ	1.00	10:49																								
ZZZZZ	1.00	10:51																								
ZZZZZ	1.00	10:52																								
ZZZZZ	1.00	10:53																								
ZZZZZ	1.00	10:55																								
ZZZZZ	1.00	10:56																								
ZZZZZ	1.00	10:57																								
ZZZZZ	1.00	10:59																								
CCV	1.00	11:00															X									
CCB	1.00	11:01															X									
ZZZZZ	1.00	11:03																								
ZZZZZ	1.00	11:04																								
ZZZZZ	1.00	11:06																								
ZZZZZ	1.00	11:08																								

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TESTAMERICA LABORATORIES

LaBella Associates

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO

Case No.: _____

SAS No.: _____

SDG No.: 7595

Instrument ID Number: LEEMAN PS200II

Method: CV

Start Date: 6/30/2008

End Date: 6/30/2008

Sample ID.	D/F	Time	% R	Analytes																											
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N				
ZZZZZZ	1.00	11:09																													
ZZZZZZ	1.00	11:11																													
ZZZZZZ	1.00	11:12																													
ZZZZZZ	1.00	11:14																													
ZZZZZZ	1.00	11:16																													
ZZZZZZ	1.00	11:17																													
CCV	1.00	11:18																										X			
CCB	1.00	11:20																										X			
ZZZZZZ	1.00	11:21																													
ZZZZZZ	1.00	11:23																													
ZZZZZZ	1.00	11:24																													
ZZZZZZ	1.00	11:26																													
ZZZZZZ	1.00	11:28																													
ZZZZZZ	1.00	11:29																													
SB-036/7.5-8 (ROC)	1.00	11:31																										X			
ZZZZZZ	1.00	11:32																													
ZZZZZZ	1.00	11:33																													
ZZZZZZ	1.00	11:35																													
CCV	1.00	11:36																										X			
CCB	1.00	11:38																										X			
ZZZZZZ	1.00	11:40																													
ZZZZZZ	1.00	11:41																													
ZZZZZZ	1.00	11:42																													
ZZZZZZ	1.00	11:44																													
ZZZZZZ	1.00	11:46																													
ZZZZZZ	1.00	11:47																													
ZZZZZZ	1.00	11:49																													
ZZZZZZ	1.00	11:50																													
ZZZZZZ	1.00	11:52																													
ZZZZZZ	1.00	11:53																													
CCV	1.00	11:54																										X			
CCB	1.00	11:56																										X			
AD836342/LCS	1.00	11:58																										X			

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ANALYSIS RUN LOG

Contract: NY06-133

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: 7595

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 6/30/2008 End Date: 6/30/2008

Sample ID.	D/F	Time	% R	Analytes																																							
				A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N																
AD836343/MBLK	1.00	11:59																										X															
ZZZZZZ	1.00	12:01																																									
ZZZZZZ	1.00	12:02																																									
CRA	1.00	12:04																																									X
CCV	1.00	12:05																																								X	
CCB	1.00	12:07																																							X		

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Metals Raw Data

TestAmerica Buffalo

Analyst: TWSPrimary Review: AMDate: 7/9/08Secondary Review: TWSDate: 7/9/08

Spikes: 4-MDL-9, 11-MDL-14, 11-176-E, 11-182-F, 1-MDL-12

Pipettes: 05-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK <u>12-023-A</u>	1070808	TRACE1	07/08/08	09:46	X	IR	
2	STD 1 <u>12-025-C</u>	1070808	TRACE1	07/08/08	09:52	X	IR	
3	STD 2 <u>12-025-D</u>	1070808	TRACE1	07/08/08	09:57	X	IR	
4	STD 3 <u>12-025-B</u>	1070808	TRACE1	07/08/08	10:02	X	IR	
5	STD 3 VER <u>L</u>	1070808	TRACE1	07/08/08	10:07	TWS	B	CONC
6	ICV <u>12-027-E</u>	1070808	TRACE1	07/08/08	10:13	TWS	Q	CONC
7	ICB <u>12-023-A</u>	1070808	TRACE1	07/08/08	10:18	TWS	B	CONC
8	CRI <u>12-022-A</u>	1070808	TRACE1	07/08/08	10:24	TWS	B	CONC
9	ICSA <u>12-016-B</u>	1070808	TRACE1	07/08/08	10:29	TWS	Q	CONC
10	ICSAB <u>12-016-C</u>	1070808	TRACE1	07/08/08	10:35	TWS	Q	CONC
11	CCV <u>12-023-F</u>	1070808	TRACE1	07/08/08	10:43	TWS	Q	CONC
12	CCB <u>12-023-A</u>	1070808	TRACE1	07/08/08	10:51	TWS	B	CONC
13	AD837873/PB	1070808	TRACE1	07/08/08	10:57	TWS	S	CONC
14	AD837872/FB	1070808	TRACE1	07/08/08	11:02	TWS	S	CONC
15	AD837865 <u>8018</u>	1070808	TRACE1	07/08/08	11:08	TWS	S	CONC
16	AD837865/L (1:5)	1070808	TRACE1	07/08/08	11:13	TWS	S	CONC
17	AD837865/PS	1070808	TRACE1	07/08/08	11:19	TWS	S	CONC
18	AD837866/MS	1070808	TRACE1	07/08/08	11:24	TWS	S	CONC
19	AD837867/SD	1070808	TRACE1	07/08/08	11:30	TWS	S	CONC
20	AD837868 <u>8002</u>	1070808	TRACE1	07/08/08	11:35	TWS	S	CONC
21	AD837869	1070808	TRACE1	07/08/08	11:41	TWS	S	CONC
22	AD837870	1070808	TRACE1	07/08/08	11:46	TWS	S	CONC
23	CCV	1070808	TRACE1	07/08/08	11:55	TWS	Q	CONC
24	CCB	1070808	TRACE1	07/08/08	12:00	TWS	B	CONC
25	AD837871	1070808	TRACE1	07/08/08	12:19	TWS	S	CONC
26	AD837870/(1:5)	1070808	TRACE1	07/08/08	12:25	TWS	S	CONC
27	AD837679/PB	1070808	TRACE1	07/08/08	12:32	TWS	S	CONC
28	AD837794/PB	1070808	TRACE1	07/08/08	12:37	TWS	S	CONC
29	AD837793/CLPSL	1070808	TRACE1	07/08/08	12:43	TWS	S	CONC
30	AD837789	1070808	TRACE1	07/08/08	12:48	TWS	S	CONC
31	AD837790	1070808	TRACE1	07/08/08	12:54	TWS	S	CONC
32	AD837791	1070808	TRACE1	07/08/08	12:59	TWS	S	CONC
33	AD837792	1070808	TRACE1	07/08/08	13:05	TWS	S	CONC
34	AD837882 <u>7692</u>	1070808	TRACE1	07/08/08	13:10	TWS	S	CONC
35	CCV	1070808	TRACE1	07/08/08	13:18	TWS	Q	CONC
36	CCB	1070808	TRACE1	07/08/08	13:24	TWS	B	CONC
37	AD837782 <u>7988</u>	1070808	TRACE1	07/08/08	13:29	TWS	S	CONC
38	AD837783	1070808	TRACE1	07/08/08	13:35	TWS	S	CONC
39	AD837784	1070808	TRACE1	07/08/08	13:40	TWS	S	CONC
40	AD837784/L (1:5)	1070808	TRACE1	07/08/08	13:46	TWS	S	CONC
41	AD837784/PS	1070808	TRACE1	07/08/08	13:51	TWS	S	CONC
42	AD837785/MS	1070808	TRACE1	07/08/08	13:57	TWS	S	CONC
43	AD837786/SD	1070808	TRACE1	07/08/08	14:02	TWS	S	CONC
44	AD837787	1070808	TRACE1	07/08/08	14:08	TWS	S	CONC
45	AD837788	1070808	TRACE1	07/08/08	14:13	TWS	S	CONC
46	AD837856 <u>8014</u>	1070808	TRACE1	07/08/08	14:20	TWS	S	CONC
47	CCV	1070808	TRACE1	07/08/08	14:29	TWS	Q	CONC
48	CCB	1070808	TRACE1	07/08/08	14:37	TWS	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD837857 8014	1070808	TRACE1	07/08/08	14:44	TWS	S	CONC
50	AD837858	1070808	TRACE1	07/08/08	14:49	TWS	S	CONC
51	AD837859	1070808	TRACE1	07/08/08	14:55	TWS	S	CONC
52	AD837859/L (1:5)	1070808	TRACE1	07/08/08	15:00	TWS	S	CONC
53	AD837859/PS	1070808	TRACE1	07/08/08	15:06	TWS	S	CONC
54	AD837860/MD	1070808	TRACE1	07/08/08	15:11	TWS	S	CONC
55	AD837861/MS	1070808	TRACE1	07/08/08	15:17	TWS	S	CONC
56	AD837862 8016	1070808	TRACE1	07/08/08	15:22	TWS	S	CONC
57	AD837863	1070808	TRACE1	07/08/08	15:28	TWS	S	CONC
58	AD837864 8017	1070808	TRACE1	07/08/08	15:33	TWS	S	CONC
59	CCV	1070808	TRACE1	07/08/08	15:42	TWS	Q	CONC
60	CCB	1070808	TRACE1	07/08/08	15:47	TWS	B	CONC
61	STD BLK	1070808	TRACE1	07/08/08	16:05		X	IR
62	STD 1	1070808	TRACE1	07/08/08	16:11		X	IR
63	STD 2	1070808	TRACE1	07/08/08	16:16		X	IR
64	STD 3	1070808	TRACE1	07/08/08	16:21		X	IR
65	STD 3 VER	1070808	TRACE1	07/08/08	16:26	TWS	B	CONC
66	ICV	1070808	TRACE1	07/08/08	16:32	TWS	Q	CONC
67	ICB	1070808	TRACE1	07/08/08	16:37	TWS	B	CONC
68	CRI	1070808	TRACE1	07/08/08	16:43	TWS	B	CONC
69	ICSA	1070808	TRACE1	07/08/08	16:48	TWS	Q	CONC
70	ICSAB	1070808	TRACE1	07/08/08	16:54	TWS	Q	CONC
71	CCV	1070808	TRACE1	07/08/08	17:02	TWS	Q	CONC
72	CCB	1070808	TRACE1	07/08/08	17:08	TWS	B	CONC
73	AD837873/PB	1070808	TRACE1	07/08/08	17:13	TWS	S	CONC
74	AD837872/FB 7991	1070808	TRACE1	07/08/08	17:19	TWS	S	CONC
75	AD837849	1070808	TRACE1	07/08/08	17:24	TWS	S	CONC
76	AD837850	1070808	TRACE1	07/08/08	17:30	TWS	S	CONC
77	AD837851	1070808	TRACE1	07/08/08	17:35	TWS	S	CONC
78	AD837852	1070808	TRACE1	07/08/08	17:41	TWS	S	CONC
79	AD837853	1070808	TRACE1	07/08/08	17:46	TWS	S	CONC
80	AD837854	1070808	TRACE1	07/08/08	17:52	TWS	S	CONC
81	AD837855	1070808	TRACE1	07/08/08	17:57	TWS	S	CONC
82	AD837774/PB	1070808	TRACE1	07/08/08	18:06	TWS	S	CONC
83	CCV	1070808	TRACE1	07/08/08	18:14	TWS	Q	CONC
84	CCB	1070808	TRACE1	07/08/08	18:20	TWS	B	CONC
85	AD837773/FB 7991	1070808	TRACE1	07/08/08	18:25	TWS	S	CONC
86	AD837761	1070808	TRACE1	07/08/08	18:31	TWS	S	CONC
87	AD837762	1070808	TRACE1	07/08/08	18:36	TWS	S	CONC
88	AD837763	1070808	TRACE1	07/08/08	18:42	TWS	S	CONC
89	AD837763/L (1:5)	1070808	TRACE1	07/08/08	18:47	TWS	S	CONC
90	AD837763/PS	1070808	TRACE1	07/08/08	18:53	TWS	S	CONC
91	AD837764/MS	1070808	TRACE1	07/08/08	18:58	TWS	S	CONC
92	AD837765/SD	1070808	TRACE1	07/08/08	19:04	TWS	S	CONC
93	AD837766	1070808	TRACE1	07/08/08	19:09	TWS	S	CONC
94	AD837767	1070808	TRACE1	07/08/08	19:15	TWS	S	CONC
95	CCV	1070808	TRACE1	07/08/08	19:23	TWS	Q	CONC
96	CCB	1070808	TRACE1	07/08/08	19:29	TWS	B	CONC
97	AD837768	1070808	TRACE1	07/08/08	19:34	TWS	S	CONC
98	AD837769	1070808	TRACE1	07/08/08	19:40	TWS	S	CONC
99	AD837770 7992	1070808	TRACE1	07/08/08	19:45	TWS	S	CONC
100	AD837771	1070808	TRACE1	07/08/08	19:51	TWS	S	CONC
101	AD837772	1070808	TRACE1	07/08/08	19:56	TWS	S	CONC
102	CRI	1070808	TRACE1	07/08/08	20:07	TWS	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	ICSA	1070808	TRACE1	07/08/08	20:13	TWS	Q	CONC
104	ICSAB	1070808	TRACE1	07/08/08	20:18	TWS	Q	CONC
105	CCV	1070808	TRACE1	07/08/08	20:27	TWS	Q	CONC
106	CCB	1070808	TRACE1	07/08/08	20:32	TWS	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.17269	4.27641	20.6605	41.7062	50.354	18.455
2	As1890	-.04877	1.02148	5.31828	10.7776	1.0158	.36563
3	B_2496	-.00025	.36769	1.83167	3.6941	1.0087	.36654
4	Ba4934	.00008	.72935	3.60926	7.31776	1.0040	.37351
5	Be3130	.10419	1.29899	6.21957	12.3379	1.0109	.36555
6	Ca3179	.02004			34.7009	50.216	18.520
7	Cd2265	.00422	1.63899	7.9913	15.8955	1.0158	.37207
8	Co2286	-.00395	.71874	3.62297	7.27359	1.0146	.36494
9	Cr2677	.00258	.56333	2.84303	5.69	1.0127	.37969
10	Cu3247	.00111	.4719	2.37338	4.82439	1.0108	.36120
11	Fe2714	-.00171	.63706	3.19032	6.38632	50.745	18.383
12	K_7664	-.13954			144.112	53.172	Q20.203
13	Mg2790	.00094			18.0358	49.976	18.210
14	Mn2576	.00129	.35146	1.75345	3.54508	1.0094	.37264
15	Na3302	.00714			2.23552	50.406	18.174
16	Ni2316	-.01291	.54571	2.7839	5.62367	1.0155	.37302
17	2203/1	.02864	.48909	2.30258	4.56963	1.0082	.37170
18	2203/2	-.0334	2.52085	12.7967	25.5763	1.0124	.37188
19	Sb2068	.00387	.1965	.93469	1.87764	1.0150	.37496
20	1960/1	-.07053	.28656	1.71523	3.50148	1.0202	.37653
21	1960/2	.05304	.49961	2.29518	4.50228	1.0182	.38095
22	Ti3372	-.00059	1.06735	5.29149	10.706	1.0128	.38608
23	Tl1908	-.02667	.3265	1.69535	3.42353	1.0277	.38339
24	V_2924	.00025	.07908	.39675	.79647	1.0088	.36739
25	Zn2062	.00077	.06829	.34117	.68693	1.0062	.37213
26	Sn1899	-.00025	.05672	.27733	.55364	1.0207	.37856
27	Ag3280	-.03406	.58059	3.02403	6.19672	1.0059	.36384
28	Mo2020	.00111	.26167	1.31071	2.65902	1.0098	.36904
29	*Y	5811.15	5791.42	5740.35	5765.48	5762.78	5793.98
30	PB2203					1.0110	.37182
31	SE1960					1.0188	.37948

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00789	.18600	492.89	496.26	24.266	-.01494
2	As1890	.00311	.01233	.00150	.10044	.47486	.00064
3	B_2496	.00268	.02297	.00036	.03204	.47600	.00195
4	Ba4934	.00029	.00204	.00063	.51408	.48755	.00010
5	Be3130	.00017	.00194	.00038	.49786	.48047	-.00028
6	Ca3179	.00935	.51206	481.61	483.36	24.355	.02290
7	Cd2265	.00036	.00129	.00091	.94115	.48687	.00013
8	Co2286	.00036	.00375	-.00032	.47269	.47947	.00011
9	Cr2677	-.00001	.00416	-.00035	.50789	.49894	.00032
10	Cu3247	.00069	.01059	.00461	.51345	.47776	.00108
11	Fe2714	.01276	.05212	189.94	96.209	24.139	.01956
12	K_7664	-.00478	.50269	-.02406	-.04421	26.715	.03540
13	Mg2790	.00593	.21532	506.82	501.42	23.808	.02020
14	Mn2576	.00018	.00293	.00009	.47664	.49056	.00012
15	Na3302	-.13888	.85870	.04284	-.16609	23.773	-.15024
16	Ni2316	-.00040	.01029	.00070	.92018	.48942	.00050
17	2203/1	-.00273	.00279	-.09359	-.04438	.48528	-.00137
18	2203/2	.00142	.00532	.05129	.10143	.48661	.00183

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	.00039	.02226	-.00334	.60127	.49561	.00067
20	1960/1	.00329	.02627	.00457	.04894	.48784	.00103
21	1960/2	.00230	.01558	-.00291	.05416	.49322	-.00112
22	Ti3372	.00007	.00442	.00140	.00276	.50927	-.00013
23	Tl1908	.00143	.02301	-.00714	.08828	.49918	.00269
24	V_2924	.00078	.00505	.00148	.49074	.48323	.00022
25	Zn2062	.00028	.01234	.00000	.95001	.48544	.00064
26	Sn1899	-.00002	.00818	.00194	-.00196	.49317	.00383
27	Ag3280	.00044	.00181	-.00157	.20987	.47971	-.00058
28	Mo2020	.00048	.01007	-.00469	-.00355	.48432	.00010
29	*Y	5713.43	5765.7	5516.62	5549.85	5804.55	5782.43
30	PB2203	.00004	.00448	.00304	.05287	.48617	.00076
31	SE1960	.00263	.01914	-.00041	.05242	.49142	-.00040

#	Element	AD8'3/PB	AD8'2/FB	AD837865	AD8'1:5)	AD8'5/PS	AD8'6/MS
1	Al3082	.03578	10.121	37.081	7.7841	45.943	41.861
2	As1890	.00002	.20403	.01615	.00458	.20975	.20890
3	B_2496	.01577	.21121	.16196	.03538	.34749	.35054
4	Ba4934	.00021	.20193	.50228	.10450	.69141	.59686
5	Be3130	-.00051	.20108	.00130	.00002	.19545	.19374
6	Ca3179	.17937	10.230	338.85	71.943	338.82	330.94
7	Cd2265	.00020	.20183	.00068	.00000	.18374	.18716
8	Co2286	-.00029	.19317	.02667	.00554	.21235	.20547
9	Cr2677	-.00041	.20082	.05763	.01271	.24837	.24572
10	Cu3247	.00148	.20123	.12822	.02721	.32235	.31738
11	Fe2714	.00283	10.114	58.428	12.496	66.626	62.204
12	K_7664	.00435	11.043	14.022	2.5986	23.170	22.576
13	Mg2790	.01172	10.078	49.183	10.476	58.788	63.009
14	Mn2576	-.00009	.20387	3.3303	.71173	3.4526	3.1895
15	Na3302	-.04475	10.249	9.4518	1.7954	19.402	20.677
16	Ni2316	.00017	.20414	.05602	.01186	.24012	.23948
17	2203/1	-.00127	.19934	.00691	-.00066	.18703	.19174
18	2203/2	-.00060	.20228	.02158	.00354	.20720	.20589
19	Sb2068	-.00140	.20185	.00158	.00088	.18559	.17584
20	1960/1	.00106	.20898	.00495	.00214	.19364	.19995
21	1960/2	-.00260	.20773	-.00130	.00201	.19112	.19599
22	Ti3372	.00000	.20286	1.0311	.22808	1.2263	1.2752
23	Tl1908	.00026	.20399	.00449	.00415	.18354	.19272
24	V_2924	.00000	.20044	.06929	.01451	.25698	.25526
25	Zn2062	.00098	.20780	.13405	.03054	.32010	.31391
26	Sn1899	.00059	.21004	-.00121	-.00092	.07036	.18988
27	Ag3280	-.00066	.05139	-.00061	-.00108	.04745	.04947
28	Mo2020	-.00061	.20544	.01143	.00322	.20496	.20441
29	*Y	5896.05	5848.2	6011.03	5798.03	6086.7	5984.03
30	PB2203	-.00082	.20130	.01669	.00214	.20048	.20118
31	SE1960	-.00138	.20815	.00078	.00206	.19196	.19731

#	Element	AD8'7/SD	AD837868	AD837869	AD837870	CCV	CCB
1	Al3082	32.635	68.596	62.815	52.418	24.100	-.00355
2	As1890	.20382	.03049	.02749	.02628	.46751	-.00078
3	B_2496	.34048	.13675	.13054	.13573	.47206	.00089
4	Ba4934	.49453	.58368	.54202	.79553	.48570	.00025
5	Be3130	.19309	.00230	.00176	.00198	.47784	-.00018
6	Ca3179	222.63	500.57	468.72	H804.11	24.010	.03286
7	Cd2265	.18969	.00184	.00241	.00148	.47701	.00022
8	Co2286	.19790	.05182	.04669	.04311	.47409	-.00043
9	Cr2677	.22561	.10584	.09462	.08141	.49383	-.00002
10	Cu3247	.27064	.26763	.25083	.25779	.47664	.00044
11	Fe2714	43.193	112.12	100.57	86.380	23.801	.01342
12	K_7664	20.830	17.568	15.855	17.369	26.564	-.00878
13	Mg2790	49.967	63.121	56.276	214.07	23.633	.01295
14	Mn2576	1.9380	6.3982	6.0437	10.309	.48387	.00032
15	Na3302	19.841	8.7803	9.0671	170.08	23.806	-.11577
16	Ni2316	.22210	.10912	.09880	.09273	.48346	-.00004
17	2203/1	.19343	.01335	.01201	.00727	.48002	-.00161
18	2203/2	.20249	.04050	.03708	.03147	.48392	.00005
19	Sb2068	.18446	-.00038	-.00449	-.00176	.49132	-.00165
20	1960/1	.20306	.00554	.00612	.00565	.48214	.00074
21	1960/2	.20365	-.00866	-.00658	-.00412	.48734	.00165
22	Ti3372	.99026	1.4541	1.3250	1.3295	.50382	.00013
23	Tl1908	.19627	.00328	.00131	.00205	.48695	.00409
24	V_2924	.23686	.12365	.11117	.09879	.47868	.00011
25	Zn2062	.26848	.28152	.26439	.21576	.47737	.00089
26	Sn1899	.19589	-.00003	-.00150	L-.03768	.48613	-.00016
27	Ag3280	.05069	-.00188	-.00191	-.00260	.47905	-.00011
28	Mo2020	.20442	.04348	.03547	.01672	.48202	.00056
29	*Y	5933.55	6198.23	6283.95	6047.62	5824.28	5800.88
30	PB2203	.19948	.03146	.02873	.02341	.48262	-.00050
31	SE1960	.20345	-.00392	-.00234	-.00086	.48560	.00135

#	Element	AD837871	AD8'1:5)	AD8'9/PB	AD8'4/PB	AD8'LPSL	AD837789
1	Al3082	74.159	10.716	-.03338	L-.05396	61.023	55.405
2	As1890	.02797	.00646	.00190	.00149	.82491	.03931
3	B_2496	.12062	.02841	.00806	.00128	1.1050	.01913
4	Ba4934	.83517	.16669	.00024	.00031	4.0056	.24239
5	Be3130	.00186	.00007	-.00086	-.00084	.56716	.00152
6	Ca3179	321.43	177.34	.11616	.11314	70.730	6.4082
7	Cd2265	.00143	.00035	.00001	.00035	.59445	.28675
8	Co2286	.03709	.00904	-.00045	-.00040	.74122	.01389
9	Cr2677	.10520	.01800	.00022	.00081	.86621	2.0908
10	Cu3247	.22248	.05367	.00204	.00288	.79290	.19207
11	Fe2714	84.998	18.616	.00683	.02599	99.750	36.402
12	K_7664	15.036	3.1506	-.00671	.03911	27.586	2.5861
13	Mg2790	74.207	44.978	.00359	.00486	25.408	4.8974
14	Mn2576	15.849	2.2805	H.00042	.00035	3.4831	.20720
15	Na3302	121.99	35.462	.02852	.06754	4.1807	.81348
16	Ni2316	.08143	.02024	-.00031	.00018	1.0993	.07523
17	2203/1	.03600	.00066	.00035	.00129	.81399	1.5885
18	2203/2	.06247	.00712	.00198	.00045	.82298	1.5710

#	Element	AD837871	AD8'1:5)	AD8'9/PB	AD8'4/PB	AD8'LPSL	AD837789
19	Sb2068	-.00118	.00049	-.00239	-.00082	.86624	-.00130
20	1960/1	.00346	-.00013	.00179	.00007	1.5015	.00973
21	1960/2	-.00475	-.00289	.00020	.00389	1.5060	.00707
22	Ti3372	1.0844	.27124	.00014	.00024	3.4104	1.6090
23	Tl1908	.00748	.00267	.00350	-.00041	1.2762	.00092
24	V_2924	.11975	.02072	-.00010	.00010	.89547	.14358
25	Zn2062	.29604	.04807	.00134	.00863	2.1209	1.1025
26	Sn1899	-.00234	-.00843	.00029	H.03233	1.0258	.02511
27	Ag3280	-.00084	-.00106	-.00136	-.00141	.74974	.00172
28	Mo2020	.03389	.00347	-.00006	.00044	.52859	.00538
29	*Y	6146.78	5784.68	5918.4	5928.15	6295.58	6740.4
30	PB2203	.05365	.00496	.00143	.00073	.81999	1.5768
31	SE1960	-.00201	-.00197	.00073	.00262	1.5045	.00796

#	Element	AD837790	AD837791	AD837792	AD837882	CCV	CCB
1	Al3082	61.373	37.872	20.682	.02611	24.469	-.02899
2	As1890	.05433	.03706	.01605	.00041	.47362	.00209
3	B_2496	.05550	.03859	.00942	.00148	.47612	.00244
4	Ba4934	.35250	.20494	.10203	.02123	.48789	.00013
5	Be3130	.00173	-.00067	-.00014	-.00072	.49709	-.00041
6	Ca3179	6.1621	6.0515	3.5526	6.2043	24.392	.02182
7	Cd2265	.25291	.06968	.04955	.00052	.47427	.00025
8	Co2286	.01598	.00851	.00582	-.00027	.48227	-.00002
9	Cr2677	5.0409	1.8911	.71704	.00165	.50744	.00047
10	Cu3247	.37632	.34302	.15293	.00331	.48836	.00131
11	Fe2714	46.577	24.503	22.931	2.0354	24.060	.01612
12	K_7664	2.7256	1.6593	1.1637	1.9607	24.478	.02822
13	Mg2790	6.5472	4.4954	2.3545	3.8960	24.459	.01514
14	Mn2576	.22162	.13330	.09594	.06643	.49713	.00021
15	Na3302	.75114	.56607	.30946	.01253	24.474	-.15469
16	Ni2316	.10441	.06063	.02540	.00083	.49109	.00066
17	2203/1	3.5028	3.0031	.95334	.02293	.48608	-.00189
18	2203/2	3.4712	3.0097	.95049	.02432	.49027	-.00022
19	Sb2068	L-.01178	-.00217	.00030	.00117	.49168	-.00092
20	1960/1	.00517	.00989	.00654	.00014	.48269	.00396
21	1960/2	.00473	.00406	.00226	.00331	.49052	.00065
22	Ti3372	1.9741	1.3091	.75908	.00134	.50914	-.00008
23	Tl1908	.00182	.00341	.00298	-.00292	.47339	.00306
24	V_2924	.26984	.13879	.06572	.00047	.48585	.00043
25	Zn2062	1.0897	.56104	.35790	.20984	.49790	.00100
26	Sn1899	.03625	.03077	.02258	.01924	.47483	.00059
27	Ag3280	.00377	.00231	.00032	-.00016	.48751	-.00085
28	Mo2020	.00737	.00517	.00362	-.00063	.50014	.00172
29	*Y	7171.95	8321.48	6627.45	5996.93	5782.65	5851.43
30	PB2203	3.4817	3.0075	.95144	.02386	.48888	-.00078
31	SE1960	.00487	.00600	.00368	.00225	.48791	.00175

#	Element	AD837782	AD837783	AD837784	AD8'1:5)	AD8'4/PS	AD8'5/MS
1	Al3082	43.758	40.990	77.575	16.417	94.629	95.709
2	As1890	.13850	.14372	.13679	.03078	.49879	.50088
3	B_2496	.06754	.08019	.05602	.01219	.41705	.41113
4	Ba4934	.77310	.75517	.39249	.08225	.75671	.69167
5	Be3130	.00262	.00252	.00458	.00050	.37239	.35711
6	Ca3179	223.52	233.18	176.74	38.333	191.53	207.78
7	Cd2265	.00878	.01013	.00277	.00073	.35647	.35297
8	Co2286	.04657	.04653	.02664	.00568	.38611	.36320
9	Cr2677	.13846	.13452	.14045	.03088	.50542	.51811
10	Cu3247	.43902	.43702	.15449	.03420	.52304	.49338
11	Fe2714	137.90	135.54	67.777	14.765	84.253	87.531
12	K_7664	6.5544	6.3107	12.461	2.2179	31.382	34.786
13	Mg2790	96.593	108.93	78.278	16.976	96.198	113.56
14	Mn2576	2.4128	2.3382	1.5924	.34662	1.9376	2.3815
15	Na3302	.88144	.83628	3.5310	.66405	22.777	22.325
16	Ni2316	.15335	.15804	.07913	.01733	.43633	.43151
17	2203/1	1.4397	1.4096	.21966	.04985	.56978	.60461
18	2203/2	1.4410	1.4017	.24334	.05443	.60162	.63011
19	Sb2068	.00788	.00809	.00081	-.00180	.35288	.20163
20	1960/1	.01072	.01531	.00683	.00186	.36249	.35272
21	1960/2	.00222	.00540	.00170	-.00245	.36807	.35629
22	Ti3372	1.2397	1.0622	1.6904	.36287	2.0278	2.0394
23	Tl1908	-.00475	-.00050	.00116	.00231	.35124	.35363
24	V_2924	.10853	.10679	.20283	.04369	.56829	.58468
25	Zn2062	2.3309	2.7167	.58009	.13146	.94204	.91306
26	Sn1899	.09814	.07428	.03389	.00753	.17116	.42580
27	Ag3280	.00263	.00311	-.00062	-.00125	.09419	.09358
28	Mo2020	.00960	.01015	.00690	.00340	.38422	.35926
29	*Y	6105.53	6045.9	6217.43	5907	6193.28	6274.12
30	PB2203	1.4406	1.4043	.23546	.05291	.59102	.62162
31	SE1960	.00505	.00871	.00341	-.00101	.36621	.35510

#	Element	AD8'6/SD	AD837787	AD837788	AD837856	CCV	CCB
1	Al3082	105.56	66.314	69.202	.16927	24.013	-.03260
2	As1890	.49878	.03357	.14802	.00299	.47083	.00072
3	B_2496	.42134	.02964	.01957	.04719	.47147	.00002
4	Ba4934	.86230	.30164	.72357	.02117	.48449	.00006
5	Be3130	.35998	.00171	.00331	-.00051	.49361	-.00054
6	Ca3179	257.25	11.384	17.787	46.268	24.006	.01385
7	Cd2265	.35358	.00236	.00269	.00003	.47127	.00013
8	Co2286	.38548	.04145	.08009	-.00035	.47631	-.00018
9	Cr2677	.52171	.07465	.11163	.00054	.50222	-.00052
10	Cu3247	.53038	.10923	.08006	.00421	.48376	.00125
11	Fe2714	100.24	103.63	267.20	.11278	23.867	.00545
12	K_7664	35.870	5.9903	6.4433	2.1329	24.970	.01311
13	Mg2790	120.01	14.930	20.976	8.5967	24.131	.00542
14	Mn2576	2.8311	1.5564	2.7608	.00864	.49111	.00012
15	Na3302	23.221	.89928	.26501	19.034	23.965	.00883
16	Ni2316	.45783	.08849	.13927	.00106	.48577	-.00004
17	2203/1	.61877	.28751	.07686	-.00038	.48192	-.00211
18	2203/2	.64310	.30708	.10053	.00019	.48165	.00097

#	Element	AD8'6/SD	AD837787	AD837788	AD837856	CCV	CCB
19	Sb2068	.19353	-.00088	-.00412	.00078	.48326	.00055
20	1960/1	.36144	-.00047	.00840	.00697	.47462	.00532
21	1960/2	.35756	.00115	-.00111	-.00229	.48549	-.00025
22	Ti3372	2.1680	1.6642	.80992	.00262	.50570	.00047
23	Tl1908	.34904	.00065	-.00291	.00396	.47229	.00376
24	V_2924	.59258	.11206	.15842	.00085	.48004	-.00021
25	Zn2062	.98487	.40532	.48745	.00487	.49032	.00174
26	Sn1899	.37314	.01794	.01671	-.00076	.47110	.00044
27	Ag3280	.09507	-.00091	-.00092	-.00049	.48135	-.00055
28	Mo2020	.36107	.00300	.01541	.00209	.49119	-.00006
29	*Y	6256.28	6452.25	6196.2	5881.88	5851.35	5868.3
30	PB2203	.63500	.30056	.09265	.00000	.48174	-.00005
31	SE1960	.35885	.00061	.00205	.00079	.48186	.00160

#	Element	AD837857	AD837858	AD837859	AD8'1:5)	AD8'9/PS	AD8'0/MD
1	Al3082	.14848	.07539	.10946	.02962	10.162	.14220
2	As1890	.00336	.00208	.00268	.00268	.20492	.00113
3	B_2496	.04030	.03692	.03670	.01009	.23545	.03805
4	Ba4934	.01928	.02118	.02169	.00537	.22504	.02165
5	Be3130	-.00060	-.00063	-.00097	-.00074	.20431	-.00063
6	Ca3179	48.445	31.769	32.012	6.5173	41.356	32.085
7	Cd2265	-.00005	.00000	.00017	-.00002	.19960	.00000
8	Co2286	-.00001	-.00049	-.00029	-.00032	.19978	-.00002
9	Cr2677	.00062	.00041	.00077	.00021	.20297	.00022
10	Cu3247	.00282	.00207	.00469	.00188	.20563	.00306
11	Fe2714	.13284	.05864	.24781	.05413	10.317	.25199
12	K_7664	1.8685	1.6724	1.6155	.32606	12.980	1.7350
13	Mg2790	8.6911	8.7786	8.8698	1.7732	18.687	8.7208
14	Mn2576	.00857	.00548	.01156	.00222	.21537	.01150
15	Na3302	14.629	11.955	11.956	2.2043	21.753	11.863
16	Ni2316	.00094	.00085	.00145	.00022	.20178	.00114
17	2203/1	-.00229	-.00041	-.00085	-.00167	.19786	-.00191
18	2203/2	.00138	.00119	.00045	-.00045	.20143	.00235
19	Sb2068	-.00110	-.00157	-.00121	-.00185	.19982	.00037
20	1960/1	.00321	.00458	.00122	.00515	.20179	.00043
21	1960/2	.00152	.00144	-.00397	-.00152	.20848	-.00132
22	Ti3372	.00137	.00134	.00209	.00017	.20865	.00259
23	Tl1908	.00031	.00313	-.00004	.00236	.19936	.00316
24	V_2924	.00032	.00011	.00031	-.00032	.20264	.00064
25	Zn2062	.00590	.00073	.00157	.00108	.20215	.00221
26	Sn1899	-.00138	-.00151	-.00210	.00014	.07619	.00090
27	Ag3280	-.00062	-.00108	-.00179	-.00152	.05084	-.00025
28	Mo2020	.00256	.00136	.00219	.00027	.20537	.00179
29	*Y	5845.28	5831.92	5917.95	5876.33	5905.8	5879.78
30	PB2203	.00015	.00066	.00001	-.00086	.20024	.00093
31	SE1960	.00208	.00248	-.00224	.00069	.20625	-.00074

#	Element	AD8'1/MS	AD837862	AD837863	AD837864	CCV	CCB
1	Al3082	10.204	.30611	.08774	.07424	24.296	L-.05899
2	As1890	.20134	.00279	.00134	.00156	.47153	.00096
3	B_2496	.23519	.03766	.04605	.03750	.47637	.00039
4	Ba4934	.22563	.02202	.02157	.02081	.49238	.00006
5	Be3130	.20289	-.00067	-.00099	-.00069	.49002	-.00081
6	Ca3179	41.418	31.735	31.749	31.412	24.155	.02056
7	Cd2265	.19767	.00003	.00025	-.00001	.47453	.00005
8	Co2286	.19237	-.00025	.00007	-.00017	.47722	-.00019
9	Cr2677	.20259	.00044	.00082	.00019	.50191	.00000
10	Cu3247	.20893	.00281	.00611	.00256	.48816	.00210
11	Fe2714	10.280	.23676	.09381	.06763	23.945	.00879
12	K_7664	13.080	1.7546	1.7869	1.6640	26.359	.01493
13	Mg2790	18.604	8.6582	8.5540	8.6844	24.193	.00346
14	Mn2576	.21423	.01237	.00747	.00563	.49437	.00000
15	Na3302	21.815	13.438	12.952	11.762	24.294	-.08877
16	Ni2316	.20228	.00084	.00101	.00138	.48714	.00017
17	2203/1	.19860	-.00285	-.00013	-.00210	.48527	-.00203
18	2203/2	.19940	-.00014	.00001	.00142	.48483	.00200
19	Sb2068	.20304	.00038	.00014	.00133	.48999	-.00138
20	1960/1	.20765	.00179	.00216	.00263	.48279	-.00130
21	1960/2	.20400	.00153	-.00499	-.00026	.48892	-.00275
22	Ti3372	.20529	.00472	.00182	.00113	.51174	-.00029
23	Tl1908	.20020	.00262	-.00004	-.00153	.47743	-.00017
24	V_2924	.20265	.00075	.00138	.00043	.48370	.00043
25	Zn2062	.20684	.00248	.00293	.00533	.48636	.00125
26	Sn1899	.20069	-.00107	-.00106	-.00076	.47693	.00045
27	Ag3280	.05140	-.00064	-.00146	-.00048	.48649	-.00157
28	Mo2020	.20636	.00112	.00252	.00254	.48928	.00085
29	*Y	5849.92	5842.42	5906.4	5871.15	5766.38	5840.93
30	PB2203	.19913	-.00104	-.00003	.00024	.48498	.00066
31	SE1960	.20521	.00161	-.00261	.00070	.48687	-.00227

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.13439	4.24333	20.0605	40.8477	50.118	18.601
2	As1890	-.03998	1.04776	5.17462	10.5122	1.0008	.36331
3	B_2496	-.00137	.36824	1.78439	3.64785	1.0011	.37078
4	Ba4934	.00068	.73944	3.58673	7.37035	.99251	.37394
5	Be3130	.0963	1.32639	6.12663	12.6235	.99723	.36831
6	Ca3179	.0233			33.7826	50.121	18.753
7	Cd2265	.00447	1.60026	7.64349	15.161	1.0059	.37397
8	Co2286	-.00567	.71724	3.51261	7.14705	1.0054	.36692
9	Cr2677	.00068	.57341	2.77745	5.7134	.99871	.38037
10	Cu3247	.00739	.49082	2.36822	4.83654	1.0011	.36410
11	Fe2714	-.00068	.63543	3.08199	6.21694	50.237	18.484
12	K_7664	-.15417			148.843	50.338	19.136
13	Mg2790	-.0006			18.0021	49.424	18.384
14	Mn2576	.0012	.35731	1.72891	3.51845	.99791	.37523
15	Na3302	.00412			2.24173	50.172	18.459
16	Ni2316	-.01203	.54746	2.71759	5.4927	1.0035	.37535
17	2203/1	.02811	.47807	2.23055	4.45171	1.0016	.37670
18	2203/2	-.00714	2.50822	12.3959	25.2369	1.0020	.37397

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
19	Sb2068	-.00249	.18946	.90829	1.79677	1.0082	.38370
20	1960/1	-.04625	.29919	1.63263	3.27366	1.0096	.37851
21	1960/2	.04814	.49123	2.21165	4.41172	1.0005	.37753
22	Ti3372	-.00154	1.07604	5.23147	10.5599	1.0019	.38860
23	Tl1908	-.02536	.3174	1.6194	3.12144	1.0122	.38268
24	V_2924	.00034	.07989	.38638	.78518	1.0009	.36974
25	Zn2062	.00094	.06983	.33236	.6905	.99311	.37333
26	Sn1899	-.00008	.05369	.264	.51682	1.0176	.38224
27	Ag3280	-.03706	.58972	3.00478	6.18887	.99855	.36592
28	Mo2020	.00232	.2671	1.28807	2.6758	.99582	.36827
29	*Y	5814.83	5763.75	5821.88	5803.73	5845.35	5840.7
30	PB2203					1.0018	.37488
31	SE1960					1.0036	.37785

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00202	.19299	499.52	495.28	24.310	.12915
2	As1890	.00029	.00956	.00084	.09814	.47180	.00093
3	B_2496	.00196	.02396	.00091	.03259	.47600	.00201
4	Ba4934	.00017	.00202	.00042	.50254	.48415	.00010
5	Be3130	.00007	.00213	.00034	.48384	.48042	-.00001
6	Ca3179	.01481	.52394	489.63	486.45	24.582	.02874
7	Cd2265	.00014	.00119	Q.00391	.95313	.48803	.00000
8	Co2286	.00061	.00416	-.00031	.46995	.48050	.00010
9	Cr2677	.00033	.00478	.00006	.49838	.49759	.00032
10	Cu3247	.00023	.01098	.00653	.50280	.47680	.00029
11	Fe2714	.00543	.05562	189.77	96.385	24.176	.01093
12	K_7664	.00912	.48700	-.07305	-.03241	25.241	.00626
13	Mg2790	.01008	.22022	509.62	494.42	23.878	.02765
14	Mn2576	.00025	.00304	.00131	.47408	.49064	.00011
15	Na3302	-.05348	.98500	-.04328	.03377	24.110	-.00482
16	Ni2316	-.00004	.01059	.00061	.92552	.49060	.00032
17	2203/1	-.00144	.00413	-.09142	-.04507	.49392	-.00180
18	2203/2	.00013	.00338	.05509	.09981	.49129	-.00159
19	Sb2068	.00313	.02385	-.00101	.61684	.49727	.00476
20	1960/1	.00058	.01257	-.01046	.04494	.49611	-.00302
21	1960/2	.00588	.01579	-.00385	.05173	.49219	.00567
22	Ti3372	.00031	.00475	.00120	.00312	.50929	.00030
23	Tl1908	.00254	.02402	-.00261	.09440	.50391	.00195
24	V_2924	.00009	.00578	.00071	.49036	.48365	-.00012
25	Zn2062	.00073	.01227	.00140	.92699	.48412	.00237
26	Sn1899	-.00114	.00657	.00120	-.00051	.50003	-.00017
27	Ag3280	.00001	.00184	-.00276	.20744	.48070	.00027
28	Mo2020	.00122	.01076	-.00508	-.00299	.48363	.00025
29	*Y	5854.8	5737.73	5527.95	5593.95	5895.6	5834.92
30	PB2203	-.00039	.00363	.00630	.05156	.49217	-.00166
31	SE1960	.00411	.01471	-.00605	.04947	.49349	.00277

#	Element	AD8'3/PB	AD8'2/FB	AD837849	AD837850	AD837851	AD837852
1	Al3082	H.10275	10.292	.08184	.04110	.05053	.08826
2	As1890	-.00099	.20116	-.00028	-.00007	.00063	.00060
3	B_2496	.01602	.21445	.09612	.10397	.03362	.40974
4	Ba4934	.00017	.20407	.18801	.04559	.02004	.21426
5	Be3130	-.00004	.19950	-.00022	-.00048	-.00014	.00005
6	Ca3179	.20138	10.416	65.888	16.496	23.940	18.650
7	Cd2265	.00001	.20333	-.00009	-.00008	.00004	.00002
8	Co2286	.00022	.19475	-.00010	-.00025	.00048	.00013
9	Cr2677	.00112	.20137	.00036	.00060	.00072	.00092
10	Cu3247	.00037	.20134	.01525	.00853	.03594	.01055
11	Fe2714	.00954	10.155	.37048	.17402	.49178	.14348
12	K_7664	-.00213	10.888	4.9859	1.8639	1.7717	8.1054
13	Mg2790	.04044	10.051	15.232	7.1362	10.217	6.5066
14	Mn2576	.00001	.20349	.02408	.00697	.29408	.01247
15	Na3302	-.00337	10.243	146.57	13.793	3.8571	H877.45
16	Ni2316	-.00009	.20246	.00333	.00068	.00008	.00544
17	2203/1	-.00137	.20211	.00033	-.00219	.00063	.00006
18	2203/2	-.00070	.20504	.00058	.00220	.00072	.00147
19	Sb2068	.00122	.20716	.00306	.00237	.00231	.00415
20	1960/1	-.00389	.20798	-.00257	-.00522	-.00447	.00178
21	1960/2	-.00096	.20904	-.00010	.00237	.00253	.00665
22	Ti3372	.00031	.20344	.00014	.00007	.00009	.00008
23	Tl1908	.00106	.21016	.00218	.00322	.00123	.00040
24	V_2924	.00009	.20205	-.00024	-.00045	.00008	-.00011
25	Zn2062	.00048	.20565	.02769	.01182	.00536	.02277
26	Sn1899	.00095	.21142	-.00179	-.00114	.00048	.00114
27	Ag3280	-.00022	.05125	-.00148	-.00164	-.00051	-.00107
28	Mo2020	.00106	.20568	-.00129	-.00021	-.00015	-.00117
29	*Y	5847.83	5844.38	5837.78	5845.12	5878.58	5690.03
30	PB2203	-.00093	.20407	.00050	.00074	.00069	.00100
31	SE1960	-.00193	.20868	-.00093	-.00015	.00019	.00502

#	Element	AD837853	AD837854	AD837855	AD8'4/PB	CCV	CCB
1	Al3082	.07094	.05460	.03547	.04694	24.535	.07727
2	As1890	.00038	.01084	.01020	.00038	.47124	.00033
3	B_2496	.03441	.03218	.03148	.01120	.47770	.00173
4	Ba4934	.02235	.03911	.00006	.00012	.48786	.00015
5	Be3130	-.00013	-.00054	-.00033	-.00012	.48231	-.00031
6	Ca3179	29.570	20.035	.17213	.12026	24.561	.02460
7	Cd2265	.00002	.00017	.00002	.00001	.48595	.00008
8	Co2286	.00026	.00011	-.00006	.00027	.48038	.00029
9	Cr2677	.00060	.00073	.00021	.00033	.49875	.00050
10	Cu3247	.06393	.01008	.01203	-.00044	.47901	.00173
11	Fe2714	2.3911	8.6388	.02846	.00612	24.192	.00613
12	K_7664	2.0769	2.0517	.04873	.00475	25.494	-.00173
13	Mg2790	9.7151	8.4780	.00775	.00241	24.101	.01825
14	Mn2576	.21387	.25381	.00005	-.00001	.49056	.00008
15	Na3302	4.2814	3.2430	48.242	-.02370	24.194	.03176
16	Ni2316	.00443	.00088	.00158	-.00044	.49021	-.00024
17	2203/1	.00206	-.00183	-.00189	-.00115	.49066	-.00368
18	2203/2	.00302	-.00052	.00051	-.00082	.48847	.00001

#	Element	AD837853	AD837854	AD837855	AD8'4/PB	CCV	CCB
19	Sb2068	.00145	.00096	.00195	.00438	.49656	.00080
20	1960/1	-.00393	-.00116	-.00622	-.00251	.49498	-.00504
21	1960/2	.00318	.00079	-.00049	.00385	.48854	.00273
22	Ti3372	.00016	.00162	.00002	.00021	.50916	.00002
23	Tl1908	.00393	.00246	.00261	.00019	.49400	.00271
24	V_2924	-.00005	-.00008	-.00034	.00042	.48509	.00009
25	Zn2062	.01878	.05908	.01870	.00161	.48423	.00261
26	Sn1899	.00037	-.00023	.00222	.00160	.49840	-.00098
27	Ag3280	-.00034	-.00177	-.00121	-.00012	.48240	-.00141
28	Mo2020	.00070	.00144	-.00030	-.00007	.48678	.00008
29	*Y	5837.1	5870.78	5909.03	5851.2	5821.73	5844.75
30	PB2203	.00270	-.00096	-.00028	-.00093	.48920	-.00121
31	SE1960	.00081	.00014	-.00240	.00172	.49068	.00014

#	Element	AD8'3/FB	AD837761	AD837762	AD837763	AD8'1:5)	AD8'3/PS
1	Al3082	10.330	.05729	.04308	.02062	L-.04204	10.213
2	As1890	.20422	.00029	.00166	.00154	.00066	.20518
3	B_2496	.21474	.09442	.10153	.03105	.00598	.23105
4	Ba4934	.20432	.18865	.04530	.02030	.00420	.22218
5	Be3130	.20884	-.00007	-.00009	-.00023	-.00050	.20503
6	Ca3179	10.543	65.681	16.181	23.906	4.7523	33.574
7	Cd2265	.20242	-.00005	-.00006	.00013	-.00008	.20394
8	Co2286	.19780	-.00001	-.00014	.00122	-.00017	.20272
9	Cr2677	.20634	.00071	.00066	.00006	.00049	.20292
10	Cu3247	.20691	.00003	.00689	.00561	.00311	.20581
11	Fe2714	10.218	.34150	-.00269	.31798	.05556	10.506
12	K_7664	10.354	5.2194	1.9315	1.8657	.33483	12.498
13	Mg2790	10.406	15.035	6.8981	10.325	2.0858	20.281
14	Mn2576	.20779	.02380	.00489	.28998	.05706	.48722
15	Na3302	10.240	145.73	13.643	4.1008	.79671	14.369
16	Ni2316	.20781	.00120	.00009	.00128	-.00030	.20410
17	2203/1	.20321	-.00253	-.00348	-.00102	-.00097	.20234
18	2203/2	.21078	.00075	-.00023	-.00100	-.00022	.20549
19	Sb2068	.20125	.00177	.00365	.00120	.00141	.20053
20	1960/1	.20262	-.00635	-.00473	-.00194	-.00549	.20961
21	1960/2	.21082	.00046	-.00033	-.00120	-.00167	.21231
22	Ti3372	.20451	.00006	.00004	.00016	-.00006	.20328
23	Tl1908	.19590	.00071	.00260	.00563	.00348	.20428
24	V_2924	.20480	-.00012	-.00012	-.00023	-.00034	.20191
25	Zn2062	.21545	.00964	.01510	.01080	.00222	.21199
26	Sn1899	.20447	-.00065	-.00099	.00000	-.00017	.08022
27	Ag3280	.05035	-.00060	-.00050	-.00140	-.00216	.05007
28	Mo2020	.21354	.00014	-.00024	-.00103	.00070	.20279
29	*Y	5843.92	5817.23	5792.92	5779.95	5835.08	5829.45
30	PB2203	.20826	-.00034	-.00131	-.00100	-.00047	.20444
31	SE1960	.20809	-.00180	-.00180	-.00144	-.00294	.21141

#	Element	AD8'4/MS	AD8'5/SD	AD837766	AD837767	CCV	CCB
1	Al3082	10.225	10.168	.02585	.00044	24.635	.09474
2	As1890	.20016	.20216	.00190	.00000	.47586	.00120
3	B_2496	.23172	.22910	.41769	.03052	.47930	.00135
4	Ba4934	.22279	.21952	.21971	.02193	.48965	.00007
5	Be3130	.19821	.20401	-.00021	-.00041	.48541	-.00019
6	Ca3179	34.301	33.986	18.823	29.733	24.672	.02387
7	Cd2265	.19958	.19744	-.00007	-.00004	.48922	.00011
8	Co2286	.19168	.19315	.00038	.00043	.48292	-.00008
9	Cr2677	.19862	.20146	.00070	.00035	.50248	.00005
10	Cu3247	.20503	.20850	.00288	.00215	.47930	.00115
11	Fe2714	10.298	10.346	.09949	1.6552	24.304	-.00139
12	K_7664	12.952	11.872	7.7966	1.9927	25.821	-.01326
13	Mg2790	20.219	20.384	6.8019	9.9357	24.197	.01694
14	Mn2576	.49020	.49188	.01245	.21056	.49097	.00020
15	Na3302	14.373	14.150	H895.21	4.2722	23.966	-.09178
16	Ni2316	.20040	.20230	.00103	.00333	.49301	.00022
17	2203/1	.19875	.19799	-.00133	-.00244	.49174	-.00227
18	2203/2	.19942	.20426	-.00165	.00000	.49248	.00010
19	Sb2068	.20249	.19777	.00276	.00020	.49983	.00322
20	1960/1	.20675	.20142	-.00420	-.00170	.49720	-.00342
21	1960/2	.20851	.20098	.00434	.00246	.49223	.00223
22	Ti3372	.20038	.20129	.00015	.00000	.50911	.00009
23	Tl1908	.19724	.19507	.00359	.00093	.49454	-.00060
24	V_2924	.20028	.20118	-.00034	-.00004	.48665	-.00001
25	Zn2062	.20976	.21439	.00379	.00723	.48687	.00236
26	Sn1899	.20926	.20135	-.00018	.00084	.49776	-.00211
27	Ag3280	.05061	.04961	-.00274	-.00189	.48294	-.00087
28	Mo2020	.19998	.20677	-.00031	.00067	.49213	.00002
29	*Y	5800.28	5784.23	5586.3	5810.93	5808.3	5855.18
30	PB2203	.19920	.20217	-.00154	-.00081	.49223	-.00068
31	SE1960	.20792	.20112	.00149	.00107	.49388	.00034

#	Element	AD837768	AD837769	AD837770	AD837771	AD837772	CRI
1	Al3082	.09719	-.00208	.00442	.05096	.01741	.16153
2	As1890	.00846	.00870	.00271	.00086	-.00031	.01054
3	B_2496	.02967	.02782	2.3949	4.4430	3.1540	.02623
4	Ba4934	.03996	.00045	.01558	.08342	.08557	.00212
5	Be3130	-.00038	-.00045	-.00035	-.00011	-.00020	.00178
6	Ca3179	20.702	.15852	15.768	73.875	52.958	.52764
7	Cd2265	.00019	.00010	.00008	.00023	.00013	.00118
8	Co2286	.00008	.00012	.00025	.00233	-.00007	.00427
9	Cr2677	.00032	.00049	.00055	.12071	.00006	.00437
10	Cu3247	.00221	.00304	.00211	.00078	.00108	.01282
11	Fe2714	8.2797	.00200	.39204	10.434	1.4844	.04488
12	K_7664	2.1031	.09809	3.8280	25.397	5.4937	.47548
13	Mg2790	8.7190	.01116	6.4721	29.578	21.181	.22370
14	Mn2576	.26048	.00008	.01587	.37296	.01177	.00306
15	Na3302	3.5524	49.144	107.23	282.43	127.25	1.2406
16	Ni2316	.00165	.00074	.00072	.11378	-.00006	.01118
17	2203/1	-.00341	-.00239	-.00197	-.00002	-.00433	.00105
18	2203/2	-.00003	-.00009	-.00054	.00097	-.00034	.00478

#	Element	AD837768	AD837769	AD837770	AD837771	AD837772	CRI
19	Sb2068	.00158	.00169	.00042	.00420	.00238	.01965
20	1960/1	-.00399	-.00605	-.00332	-.00254	-.00665	.01812
21	1960/2	-.00158	.00358	-.00235	.00078	.00025	.01530
22	Ti3372	.00010	.00025	-.00004	.00098	.00010	.00503
23	Tl1908	.00464	.00301	-.00007	.00005	.00200	.01822
24	V_2924	-.00006	-.00001	-.00034	.00190	-.00003	.00540
25	Zn2062	.02457	.01169	.00131	.00201	.00161	.01192
26	Sn1899	-.00255	.00030	-.00048	-.00201	-.00112	.00702
27	Ag3280	-.00170	-.00136	-.00122	-.00096	-.00184	.00194
28	Mo2020	.00013	.00038	.00449	.00451	.00090	.01058
29	*Y	5763.98	5825.25	5830.5	5727.53	5727.83	5778.6
30	PB2203	-.00115	-.00086	-.00101	.00064	-.00167	.00354
31	SE1960	-.00238	.00037	-.00268	-.00032	-.00205	.01624

#	Element	ICSA	ICSAB	CCV	CCB
1	Al3082	492.80	500.10	24.644	.12706
2	As1890	-.00117	.09738	.47636	.00185
3	B_2496	.00467	.03423	.48331	.00228
4	Ba4934	.00048	.50952	.48420	.00010
5	Be3130	.00054	.48510	.50273	-.00014
6	Ca3179	485.18	487.26	24.861	.08108
7	Cd2265	.00211	.94622	.47939	.00021
8	Co2286	.00032	.47117	.48668	.00044
9	Cr2677	-.00005	.50006	.51053	.00037
10	Cu3247	.00514	.50350	.48642	.00233
11	Fe2714	189.72	96.043	24.280	.02428
12	K_7664	-.03064	-.05542	23.602	.02877
13	Mg2790	502.58	494.15	24.605	.06876
14	Mn2576	.00094	.47166	.50002	.00021
15	Na3302	.05587	-.14477	24.274	-.00799
16	Ni2316	.00079	.91789	.49546	.00070
17	2203/1	-.09272	-.05037	.49476	-.00121
18	2203/2	.05251	.10380	.50297	.00040
19	Sb2068	.00132	.60882	.48741	.00098
20	1960/1	-.01269	.04711	.48629	-.00371
21	1960/2	-.00051	.04551	.49622	.00368
22	Ti3372	.00201	.00276	.51037	-.00005
23	Tl1908	-.00728	.09163	.47607	.00094
24	V_2924	.00080	.49260	.48835	.00021
25	Zn2062	.00038	.92258	.50258	.00269
26	Sn1899	.00379	-.00025	.48795	-.00084
27	Ag3280	-.00104	.20835	.48818	-.00155
28	Mo2020	-.00491	-.00284	.50174	-.00009
29	*Y	5549.1	5482.28	5773.95	5738.33
30	PB2203	.00414	.05246	.50024	-.00013
31	SE1960	-.00457	.04604	.49291	.00121

Curvefit

Fit Status Summary 02/29/08 10:44:51 AM

page 1

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1FEB2908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
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Ca3179	317.933	02/29/08 10:43	Full Fit	.999983
K_7664	766.491	02/29/08 10:44	Full Fit	.999935
Mg2790	279.078	02/29/08 10:44	Full Fit	.999980
Na3302	330.232	02/29/08 10:44	Full Fit	.999993

Calibration Report

02/29/08 10:18:19 AM

page 1

Method: TRACE1 Standard Name: STD BLK

Operator:

Run Time: 02/29/08 10:15:15

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0355453	-.244815	.0073542	.0150342
SDev	.0001242	.014620	.0000018	.0085478
%RSD	.3493653	5.971845	.0242627	56.85564

#1	.0356331	-.255153	.0073555	.0089900
#2	.0354575	-.234477	.0073529	.0210784

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6119	--	--	--	--	--	--
SDev	1.484648	--	--	--	--	--	--
%RSD	.0242631	--	--	--	--	--	--

#1	6118	--	--	--	--	--	--
#2	6120	--	--	--	--	--	--

Calibration Report

02/29/08 10:22:12 AM

page 1

Method: TRACE1 Standard Name: STD 1

Operator:

Run Time: 02/29/08 10:19:09

Comment:

Correction Factor: 1

Elem	Ca3179	K 7664	Mg2790	Na3302
Avgc	5.089559	16.23073	2.883723	.2430277
SDev	.000761	.07108	.001266	.0036325
%RSD	.0149589	.4379460	.0438931	1.494694

#1	5.090097	16.28099	2.884619	.2455963
#2	5.089020	16.18047	2.882829	.2404591

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avgc	5950	--	--	--	--	--	--
SDev	24.92551	--	--	--	--	--	--
%RSD	.4189074	--	--	--	--	--	--

#1	5932	--	--	--	--	--	--
#2	5968	--	--	--	--	--	--

Calibration Report

02/29/08 10:27:15 AM

page 1

Method: TRACE1 Standard Name: STD 2

Operator:

Run Time: 02/29/08 10:24:12

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	25.68527	79.81636	14.83934	1.220836
SDev	.03784	.27918	.02082	.005805
%RSD	.1473130	.3497721	.1403201	.4755192

#1	25.65852	79.61895	14.82461	1.216731
#2	25.71203	80.01376	14.85406	1.224940

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	5891	--	--	--	--	--	--
SDev	7.742958	--	--	--	--	--	--
%RSD	.1314265	--	--	--	--	--	--

#1	5897	--	--	--	--	--	--
#2	5886	--	--	--	--	--	--

Calibration Report

02/29/08 10:32:27 AM

page 1

Method: TRACE1 Standard Name: STD 3
 Run Time: 02/29/08 10:29:24
 Comment:
 Correction Factor: 1

Operator:

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	50.78799	152.6110	29.40547	2.487446
SDev	.06733	.1542	.05182	.003751
%RSD	.1325703	.1010373	.1762110	.1507797

#1	50.83559	152.5020	29.44211	2.484794
#2	50.74038	152.7201	29.36883	2.490098

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	5654	--	--	--	--	--	--
SDev	20.47088	--	--	--	--	--	--
%RSD	.3620873	--	--	--	--	--	--

#1	5639	--	--	--	--	--	--
#2	5668	--	--	--	--	--	--

Calibration Report

02/29/08 10:37:39 AM

page 1

Method: TRACE1 Standard Name: NAKCAMG100

Operator:

Run Time: 02/29/08 10:34:35

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	100.4797	289.8732	59.20093	5.170373
SDev	.0308	.0348	.05960	.009053
%RSD	.0306572	.0119928	.1006679	.1750900

#1	100.4579	289.8978	59.15879	5.176774
#2	100.5015	289.8486	59.24307	5.163972

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5628	--	--	--	--	--	--
SDev	18.87989	--	--	--	--	--	--
%RSD	.3354725	--	--	--	--	--	--
#1	5614	--	--	--	--	--	--
#2	5641	--	--	--	--	--	--

Calibration Report

02/29/08 10:43:11 AM

page 1

Method: TRACE1 Standard Name: NAKCAMG400

Operator:

Run Time: 02/29/08 10:40:07

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	386.8998	1023.330	242.8871	24.76946
SDev	.2830	1.555	.3000	.03553
%RSD	.0731540	.1520010	.1235117	.1434379

#1	386.6997	1022.230	242.6749	24.74434
#2	387.0999	1024.429	243.0992	24.79458

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5488	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1816774	--	--	--	--	--	--
#1	5481	--	--	--	--	--	--
#2	5495	--	--	--	--	--	--

Method: TRACE1 Standard: STD BLK
Run Time: 07/08/08 09:46:38

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.17269	-.04877	-.00026	.00009	.10420	.02005	.00422
SDev	.00338	.00701	.00134	.00061	.00047	.00054	.00281
%RSD	1.9601	14.380	522.81	699.06	.45627	2.6954	66.646

#1	.17030	-.05373	-.00120	-.00034	.10386	.02043	.00223
#2	.17508	-.04381	.00069	.00052	.10453	.01966	.00621

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00396	.00258	.00112	-.00172	-.13954	.00095	.00129
SDev	.00120	.00072	.00061	.00097	.00853	.00012	.00013
%RSD	30.420	27.958	54.682	56.283	6.1132	12.520	9.7660

#1	-.00481	.00309	.00069	-.00240	-.14558	.00103	.00120
#2	-.00310	.00207	.00155	-.00103	-.13351	.00086	.00138

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00715	-.01291	.02864	-.03340	.00387	-.07054	.05305
SDev	.00307	.00491	.00562	.01131	.00086	.01023	.02379
%RSD	42.905	38.028	19.628	33.853	22.330	14.496	44.849

#1	.00498	-.00944	.03262	-.02541	.00326	-.07777	.06987
#2	.00931	-.01639	.02467	-.04140	.00448	-.06331	.03622

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00060	-.02667	.00026	.00077	-.00026	-.03407	.00112
SDev	.00377	.00064	.00012	.00036	.00037	.00183	.00158
%RSD	632.68	2.3978	46.838	46.838	141.42	5.3750	141.42

#1	-.00326	-.02712	.00034	.00103	.00000	-.03536	.00223
#2	.00207	-.02622	.00017	.00052	-.00052	-.03277	.00000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5811	--	--	--	--	--	--
SDev	19.72821	--	--	--	--	--	--
%RSD	.3394889	--	--	--	--	--	--
#1	5825	--	--	--	--	--	--
#2	5797	--	--	--	--	--	--

Method: TRACE1 Standard: STD 1
 Run Time: 07/08/08 09:52:09

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.2764	1.0215	.36770	.72935	1.2990	1.6390	.71875
SDev	.0016	.0149	.00183	.00002	.0014	.0108	.00617
%RSD	.03741	1.4614	.49865	.00332	.10591	.65926	.85809
#1	4.2775	1.0109	.36640	.72934	1.3000	1.6466	.72311
#2	4.2753	1.0320	.36899	.72937	1.2980	1.6314	.71438
Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.56334	.47190	.63707	.35147	.54572	.48909	2.5209
SDev	.00150	.00063	.00175	.00080	.00100	.00443	.0150
%RSD	.26647	.13423	.27399	.22727	.18310	.90565	.59360
#1	.56440	.47146	.63830	.35203	.54501	.49222	2.5103
#2	.56227	.47235	.63583	.35090	.54643	.48596	2.5314
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.19650	.28656	.49962	1.0674	.32651	.07908	.06829
SDev	.00383	.01011	.00140	.0005	.00527	.00026	.00084
%RSD	1.9470	3.5270	.27945	.04551	1.6130	.33149	1.2254
#1	.19921	.29371	.49863	1.0677	.32278	.07927	.06888
#2	.19380	.27941	.50060	1.0670	.33023	.07890	.06770
Elem	Sn1899	Ag3280	Mo2020				
Avge	.05672	.58060	.26168				
SDev	.00067	.00015	.00023				
%RSD	1.1753	.02601	.08844				
#1	.05625	.58049	.26152				
#2	.05719	.58071	.26184				

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5791	--	--	--	--	--	--
SDev	19.19788	--	--	--	--	--	--
%RSD	.3314880	--	--	--	--	--	--
#1	5778	--	--	--	--	--	--
#2	5805	--	--	--	--	--	--

Method: TRACE1 Standard: STD 2
 Run Time: 07/08/08 09:57:12

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	20.661	5.3183	1.8317	3.6093	6.2196	7.9913	3.6230
SDev	.032	.0162	.0020	.0030	.0062	.0382	.0122
%RSD	.15715	.30485	.10690	.08294	.10007	.47779	.33688
#1	20.638	5.3068	1.8303	3.6072	6.2240	8.0183	3.6316
#2	20.683	5.3298	1.8331	3.6114	6.2152	7.9643	3.6143
Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	2.8430	2.3734	3.1903	1.7535	2.7839	2.3026	12.797
SDev	.0021	.0042	.0076	.0054	.0065	.0157	.010
%RSD	.07505	.17759	.23942	.30966	.23306	.68071	.08088
#1	2.8445	2.3764	3.1957	1.7496	2.7885	2.3137	12.804
#2	2.8415	2.3704	3.1849	1.7573	2.7793	2.2915	12.789
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.93470	1.7152	2.2952	5.2915	1.6954	.39675	.34118
SDev	.00085	.0079	.0148	.0049	.0040	.00026	.00141
%RSD	.09122	.45858	.64422	.09226	.23759	.06425	.41453
#1	.93409	1.7208	2.3056	5.2949	1.6925	.39693	.34018
#2	.93530	1.7097	2.2847	5.2880	1.6982	.39657	.34218
Elem	Sn1899	Ag3280	Mo2020				
Avge	.27734	3.0240	1.3107				
SDev	.00071	.0005	.0044				
%RSD	.25485	.01780	.33298				
#1	.27784	3.0244	1.3076				
#2	.27684	3.0237	1.3138				

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5740	--	--	--	--	--	--
SDev	19.72821	--	--	--	--	--	--
%RSD	.3436761	--	--	--	--	--	--
#1	5726	--	--	--	--	--	--
#2	5754	--	--	--	--	--	--

Method: TRACE1 Standard: STD 3
 Run Time: 07/08/08 10:02:16

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	41.706	10.778	3.6941	7.3178	12.338	34.701	15.895
SDev	.207	.087	.0287	.0128	.023	.171	.062
%RSD	.49689	.80398	.77795	.17444	.18456	.49249	.39168
#1	41.560	10.716	3.6738	7.3268	12.322	34.580	15.851
#2	41.853	10.839	3.7144	7.3087	12.354	34.822	15.940
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.2736	5.6900	4.8244	6.3863	144.11	18.036	3.5451
SDev	.0251	.0111	.0061	.0214	.53	.013	.0106
%RSD	.34539	.19425	.12721	.33444	.36557	.07003	.29987
#1	7.2558	5.6822	4.8287	6.3712	143.74	18.027	3.5376
#2	7.2914	5.6978	4.8201	6.4014	144.48	18.045	3.5526
Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.2355	5.6237	4.5696	25.576	1.8776	3.5015	4.5023
SDev	.0141	.0201	.0112	.104	.0038	.0288	.0345
%RSD	.63278	.35657	.24619	.40488	.20189	.82176	.76569
#1	2.2455	5.6095	4.5617	25.503	1.8750	3.4811	4.4779
#2	2.2255	5.6379	4.5776	25.650	1.8803	3.5218	4.5267
Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	10.706	3.4235	.79647	.68694	.55364	6.1967	2.6590
SDev	.004	.0345	.00509	.00145	.00215	.0078	.0032
%RSD	.04097	1.0092	.63864	.21059	.38848	.12570	.11999
#1	10.703	3.3991	.79288	.68591	.55212	6.1912	2.6568
#2	10.709	3.4480	.80007	.68796	.55516	6.2022	2.6613

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5765	--	--	--	--	--	--
SDev	17.28890	--	--	--	--	--	--
%RSD	.2998694	--	--	--	--	--	--
#1	5778	--	--	--	--	--	--
#2	5753	--	--	--	--	--	--

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Method: TRACE1

Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.21473	-.209591	07/08/08 10:02:16
As1890	189.042	Multiple	Standards	.092986	.004540	07/08/08 10:02:16
B_2496	249.678	Multiple	Standards	.272007	.000070	07/08/08 10:02:16
Ba4934	493.409	Multiple	Standards	.137493	-.000013	07/08/08 10:02:16
Be3130	313.042	Multiple	Standards	.082484	-.008581	07/08/08 10:02:16
Ca3179	317.933	STD 3	STD BLK	1.46342	.006209	07/08/08 10:02:16
Cd2265	226.502	Multiple	Standards	.062499	-.000279	07/08/08 10:02:16
Co2286	228.616	Multiple	Standards	.138110	.000550	07/08/08 10:02:16
Cr2677	267.716	Multiple	Standards	.176789	-.000448	07/08/08 10:02:16
Cu3247	324.753	Multiple	Standards	.209681	-.000225	07/08/08 10:02:16
Fe2714	271.441	Multiple	Standards	7.83016	.013455	07/08/08 10:02:16
K_7664	766.491	STD 3	STD BLK	1.05965	-.096946	07/08/08 10:02:16
Mg2790	279.078	STD 3	STD BLK	1.63007	.005812	07/08/08 10:02:16
Mn2576	257.610	Multiple	Standards	.283963	-.000362	07/08/08 10:02:16
Na3302	330.232	STD 3	STD BLK	1.10951	.007105	07/08/08 10:02:16
Ni2316	231.604	Multiple	Standards	.178216	.002305	07/08/08 10:02:16
2203/1	220.351	Multiple	Standards	.226340	-.006491	07/08/08 10:02:16
2203/2	220.352	Multiple	Standards	.038457	.001287	07/08/08 10:02:16
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.531564	-.002076	07/08/08 10:02:16
1960/1	196.021	Multiple	Standards	.280353	.019775	07/08/08 10:02:16
1960/2	196.022	Multiple	Standards	.221520	-.011751	07/08/08 10:02:16
Ti3372	337.280	Multiple	Standards	.093846	.000055	07/08/08 10:02:16
Tl1908	190.864	Multiple	Standards	.286082	.007617	07/08/08 10:02:16
V_2924	292.402	Multiple	Standards	1.26269	-.000321	07/08/08 10:02:16
Zn2062	206.200	Multiple	Standards	1.46559	-.001127	07/08/08 10:02:16
Sn1899	189.989	Multiple	Standards	1.78351	.000446	07/08/08 10:02:16
Ag3280	328.068	Multiple	Standards	.162128	.005527	07/08/08 10:02:16
Mo2020	202.030	Multiple	Standards	.380670	-.000418	07/08/08 10:02:16

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Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000183	-.000183
		STD 1	5.00000	4.98510	.014902
		STD 2	25.0000	24.8874	.112608
		STD 3	50.0000	50.4522	-.452160

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099523	.000477
		STD 2	.500000	.499065	.000935
		STD 3	1.00000	1.00671	-.006707

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100086	-.000086
		STD 2	.500000	.498299	.001701
		STD 3	1.00000	1.00489	-.004890

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100268	-.000268
		STD 2	.500000	.496238	.003762
		STD 3	1.00000	1.00613	-.006132

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	.000013	-.000013
		STD 1	.100000	.098564	.001436
		STD 2	.500000	.504432	-.004432
		STD 3	1.00000	1.00910	-.009099

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.035545	.020047	.015499
		STD 3	50.7880	34.7009	16.0871

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.102157	-.002157
		STD 2	.500000	.499170	.000830
		STD 3	1.00000	.993174	.006826

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099815	.000185
		STD 2	.500000	.500918	-.000918
		STD 3	1.00000	1.00511	-.005106

CorCoef: 1.00000

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.099143	.000857
		STD 2	.500000	.502170	-.002170
		STD 3	1.000000	1.00548	-.005484

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000010	-.000010
		STD 1	.100000	.098724	.001276
		STD 2	.500000	.497428	.002572
		STD 3	1.000000	1.01136	-.011359

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000006	.000006
		STD 1	5.00000	5.00178	-.001780
		STD 2	25.0000	24.9942	.005800
		STD 3	50.0000	50.0194	-.019386

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.244815	-.139545	-.105270
		STD 3	152.611	144.112	8.49948

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.007354	.000946	.006408
		STD 3	29.4055	18.0358	11.3696

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099442	.000558
		STD 2	.500000	.497553	.002447
		STD 3	1.000000	1.00631	-.006309

CorCoef: 0.99998

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.015034	.007147	.007888
		STD 3	2.48745	2.23553	.251918

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099561	.000439
		STD 2	.500000	.498440	.001560
		STD 3	1.000000	1.00453	-.004534

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.104211	-.004211
		STD 2	.500000	.514678	-.014678
		STD 3	1.000000	1.02780	-.027802

CorCoef: 1.00000

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.098232	.001768
		STD 2	.500000	.493414	.006586
		STD 3	1.000000	.984882	.015118

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	-.000017	.000017
		STD 1	.100000	.102378	-.002378
		STD 2	.500000	.494775	.005225
		STD 3	1.000000	.996013	.003987

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100113	-.000113
		STD 2	.500000	.500647	-.000647
		STD 3	1.000000	1.00143	-.001427

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.098924	.001076
		STD 2	.500000	.496677	.003323
		STD 3	1.000000	.985593	.014407

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100221	-.000221
		STD 2	.500000	.496638	.003362
		STD 3	1.000000	1.00476	-.004763

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000014	.000014
		STD 1	.100000	.101025	-.001025
		STD 2	.500000	.492628	.007372
		STD 3	1.000000	.987027	.012973

CorCoef: 1.00000

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099536	.000464
		STD 2	.500000	.500654	-.000654
		STD 3	1.000000	1.00537	-.005374

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.098961	.001039
		STD 2	.500000	.498902	.001098
		STD 3	1.000000	1.00564	-.005640

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000015	.000015
		STD 1	.100000	.101608	-.001608
		STD 2	.500000	.495077	.004923
		STD 3	1.000000	.987873	.012127

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099658	.000342
		STD 2	.500000	.495807	.004193
		STD 3	1.000000	1.01019	-.010190

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000007	-.000007
		STD 1	.100000	.099196	.000804
		STD 2	.500000	.498531	.001469
		STD 3	1.000000	1.01179	-.011791

CorCoef: 0.99998

Analysis Report

Blank Sample

07/08/08 10:13:13 AM

page 1

Method: TRACE1 Sample Name: STD 3 VER

Operator: TWS

Run Time: 07/08/08 10:07:47

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.354	1.0158	1.0087	1.0040	1.0109	50.216	1.0158
SDev	.112	.0020	.0024	.0050	.0058	.093	.0029
%RSD	.22220	.19592	.23941	.50246	.57726	.18533	.28240

#1	50.275	1.0143	1.0070	1.0004	1.0150	50.150	1.0178
#2	50.433	1.0172	1.0104	1.0076	1.0068	50.281	1.0137

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0146	1.0127	1.0108	50.745	53.172	49.976	1.0094
SDev	.0015	.0042	.0032	.102	1.152	.073	.0035
%RSD	.14434	.40994	.32110	.20044	2.1674	.14541	.34322

#1	1.0156	1.0156	1.0085	50.817	52.357	50.027	1.0069
#2	1.0135	1.0098	1.0131	50.674	53.987	49.925	1.0118

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.406	1.0155	1.0082	1.0124	1.0110	1.0188	1.0150
SDev	.281	.0022	.0017	.0010	.0001	.0075	.0013
%RSD	.55663	.21375	.16442	.10104	.01289	.73365	.12513

#1	50.208	1.0140	1.0094	1.0116	1.0109	1.0135	1.0141
#2	50.604	1.0171	1.0070	1.0131	1.0111	1.0241	1.0159

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0202	1.0182	1.0128	1.0277	1.0088	1.0062	1.0207
SDev	.0021	.0102	.0049	.0046	.0004	.0036	.0054
%RSD	.20757	.99721	.48341	.44596	.04148	.35400	.52852

#1	1.0187	1.0110	1.0094	1.0245	1.0085	1.0088	1.0168
#2	1.0217	1.0253	1.0163	1.0310	1.0091	1.0037	1.0245

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	1.0059	1.0098
SDev	.0034	.0013
%RSD	.33939	.12513

#1	1.0035	1.0107
#2	1.0083	1.0089

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5763	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.0570555	--	--	--	--	--	--
#1	5765	--	--	--	--	--	--
#2	5760	--	--	--	--	--	--

Analysis Report

QC Standard

07/08/08 10:18:44 AM

page 1

Method: TRACE1 Sample Name: ICV

Operator: TWS

Run Time: 07/08/08 10:13:17

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.455	.36564	.36655	.37351	.36555	18.520	.37207
SDev	.012	.00023	.00110	.00001	.00001	.015	.00009
%RSD	.06683	.06342	.29860	.00162	.00154	.07840	.02431
#1	18.446	.36580	.36732	.37351	.36556	18.510	.37201
#2	18.464	.36548	.36578	.37352	.36555	18.530	.37214
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36494	.37969	.36120	18.383	Q20.203	18.210	.37265
SDev	.00040	.00015	.00032	.001	.014	.018	.00002
%RSD	.10951	.03953	.08840	.00599	.06844	.09796	.00442
#1	.36523	.37958	.36143	18.384	Q20.193	18.197	.37264
#2	.36466	.37980	.36098	18.383	Q20.213	18.222	.37266
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.174	.37302	.37171	.37188	.37182	.37948	.37496
SDev	.112	.00097	.00212	.00292	.00124	.00117	.00077
%RSD	.61853	.26125	.56951	.78511	.33416	.30768	.20591
#1	18.094	.37233	.37320	.36982	.37095	.38031	.37442
#2	18.253	.37371	.37021	.37395	.37270	.37866	.37551
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37654	.38096	.38608	.38339	.36739	.37213	.37857
SDev	.00188	.00081	.00024	.00647	.00010	.00058	.00155
%RSD	.50051	.21238	.06261	1.6882	.02753	.15523	.41070
#1	.37787	.38153	.38591	.37882	.36746	.37254	.37747
#2	.37521	.38039	.38625	.38797	.36732	.37172	.37967
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.36385	.36904
SDev	.00093	.00239
%RSD	.25487	.64728

#1	.36319	.36735
#2	.36450	.37073

Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5794	--	--	--	--	--	--
SDev	10.50061	--	--	--	--	--	--
%RSD	.1812332	--	--	--	--	--	--
#1	5801	--	--	--	--	--	--
#2	5787	--	--	--	--	--	--

Analysis Report

Blank Sample

07/08/08 10:24:14 AM

page 1

Method: TRACE1 Sample Name: ICB

Operator: TWS

Run Time: 07/08/08 10:18:47

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00789	.00312	.00269	.00030	.00017	.00935	.00037
SDev	.00421	.00022	.00034	.00007	.00006	.00130	.00026
%RSD	53.280	7.0799	12.649	22.846	36.184	13.850	71.980
#1	.01087	.00296	.00293	.00035	.00022	.01027	.00055
#2	.00492	.00327	.00245	.00025	.00013	.00844	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	-.00002	.00069	.01277	-.00479	.00593	.00018
SDev	.00019	.00035	.00031	.00678	.00196	.00187	.00000
%RSD	50.864	2335.2	45.153	53.099	40.967	31.481	.50896
#1	.00050	.00023	.00091	.01756	-.00340	.00725	.00019
#2	.00024	-.00026	.00047	.00797	-.00618	.00461	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.13888	-.00041	-.00273	.00143	.00004	.00263	.00040
SDev	.05579	.00005	.00045	.00203	.00120	.00029	.00388
%RSD	40.168	11.715	16.488	142.45	2928.7	11.000	978.76
#1	-.09944	-.00044	-.00241	-.00001	-.00081	.00243	.00314
#2	-.17833	-.00037	-.00305	.00286	.00089	.00284	-.00235
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00329	.00230	.00008	.00144	.00078	.00028	-.00002
SDev	.00463	.00275	.00022	.00024	.00031	.00018	.00287
%RSD	140.58	119.28	277.64	16.732	39.991	62.941	12069.
#1	.00656	.00036	.00024	.00161	.00101	.00016	-.00205
#2	.00002	.00425	-.00008	.00127	.00056	.00041	.00201
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00045	.00048
SDev	.00013	.00005
%RSD	28.480	9.5208

#1	.00036	.00045
#2	.00054	.00051

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5713	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.1392326	--	--	--	--	--	--
#1	5708	--	--	--	--	--	--
#2	5719	--	--	--	--	--	--

Analysis Report

Blank Sample

07/08/08 10:29:43 AM

page 1

Method: TRACE1 Sample Name: CRI

Operator: TWS

Run Time: 07/08/08 10:24:17

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18600	.01233	.02297	.00205	.00194	.51207	.00130
SDev	.00280	.00010	.00062	.00005	.00006	.00014	.00024
%RSD	1.5059	.79437	2.7032	2.2337	2.8949	.02635	18.631
#1	.18798	.01226	.02253	.00208	.00198	.51216	.00147
#2	.18402	.01240	.02341	.00202	.00190	.51197	.00113
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00376	.00417	.01060	.05213	.50269	.21532	.00294
SDev	.00008	.00001	.00021	.00489	.00458	.00122	.00006
%RSD	2.0252	.25621	1.9405	9.3830	.91069	.56599	2.1026
#1	.00370	.00417	.01045	.04867	.49946	.21446	.00298
#2	.00381	.00416	.01074	.05558	.50593	.21619	.00289
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.85871	.01029	.00280	.00532	.00448	.01915	.02226
SDev	.04753	.00026	.00056	.00171	.00133	.00058	.00052
%RSD	5.5355	2.5784	19.995	32.187	29.653	3.0397	2.3444
#1	.82510	.01048	.00319	.00653	.00542	.01874	.02263
#2	.89232	.01011	.00240	.00411	.00354	.01956	.02190
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02628	.01559	.00442	.02302	.00505	.01235	.00818
SDev	.00686	.00430	.00021	.00095	.00017	.00003	.00133
%RSD	26.111	27.613	4.7079	4.1225	3.3337	.25725	16.258
#1	.03113	.01254	.00457	.02235	.00493	.01232	.00724
#2	.02143	.01863	.00428	.02369	.00517	.01237	.00913
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00182	.01007
SDev	.00035	.00077
%RSD	19.215	7.6614

#1	.00157	.00953
#2	.00207	.01062

Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5766	--	--	--	--	--	--
SDev	13.57659	--	--	--	--	--	--
%RSD	.2354716	--	--	--	--	--	--
#1	5775	--	--	--	--	--	--
#2	5756	--	--	--	--	--	--

Analysis Report

QC Standard

07/08/08 10:35:12 AM

page 1

Method: TRACE1 Sample Name: ICESA

Operator: TWS

Run Time: 07/08/08 10:29:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	492.89	.00150	.00037	.00064	.00038	481.61	.00091
SDev	1.43	.00291	.00119	.00003	.00003	1.03	.00006
%RSD	.29020	193.84	322.85	4.7109	8.0266	.21402	6.3868
#1	493.90	-.00056	.00121	.00061	.00041	482.34	.00095
#2	491.88	.00356	-.00047	.00066	.00036	480.89	.00087
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	-.00035	.00462	189.94	-.02406	506.82	.00010
SDev	.00032	.00016	.00052	.12	.02471	.26	.00001
%RSD	99.400	44.703	11.355	.06181	102.71	.05078	10.528
#1	-.00055	-.00024	.00425	189.86	-.00659	506.63	.00009
#2	-.00010	-.00046	.00499	190.03	-.04153	507.00	.00011
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04284	.00071	-.09359	.05130	.00305	-.00042	-.00335
SDev	.07969	.00070	.00263	.00435	.00202	.00390	.00265
%RSD	186.01	99.653	2.8134	8.4718	66.294	936.37	79.128
#1	-.01351	.00120	-.09545	.05437	.00448	-.00317	-.00147
#2	.09919	.00021	-.09173	.04822	.00162	.00234	-.00522
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00457	-.00291	.00141	-.00714	.00148	-.00001	.00194
SDev	.00607	.00282	.00011	.00421	.00015	.00111	.00182
%RSD	132.64	96.760	7.5119	58.912	10.125	13468.	93.467
#1	.00028	-.00490	.00133	-.00417	.00138	.00078	.00323
#2	.00886	-.00092	.00148	-.01012	.00159	-.00079	.00066
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00157	-.00469
SDev	.00031	.00172
%RSD	19.482	36.647

#1	-.00179	-.00591
#2	-.00136	-.00348

Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5517	--	--	--	--	--	--
SDev	11.13693	--	--	--	--	--	--
%RSD	.2018794	--	--	--	--	--	--
#1	5509	--	--	--	--	--	--
#2	5524	--	--	--	--	--	--

Analysis Report

QC Standard

07/08/08 10:40:41 AM

page 1

Method: TRACE1 Sample Name: ICSAB

Operator: TWS

Run Time: 07/08/08 10:35:15

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	496.26	.10045	.03204	.51408	.49786	483.36	.94116
SDev	.85	.00089	.00025	.00184	.00276	1.72	.00194
%RSD	.17106	.88457	.77125	.35789	.55402	.35578	.20653
#1	495.66	.09982	.03187	.51538	.49981	482.14	.93978
#2	496.86	.10108	.03222	.51278	.49591	484.58	.94253
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47270	.50790	.51345	96.209	-.04422	501.42	.47664
SDev	.00019	.00218	.00040	.052	.00094	.32	.00154
%RSD	.04034	.42862	.07770	.05442	2.1260	.06480	.32350
#1	.47256	.50944	.51373	96.172	-.04488	501.65	.47555
#2	.47283	.50636	.51317	96.246	-.04355	501.19	.47773
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.16610	.92018	-.04438	.10143	.05287	.05243	.60128
SDev	.04424	.00493	.00166	.00051	.00089	.00315	.00282
%RSD	26.634	.53528	3.7455	.50163	1.6888	6.0160	.46944
#1	-.19738	.91670	-.04321	.10179	.05351	.05020	.59928
#2	-.13482	.92367	-.04556	.10107	.05224	.05466	.60327
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04895	.05417	.00277	.08828	.49074	.95001	-.00196
SDev	.00134	.00540	.00019	.00194	.00041	.00220	.00294
%RSD	2.7451	9.9743	6.7781	2.1934	.08263	.23155	149.45
#1	.04990	.05035	.00290	.08692	.49046	.95157	.00011
#2	.04800	.05799	.00264	.08965	.49103	.94845	-.00404
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.20987	-.00356
SDev	.00019	.00203
%RSD	.08861	57.201

#1	.20974	-.00500
#2	.21000	-.00212

Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5550	--	--	--	--	--	--
SDev	17.18256	--	--	--	--	--	--
%RSD	.3096040	--	--	--	--	--	--
#1	5538	--	--	--	--	--	--
#2	5562	--	--	--	--	--	--

Analysis Report

QC Standard

07/08/08 10:49:07 AM

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Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/08/08 10:43:42

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.266	.47486	.47601	.48756	.48048	24.355	.48687
SDev	.021	.00072	.00144	.00028	.00129	.051	.00255
%RSD	.08851	.15174	.30181	.05640	.26844	.20912	.52357
#1	24.281	.47537	.47499	.48775	.48139	24.392	.48868
#2	24.251	.47435	.47702	.48736	.47956	24.319	.48507
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47948	.49895	.47777	24.139	26.715	23.808	.49057
SDev	.00147	.00118	.00069	.057	.009	.049	.00099
%RSD	.30600	.23709	.14366	.23497	.03538	.20428	.20215
#1	.48052	.49979	.47825	24.180	26.722	23.842	.49127
#2	.47844	.49811	.47728	24.099	26.709	23.773	.48987
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.773	.48943	.48529	.48662	.48617	.49143	.49562
SDev	.102	.00260	.00024	.00012	.00016	.00197	.00479
%RSD	.42740	.53137	.05059	.02460	.03324	.40120	.96715
#1	23.845	.49127	.48511	.48653	.48606	.49003	.49901
#2	23.702	.48759	.48546	.48670	.48629	.49282	.49223
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48784	.49323	.50928	.49918	.48324	.48545	.49318
SDev	.00012	.00302	.00116	.00219	.00089	.00155	.00252
%RSD	.02428	.61162	.22761	.43810	.18478	.32023	.51057
#1	.48793	.49109	.51010	.50073	.48387	.48655	.49496
#2	.48776	.49536	.50846	.49763	.48261	.48435	.49140
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.47971	.48432
SDev	.00052	.00189
%RSD	.10780	.38947

#1	.48008	.48565
#2	.47935	.48299

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5805	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0255833	--	--	--	--	--	--
#1	5804	--	--	--	--	--	--
#2	5806	--	--	--	--	--	--

Analysis Report

Blank Sample

07/08/08 10:57:07 AM

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Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/08/08 10:51:41

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01495	.00065	.00195	.00011	-.00029	.02291	.00014
SDev	.00440	.00075	.00012	.00007	.00017	.00423	.00016
%RSD	29.403	116.48	6.1816	63.172	57.681	18.454	119.33
#1	-.01184	.00011	.00187	.00006	-.00017	.01992	.00025
#2	-.01806	.00118	.00204	.00015	-.00040	.02590	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00033	.00108	.01956	.03541	.02021	.00013
SDev	.00007	.00041	.00011	.00483	.01243	.00238	.00007
%RSD	59.157	123.01	10.297	24.685	35.110	11.784	56.294
#1	.00007	.00004	.00116	.02298	.04420	.01853	.00018
#2	.00017	.00062	.00100	.01615	.02662	.02189	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.15024	.00050	-.00137	.00184	.00077	-.00040	.00067
SDev	.00288	.00034	.00072	.00117	.00054	.00537	.00116
%RSD	1.9202	67.630	52.597	63.805	70.482	1333.4	171.31
#1	-.15228	.00026	-.00086	.00101	.00038	.00339	-.00014
#2	-.14820	.00074	-.00188	.00266	.00115	-.00420	.00149
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	-.00112	-.00013	.00269	.00022	.00065	.00384
SDev	.00763	.00424	.00006	.00028	.00015	.00001	.00002
%RSD	735.56	377.90	44.390	10.280	67.688	1.8522	.57768
#1	.00643	.00188	-.00017	.00250	.00012	.00066	.00386
#2	-.00436	-.00412	-.00009	.00289	.00033	.00064	.00382
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00059	.00011
SDev	.00008	.00084
%RSD	13.653	788.00

#1	-.00064	-.00048
#2	-.00053	.00070

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5782	--	--	--	--	--	--
SDev	37.65344	--	--	--	--	--	--
%RSD	.6511703	--	--	--	--	--	--
#1	5756	--	--	--	--	--	--
#2	5809	--	--	--	--	--	--

Analysis Report

07/08/08 11:02:37 AM

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Method: TRACE1 Sample Name: AD837873/PB Operator: TWS
 Run Time: 07/08/08 10:57:11
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03579	.00003	.01578	.00022	-.00052	.17937	.00020
SDev	.01340	.00150	.00003	.00003	.00007	.00411	.00005
%RSD	37.434	5101.3	.19622	15.017	13.266	2.2898	25.609
#1	.02631	-.00103	.01576	.00024	-.00056	.17647	.00017
#2	.04526	.00109	.01580	.00020	-.00047	.18228	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	-.00042	.00148	.00283	.00436	.01173	-.00010
SDev	.00003	.00013	.00040	.00376	.01569	.00392	.00003
%RSD	10.849	30.495	27.121	132.79	360.16	33.437	35.017
#1	-.00032	-.00033	.00177	.00017	-.00674	.00895	-.00012
#2	-.00027	-.00051	.00120	.00549	.01545	.01450	-.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.04476	.00017	-.00127	-.00060	-.00082	-.00138	-.00140
SDev	.02100	.00002	.00129	.00010	.00036	.00115	.00068
%RSD	46.915	12.473	101.04	15.811	44.249	83.649	48.415
#1	-.02991	.00016	-.00036	-.00067	-.00057	-.00220	-.00188
#2	-.05960	.00019	-.00218	-.00053	-.00108	-.00056	-.00092
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	-.00260	.00001	.00027	-.00000	.00099	.00060
SDev	.00118	.00114	.00002	.00072	.00015	.00018	.00021
%RSD	110.74	43.883	322.53	270.64	36952.	17.896	35.810
#1	.00023	-.00341	-.00001	.00077	.00011	.00086	.00045
#2	.00190	-.00179	.00002	-.00024	-.00011	.00111	.00075
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00066	-.00061
SDev	.00027	.00247
%RSD	41.079	403.03

#1	-.00085	.00113
#2	-.00047	-.00236

Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5896	--	--	--	--	--	--
SDev	.6363270	--	--	--	--	--	--
%RSD	.0107924	--	--	--	--	--	--
#1	5896	--	--	--	--	--	--
#2	5896	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837872/FB Operator: TWS
 Run Time: 07/08/08 11:02:40
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.121	.20403	.21122	.20194	.20109	10.230	.20183
SDev	.006	.00085	.00012	.00004	.00161	.019	.00114
%RSD	.06207	.41492	.05709	.02030	.79926	.18991	.56500
#1	10.117	.20463	.21130	.20191	.20223	10.243	.20264
#2	10.125	.20343	.21113	.20197	.19995	10.216	.20103
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19317	.20083	.20123	10.114	11.043	10.078	.20388
SDev	.00100	.00084	.00072	.023	.085	.067	.00069
%RSD	.51636	.41795	.35956	.23187	.76609	.66846	.33896
#1	.19388	.20142	.20174	10.131	10.983	10.125	.20437
#2	.19247	.20023	.20072	10.097	11.102	10.030	.20339
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.249	.20415	.19935	.20229	.20131	.20815	.20185
SDev	.141	.00171	.00061	.00140	.00114	.00455	.00254
%RSD	1.3745	.83642	.30669	.69474	.56678	2.1880	1.2592
#1	10.349	.20536	.19978	.20328	.20211	.20493	.20365
#2	10.149	.20294	.19891	.20129	.20050	.21137	.20006
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20899	.20774	.20286	.20400	.20045	.20781	.21005
SDev	.00557	.00405	.00066	.00014	.00039	.00060	.00234
%RSD	2.6654	1.9478	.32653	.07063	.19528	.29104	1.1123
#1	.20505	.20487	.20333	.20390	.20073	.20824	.20840
#2	.21293	.21060	.20240	.20410	.20017	.20738	.21170
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05139	.20545
SDev	.00008	.00067
%RSD	.16151	.32730

#1	.05133	.20497
#2	.05145	.20592

Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5848	--	--	--	--	--	--
SDev	7.000633	--	--	--	--	--	--
%RSD	.1197058	--	--	--	--	--	--
#1	5843	--	--	--	--	--	--
#2	5853	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837865 Operator: TWS
 Run Time: 07/08/08 11:08:10
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.081	.01616	.16197	.50229	.00131	338.85	.00068
SDev	.156	.00045	.00034	.00144	.00002	.31	.00008
%RSD	.42112	2.7742	.20732	.28644	1.1310	.09081	11.785
#1	37.192	.01647	.16221	.50331	.00130	339.07	.00063
#2	36.971	.01584	.16173	.50127	.00132	338.63	.00074
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02668	.05764	.12822	58.428	14.022	49.183	3.3303
SDev	.00019	.00029	.00033	.117	.062	.124	.0081
%RSD	.72013	.49732	.25845	.20048	.43977	.25113	.24407
#1	.02654	.05744	.12845	58.510	14.066	49.270	3.3361
#2	.02681	.05784	.12799	58.345	13.978	49.096	3.3246
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.4518	.05603	.00691	.02158	.01670	.00078	.00158
SDev	.0229	.00000	.00254	.00164	.00024	.00011	.00381
%RSD	.24224	.00761	36.765	7.5840	1.4703	14.214	241.01
#1	9.4680	.05603	.00512	.02274	.01687	.00070	.00428
#2	9.4356	.05602	.00871	.02042	.01652	.00086	-.00111
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00495	-.00131	1.0311	.00450	.06930	.13406	-.00122
SDev	.00007	.00013	.0137	.00170	.00081	.00024	.00002
%RSD	1.3226	10.234	1.3325	37.795	1.1674	.17807	1.7504
#1	.00491	-.00140	1.0409	.00330	.06987	.13389	-.00120
#2	.00500	-.00121	1.0214	.00570	.06873	.13423	-.00123
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00061	.01143
SDev	.00034	.00211
%RSD	55.805	18.469

#1	-.00037	.01293
#2	-.00085	.00994

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6011	--	--	--	--	--	--
SDev	18.56155	--	--	--	--	--	--
%RSD	.3087918	--	--	--	--	--	--
#1	6024	--	--	--	--	--	--
#2	5998	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837865/L (1:5) Operator: TWS
 Run Time: 07/08/08 11:13:39
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	7.7841	.00458	.03538	.10450	.00003	71.943	-.00000
SDev	.0010	.00042	.00008	.00003	.00005	.360	.00014
%RSD	.01314	9.1556	.22752	.02491	191.03	.50106	2841.2

#1	7.7834	.00488	.03544	.10452	.00006	71.689	-.00010
#2	7.7848	.00429	.03533	.10448	-.00001	72.198	.00009

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00554	.01271	.02722	12.496	2.5986	10.476	.71173
SDev	.00011	.00041	.00022	.014	.0553	.016	.00269
%RSD	2.0588	3.1989	.80029	.11414	2.1263	.14878	.37850

#1	.00546	.01300	.02706	12.506	2.6377	10.488	.70983
#2	.00562	.01242	.02737	12.485	2.5595	10.465	.71364

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.7954	.01187	-.00067	.00355	.00214	.00206	.00089
SDev	.0164	.00012	.00117	.00081	.00093	.00214	.00084
%RSD	.91498	.99560	175.01	22.835	43.378	103.66	94.476

#1	1.7838	.01178	-.00150	.00298	.00149	.00357	.00030
#2	1.8070	.01195	.00016	.00412	.00280	.00055	.00148

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00215	.00202	.22809	.00416	.01451	.03055	-.00093
SDev	.00237	.00202	.00769	.00212	.00028	.00049	.00175
%RSD	110.31	100.12	3.3703	50.929	1.9410	1.6050	187.91

#1	.00383	.00344	.22265	.00566	.01431	.03020	-.00216
#2	.00047	.00059	.23352	.00266	.01471	.03090	.00031

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00108	.00322
SDev	.00003	.00014
%RSD	2.5765	4.4724

#1	-.00110	.00332
#2	-.00106	.00312

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5798	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.1372010	--	--	--	--	--	--
#1	5792	--	--	--	--	--	--
#2	5804	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837865/PS Operator: TWS
 Run Time: 07/08/08 11:19:08
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	45.943	.20975	.34750	.69141	.19545	338.82	.18374
SDev	.170	.00029	.00189	.00098	.00022	.50	.00079
%RSD	.37092	.13697	.54475	.14171	.11366	.14610	.43171

#1	46.063	.20996	.34616	.69210	.19561	339.17	.18430
#2	45.822	.20955	.34884	.69072	.19530	338.47	.18318

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21235	.24838	.32235	66.626	23.170	58.788	3.4526
SDev	.00056	.00016	.00075	.061	.040	.095	.0044
%RSD	.26123	.06278	.23258	.09168	.17097	.16245	.12666

#1	.21274	.24849	.32288	66.669	23.198	58.856	3.4557
#2	.21196	.24827	.32182	66.583	23.142	58.721	3.4495

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.402	.24013	.18703	.20720	.20049	.19196	.18560
SDev	.178	.00032	.00267	.00081	.00143	.00165	.00192
%RSD	.91647	.13447	1.4253	.39250	.71334	.85981	1.0367

#1	19.527	.24035	.18515	.20663	.19947	.19313	.18424
#2	19.276	.23990	.18892	.20778	.20150	.19079	.18696

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19365	.19112	1.2263	.18354	.25698	.32011	.07037
SDev	.00478	.00009	.0085	.00283	.00037	.00088	.00186
%RSD	2.4671	.04552	.68982	1.5404	.14554	.27516	2.6396

#1	.19703	.19118	1.2322	.18155	.25672	.31948	.06905
#2	.19027	.19106	1.2203	.18554	.25725	.32073	.07168

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.04746	.20496
SDev	.00028	.00227
%RSD	.59528	1.1092

#1	.04726	.20657
#2	.04766	.20335

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6087	--	--	--	--	--	--
SDev	18.87989	--	--	--	--	--	--
%RSD	.3101827	--	--	--	--	--	--
#1	6073	--	--	--	--	--	--
#2	6100	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837866/MS Operator: TWS
 Run Time: 07/08/08 11:24:37
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.861	.20891	.35054	.59687	.19374	330.94	.18716
SDev	.366	.00111	.00048	.00215	.00174	1.11	.00054
%RSD	.87391	.53320	.13820	.36085	.89600	.33660	.28881
#1	42.120	.20970	.35088	.59839	.19497	331.73	.18754
#2	41.603	.20812	.35020	.59534	.19252	330.16	.18678
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20548	.24572	.31738	62.204	22.576	63.009	3.1895
SDev	.00121	.00044	.00081	.465	.018	.451	.0122
%RSD	.58874	.18093	.25657	.74679	.07794	.71642	.38311
#1	.20633	.24604	.31796	62.533	22.564	63.328	3.1981
#2	.20462	.24541	.31680	61.876	22.589	62.690	3.1809
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.677	.23949	.19175	.20589	.20118	.19731	.17585
SDev	.066	.00175	.00043	.00093	.00076	.00053	.00133
%RSD	.31993	.72941	.22193	.44926	.37711	.26720	.75363
#1	20.724	.24072	.19205	.20655	.20172	.19694	.17678
#2	20.630	.23825	.19145	.20524	.20065	.19768	.17491
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19995	.19599	1.2752	.19272	.25526	.31392	.18988
SDev	.00664	.00253	.0161	.00058	.00148	.00383	.00224
%RSD	3.3183	1.2891	1.2616	.30283	.57932	1.2187	1.1777
#1	.19526	.19778	1.2866	.19313	.25631	.31662	.19147
#2	.20464	.19421	1.2639	.19231	.25422	.31121	.18830
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.04947	.20442
SDev	.00049	.00002
%RSD	.98367	.01074

#1	.04913	.20440
#2	.04982	.20443

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5984	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.0549459	--	--	--	--	--	--
#1	5986	--	--	--	--	--	--
#2	5982	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837867/SD Operator: TWS
 Run Time: 07/08/08 11:30:06
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	32.635	.20383	.34049	.49454	.19310	222.63	.18969
SDev	.211	.00319	.00259	.00091	.00036	.93	.00109
%RSD	.64735	1.5637	.75939	.18400	.18512	.41680	.57205
#1	32.784	.20157	.34231	.49518	.19335	223.29	.19046
#2	32.485	.20608	.33866	.49389	.19285	221.98	.18892
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19791	.22561	.27064	43.193	20.830	49.967	1.9380
SDev	.00116	.00194	.00148	.187	.181	.057	.0013
%RSD	.58430	.86049	.54805	.43195	.87082	.11471	.06959
#1	.19872	.22699	.26959	43.325	20.958	50.008	1.9390
#2	.19709	.22424	.27169	43.061	20.702	49.927	1.9371
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.841	.22211	.19343	.20250	.19948	.20346	.18446
SDev	.092	.00154	.00162	.00145	.00043	.00562	.00251
%RSD	.46314	.69309	.83810	.71523	.21365	2.7637	1.3622
#1	19.776	.22320	.19229	.20352	.19978	.20743	.18624
#2	19.906	.22102	.19458	.20148	.19918	.19948	.18269
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20306	.20365	.99026	.19628	.23687	.26848	.19590
SDev	.00112	.00899	.01714	.00036	.00108	.00196	.00148
%RSD	.55251	4.4170	1.7309	.18298	.45606	.72982	.75411
#1	.20227	.21001	1.0024	.19653	.23763	.26987	.19694
#2	.20386	.19729	.97814	.19602	.23610	.26710	.19485
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05070	.20443
SDev	.00034	.00017
%RSD	.67750	.08266

#1	.05094	.20431
#2	.05045	.20455

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5934	--	--	--	--	--	--
SDev	12.30359	--	--	--	--	--	--
%RSD	.2073563	--	--	--	--	--	--
#1	5925	--	--	--	--	--	--
#2	5942	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837868 Operator: TWS
 Run Time: 07/08/08 11:35:35
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.596	.03049	.13675	.58368	.00231	500.57	.00185
SDev	.374	.00038	.00073	.00002	.00002	3.15	.00020
%RSD	.54563	1.2302	.53096	.00417	.94928	.62931	10.821

#1	68.331	.03076	.13624	.58370	.00229	498.34	.00171
#2	68.861	.03023	.13727	.58366	.00232	502.80	.00199

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05183	.10584	.26763	112.12	17.568	63.121	6.3982
SDev	.00022	.00158	.00037	.54	.399	.195	.0110
%RSD	.43005	1.4890	.13811	.47759	2.2692	.30967	.17252

#1	.05199	.10473	.26789	111.74	17.850	62.983	6.3904
#2	.05167	.10696	.26737	112.49	17.286	63.259	6.4060

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.7803	.10913	.01336	.04051	.03147	-.00393	-.00039
SDev	.0556	.00009	.00009	.00037	.00022	.00214	.00124
%RSD	.63314	.07878	.64773	.90513	.68561	54.393	321.08

#1	8.8196	.10906	.01342	.04025	.03131	-.00544	.00049
#2	8.7410	.10919	.01330	.04077	.03162	-.00242	-.00127

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00554	-.00866	1.4541	.00329	.12365	.28153	-.00003
SDev	.00227	.00207	.0030	.00059	.00098	.00211	.00020
%RSD	41.035	23.875	.20800	17.884	.79124	.74966	630.30

#1	.00393	-.01013	1.4520	.00287	.12296	.28003	.00011
#2	.00715	-.00720	1.4563	.00370	.12434	.28302	-.00017

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00188	.04349
SDev	.00043	.00099
%RSD	22.701	2.2781

#1	-.00158	.04419
#2	-.00219	.04279

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6198	--	--	--	--	--	--
SDev	13.25825	--	--	--	--	--	--
%RSD	.2139040	--	--	--	--	--	--
#1	6208	--	--	--	--	--	--
#2	6189	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837869 Operator: TWS
 Run Time: 07/08/08 11:41:04
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.815	.02749	.13054	.54203	.00177	468.72	.00242
SDev	.004	.00122	.00002	.00143	.00000	.70	.00020
%RSD	.00620	4.4221	.01434	.26459	.14520	.14865	8.4879

#1	62.818	.02663	.13056	.54101	.00177	469.21	.00227
#2	62.813	.02835	.13053	.54304	.00177	468.23	.00257

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04670	.09463	.25084	100.57	15.855	56.276	6.0437
SDev	.00037	.00034	.00026	.04	.160	.059	.0015
%RSD	.79781	.35561	.10383	.04418	1.0123	.10404	.02437

#1	.04643	.09486	.25065	100.54	15.741	56.234	6.0447
#2	.04696	.09439	.25102	100.60	15.968	56.317	6.0426

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.0671	.09881	.01201	.03709	.02874	-.00235	-.00450
SDev	.0273	.00060	.00109	.00048	.00068	.00138	.00154
%RSD	.30108	.60869	9.0489	1.2893	2.3695	58.741	34.202

#1	9.0864	.09923	.01124	.03675	.02826	-.00137	-.00341
#2	9.0478	.09838	.01278	.03743	.02922	-.00332	-.00558

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00613	-.00658	1.3250	.00132	.11118	.26440	-.00151
SDev	.00537	.00062	.0152	.00211	.00027	.00005	.00061
%RSD	87.644	9.4088	1.1498	160.13	.24563	.01828	40.669

#1	.00993	-.00702	1.3358	.00281	.11099	.26443	-.00107
#2	.00233	-.00615	1.3142	-.00017	.11137	.26436	-.00194

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00192	.03547
SDev	.00048	.00106
%RSD	24.969	3.0027

#1	-.00158	.03472
#2	-.00226	.03623

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6284	--	--	--	--	--	--
SDev	6.575955	--	--	--	--	--	--
%RSD	.1046468	--	--	--	--	--	--
#1	6289	--	--	--	--	--	--
#2	6279	--	--	--	--	--	--

Analysis Report

07/08/08 11:52:00 AM

page 1

Method: TRACE1 Sample Name: AD837870 Operator: TWS
 Run Time: 07/08/08 11:46:34
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.418	.02629	.13573	.79553	.00198	H804.11	.00149
SDev	.482	.00212	.00159	.00328	.00003	6.76	.00035
%RSD	.91959	8.0690	1.1716	.41242	1.6058	.84056	23.456
#1	52.758	.02779	.13686	.79785	.00201	H808.89	.00174
#2	52.077	.02479	.13461	.79321	.00196	799.33	.00124
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04311	.08142	.25779	86.380	17.369	214.07	10.309
SDev	.00013	.00146	.00055	.706	.220	1.32	.037
%RSD	.30264	1.7978	.21235	.81760	1.2659	.61874	.36320
#1	.04320	.08245	.25818	86.879	17.214	215.01	10.336
#2	.04302	.08038	.25741	85.880	17.525	213.14	10.283
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	170.08	.09273	.00728	.03147	.02342	-.00086	-.00177
SDev	.07	.00066	.00240	.00164	.00189	.00224	.00401
%RSD	.04070	.71183	32.974	5.2204	8.0922	259.28	227.03
#1	170.03	.09226	.00897	.03264	.02476	-.00245	-.00460
#2	170.13	.09320	.00558	.03031	.02208	.00072	.00107
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00566	-.00413	1.3295	.00206	.09879	.21576	L-.03769
SDev	.00772	.00050	.0081	.00098	.00135	.00071	.00220
%RSD	136.40	12.121	.60773	47.478	1.3630	.32818	5.8272
#1	.00020	-.00377	1.3352	.00275	.09974	.21626	L-.03924
#2	.01112	-.00448	1.3238	.00137	.09784	.21526	L-.03614
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00260	.01672
SDev	.00030	.00071
%RSD	11.543	4.2238

#1	-.00281	.01622
#2	-.00239	.01722

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6048	--	--	--	--	--	--
SDev	19.83455	--	--	--	--	--	--
%RSD	.3279726	--	--	--	--	--	--
#1	6034	--	--	--	--	--	--
#2	6062	--	--	--	--	--	--

Analysis Report

QC Standard

07/08/08 12:00:26 PM

page 1

Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/08/08 11:55:00

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.100	.46751	.47207	.48571	.47785	24.010	.47702
SDev	.075	.00104	.00149	.00052	.00050	.033	.00089
%RSD	.31038	.22150	.31543	.10801	.10463	.13667	.18654
#1	24.153	.46825	.47312	.48608	.47820	24.033	.47765
#2	24.047	.46678	.47101	.48534	.47749	23.987	.47639
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47410	.49383	.47664	23.801	26.564	23.633	.48388
SDev	.00086	.00180	.00027	.037	.114	.009	.00029
%RSD	.18206	.36487	.05686	.15455	.42833	.03812	.06054
#1	.47471	.49511	.47683	23.827	26.645	23.639	.48408
#2	.47349	.49256	.47645	23.775	26.484	23.627	.48367
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.806	.48346	.48002	.48392	.48262	.48560	.49133
SDev	.020	.00219	.00181	.00251	.00228	.00200	.00119
%RSD	.08361	.45215	.37740	.51817	.47155	.41274	.24121
#1	23.820	.48501	.48130	.48570	.48423	.48702	.49216
#2	23.792	.48192	.47874	.48215	.48102	.48419	.49049
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48214	.48734	.50382	.48696	.47868	.47737	.48614
SDev	.00206	.00404	.00073	.00281	.00084	.00096	.00144
%RSD	.42764	.82845	.14585	.57666	.17517	.20169	.29630
#1	.48069	.49020	.50434	.48894	.47927	.47805	.48512
#2	.48360	.48449	.50330	.48497	.47809	.47669	.48716
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.47905	.48203
SDev	.00011	.00263
%RSD	.02233	.54535

#1	.47913	.48389
#2	.47898	.48017

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5824	--	--	--	--	--	--
SDev	13.89458	--	--	--	--	--	--
%RSD	.2385632	--	--	--	--	--	--
#1	5814	--	--	--	--	--	--
#2	5834	--	--	--	--	--	--

Analysis Report

Blank Sample

07/08/08 12:05:56 PM

page 1

Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/08/08 12:00:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00356	-.00079	.00089	.00026	-.00019	.03287	.00023
SDev	.00614	.00121	.00083	.00005	.00007	.01406	.00026
%RSD	172.63	153.89	93.300	18.880	38.689	42.772	113.14

#1	.00078	-.00164	.00030	.00029	-.00013	.04281	.00041
#2	-.00790	.00007	.00148	.00022	-.00024	.02293	.00005

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00044	-.00002	.00045	.01343	-.00879	.01295	.00032
SDev	.00039	.00008	.00039	.01145	.01708	.00971	.00020
%RSD	89.375	385.89	86.761	85.283	194.35	74.987	63.546

#1	-.00016	.00004	.00017	.02153	-.02087	.01982	.00047
#2	-.00072	-.00008	.00072	.00533	.00329	.00608	.00018

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.11578	-.00004	-.00161	.00006	-.00050	.00135	-.00166
SDev	.00943	.00057	.00108	.00139	.00128	.00094	.00018
%RSD	8.1469	1286.6	66.745	2490.6	256.51	69.748	10.715

#1	-.12245	-.00045	-.00085	.00104	.00041	.00202	-.00178
#2	-.10911	.00036	-.00238	-.00093	-.00141	.00069	-.00153

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00075	.00166	.00014	.00410	.00011	.00089	-.00017
SDev	.00511	.00114	.00000	.00204	.00000	.00001	.00043
%RSD	685.48	68.777	.17344	49.809	.00066	1.0632	257.79

#1	.00436	.00085	.00014	.00265	.00011	.00089	-.00047
#2	-.00287	.00246	.00014	.00554	.00011	.00090	.00014

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00012	.00056
SDev	.00022	.00204
%RSD	189.24	362.35

#1	.00004	.00200
#2	-.00028	-.00088

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5801	--	--	--	--	--	--
SDev	26.83450	--	--	--	--	--	--
%RSD	.4625939	--	--	--	--	--	--
#1	5820	--	--	--	--	--	--
#2	5782	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837871 Operator: TWS
 Run Time: 07/08/08 12:19:37
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.159	.02797	.12063	.83517	.00187	321.43	.00143
SDev	.111	.00131	.00009	.00110	.00002	.12	.00004
%RSD	.14968	4.7005	.07509	.13190	1.0059	.03639	2.8715

#1	74.081	.02890	.12069	.83439	.00188	321.34	.00146
#2	74.238	.02704	.12056	.83595	.00186	321.51	.00140

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03710	.10520	.22248	84.998	15.036	74.207	15.849
SDev	.00002	.00008	.00152	.002	.045	.281	.060
%RSD	.05049	.07288	.68144	.00241	.29818	.37904	.38051

#1	.03708	.10515	.22141	85.000	15.068	74.008	15.806
#2	.03711	.10526	.22355	84.997	15.004	74.406	15.891

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	121.99	.08143	.03601	.06247	.05366	-.00201	-.00119
SDev	1.01	.00043	.00098	.00317	.00244	.00020	.00153
%RSD	.82477	.53126	2.7137	5.0781	4.5497	9.9339	128.52

#1	121.27	.08113	.03532	.06023	.05193	-.00187	-.00011
#2	122.70	.08174	.03670	.06471	.05539	-.00215	-.00227

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00347	-.00475	1.0844	.00748	.11976	.29604	-.00234
SDev	.00128	.00034	.0082	.00006	.00002	.00033	.00002
%RSD	37.035	7.2073	.75223	.83135	.01218	.11058	.99370

#1	.00438	-.00500	1.0901	.00744	.11977	.29581	-.00233
#2	.00256	-.00451	1.0786	.00752	.11975	.29627	-.00236

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00084	.03389
SDev	.00011	.00115
%RSD	13.533	3.3892

#1	-.00076	.03471
#2	-.00092	.03308

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6147	--	--	--	--	--	--
SDev	20.89521	--	--	--	--	--	--
%RSD	.3399378	--	--	--	--	--	--
#1	6162	--	--	--	--	--	--
#2	6132	--	--	--	--	--	--

Analysis Report

07/08/08 12:30:33 PM

page 1

Method: TRACE1 Sample Name: AD837870/(1:5)

Operator: TWS

Run Time: 07/08/08 12:25:07

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.716	.00646	.02841	.16669	.00007	177.34	.00035
SDev	.036	.00057	.00029	.00040	.00001	.51	.00010
%RSD	.33649	8.9076	1.0321	.24232	10.859	.28907	27.628

#1	10.691	.00687	.02862	.16698	.00008	176.98	.00042
#2	10.742	.00605	.02821	.16641	.00007	177.71	.00028

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00905	.01800	.05368	18.616	3.1506	44.978	2.2805
SDev	.00010	.00048	.00020	.107	.0480	.180	.0008
%RSD	1.0879	2.6642	.37576	.57296	1.5238	.40125	.03476

#1	.00912	.01767	.05382	18.540	3.1845	44.850	2.2800
#2	.00898	.01834	.05354	18.691	3.1166	45.106	2.2811

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.462	.02025	.00066	.00712	.00497	-.00198	.00049
SDev	.100	.00030	.00255	.00057	.00047	.00128	.00045
%RSD	.28168	1.4894	385.67	8.0667	9.3936	64.798	90.894

#1	35.533	.02046	.00247	.00671	.00530	-.00107	.00018
#2	35.392	.02003	-.00114	.00753	.00464	-.00288	.00081

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00013	-.00290	.27124	.00267	.02072	.04807	-.00844
SDev	.00006	.00189	.00442	.00013	.00034	.00047	.00045
%RSD	45.435	65.245	1.6309	4.9813	1.6399	.96916	5.3117

#1	-.00009	-.00156	.27437	.00258	.02048	.04840	-.00812
#2	-.00018	-.00424	.26811	.00277	.02096	.04775	-.00876

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00106	.00347
SDev	.00047	.00037
%RSD	43.838	10.572

#1	-.00073	.00373
#2	-.00139	.00321

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5785	--	--	--	--	--	--
SDev	8.166946	--	--	--	--	--	--
%RSD	.1411824	--	--	--	--	--	--
#1	5790	--	--	--	--	--	--
#2	5779	--	--	--	--	--	--

Analysis Report

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Method: TRACE1 Sample Name: AD837679/PB Operator: TWS
 Run Time: 07/08/08 12:32:05
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03339	.00191	.00807	.00024	-.00087	.11616	.00002
SDev	.00138	.00012	.00097	.00000	.00001	.00195	.00005
%RSD	4.1478	6.3375	12.035	.07926	.73909	1.6812	275.87
#1	-.03436	.00182	.00875	.00024	-.00086	.11478	-.00002
#2	-.03241	.00199	.00738	.00024	-.00087	.11755	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	.00022	.00204	.00684	-.00672	.00359	H.00043
SDev	.00040	.00040	.00015	.00936	.01993	.00324	.00003
%RSD	87.251	179.22	7.3871	136.85	296.56	90.039	7.9135
#1	-.00017	.00051	.00194	.01346	.00737	.00131	H.00041
#2	-.00073	-.00006	.00215	.00022	-.02081	.00588	H.00045
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02853	-.00032	.00035	.00198	.00144	.00074	-.00239
SDev	.00308	.00059	.00170	.00089	.00003	.00058	.00260
%RSD	10.798	188.33	479.86	44.800	1.7691	78.457	108.68
#1	.03071	-.00074	.00156	.00135	.00142	.00115	-.00055
#2	.02635	.00010	-.00085	.00261	.00146	.00033	-.00423
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	.00021	.00014	.00351	-.00011	.00135	.00030
SDev	.00244	.00209	.00019	.00171	.00030	.00105	.00149
%RSD	135.46	1002.6	134.31	48.665	279.91	77.821	503.84
#1	.00008	.00168	.00028	.00230	-.00032	.00209	-.00076
#2	.00352	-.00127	.00001	.00472	.00011	.00061	.00135
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00136	-.00006
SDev	.00013	.00032
%RSD	9.7000	497.50

#1	-.00146	.00016
#2	-.00127	-.00029

Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5918	--	--	--	--	--	--
SDev	2.757647	--	--	--	--	--	--
%RSD	.0465945	--	--	--	--	--	--
#1	5920	--	--	--	--	--	--
#2	5916	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837794/PB Operator: TWS
 Run Time: 07/08/08 12:37:35
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.05397	.00149	.00129	.00031	-.00085	.11314	.00036
SDev	.00015	.00065	.00016	.00003	.00001	.00162	.00014
%RSD	.28569	43.529	12.444	10.335	.66121	1.4339	40.109
#1	L-.05408	.00195	.00117	.00029	-.00085	.11429	.00046
#2	L-.05386	.00103	.00140	.00033	-.00084	.11200	.00026
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00041	.00082	.00289	.02600	.03911	.00486	.00036
SDev	.00000	.00019	.00046	.00651	.00227	.00142	.00000
%RSD	.26688	22.879	15.761	25.055	5.8003	29.196	.31809
#1	-.00041	.00069	.00321	.02139	.04072	.00386	.00036
#2	-.00041	.00095	.00257	.03060	.03751	.00587	.00036
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06755	.00018	.00129	.00045	.00073	.00262	-.00083
SDev	.04590	.00003	.00126	.00002	.00040	.00109	.00001
%RSD	67.945	13.477	97.315	5.2842	54.884	41.455	1.1430
#1	.03510	.00017	.00218	.00044	.00102	.00339	-.00082
#2	.10000	.00020	.00040	.00047	.00045	.00185	-.00083
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00389	.00024	-.00042	.00010	.00864	H.03234
SDev	.00107	.00217	.00020	.00019	.00030	.00019	.00079
%RSD	1390.8	55.625	82.241	44.537	286.52	2.2205	2.4559
#1	-.00068	.00543	.00010	-.00055	-.00011	.00878	H.03178
#2	.00083	.00236	.00039	-.00029	.00032	.00850	H.03290
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00142	.00045
SDev	.00021	.00050
%RSD	14.473	111.54

#1	-.00157	.00080
#2	-.00127	.00009

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5928	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.1789192	--	--	--	--	--	--
#1	5921	--	--	--	--	--	--
#2	5936	--	--	--	--	--	--

Analysis Report

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Method: TRACE1 Sample Name: AD837793/CLPSL Operator: TWS
 Run Time: 07/08/08 12:43:04
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.023	.82491	1.1050	4.0056	.56716	70.730	.59445
SDev	.009	.00274	.0014	.0008	.00271	.061	.00076
%RSD	.01416	.33193	.13087	.01942	.47799	.08626	.12801
#1	61.029	.82685	1.1040	4.0061	.56908	70.773	.59499
#2	61.017	.82298	1.1060	4.0050	.56525	70.687	.59391
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	133.00	1.0600	1.5700	5.0100	.71700	91.000	.74300
Low	47.300	.71800	.74600	3.5300	.50900	61.600	.51700
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.74122	.86622	.79291	99.750	27.586	25.408	3.4831
SDev	.00094	.00215	.00134	.192	.158	.093	.0103
%RSD	.12703	.24857	.16890	.19282	.57161	.36794	.29682
#1	.74189	.86774	.79385	99.886	27.475	25.474	3.4904
#2	.74056	.86469	.79196	99.614	27.698	25.342	3.4758
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.88300	1.1800	1.0200	246.00	35.600	38.800	3.6400
Low	.61100	.77200	.71700	83.900	20.600	22.300	2.3800
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	4.1807	1.0993	.81399	.82299	.81999	1.5045	.86624
SDev	.1519	.0046	.00578	.00458	.00498	.0087	.00297
%RSD	3.6322	.41858	.71043	.55646	.60736	.57637	.34270
#1	4.2881	1.1025	.81808	.82622	.82351	1.5106	.86834
#2	4.0734	1.0960	.80990	.81975	.81647	1.4983	.86414
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	6.2000	1.3600			1.0500	1.9000	2.2600
Low	2.9200	.95800			.72700	1.2000	.00690
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5015	1.5060	3.4104	1.2762	.89548	2.1209	1.0258
SDev	.0008	.0134	.0022	.0034	.00027	.0112	.0006
%RSD	.05318	.89019	.06431	.26438	.03062	.52936	.05877
#1	1.5009	1.5155	3.4089	1.2786	.89567	2.1288	1.0262
#2	1.5021	1.4965	3.4120	1.2739	.89528	2.1130	1.0253
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			5.3700	1.6100	1.3000	2.7800	1.4600
Low			1.2000	1.0100	.81700	1.8200	.78200
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.74975	.52859
SDev	.00133	.00126
%RSD	.17743	.23858

#1	.75069	.52948
#2	.74881	.52770

Errors	LC Pass	LC Pass
High	1.0900	.69100
Low	.54100	.45900

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6296	--	--	--	--	--	--
SDev	9.864278	--	--	--	--	--	--
%RSD	.1566859	--	--	--	--	--	--
#1	6289	--	--	--	--	--	--
#2	6303	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837789 Operator: TWS
 Run Time: 07/08/08 12:48:34
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.405	.03931	.01914	.24239	.00153	6.4082	.28675
SDev	.034	.00063	.00026	.00005	.00002	.0053	.00051
%RSD	.06206	1.5887	1.3708	.02060	.96457	.08218	.17890
#1	55.381	.03975	.01932	.24243	.00154	6.4119	.28712
#2	55.430	.03887	.01895	.24236	.00152	6.4045	.28639
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01390	2.0908	.19208	36.402	2.5861	4.8974	.20721
SDev	.00040	.0017	.00041	.002	.0083	.0079	.00043
%RSD	2.8763	.08233	.21163	.00495	.31988	.16092	.20661
#1	.01418	2.0920	.19237	36.404	2.5919	4.9029	.20751
#2	.01361	2.0896	.19179	36.401	2.5802	4.8918	.20690
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.81348	.07524	1.5885	1.5710	1.5768	.00796	-.00130
SDev	.01616	.00011	.0107	.0015	.0045	.00071	.00093
%RSD	1.9863	.14205	.67152	.09343	.28737	8.9086	70.989
#1	.82491	.07531	1.5961	1.5720	1.5800	.00746	-.00196
#2	.80205	.07516	1.5810	1.5699	1.5736	.00846	-.00065
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00974	.00708	1.6090	.00093	.14359	1.1025	.02511
SDev	.00278	.00245	.0064	.00232	.00002	.0003	.00134
%RSD	28.503	34.643	.39834	250.25	.01543	.02938	5.3265
#1	.01170	.00534	1.6045	.00257	.14357	1.1027	.02416
#2	.00777	.00881	1.6135	-.00071	.14360	1.1023	.02606
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00172	.00539
SDev	.00014	.00135
%RSD	8.1729	25.079

#1	.00182	.00634
#2	.00162	.00443

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6740	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1101510	--	--	--	--	--	--
#1	6746	--	--	--	--	--	--
#2	6735	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837790 Operator: TWS
 Run Time: 07/08/08 12:54:03
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.373	.05433	.05551	.35250	.00174	6.1622	.25292
SDev	.038	.00178	.00031	.00053	.00000	.0042	.00074
%RSD	.06121	3.2848	.56478	.15020	.22751	.06816	.29255
#1	61.400	.05307	.05573	.35288	.00173	6.1592	.25239
#2	61.347	.05559	.05529	.35213	.00174	6.1651	.25344
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01598	5.0409	.37633	46.577	2.7256	6.5472	.22162
SDev	.00009	.0326	.00009	.254	.0417	.0367	.00034
%RSD	.52994	.64688	.02385	.54510	1.5286	.56118	.15102
#1	.01604	5.0178	.37627	46.398	2.7551	6.5212	.22139
#2	.01592	5.0640	.37639	46.757	2.6961	6.5732	.22186
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.75114	.10441	3.5028	3.4712	3.4817	.00488	L-.01178
SDev	.00848	.00114	.0026	.0164	.0100	.00234	.00131
%RSD	1.1290	1.0896	.07531	.47186	.28855	48.060	11.105
#1	.74515	.10361	3.5047	3.4597	3.4746	.00322	L-.01271
#2	.75714	.10522	3.5009	3.4828	3.4889	.00654	L-.01086
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Low
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00518	.00473	1.9741	.00182	.26985	1.0897	.03625
SDev	.00332	.00186	.0009	.00088	.00070	.0077	.00007
%RSD	64.221	39.221	.04697	48.070	.25783	.71093	.20503
#1	.00283	.00342	1.9734	.00244	.26935	1.0843	.03631
#2	.00753	.00604	1.9747	.00120	.27034	1.0952	.03620
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00378	.00737
SDev	.00017	.00189
%RSD	4.5387	25.694

#1	.00390	.00603
#2	.00366	.00871

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	7172	--	--	--	--	--	--
SDev	17.60689	--	--	--	--	--	--
%RSD	.2454965	--	--	--	--	--	--
#1	7160	--	--	--	--	--	--
#2	7184	--	--	--	--	--	--

Analysis Report

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Method: TRACE1 Sample Name: AD837791 Operator: TWS
 Run Time: 07/08/08 12:59:32
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.872	.03707	.03860	.20494	-.00068	6.0515	.06969
SDev	.148	.00090	.00009	.00003	.00001	.0146	.00019
%RSD	.39053	2.4303	.24316	.01591	1.0921	.24161	.27546
#1	37.976	.03643	.03853	.20492	-.00067	6.0619	.06982
#2	37.767	.03770	.03867	.20497	-.00068	6.0412	.06955
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00852	1.8911	.34302	24.503	1.6593	4.4954	.13330
SDev	.00008	.0023	.00009	.010	.0108	.0012	.00042
%RSD	.92813	.11944	.02620	.03894	.65000	.02566	.31679
#1	.00846	1.8895	.34309	24.510	1.6670	4.4946	.13360
#2	.00857	1.8927	.34296	24.496	1.6517	4.4962	.13300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.56607	.06063	3.0031	3.0097	3.0075	.00601	-.00217
SDev	.03380	.00045	.0035	.0005	.0015	.00104	.00047
%RSD	5.9715	.73947	.11599	.01809	.05065	17.270	21.845
#1	.54217	.06095	3.0006	3.0093	3.0064	.00528	-.00184
#2	.58998	.06032	3.0056	3.0100	3.0086	.00674	-.00251
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00989	.00407	1.3091	.00342	.13879	.56105	.03078
SDev	.00123	.00094	.0054	.00281	.00014	.00258	.00020
%RSD	12.458	23.118	.41576	82.355	.10003	.46058	.64821
#1	.00902	.00340	1.3052	.00540	.13889	.56288	.03092
#2	.01076	.00473	1.3129	.00143	.13870	.55922	.03064
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00231	.00518
SDev	.00016	.00040
%RSD	6.9209	7.6831

#1	.00243	.00546
#2	.00220	.00489

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	8321	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.1720718	--	--	--	--	--	--
#1	8311	--	--	--	--	--	--
#2	8332	--	--	--	--	--	--

Analysis Report

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Method: TRACE1 Sample Name: AD837792 Operator: TWS
 Run Time: 07/08/08 13:05:01
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.682	.01605	.00943	.10203	-.00015	3.5526	.04955
SDev	.310	.00160	.00184	.00085	.00003	.0603	.00024
%RSD	1.5007	9.9759	19.546	.83623	21.119	1.6972	.48699
#1	20.902	.01719	.01073	.10263	-.00017	3.5953	.04972
#2	20.463	.01492	.00812	.10143	-.00012	3.5100	.04938
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00582	.71704	.15293	22.931	1.1637	2.3545	.09595
SDev	.00016	.00712	.00134	.135	.0083	.0156	.00116
%RSD	2.7063	.99258	.87375	.58955	.71733	.66465	1.2065
#1	.00593	.72207	.15388	23.026	1.1578	2.3656	.09676
#2	.00571	.71201	.15199	22.835	1.1696	2.3434	.09513
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30946	.02541	.95335	.95049	.95144	.00369	.00030
SDev	.06197	.00051	.00563	.00980	.00841	.00079	.00378
%RSD	20.025	2.0068	.59094	1.0306	.88391	21.398	1249.4
#1	.26564	.02577	.95733	.95742	.95739	.00425	-.00237
#2	.35328	.02505	.94936	.94357	.94550	.00313	.00298
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00654	.00226	.75908	.00299	.06573	.35791	.02258
SDev	.00341	.00052	.00353	.00075	.00112	.00437	.00068
%RSD	52.048	22.938	.46500	25.115	1.7065	1.2216	2.9984
#1	.00895	.00190	.76158	.00246	.06652	.36100	.02306
#2	.00414	.00263	.75659	.00352	.06493	.35481	.02210
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00033	.00362
SDev	.00065	.00104
%RSD	197.94	28.626

#1	-.00013	.00289
#2	.00079	.00436

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6627	--	--	--	--	--	--
SDev	31.60781	--	--	--	--	--	--
%RSD	.4769227	--	--	--	--	--	--
#1	6605	--	--	--	--	--	--
#2	6650	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837882 Operator: TWS
 Run Time: 07/08/08 13:10:30
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02611	.00042	.00149	.02124	-.00072	6.2044	.00052
SDev	.00622	.00079	.00090	.00005	.00001	.0053	.00004
%RSD	23.817	189.64	60.694	.25618	1.0319	.08527	7.8873
#1	.03051	-.00014	.00085	.02127	-.00071	6.2006	.00055
#2	.02171	.00097	.00212	.02120	-.00073	6.2081	.00049
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.00165	.00331	2.0354	1.9607	3.8960	.06643
SDev	.00033	.00040	.00036	.0045	.0015	.0062	.00012
%RSD	118.24	24.304	10.904	.22321	.07729	.15790	.17492
#1	-.00005	.00137	.00357	2.0386	1.9618	3.9004	.06651
#2	-.00051	.00194	.00306	2.0322	1.9597	3.8917	.06635
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01254	.00084	.02294	.02432	.02386	.00226	.00117
SDev	.02764	.00116	.00131	.00032	.00023	.00269	.00006
%RSD	220.46	138.27	5.7277	1.2943	.95351	119.10	4.9504
#1	.03208	.00166	.02201	.02455	.02370	.00416	.00113
#2	-.00701	.00002	.02387	.02410	.02402	.00036	.00121
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00331	.00134	-.00293	.00048	.20985	.01925
SDev	.00021	.00414	.00072	.00156	.00030	.00024	.00131
%RSD	144.95	124.88	53.289	53.156	62.540	.11441	6.8240
#1	-.00000	.00624	.00185	-.00403	.00027	.20968	.01832
#2	.00029	.00039	.00084	-.00183	.00069	.21002	.02017
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00016	-.00064
SDev	.00017	.00099
%RSD	104.38	155.32

#1	-.00004	.00006
#2	-.00028	-.00133

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5997	--	--	--	--	--	--
SDev	16.65223	--	--	--	--	--	--
%RSD	.2776794	--	--	--	--	--	--
#1	6009	--	--	--	--	--	--
#2	5985	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/08/08 13:18:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.469	.47362	.47612	.48789	.49710	24.392	.47427
SDev	.133	.00188	.00224	.00106	.00029	.051	.00234
%RSD	.54173	.39763	.46983	.21828	.05921	.20805	.49342
#1	24.563	.47496	.47770	.48714	.49731	24.428	.47593
#2	24.375	.47229	.47454	.48865	.49689	24.356	.47262
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48228	.50745	.48836	24.060	24.479	24.459	.49714
SDev	.00144	.00098	.00013	.058	.188	.031	.00037
%RSD	.29807	.19338	.02593	.23986	.76800	.12772	.07503
#1	.48329	.50814	.48827	24.101	24.611	24.437	.49687
#2	.48126	.50675	.48845	24.020	24.346	24.481	.49740
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.474	.49109	.48609	.49028	.48888	.48791	.49169
SDev	.012	.00025	.00195	.00108	.00007	.00058	.00071
%RSD	.05093	.05093	.40119	.22077	.01484	.11856	.14493
#1	24.466	.49091	.48747	.48951	.48883	.48832	.49219
#2	24.483	.49127	.48471	.49104	.48893	.48750	.49118
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48270	.49053	.50914	.47340	.48586	.49791	.47484
SDev	.00134	.00154	.00020	.00299	.00265	.00158	.00172
%RSD	.27773	.31354	.03948	.63243	.54635	.31626	.36158
#1	.48175	.49162	.50900	.47551	.48774	.49679	.47605
#2	.48364	.48944	.50929	.47128	.48398	.49902	.47363
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.48751	.50014
SDev	.00022	.00332
%RSD	.04585	.66316

#1	.48736	.49780
#2	.48767	.50249

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5783	--	--	--	--	--	--
SDev	31.60747	--	--	--	--	--	--
%RSD	.5465913	--	--	--	--	--	--
#1	5760	--	--	--	--	--	--
#2	5805	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/08/08 13:24:26

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02900	.00210	.00244	.00014	-.00041	.02182	.00026
SDev	.00431	.00083	.00086	.00002	.00003	.00264	.00006
%RSD	14.854	39.414	35.266	11.593	7.8286	12.074	21.057
#1	-.03204	.00268	.00183	.00015	-.00044	.02368	.00022
#2	-.02595	.00151	.00305	.00013	-.00039	.01996	.00030
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00047	.00132	.01612	.02822	.01514	.00022
SDev	.00015	.00006	.00050	.00378	.00347	.00076	.00014
%RSD	537.12	12.992	38.208	23.456	12.289	5.0524	61.651
#1	-.00013	.00052	.00167	.01880	.02577	.01460	.00032
#2	.00008	.00043	.00096	.01345	.03068	.01568	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.15469	.00066	-.00189	-.00023	-.00078	.00176	-.00093
SDev	.09977	.00004	.00067	.00118	.00056	.00360	.00315
%RSD	64.495	5.8605	35.588	521.88	71.954	204.61	340.92
#1	-.22524	.00063	-.00142	-.00106	-.00118	-.00079	-.00316
#2	-.08415	.00069	-.00237	.00061	-.00038	.00430	.00131
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00397	.00066	-.00008	.00307	.00044	.00100	.00060
SDev	.00104	.00488	.00003	.00222	.00046	.00017	.00108
%RSD	26.231	743.46	41.322	72.492	105.41	17.099	180.32
#1	.00323	-.00279	-.00011	.00464	.00011	.00112	.00136
#2	.00470	.00411	-.00006	.00150	.00076	.00088	-.00016
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00086	.00173
SDev	.00012	.00028
%RSD	13.927	16.299

#1	-.00094	.00153
#2	-.00077	.00193

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5851	--	--	--	--	--	--
SDev	16.22824	--	--	--	--	--	--
%RSD	.2773382	--	--	--	--	--	--
#1	5863	--	--	--	--	--	--
#2	5840	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837782 Operator: TWS
 Run Time: 07/08/08 13:29:55
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	43.758	.13851	.06754	.77310	.00262	223.52	.00879
SDev	.122	.00169	.00076	.00081	.00001	.34	.00015
%RSD	.27957	1.2208	1.1278	.10449	.29866	.15283	1.6509

#1	43.844	.13970	.06701	.77367	.00262	223.76	.00869
#2	43.671	.13731	.06808	.77253	.00263	223.28	.00889

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04657	.13846	.43903	137.90	6.5544	96.593	2.4128
SDev	.00020	.00011	.00031	.28	.0215	.221	.0054
%RSD	.43706	.07726	.07129	.20205	.32731	.22839	.22466

#1	.04643	.13854	.43925	138.09	6.5696	96.749	2.4167
#2	.04672	.13839	.43881	137.70	6.5393	96.437	2.4090

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.88145	.15336	1.4397	1.4410	1.4406	.00506	.00789
SDev	.01944	.00108	.0001	.0040	.0026	.00439	.00202
%RSD	2.2058	.70594	.00471	.27470	.18171	86.676	25.616

#1	.89520	.15412	1.4397	1.4438	1.4424	.00816	.00646
#2	.86770	.15259	1.4397	1.4382	1.4387	.00196	.00931

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01072	.00223	1.2397	-.00475	.10853	2.3309	.09815
SDev	.00056	.00630	.0230	.00302	.00005	.0032	.00079
%RSD	5.2548	282.74	1.8534	63.576	.04127	.13600	.80229

#1	.01112	.00668	1.2560	-.00689	.10856	2.3331	.09759
#2	.01033	-.00223	1.2235	-.00262	.10850	2.3287	.09871

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.00263	.00960
SDev	.00014	.00072
%RSD	5.1371	7.5378

#1	.00273	.00909
#2	.00254	.01012

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6106	--	--	--	--	--	--
SDev	12.19759	--	--	--	--	--	--
%RSD	.1997796	--	--	--	--	--	--
#1	6114	--	--	--	--	--	--
#2	6097	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837783 Operator: TWS
 Run Time: 07/08/08 13:35:25
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	40.990	.14372	.08020	.75518	.00253	233.18	.01013
SDev	.127	.00347	.00036	.00181	.00007	1.01	.00019
%RSD	.30968	2.4115	.44770	.23991	2.7604	.43448	1.9210

#1	41.080	.14617	.08045	.75646	.00258	233.90	.00999
#2	40.900	.14127	.07994	.75389	.00248	232.46	.01027

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04653	.13453	.43702	135.54	6.3107	108.93	2.3382
SDev	.00039	.00097	.00029	.69	.0560	.36	.0048
%RSD	.83051	.71716	.06549	.50981	.88783	.32841	.20673

#1	.04680	.13521	.43682	136.03	6.3504	109.18	2.3416
#2	.04626	.13384	.43722	135.05	6.2711	108.67	2.3347

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83629	.15805	1.4096	1.4017	1.4043	.00871	.00809
SDev	.02401	.00035	.0113	.0090	.0097	.00109	.00409
%RSD	2.8710	.22070	.80309	.63892	.69379	12.512	50.516

#1	.81931	.15829	1.4176	1.4080	1.4112	.00948	.01099
#2	.85327	.15780	1.4016	1.3954	1.3974	.00794	.00520

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01531	.00541	1.0622	-.00051	.10679	2.7167	.07429
SDev	.00014	.00170	.0009	.00107	.00066	.0117	.00017
%RSD	.91730	31.521	.08651	211.18	.61737	.43204	.22478

#1	.01521	.00661	1.0629	.00025	.10726	2.7250	.07441
#2	.01541	.00420	1.0616	-.00126	.10632	2.7084	.07417

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.00311	.01016
SDev	.00005	.00185
%RSD	1.4512	18.197

#1	.00308	.00885
#2	.00315	.01146

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6046	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.2105215	--	--	--	--	--	--
#1	6037	--	--	--	--	--	--
#2	6055	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837784 Operator: TWS
 Run Time: 07/08/08 13:40:54
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	77.575	.13680	.05603	.39249	.00459	176.74	.00278
SDev	.139	.00108	.00056	.00101	.00010	.89	.00028
%RSD	.17868	.78691	1.0024	.25794	2.2389	.50332	10.178

#1	77.673	.13756	.05643	.39321	.00466	177.37	.00298
#2	77.477	.13604	.05563	.39178	.00452	176.11	.00258

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02665	.14045	.15450	67.777	12.461	78.278	1.5924
SDev	.00028	.00086	.00032	.368	.142	.034	.0027
%RSD	1.0385	.61101	.20659	.54351	1.1382	.04365	.16943

#1	.02684	.14106	.15427	68.038	12.562	78.254	1.5905
#2	.02645	.13985	.15472	67.517	12.361	78.302	1.5943

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.5310	.07913	.21966	.24335	.23546	.00341	.00081
SDev	.0286	.00021	.00081	.00020	.00014	.00128	.00141
%RSD	.80862	.26472	.36833	.08074	.05876	37.659	173.22

#1	3.5108	.07928	.21909	.24349	.23536	.00250	.00181
#2	3.5512	.07898	.22023	.24321	.23556	.00432	-.00018

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00684	.00170	1.6904	.00116	.20284	.58010	.03390
SDev	.00507	.00061	.0076	.00041	.00144	.00078	.00140
%RSD	74.190	35.752	.44913	35.411	.70798	.13491	4.1440

#1	.00325	.00213	1.6958	.00087	.20385	.58065	.03489
#2	.01042	.00127	1.6851	.00145	.20182	.57954	.03290

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00063	.00690
SDev	.00033	.00001
%RSD	53.110	.06623

#1	-.00039	.00690
#2	-.00087	.00691

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6217	--	--	--	--	--	--
SDev	35.10813	--	--	--	--	--	--
%RSD	.5646731	--	--	--	--	--	--
#1	6193	--	--	--	--	--	--
#2	6242	--	--	--	--	--	--

Analysis Report

07/08/08 01:51:51 PM

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Method: TRACE1 Sample Name: AD837784/L (1:5) Operator: TWS
 Run Time: 07/08/08 13:46:24
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.417	.03078	.01219	.08226	.00050	38.333	.00073
SDev	.008	.00046	.00044	.00003	.00001	.103	.00011
%RSD	.04945	1.4936	3.6010	.03974	2.5179	.26958	14.790
#1	16.412	.03111	.01188	.08223	.00051	38.260	.00066
#2	16.423	.03046	.01250	.08228	.00050	38.406	.00081
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00569	.03089	.03421	14.765	2.2179	16.976	.34662
SDev	.00008	.00030	.00025	.007	.0172	.017	.00077
%RSD	1.3677	.96456	.72454	.04418	.77606	.09769	.22287
#1	.00563	.03110	.03438	14.761	2.2301	16.987	.34608
#2	.00574	.03068	.03403	14.770	2.2058	16.964	.34717
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66406	.01733	.04985	.05444	.05291	-.00102	-.00180
SDev	.15509	.00017	.00005	.00043	.00030	.00069	.00020
%RSD	23.354	.97979	.08938	.79696	.57496	67.693	11.146
#1	.77372	.01745	.04988	.05475	.05313	-.00150	-.00195
#2	.55439	.01721	.04982	.05413	.05270	-.00053	-.00166
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00186	-.00246	.36287	.00232	.04369	.13146	.00753
SDev	.00672	.00439	.00173	.00049	.00021	.00036	.00063
%RSD	360.64	178.79	.47747	21.118	.48416	.27461	8.3735
#1	.00662	-.00556	.36410	.00197	.04384	.13172	.00709
#2	-.00289	.00065	.36165	.00266	.04354	.13121	.00798
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00125	.00341
SDev	.00042	.00081
%RSD	33.274	23.932

#1	-.00096	.00283
#2	-.00155	.00398

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5907	--	--	--	--	--	--
SDev	8.272942	--	--	--	--	--	--
%RSD	.1400532	--	--	--	--	--	--
#1	5901	--	--	--	--	--	--
#2	5913	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837784/PS Operator: TWS
 Run Time: 07/08/08 13:51:54
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	94.629	.49879	.41706	.75672	.37239	191.53	.35647
SDev	.333	.00520	.00477	.00233	.00021	.62	.00106
%RSD	.35160	1.0426	1.1436	.30824	.05615	.32169	.29802

#1	94.394	.49512	.41368	.75837	.37254	191.09	.35572
#2	94.865	.50247	.42043	.75507	.37224	191.96	.35723

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38611	.50542	.52304	84.253	31.382	96.198	1.9376
SDev	.00009	.00000	.00058	.147	.121	.133	.0035
%RSD	.02299	.00088	.11024	.17446	.38416	.13865	.17900

#1	.38605	.50542	.52345	84.150	31.296	96.293	1.9352
#2	.38618	.50542	.52263	84.357	31.467	96.104	1.9401

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.777	.43633	.56978	.60163	.59102	.36621	.35288
SDev	.205	.00137	.00004	.00197	.00130	.00529	.00035
%RSD	.89871	.31518	.00765	.32762	.21999	1.4435	.09812

#1	22.921	.43536	.56981	.60023	.59010	.36247	.35313
#2	22.632	.43730	.56975	.60302	.59194	.36995	.35264

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36250	.36807	2.0278	.35125	.56830	.94205	.17116
SDev	.00976	.00305	.0035	.00140	.00366	.00058	.00163
%RSD	2.6926	.82836	.17119	.39780	.64461	.06145	.95530

#1	.35560	.36592	2.0302	.35026	.56571	.94164	.17001
#2	.36940	.37023	2.0253	.35224	.57089	.94246	.17232

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.09419	.38423
SDev	.00011	.00215
%RSD	.11259	.55957

#1	.09427	.38575
#2	.09412	.38271

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6193	--	--	--	--	--	--
SDev	14.95524	--	--	--	--	--	--
%RSD	.2414755	--	--	--	--	--	--
#1	6183	--	--	--	--	--	--
#2	6204	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837785/MS Operator: TWS
 Run Time: 07/08/08 13:57:24
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	95.709	.50088	.41113	.69167	.35712	207.78	.35297
SDev	.020	.00208	.00044	.00051	.00012	.09	.00026
%RSD	.02093	.41442	.10587	.07433	.03429	.04482	.07345
#1	95.694	.49942	.41083	.69131	.35703	207.84	.35279
#2	95.723	.50235	.41144	.69203	.35720	207.71	.35315
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36321	.51811	.49338	87.531	34.786	113.56	2.3815
SDev	.00054	.00040	.00058	.081	.000	.05	.0002
%RSD	.14796	.07773	.11743	.09296	.00054	.04771	.01017
#1	.36283	.51840	.49297	87.588	34.786	113.60	2.3814
#2	.36359	.51783	.49379	87.473	34.786	113.52	2.3817
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.325	.43152	.60461	.63012	.62162	.35510	.20163
SDev	.197	.00039	.00435	.00412	.00419	.00281	.00061
%RSD	.88342	.09050	.71917	.65332	.67465	.78980	.30126
#1	22.186	.43124	.60154	.62721	.61866	.35708	.20206
#2	22.465	.43179	.60769	.63303	.62459	.35312	.20120
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.35272	.35630	2.0394	.35364	.58469	.91307	.42580
SDev	.00309	.00266	.0172	.00199	.00048	.00166	.00378
%RSD	.87575	.74725	.84505	.56366	.08205	.18132	.88718
#1	.35491	.35818	2.0516	.35505	.58503	.91190	.42847
#2	.35054	.35441	2.0272	.35223	.58435	.91424	.42313
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.09359	.35927
SDev	.00005	.00043
%RSD	.05333	.11921

#1	.09363	.35957
#2	.09355	.35897

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6274	--	--	--	--	--	--
SDev	2.227317	--	--	--	--	--	--
%RSD	.0355000	--	--	--	--	--	--
#1	6273	--	--	--	--	--	--
#2	6276	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837786/SD Operator: TWS
 Run Time: 07/08/08 14:02:54
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	105.56	.49878	.42134	.86230	.35998	257.25	.35358
SDev	.66	.00323	.00255	.00524	.00105	1.76	.00381
%RSD	.62784	.64739	.60558	.60735	.29076	.68403	1.0777

#1	106.03	.49650	.42315	.86601	.35924	258.50	.35628
#2	105.09	.50107	.41954	.85860	.36072	256.01	.35089

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38548	.52172	.53038	100.24	35.870	120.01	2.8311
SDev	.00258	.00084	.00081	.29	.677	.21	.0007
%RSD	.66850	.16050	.15304	.28959	1.8886	.17848	.02447

#1	.38730	.52231	.52981	100.44	36.349	119.86	2.8306
#2	.38366	.52113	.53096	100.03	35.391	120.16	2.8316

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.221	.45783	.61878	.64311	.63500	.35886	.19354
SDev	.192	.00088	.00223	.00080	.00128	.00324	.00167
%RSD	.82769	.19274	.35979	.12473	.20100	.90366	.86313

#1	23.357	.45846	.62035	.64367	.63591	.36115	.19472
#2	23.085	.45721	.61720	.64254	.63410	.35657	.19235

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36145	.35757	2.1680	.34905	.59258	.98487	.37314
SDev	.00094	.00440	.0079	.00087	.00424	.00197	.00371
%RSD	.25911	1.2294	.36363	.25024	.71494	.19996	.99452

#1	.36211	.36068	2.1736	.34843	.59558	.98626	.37576
#2	.36079	.35446	2.1624	.34966	.58959	.98348	.37052

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.09508	.36108
SDev	.00028	.00200
%RSD	.29719	.55488

#1	.09528	.35966
#2	.09488	.36250

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6256	--	--	--	--	--	--
SDev	25.13751	--	--	--	--	--	--
%RSD	.4017967	--	--	--	--	--	--
#1	6239	--	--	--	--	--	--
#2	6274	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837787 Operator: TWS
 Run Time: 07/08/08 14:08:23
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.314	.03357	.02964	.30164	.00172	11.384	.00236
SDev	.062	.00057	.00136	.00039	.00003	.017	.00002
%RSD	.09316	1.6960	4.5967	.13019	1.7883	.14746	.72802
#1	66.358	.03317	.03061	.30192	.00169	11.372	.00235
#2	66.270	.03398	.02868	.30137	.00174	11.396	.00237
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04145	.07466	.10923	103.63	5.9903	14.930	1.5564
SDev	.00009	.00031	.00026	.00	.0494	.021	.0009
%RSD	.22080	.41983	.23903	.00225	.82404	.14091	.05953
#1	.04152	.07444	.10905	103.63	6.0252	14.915	1.5557
#2	.04139	.07488	.10942	103.63	5.9554	14.945	1.5570
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.89928	.08849	.28751	.30709	.30057	.00061	-.00088
SDev	.02158	.00032	.00143	.00095	.00016	.00198	.00022
%RSD	2.3997	.35996	.49597	.31041	.05354	323.28	25.302
#1	.88402	.08826	.28852	.30641	.30045	.00202	-.00104
#2	.91454	.08872	.28650	.30776	.30068	-.00079	-.00072
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.00116	1.6642	.00066	.11206	.40532	.01794
SDev	.00173	.00212	.0009	.00113	.00024	.00172	.00136
%RSD	367.27	182.89	.05631	172.85	.21665	.42559	7.6039
#1	.00075	.00265	1.6649	.00146	.11223	.40410	.01891
#2	-.00169	-.00034	1.6636	-.00015	.11189	.40654	.01698
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00091	.00300
SDev	.00025	.00079
%RSD	27.051	26.343

#1	-.00109	.00356
#2	-.00074	.00244

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6452	--	--	--	--	--	--
SDev	1.908981	--	--	--	--	--	--
%RSD	.0295863	--	--	--	--	--	--
#1	6454	--	--	--	--	--	--
#2	6451	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837788 Operator: TWS
 Run Time: 07/08/08 14:13:53
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.202	.14803	.01958	.72357	.00331	17.787	.00270
SDev	.993	.00181	.00096	.00492	.00004	.192	.00053
%RSD	1.4350	1.2244	4.8809	.67992	1.1923	1.0808	19.639

#1	69.904	.14931	.02025	.72705	.00334	17.923	.00307
#2	68.500	.14674	.01890	.72010	.00328	17.651	.00232

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08009	.11163	.08007	267.20	6.4433	20.976	2.7608
SDev	.00017	.00193	.00033	1.92	.0531	.127	.0182
%RSD	.21506	1.7312	.40698	.71975	.82420	.60670	.65832

#1	.07997	.11300	.08030	268.56	6.4057	21.066	2.7737
#2	.08021	.11027	.07984	265.84	6.4808	20.886	2.7480

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26502	.13927	.07686	.10054	.09266	.00206	-.00413
SDev	.01709	.00055	.00057	.00027	.00001	.00022	.00212
%RSD	6.4486	.39535	.73768	.26455	.01232	10.653	51.219

#1	.27710	.13966	.07727	.10035	.09266	.00190	-.00563
#2	.25293	.13888	.07646	.10073	.09265	.00221	-.00263

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00840	-.00111	.80992	-.00292	.15842	.48745	.01672
SDev	.00307	.00186	.02172	.00456	.00179	.00359	.00131
%RSD	36.496	167.39	2.6822	156.36	1.1297	.73732	7.8401

#1	.01057	-.00243	.82528	.00031	.15969	.48999	.01579
#2	.00623	.00020	.79456	-.00614	.15716	.48491	.01765

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00093	.01541
SDev	.00097	.00138
%RSD	104.27	8.9598

#1	-.00161	.01443
#2	-.00024	.01639

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	6196	--	--	--	--	--	--
SDev	36.91111	--	--	--	--	--	--
%RSD	.5957056	--	--	--	--	--	--
#1	6170	--	--	--	--	--	--
#2	6222	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837856 Operator: TWS
 Run Time: 07/08/08 14:20:51
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16928	.00299	.04719	.02118	-.00052	46.268	.00003
SDev	.01854	.00026	.00023	.00003	.00001	.006	.00026
%RSD	10.952	8.8373	.49333	.12252	2.6805	.01210	849.08

#1	.18239	.00280	.04736	.02116	-.00051	46.264	-.00015
#2	.15617	.00318	.04703	.02119	-.00053	46.272	.00021

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	.00054	.00422	.11278	2.1329	8.5967	.00864
SDev	.00030	.00025	.00054	.00828	.0269	.0117	.00002
%RSD	85.249	46.610	12.745	7.3395	1.2622	.13593	.18885

#1	-.00056	.00072	.00384	.11864	2.1519	8.5884	.00866
#2	-.00014	.00036	.00460	.10693	2.1138	8.6049	.00863

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.034	.00107	-.00038	.00020	.00000	.00079	.00078
SDev	.070	.00015	.00043	.00076	.00036	.00076	.00163
%RSD	.36659	13.834	112.71	386.79	11144.	96.289	207.63

#1	18.984	.00096	-.00069	.00073	.00026	.00025	-.00037
#2	19.083	.00117	-.00008	-.00034	-.00025	.00133	.00193

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00697	-.00229	.00262	.00396	.00086	.00488	-.00076
SDev	.00007	.00111	.00090	.00023	.00046	.00036	.00043
%RSD	1.0767	48.331	34.223	5.9072	53.688	7.4569	56.614

#1	.00692	-.00308	.00326	.00380	.00053	.00462	-.00046
#2	.00702	-.00151	.00199	.00413	.00118	.00514	-.00107

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00050	.00210
SDev	.00040	.00197
%RSD	80.447	94.015

#1	-.00078	.00070
#2	-.00021	.00349

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5882	--	--	--	--	--	--
SDev	11.77326	--	--	--	--	--	--
%RSD	.2001616	--	--	--	--	--	--
#1	5890	--	--	--	--	--	--
#2	5874	--	--	--	--	--	--

Analysis Report

QC Standard

07/08/08 02:34:44 PM

page 1

Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/08/08 14:29:18

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.013	.47083	.47147	.48450	.49362	24.006	.47127
SDev	.344	.00214	.00777	.00188	.00696	.326	.00415
%RSD	1.4309	.45403	1.6488	.38883	1.4097	1.3592	.87987
#1	23.770	.46932	.46598	.48317	.48869	23.776	.46834
#2	24.256	.47234	.47697	.48583	.49854	24.237	.47420
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47631	.50223	.48376	23.867	24.970	24.131	.49111
SDev	.00460	.00730	.00284	.214	.613	.203	.00386
%RSD	.96604	1.4542	.58763	.89507	2.4546	.84293	.78685
#1	.47306	.49706	.48175	23.716	25.404	23.987	.48838
#2	.47957	.50739	.48578	24.018	24.537	24.274	.49385
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.965	.48577	.48192	.48166	.48175	.48187	.48327
SDev	.012	.00334	.00096	.00439	.00325	.00375	.00288
%RSD	.05159	.68714	.19884	.91104	.67379	.77771	.59548
#1	23.957	.48341	.48125	.47855	.47945	.47922	.48123
#2	23.974	.48813	.48260	.48476	.48404	.48452	.48530
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47463	.48549	.50570	.47229	.48005	.49032	.47110
SDev	.00088	.00606	.00109	.00132	.00700	.00656	.00222
%RSD	.18444	1.2480	.21561	.27912	1.4584	1.3390	.47144
#1	.47525	.48121	.50493	.47323	.47510	.48568	.46953
#2	.47401	.48978	.50647	.47136	.48500	.49497	.47267
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.48135	.49119
SDev	.00329	.00955
%RSD	.68241	1.9443

#1	.47903	.48444
#2	.48367	.49795

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5851	--	--	--	--	--	--
SDev	27.57716	--	--	--	--	--	--
%RSD	.4712957	--	--	--	--	--	--
#1	5871	--	--	--	--	--	--
#2	5832	--	--	--	--	--	--

Analysis Report

Blank Sample

07/08/08 02:43:10 PM

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Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/08/08 14:37:43

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.03261	.00072	.00002	.00007	-.00054	.01386	.00014
SDev	.00536	.00018	.00059	.00005	.00001	.00134	.00032
%RSD	16.437	25.340	2432.2	72.219	1.6412	9.6502	231.81

#1	-.02882	.00085	-.00039	.00010	-.00055	.01480	-.00009
#2	-.03640	.00059	.00044	.00003	-.00054	.01291	.00036

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	-.00052	.00126	.00545	.01312	.00542	.00012
SDev	.00050	.00002	.00008	.00377	.02449	.00577	.00000
%RSD	275.41	4.1080	6.1877	69.049	186.66	106.40	.67609

#1	.00017	-.00051	.00120	.00279	.03044	.00951	.00012
#2	-.00053	-.00054	.00131	.00812	-.00420	.00134	.00012

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00883	-.00005	-.00211	.00098	-.00005	.00160	.00056
SDev	.07777	.00015	.00208	.00137	.00161	.00023	.00103
%RSD	880.70	309.07	98.475	140.29	3172.1	14.505	186.03

#1	-.04616	.00006	-.00358	.00001	-.00119	.00144	.00129
#2	.06382	-.00016	-.00064	.00195	.00109	.00177	-.00018

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00532	-.00026	.00047	.00376	-.00021	.00175	.00045
SDev	.00120	.00095	.00081	.00538	.00015	.00018	.00043
%RSD	22.501	371.45	173.12	143.06	71.414	10.314	96.174

#1	.00617	-.00093	.00105	.00757	-.00011	.00162	.00014
#2	.00448	.00042	-.00011	-.00004	-.00032	.00187	.00075

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00055	-.00006
SDev	.00012	.00115
%RSD	22.584	1864.3

#1	-.00046	.00075
#2	-.00064	-.00087

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5868	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.1084464	--	--	--	--	--	--
#1	5873	--	--	--	--	--	--
#2	5864	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837857

Operator: TWS

Run Time: 07/08/08 14:44:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14848	.00337	.04030	.01929	-.00061	48.445	-.00006
SDev	.00130	.00172	.00043	.00005	.00004	.034	.00017
%RSD	.87691	51.129	1.0662	.25503	6.0059	.07025	300.70

#1	.14940	.00459	.04000	.01925	-.00058	48.469	.00006
#2	.14756	.00215	.04060	.01932	-.00063	48.421	-.00017

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00062	.00283	.13284	1.8685	8.6911	.00858
SDev	.00052	.00036	.00001	.00210	.00078	.00007	.00002
%RSD	4463.6	57.996	.18640	1.5778	.41851	.00836	.17631

#1	-.00038	.00088	.00283	.13136	1.8629	8.6906	.00857
#2	.00035	.00037	.00283	.13433	1.8740	8.6916	.00859

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.629	.00095	-.00229	.00138	.00016	.00209	-.00110
SDev	.071	.00015	.00043	.00170	.00128	.00565	.00392
%RSD	.48710	16.105	18.788	123.26	803.71	270.63	355.54

#1	14.579	.00106	-.00199	.00259	.00106	.00609	-.00388
#2	14.679	.00084	-.00259	.00018	-.00075	-.00191	.00167

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00322	.00152	.00137	.00032	.00033	.00591	-.00138
SDev	.00484	.00606	.00016	.00039	.00000	.00001	.00216
%RSD	150.51	397.38	11.437	123.73	.22203	.21386	156.36

#1	.00664	.00581	.00148	.00060	.00033	.00590	.00015
#2	-.00021	-.00276	.00126	.00004	.00033	.00592	-.00291

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00063	.00257
SDev	.00042	.00041
%RSD	66.911	15.934

#1	-.00093	.00286
#2	-.00033	.00228

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5845	--	--	--	--	--	--
SDev	9.863933	--	--	--	--	--	--
%RSD	.1687505	--	--	--	--	--	--
#1	5852	--	--	--	--	--	--
#2	5838	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837858 Operator: TWS
 Run Time: 07/08/08 14:49:54
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07539	.00208	.03693	.02119	-.00064	31.769	-.00000
SDev	.01585	.00170	.00109	.00053	.00018	.733	.00011
%RSD	21.024	81.469	2.9420	2.5267	28.732	2.3072	10985.

#1	.08660	.00088	.03770	.02157	-.00051	32.288	-.00008
#2	.06418	.00328	.03616	.02081	-.00076	31.251	.00008

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00050	.00042	.00208	.05864	1.6724	8.7786	.00548
SDev	.00021	.00021	.00010	.00377	.0515	.1272	.00012
%RSD	42.828	50.505	4.7248	6.4275	3.0774	1.4494	2.1933

#1	-.00035	.00057	.00215	.06131	1.7088	8.8686	.00557
#2	-.00065	.00027	.00201	.05598	1.6360	8.6887	.00540

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.955	.00086	-.00041	.00120	.00066	.00249	-.00158
SDev	.036	.00009	.00043	.00358	.00224	.00056	.00108
%RSD	.30103	10.923	104.91	298.88	339.11	22.378	68.540

#1	11.980	.00079	-.00072	.00373	.00225	.00288	-.00234
#2	11.930	.00092	-.00011	-.00133	-.00092	.00210	-.00081

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00458	.00144	.00134	.00314	.00012	.00073	-.00152
SDev	.00016	.00075	.00021	.00238	.00062	.00039	.00191
%RSD	3.5705	52.254	15.523	75.823	528.65	53.800	125.41

#1	.00470	.00198	.00149	.00146	.00056	.00101	-.00017
#2	.00447	.00091	.00120	.00482	-.00032	.00045	-.00287

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00108	.00136
SDev	.00095	.00059
%RSD	87.177	43.349

#1	-.00042	.00178
#2	-.00175	.00094

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5832	--	--	--	--	--	--
SDev	119.7486	--	--	--	--	--	--
%RSD	2.053329	--	--	--	--	--	--
#1	5747	--	--	--	--	--	--
#2	5917	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837859 Operator: TWS
 Run Time: 07/08/08 14:55:24
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10946	.00268	.03670	.02170	-.00097	32.012	.00017
SDev	.01405	.00085	.00041	.00009	.00006	.201	.00007
%RSD	12.834	31.809	1.1118	.40078	6.0717	.62864	38.993
#1	.11940	.00328	.03642	.02163	-.00093	32.154	.00012
#2	.09953	.00208	.03699	.02176	-.00101	31.869	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	.00078	.00469	.24781	1.6155	8.8698	.01157
SDev	.00020	.00059	.00062	.00344	.0321	.0056	.00005
%RSD	65.610	76.463	13.216	1.3894	1.9860	.06332	.42649
#1	-.00016	.00119	.00425	.24538	1.5928	8.8659	.01160
#2	-.00044	.00036	.00513	.25025	1.6382	8.8738	.01153
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.956	.00145	-.00086	.00046	.00002	-.00224	-.00122
SDev	.068	.00083	.00214	.00003	.00069	.00074	.00184
%RSD	.56479	57.092	249.43	6.7931	3617.4	33.145	151.01
#1	12.004	.00204	-.00237	.00048	-.00047	-.00172	.00008
#2	11.908	.00087	.00065	.00043	.00051	-.00277	-.00251
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	-.00398	.00210	-.00004	.00032	.00157	-.00211
SDev	.00059	.00141	.00025	.00069	.00030	.00017	.00022
%RSD	48.630	35.522	11.873	1561.6	95.970	10.989	10.269
#1	.00080	-.00298	.00228	-.00053	.00053	.00145	-.00226
#2	.00164	-.00497	.00192	.00045	.00010	.00169	-.00195
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00179	.00220
SDev	.00013	.00004
%RSD	7.0098	1.9166

#1	-.00170	.00217
#2	-.00188	.00223

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5918	--	--	--	--	--	--
SDev	7.636615	--	--	--	--	--	--
%RSD	.1290416	--	--	--	--	--	--
#1	5913	--	--	--	--	--	--
#2	5923	--	--	--	--	--	--

Analysis Report

07/08/08 03:06:19 PM

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Method: TRACE1 Sample Name: AD837859/L (1:5) Operator: TWS
 Run Time: 07/08/08 15:00:53
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02962	.00269	.01009	.00538	-.00074	6.5173	-.00002
SDev	.00498	.00172	.00089	.00005	.00006	.0622	.00008
%RSD	16.799	64.139	8.8166	.98324	8.7214	.95409	367.67

#1	.02610	.00147	.01072	.00542	-.00079	6.5612	.00004
#2	.03314	.00391	.00946	.00534	-.00070	6.4733	-.00008

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	.00021	.00188	.05413	.32606	1.7732	.00222
SDev	.00003	.00021	.00020	.00657	.00398	.0034	.00003
%RSD	10.144	99.632	10.768	12.139	1.2203	.19324	1.5946

#1	-.00030	.00006	.00203	.04949	.32325	1.7756	.00225
#2	-.00034	.00036	.00174	.05878	.32887	1.7708	.00220

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2043	.00022	-.00168	-.00045	-.00086	.00070	-.00185
SDev	.0333	.00024	.00155	.00238	.00107	.00288	.00466
%RSD	1.5123	106.68	92.097	525.18	124.33	412.27	251.76

#1	2.1807	.00005	-.00277	.00123	-.00010	.00273	-.00515
#2	2.2279	.00039	-.00059	-.00213	-.00162	-.00134	.00145

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00515	-.00153	.00017	.00236	-.00032	.00109	.00014
SDev	.00313	.00275	.00015	.00124	.00000	.00071	.00043
%RSD	60.724	179.78	84.256	52.295	.10431	64.811	297.13

#1	.00736	.00041	.00028	.00324	-.00032	.00059	.00045
#2	.00294	-.00347	.00007	.00149	-.00032	.00159	-.00016

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00152	.00027
SDev	.00015	.00028
%RSD	9.9736	101.52

#1	-.00142	.00047
#2	-.00163	.00008

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5876	--	--	--	--	--	--
SDev	3.500317	--	--	--	--	--	--
%RSD	.0595664	--	--	--	--	--	--
#1	5874	--	--	--	--	--	--
#2	5879	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837859/PS Operator: TWS
 Run Time: 07/08/08 15:06:23
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.162	.20493	.23545	.22505	.20431	41.356	.19961
SDev	.029	.00089	.00126	.00020	.00045	.094	.00074
%RSD	.28723	.43492	.53671	.08904	.22019	.22625	.36992
#1	10.182	.20556	.23635	.22519	.20399	41.422	.20013
#2	10.141	.20430	.23456	.22491	.20463	41.290	.19908
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19979	.20298	.20563	10.317	12.980	18.687	.21538
SDev	.00009	.00026	.00002	.003	.081	.016	.00015
%RSD	.04260	.12595	.01068	.02816	.62065	.08525	.07179
#1	.19985	.20316	.20562	10.319	13.037	18.676	.21527
#2	.19973	.20280	.20565	10.315	12.923	18.698	.21549
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.753	.20179	.19787	.20144	.20025	.20625	.19982
SDev	.072	.00142	.00167	.00086	.00113	.00218	.00278
%RSD	.32884	.70105	.84551	.42602	.56406	1.0563	1.3899
#1	21.703	.20279	.19905	.20204	.20105	.20471	.20179
#2	21.804	.20079	.19668	.20083	.19945	.20779	.19786
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20179	.20848	.20865	.19936	.20265	.20216	.07620
SDev	.00060	.00297	.00161	.00017	.00046	.00015	.00112
%RSD	.29779	1.4234	.77363	.08528	.22572	.07204	1.4712
#1	.20137	.20639	.20979	.19924	.20297	.20205	.07541
#2	.20222	.21058	.20751	.19948	.20233	.20226	.07699
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05085	.20538
SDev	.00005	.00015
%RSD	.10266	.07289

#1	.05081	.20527
#2	.05088	.20549

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5906	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.0718385	--	--	--	--	--	--
#1	5909	--	--	--	--	--	--
#2	5903	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837860/MD Operator: TWS
 Run Time: 07/08/08 15:11:53
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14220	.00113	.03805	.02165	-.00063	32.085	-.00001
SDev	.00013	.00346	.00134	.00007	.00001	.047	.00010
%RSD	.08941	305.11	3.5167	.30680	2.1812	.14600	1227.8

#1	.14211	.00358	.03711	.02160	-.00062	32.118	.00006
#2	.14229	-.00131	.03900	.02170	-.00064	32.052	-.00008

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00023	.00307	.25200	1.7350	8.7208	.01150
SDev	.00023	.00023	.00015	.00018	.0252	.0054	.00004
%RSD	959.95	103.12	5.0185	.07278	1.4534	.06146	.37820

#1	.00014	.00039	.00296	.25187	1.7528	8.7171	.01147
#2	-.00019	.00006	.00318	.25213	1.7172	8.7246	.01153

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.863	.00114	-.00192	.00235	.00093	-.00074	.00037
SDev	.081	.00019	.00111	.00116	.00040	.00129	.00268
%RSD	.68422	16.791	58.053	49.195	43.120	174.71	722.20

#1	11.805	.00101	-.00113	.00153	.00065	-.00165	.00227
#2	11.920	.00128	-.00270	.00317	.00121	.00017	-.00153

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	-.00133	.00260	.00317	.00064	.00221	.00091
SDev	.00045	.00217	.00058	.00420	.00015	.00035	.00064
%RSD	104.74	163.30	22.214	132.69	23.703	15.796	70.683

#1	.00075	-.00286	.00219	.00614	.00053	.00246	.00136
#2	.00011	.00021	.00301	.00020	.00075	.00197	.00045

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00026	.00179
SDev	.00003	.00036
%RSD	13.459	20.302

#1	-.00028	.00205
#2	-.00023	.00153

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5880	--	--	--	--	--	--
SDev	4.560632	--	--	--	--	--	--
%RSD	.0775647	--	--	--	--	--	--
#1	5883	--	--	--	--	--	--
#2	5877	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837861/MS Operator: TWS
 Run Time: 07/08/08 15:17:23
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.204	.20134	.23520	.22564	.20289	41.418	.19767
SDev	.007	.00097	.00107	.00017	.00008	.016	.00030
%RSD	.07088	.48405	.45617	.07689	.03760	.03944	.15148
#1	10.199	.20065	.23596	.22551	.20295	41.407	.19746
#2	10.209	.20203	.23444	.22576	.20284	41.430	.19788
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19237	.20259	.20894	10.280	13.080	18.604	.21423
SDev	.00049	.00047	.00065	.002	.038	.000	.00006
%RSD	.25545	.23442	.31080	.01810	.29048	.00174	.02827
#1	.19202	.20226	.20940	10.278	13.054	18.604	.21428
#2	.19272	.20293	.20848	10.281	13.107	18.604	.21419
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.815	.20228	.19861	.19941	.19914	.20522	.20305
SDev	.073	.00044	.00384	.00018	.00116	.00364	.00201
%RSD	.33347	.21783	1.9325	.09091	.58108	1.7712	.99059
#1	21.764	.20197	.20132	.19928	.19996	.20265	.20162
#2	21.866	.20259	.19589	.19953	.19832	.20779	.20447
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20765	.20401	.20530	.20020	.20265	.20685	.20070
SDev	.01162	.00036	.00014	.00277	.00012	.00019	.00176
%RSD	5.5951	.17501	.07028	1.3836	.05922	.09299	.87471
#1	.19944	.20426	.20540	.20216	.20257	.20698	.19945
#2	.21587	.20375	.20519	.19824	.20274	.20671	.20194
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05140	.20637
SDev	.00047	.00229
%RSD	.91115	1.1109

#1	.05107	.20475
#2	.05173	.20799

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5850	--	--	--	--	--	--
SDev	5.409298	--	--	--	--	--	--
%RSD	.0924678	--	--	--	--	--	--
#1	5846	--	--	--	--	--	--
#2	5854	--	--	--	--	--	--

Analysis Report

07/08/08 03:28:19 PM

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Method: TRACE1 Sample Name: AD837862 Operator: TWS
 Run Time: 07/08/08 15:22:53
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30612	.00279	.03767	.02202	-.00067	31.735	.00004
SDev	.00171	.00009	.00031	.00013	.00005	.108	.00007
%RSD	.55864	3.0745	.83131	.59775	6.9786	.33993	185.01

#1	.30733	.00285	.03789	.02212	-.00064	31.812	.00009
#2	.30491	.00273	.03745	.02193	-.00071	31.659	-.00001

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.00044	.00282	.23676	1.7546	8.6582	.01238
SDev	.00002	.00019	.00032	.00425	.0066	.0165	.00004
%RSD	7.2833	43.192	11.487	1.7952	.37670	.19028	.33045

#1	-.00027	.00031	.00259	.23376	1.7500	8.6699	.01235
#2	-.00024	.00058	.00305	.23977	1.7593	8.6466	.01241

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.438	.00084	-.00285	-.00015	-.00105	.00162	.00038
SDev	.085	.00043	.00043	.00021	.00000	.00045	.00066
%RSD	.62965	51.527	15.073	142.64	.16662	27.967	173.05

#1	13.378	.00054	-.00316	.00000	-.00105	.00130	.00085
#2	13.497	.00115	-.00255	-.00030	-.00105	.00194	-.00009

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	.00153	.00473	.00263	.00075	.00249	-.00107
SDev	.00109	.00013	.00035	.00106	.00031	.00035	.00087
%RSD	60.800	8.7141	7.4244	40.452	40.991	13.968	80.844

#1	.00102	.00144	.00498	.00338	.00097	.00224	-.00168
#2	.00257	.00163	.00448	.00188	.00053	.00273	-.00046

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00064	.00112
SDev	.00016	.00069
%RSD	25.535	61.764

#1	-.00052	.00162
#2	-.00076	.00063

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5842	--	--	--	--	--	--
SDev	12.83392	--	--	--	--	--	--
%RSD	.2196677	--	--	--	--	--	--
#1	5833	--	--	--	--	--	--
#2	5852	--	--	--	--	--	--

Analysis Report

07/08/08 03:33:48 PM

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Method: TRACE1 Sample Name: AD837863 Operator: TWS
 Run Time: 07/08/08 15:28:22
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08775	.00134	.04605	.02158	-.00100	31.749	.00025
SDev	.00259	.00125	.00060	.00011	.00003	.027	.00028
%RSD	2.9546	92.759	1.3078	.49837	2.6954	.08356	112.75

#1	.08958	.00223	.04563	.02150	-.00102	31.767	.00005
#2	.08591	.00046	.04648	.02165	-.00098	31.730	.00045

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00082	.00611	.09382	1.7869	8.5540	.00748
SDev	.00006	.00019	.00017	.01034	.0178	.0286	.00000
%RSD	87.359	23.156	2.8227	11.022	.99528	.33435	.04304

#1	.00012	.00096	.00599	.10113	1.7743	8.5337	.00748
#2	.00003	.00069	.00624	.08650	1.7995	8.5742	.00747

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.952	.00101	-.00013	.00001	-.00003	-.00261	.00014
SDev	.130	.00056	.00203	.00091	.00007	.00166	.00097
%RSD	1.0043	54.888	1554.5	6395.4	213.97	63.336	692.54

#1	12.860	.00140	-.00157	.00065	-.00009	-.00144	-.00055
#2	13.044	.00062	.00131	-.00063	.00002	-.00378	.00083

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00216	-.00500	.00183	-.00004	.00139	.00294	-.00106
SDev	.00140	.00178	.00012	.00408	.00000	.00035	.00000
%RSD	64.975	35.617	6.7425	9244.1	.11991	11.869	.03422

#1	.00315	-.00374	.00174	-.00293	.00139	.00269	-.00106
#2	.00117	-.00626	.00191	.00284	.00139	.00318	-.00106

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00147	.00252
SDev	.00031	.00196
%RSD	21.436	77.668

#1	-.00169	.00114
#2	-.00124	.00391

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5906	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0359156	--	--	--	--	--	--
#1	5905	--	--	--	--	--	--
#2	5908	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD837864 Operator: TWS
 Run Time: 07/08/08 15:33:52
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07424	.00156	.03750	.02082	-.00070	31.412	-.00002
SDev	.00069	.00151	.00001	.00011	.00004	.017	.00008
%RSD	.92585	96.751	.02399	.54954	5.0868	.05562	415.28

#1	.07376	.00263	.03750	.02074	-.00067	31.425	.00004
#2	.07473	.00049	.03751	.02090	-.00072	31.400	-.00007

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00020	.00256	.06763	1.6640	8.6844	.00564
SDev	.00035	.00028	.00009	.00077	.0097	.0115	.00005
%RSD	201.73	138.65	3.5895	1.1367	.58252	.13295	.86577

#1	-.00042	.00000	.00250	.06709	1.6709	8.6926	.00560
#2	.00007	.00039	.00263	.06817	1.6572	8.6763	.00567

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.762	.00138	-.00211	.00142	.00025	.00070	.00134
SDev	.112	.00020	.00211	.00027	.00052	.00149	.00133
%RSD	.95176	14.146	100.10	18.920	213.37	211.66	99.569

#1	11.683	.00125	-.00360	.00161	-.00012	-.00035	.00040
#2	11.841	.00152	-.00062	.00123	.00062	.00176	.00228

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00263	-.00026	.00113	-.00154	.00043	.00533	-.00076
SDev	.00096	.00271	.00017	.00320	.00015	.00015	.00128
%RSD	36.395	1042.7	15.270	208.07	35.674	2.9081	168.10

#1	.00331	-.00218	.00126	-.00380	.00054	.00522	.00014
#2	.00195	.00166	.00101	.00072	.00032	.00544	-.00167

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00048	.00254
SDev	.00037	.00013
%RSD	76.938	5.0240

#1	-.00022	.00245
#2	-.00075	.00263

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5871	--	--	--	--	--	--
SDev	19.09188	--	--	--	--	--	--
%RSD	.3251813	--	--	--	--	--	--
#1	5858	--	--	--	--	--	--
#2	5885	--	--	--	--	--	--

Analysis Report

QC Standard

07/08/08 03:47:45 PM

page 1

Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/08/08 15:42:19

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.296	.47154	.47638	.49239	.49002	24.155	.47454
SDev	.017	.00140	.00127	.00057	.00004	.035	.00059
%RSD	.07180	.29665	.26611	.11619	.00895	.14626	.12434
#1	24.284	.47253	.47548	.49198	.49006	24.130	.47412
#2	24.309	.47055	.47728	.49279	.48999	24.180	.47495
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47723	.50192	.48817	23.945	26.359	24.193	.49437
SDev	.00081	.00084	.00057	.024	.101	.021	.00053
%RSD	.16963	.16631	.11637	.10197	.38289	.08777	.10727
#1	.47666	.50133	.48857	23.927	26.287	24.208	.49400
#2	.47780	.50251	.48777	23.962	26.430	24.178	.49475
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.294	.48715	.48527	.48483	.48498	.48688	.49000
SDev	.047	.00003	.00002	.00294	.00197	.00205	.00502
%RSD	.19216	.00588	.00367	.60702	.40598	.42016	1.0255
#1	24.327	.48713	.48526	.48275	.48359	.48543	.48644
#2	24.261	.48717	.48528	.48692	.48637	.48832	.49355
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48280	.48892	.51174	.47743	.48371	.48636	.47694
SDev	.00208	.00411	.00013	.00004	.00102	.00049	.00201
%RSD	.43153	.84066	.02544	.00840	.20975	.10072	.42208
#1	.48427	.48601	.51165	.47746	.48299	.48671	.47552
#2	.48133	.49183	.51184	.47741	.48443	.48602	.47836
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.48649	.48928
SDev	.00030	.00320
%RSD	.06064	.65467

#1	.48628	.48702
#2	.48670	.49155

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5766	--	--	--	--	--	--
SDev	10.07627	--	--	--	--	--	--
%RSD	.1747419	--	--	--	--	--	--
#1	5759	--	--	--	--	--	--
#2	5774	--	--	--	--	--	--

Analysis Report

Blank Sample

07/08/08 03:53:14 PM

page 1

Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/08/08 15:47:48

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	L-.05899	.00097	.00040	.00007	-.00081	.02057	.00006
SDev	.01246	.00017	.00013	.00005	.00015	.00050	.00025
%RSD	21.121	17.621	33.709	71.776	18.559	2.4152	427.16

#1	L-.05018	.00085	.00049	.00003	-.00071	.02092	.00024
#2	L-.06781	.00109	.00030	.00010	-.00092	.02021	-.00012

Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00019	.00001	.00211	.00880	.01494	.00346	.00000
SDev	.00031	.00009	.00029	.01229	.00445	.00728	.00004
%RSD	161.98	1384.7	13.698	139.69	29.799	210.23	1568.5

#1	.00003	.00007	.00190	.01749	.01808	.00861	.00003
#2	-.00041	-.00006	.00231	.00011	.01179	-.00168	-.00002

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.08878	.00017	-.00203	.00201	.00066	-.00227	-.00138
SDev	.09023	.00038	.00156	.00118	.00130	.00038	.00111
%RSD	101.63	220.27	76.508	58.701	197.27	16.805	79.953

#1	-.15258	.00044	-.00093	.00284	.00158	-.00254	-.00060
#2	-.02498	-.00009	-.00313	.00117	-.00026	-.00200	-.00216

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00131	-.00276	-.00029	-.00018	.00044	.00126	.00046
SDev	.00374	.00129	.00015	.00241	.00015	.00052	.00389
%RSD	285.60	46.968	51.501	1351.7	33.736	41.112	846.79

#1	-.00395	-.00184	-.00040	-.00188	.00033	.00089	.00321
#2	.00133	-.00367	-.00019	.00152	.00054	.00162	-.00229

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00158	.00086
SDev	.00028	.00079
%RSD	17.846	92.519

#1	-.00178	.00142
#2	-.00138	.00030

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5841	--	--	--	--	--	--
SDev	38.50210	--	--	--	--	--	--
%RSD	.6591781	--	--	--	--	--	--
#1	5814	--	--	--	--	--	--
#2	5868	--	--	--	--	--	--

TestAmerica Buffalo

Analyst: TWSPrimary Review: AHDate: 7/17/08Secondary Review: TWSDate: 7/17/08

Spikes: 4-MDL-9, 11-MDL-14, 11-176-E, 12-030-F, 1-MDL-12

Pipettes: 05-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK <u>12-029-A</u>	1071608	TRACE1	07/16/08	10:59	X	IR	
2	STD 1 <u>12-035-C</u>	1071608	TRACE1	07/16/08	11:05	X	IR	
3	STD 2 <u>12-035-D</u>	1071608	TRACE1	07/16/08	11:10	X	IR	
4	STD 3 <u>12-035-B</u>	1071608	TRACE1	07/16/08	11:15	X	IR	
5	STD 3 VER <u>+</u>	1071608	TRACE1	07/16/08	11:20	TWS	B	CONC
6	ICV <u>12-033-E</u>	1071608	TRACE1	07/16/08	11:26	TWS	Q	CONC
7	ICB <u>12-029-A</u>	1071608	TRACE1	07/16/08	11:31	TWS	B	CONC
8	CRI <u>12-032-A</u>	1071608	TRACE1	07/16/08	11:37	TWS	B	CONC
9	ICSA <u>12-030-B</u>	1071608	TRACE1	07/16/08	11:47	TWS	Q	CONC
10	ICSAB <u>12-030-C</u>	1071608	TRACE1	07/16/08	11:53	TWS	Q	CONC
11	CCV <u>12-031-F</u>	1071608	TRACE1	07/16/08	12:01	TWS	Q	CONC
12	CCB <u>12-029-A</u>	1071608	TRACE1	07/16/08	12:07	TWS	B	CONC
13	AD839533/PB	1071608	TRACE1	07/16/08	12:13	TWS	S	CONC
14	AD839532/CLPSL	1071608	TRACE1	07/16/08	12:18	TWS	S	CONC
15	AD839517 <u>8339</u>	1071608	TRACE1	07/16/08	12:24	TWS	S	CONC
16	AD839518	1071608	TRACE1	07/16/08	12:29	TWS	S	CONC
17	AD839519	1071608	TRACE1	07/16/08	12:35	TWS	S	CONC
18	AD839520	1071608	TRACE1	07/16/08	12:40	TWS	S	CONC
19	AD839521	1071608	TRACE1	07/16/08	12:46	TWS	S	CONC
20	AD839522	1071608	TRACE1	07/16/08	12:51	TWS	S	CONC
21	AD839523	1071608	TRACE1	07/16/08	12:56	TWS	S	CONC
22	AD839524	1071608	TRACE1	07/16/08	13:02	TWS	S	CONC
23	CCV	1071608	TRACE1	07/16/08	13:11	TWS	Q	CONC
24	CCB	1071608	TRACE1	07/16/08	13:17	TWS	B	CONC
25	AD839506/PB	1071608	TRACE1	07/16/08	13:22	TWS	S	CONC
26	AD839505/FB	1071608	TRACE1	07/16/08	13:28	TWS	S	CONC
27	AD839485 <u>8345</u>	1071608	TRACE1	07/16/08	13:33	TWS	S	CONC
28	AD839486	1071608	TRACE1	07/16/08	13:40	TWS	S	CONC
29	AD839487	1071608	TRACE1	07/16/08	13:47	TWS	S	CONC
30	AD839488	1071608	TRACE1	07/16/08	13:54	TWS	S	CONC
31	AD839489	1071608	TRACE1	07/16/08	14:01	TWS	S	CONC
32	AD839490	1071608	TRACE1	07/16/08	14:08	TWS	S	CONC
33	AD839485/(1:100)	1071608	TRACE1	07/16/08	14:48	TWS	S	CONC
34	AD839485/(1:10)	1071608	TRACE1	07/16/08	14:53	TWS	S	CONC
35	CCV	1071608	TRACE1	07/16/08	15:02	TWS	Q	CONC
36	CCB	1071608	TRACE1	07/16/08	15:07	TWS	B	CONC
37	AD839486/(1:20)	1071608	TRACE1	07/16/08	15:13	TWS	S	CONC
38	AD839487/(1:50)	1071608	TRACE1	07/16/08	15:18	TWS	S	CONC
39	AD839487/(1:10)	1071608	TRACE1	07/16/08	15:24	TWS	S	CONC
40	AD839488/(1:200)	1071608	TRACE1	07/16/08	15:31	TWS	S	CONC
41	AD839488/(1:10)	1071608	TRACE1	07/16/08	15:36	TWS	S	CONC
42	AD839489/(1:20)	1071608	TRACE1	07/16/08	15:45	TWS	S	CONC
43	AD839490/(1:10)	1071608	TRACE1	07/16/08	15:50	TWS	S	CONC
44	AD839491	1071608	TRACE1	07/16/08	16:10	TWS	S	CONC
45	AD839492 <u>8366</u>	1071608	TRACE1	07/16/08	16:15	TWS	S	CONC
46	AD839493	1071608	TRACE1	07/16/08	16:21	TWS	S	CONC
47	CCV	1071608	TRACE1	07/16/08	16:29	TWS	Q	CONC
48	CCB	1071608	TRACE1	07/16/08	16:35	TWS	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD839494	1071608	TRACE1	07/16/08	16:40	TWS	S	CONC
50	AD839494/L (1:5)	1071608	TRACE1	07/16/08	16:46	TWS	S	CONC
51	AD839494/PS	1071608	TRACE1	07/16/08	16:51	TWS	S	CONC
52	AD839495/MS	1071608	TRACE1	07/16/08	16:57	TWS	S	CONC
53	AD839496/SD	1071608	TRACE1	07/16/08	17:02	TWS	S	CONC
54	AD839497	1071608	TRACE1	07/16/08	17:08	TWS	S	CONC
55	AD839498	1071608	TRACE1	07/16/08	17:13	TWS	S	CONC
56	AD839499	1071608	TRACE1	07/16/08	17:19	TWS	S	CONC
57	AD839500	1071608	TRACE1	07/16/08	17:24	TWS	S	CONC
58	AD839501	1071608	TRACE1	07/16/08	17:30	TWS	S	CONC
59	CCV	1071608	TRACE1	07/16/08	17:38	TWS	Q	CONC
60	CCB	1071608	TRACE1	07/16/08	17:44	TWS	B	CONC
61	AD839502	1071608	TRACE1	07/16/08	17:49	TWS	S	CONC
62	AD839503	1071608	TRACE1	07/16/08	17:55	TWS	S	CONC
63	AD839504	1071608	TRACE1	07/16/08	18:00	TWS	S	CONC
64	AD839388/PB	1071608	TRACE1	07/16/08	18:09	TWS	S	CONC
65	AD839387/FB	1071608	TRACE1	07/16/08	18:14	TWS	S	CONC
66	AD839379	1071608	TRACE1	07/16/08	18:20	TWS	S	CONC
67	AD839380	1071608	TRACE1	07/16/08	18:25	TWS	S	CONC
68	AD839381	1071608	TRACE1	07/16/08	18:31	TWS	S	CONC
69	AD839382	1071608	TRACE1	07/16/08	18:36	TWS	S	CONC
70	AD839383	1071608	TRACE1	07/16/08	18:42	TWS	S	CONC
71	CCV	1071608	TRACE1	07/16/08	18:50	TWS	Q	CONC
72	CCB	1071608	TRACE1	07/16/08	18:56	TWS	B	CONC
73	AD839383/L (1:5)	1071608	TRACE1	07/16/08	19:01	TWS	S	CONC
74	AD839383/PS	1071608	TRACE1	07/16/08	19:07	TWS	S	CONC
75	AD839384/MS	1071608	TRACE1	07/16/08	19:12	TWS	S	CONC
76	AD839385/SD	1071608	TRACE1	07/16/08	19:18	TWS	S	CONC
77	AD839386	1071608	TRACE1	07/16/08	19:23	TWS	S	CONC
78	AD839368	1071608	TRACE1	07/16/08	19:29	TWS	S	CONC
79	AD839369	1071608	TRACE1	07/16/08	19:34	TWS	S	CONC
80	CRI	1071608	TRACE1	07/16/08	19:46	TWS	B	CONC
81	ICSA	1071608	TRACE1	07/16/08	19:51	TWS	Q	CONC
82	ICSAB	1071608	TRACE1	07/16/08	19:56	TWS	Q	CONC
83	CCV	1071608	TRACE1	07/16/08	20:05	TWS	Q	CONC
84	CCB	1071608	TRACE1	07/16/08	20:10	TWS	B	CONC
85	STD BLK	1071608	TRACE1	07/16/08	20:28		X	IR
86	STD 1	1071608	TRACE1	07/16/08	20:34		X	IR
87	STD 2	1071608	TRACE1	07/16/08	20:39		X	IR
88	STD 3	1071608	TRACE1	07/16/08	20:44		X	IR
89	STD 3 VER	1071608	TRACE1	07/16/08	20:49	TWS	B	CONC
90	ICV	1071608	TRACE1	07/16/08	20:55	TWS	Q	CONC
91	ICB	1071608	TRACE1	07/16/08	21:00	TWS	B	CONC
92	CRI	1071608	TRACE1	07/16/08	21:06	TWS	B	CONC
93	ICSA	1071608	TRACE1	07/16/08	21:11	TWS	Q	CONC
94	ICSAB	1071608	TRACE1	07/16/08	21:17	TWS	Q	CONC
95	CCV	1071608	TRACE1	07/16/08	21:25	TWS	Q	CONC
96	CCB	1071608	TRACE1	07/16/08	21:31	TWS	B	CONC
97	AD839370	1071608	TRACE1	07/16/08	21:36	TWS	S	CONC
98	AD839371	1071608	TRACE1	07/16/08	21:42	TWS	S	CONC
99	AD839372	1071608	TRACE1	07/16/08	21:47	TWS	S	CONC
100	AD839373	1071608	TRACE1	07/16/08	21:53	TWS	S	CONC
101	AD839374	1071608	TRACE1	07/16/08	21:58	TWS	S	CONC
102	AD839375	1071608	TRACE1	07/16/08	22:04	TWS	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD839376	1071608	TRACE1	07/16/08	22:09	TWS	S	CONC
104	AD839377	1071608	TRACE1	07/16/08	22:15	TWS	S	CONC
105	AD839378	1071608	TRACE1	07/16/08	22:20	TWS	S	CONC
106	AD839745/PB	1071608	TRACE1	07/16/08	22:29	TWS	S	CONC
107	CCV	1071608	TRACE1	07/16/08	22:36	TWS	Q	CONC
108	CCB	1071608	TRACE1	07/16/08	22:41	TWS	B	CONC
109	AD839744/FB	1071608	TRACE1	07/16/08	22:47	TWS	S	CONC
110	AD839730 8254	1071608	TRACE1	07/16/08	22:52	TWS	S	CONC
111	AD839731	1071608	TRACE1	07/16/08	22:58	TWS	S	CONC
112	AD839732	1071608	TRACE1	07/16/08	23:03	TWS	S	CONC
113	AD839733	1071608	TRACE1	07/16/08	23:09	TWS	S	CONC
114	AD839734	1071608	TRACE1	07/16/08	23:14	TWS	S	CONC
115	AD839734/L (1:5)	1071608	TRACE1	07/16/08	23:20	TWS	S	CONC
116	AD839734/PS	1071608	TRACE1	07/16/08	23:25	TWS	S	CONC
117	AD839735/MS	1071608	TRACE1	07/16/08	23:31	TWS	S	CONC
118	AD839736/SD	1071608	TRACE1	07/16/08	23:36	TWS	S	CONC
119	CCV	1071608	TRACE1	07/16/08	23:45	TWS	Q	CONC
120	CCB	1071608	TRACE1	07/16/08	23:50	TWS	B	CONC
121	AD839737	1071608	TRACE1	07/16/08	23:56	TWS	S	CONC
122	AD839738 8322	1071608	TRACE1	07/17/08	00:01	TWS	S	CONC
123	AD839739	1071608	TRACE1	07/17/08	00:07	TWS	S	CONC
124	AD839740	1071608	TRACE1	07/17/08	00:12	TWS	S	CONC
125	AD839741	1071608	TRACE1	07/17/08	00:18	TWS	S	CONC
126	AD839741/L (1:5)	1071608	TRACE1	07/17/08	00:23	TWS	S	CONC
127	AD839741/PS	1071608	TRACE1	07/17/08	00:29	TWS	S	CONC
128	AD839742/MS	1071608	TRACE1	07/17/08	00:34	TWS	S	CONC
129	AD839743/SD	1071608	TRACE1	07/17/08	00:40	TWS	S	CONC
130	AD839624 8374	1071608	TRACE1	07/17/08	00:48	TWS	S	CONC
131	CCV	1071608	TRACE1	07/17/08	00:57	TWS	Q	CONC
132	CCB	1071608	TRACE1	07/17/08	01:02	TWS	B	CONC
133	AD839625	1071608	TRACE1	07/17/08	01:08	TWS	S	CONC
134	AD839626	1071608	TRACE1	07/17/08	01:13	TWS	S	CONC
135	AD839626/L (1:5)	1071608	TRACE1	07/17/08	01:19	TWS	S	CONC
136	AD839626/PS	1071608	TRACE1	07/17/08	01:24	TWS	S	CONC
137	AD839627/MS	1071608	TRACE1	07/17/08	01:30	TWS	S	CONC
138	AD839628/SD	1071608	TRACE1	07/17/08	01:35	TWS	S	CONC
139	AD839629	1071608	TRACE1	07/17/08	01:41	TWS	S	CONC
140	AD839630	1071608	TRACE1	07/17/08	01:46	TWS	S	CONC
141	AD839631 8388	1071608	TRACE1	07/17/08	01:52	TWS	S	CONC
142	AD839632	1071608	TRACE1	07/17/08	01:57	TWS	S	CONC
143	CCV	1071608	TRACE1	07/17/08	02:06	TWS	Q	CONC
144	CCB	1071608	TRACE1	07/17/08	02:11	TWS	B	CONC
145	AD839633 8418	1071608	TRACE1	07/17/08	02:17	TWS	S	CONC
146	AD839634 8420	1071608	TRACE1	07/17/08	02:22	TWS	S	CONC
147	AD839635 8421	1071608	TRACE1	07/17/08	02:28	TWS	S	CONC
148	AD839636	1071608	TRACE1	07/17/08	02:34	TWS	S	CONC
149	AD839637	1071608	TRACE1	07/17/08	02:39	TWS	S	CONC
150	AD839638	1071608	TRACE1	07/17/08	02:45	TWS	S	CONC
151	AD839638/L (1:5)	1071608	TRACE1	07/17/08	02:50	TWS	S	CONC
152	AD839638/PS	1071608	TRACE1	07/17/08	02:56	TWS	S	CONC
153	AD839639/MD	1071608	TRACE1	07/17/08	03:01	TWS	S	CONC
154	AD839640/MS	1071608	TRACE1	07/17/08	03:07	TWS	S	CONC
155	CCV	1071608	TRACE1	07/17/08	03:15	TWS	Q	CONC
156	CCB	1071608	TRACE1	07/17/08	03:21	TWS	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	STD BLK	1071608	TRACE1	07/17/08	03:39	X	IR	
158	STD 1	1071608	TRACE1	07/17/08	03:44	X	IR	
159	STD 2	1071608	TRACE1	07/17/08	03:49	X	IR	
160	STD 3	1071608	TRACE1	07/17/08	03:54	X	IR	
161	STD 3 VER	1071608	TRACE1	07/17/08	04:00	TWS	B	CONC
162	ICV	1071608	TRACE1	07/17/08	04:05	TWS	Q	CONC
163	ICB	1071608	TRACE1	07/17/08	04:11	TWS	B	CONC
164	CRI	1071608	TRACE1	07/17/08	04:16	TWS	B	CONC
165	ICSA	1071608	TRACE1	07/17/08	04:22	TWS	Q	CONC
166	ICSAB	1071608	TRACE1	07/17/08	04:27	TWS	Q	CONC
167	CCV	1071608	TRACE1	07/17/08	04:36	TWS	Q	CONC
168	CCB	1071608	TRACE1	07/17/08	04:41	TWS	B	CONC
169	AD839644/PB	1071608	TRACE1	07/17/08	04:47	TWS	S	CONC
170	AD839643/FB	1071608	TRACE1	07/17/08	04:52	TWS	S	CONC
171	AD839641	1071608	TRACE1	07/17/08	04:58	TWS	S	CONC
172	AD839642	1071608	TRACE1	07/17/08	05:03	TWS	S	CONC
173	AD839687/PB	1071608	TRACE1	07/17/08	05:12	TWS	S	CONC
174	AD839686/FB	1071608	TRACE1	07/17/08	05:17	TWS	S	CONC
175	AD839666	1071608	TRACE1	07/17/08	05:23	TWS	S	CONC
176	AD839667	1071608	TRACE1	07/17/08	05:28	TWS	S	CONC
177	AD839668	1071608	TRACE1	07/17/08	05:34	TWS	S	CONC
178	AD839669	1071608	TRACE1	07/17/08	05:39	TWS	S	CONC
179	CCV	1071608	TRACE1	07/17/08	05:48	TWS	Q	CONC
180	CCB	1071608	TRACE1	07/17/08	05:53	TWS	B	CONC
181	AD839670	1071608	TRACE1	07/17/08	05:59	TWS	S	CONC
182	AD839671	1071608	TRACE1	07/17/08	06:04	TWS	S	CONC
183	AD839672	1071608	TRACE1	07/17/08	06:10	TWS	S	CONC
184	AD839673	1071608	TRACE1	07/17/08	06:16	TWS	S	CONC
185	AD839674	1071608	TRACE1	07/17/08	06:21	TWS	S	CONC
186	AD839675	1071608	TRACE1	07/17/08	06:27	TWS	S	CONC
187	AD839675/L (1:5)	1071608	TRACE1	07/17/08	06:32	TWS	S	CONC
188	AD839675/PS	1071608	TRACE1	07/17/08	06:38	TWS	S	CONC
189	AD839676/MS	1071608	TRACE1	07/17/08	06:43	TWS	S	CONC
190	AD839677/SD	1071608	TRACE1	07/17/08	06:49	TWS	S	CONC
191	CCV	1071608	TRACE1	07/17/08	06:57	TWS	Q	CONC
192	CCB	1071608	TRACE1	07/17/08	07:03	TWS	B	CONC
193	AD839678	1071608	TRACE1	07/17/08	07:08	TWS	S	CONC
194	AD839679	1071608	TRACE1	07/17/08	07:14	TWS	S	CONC
195	AD839680	1071608	TRACE1	07/17/08	07:19	TWS	S	CONC
196	AD839681	1071608	TRACE1	07/17/08	07:25	TWS	S	CONC
197	AD839682	1071608	TRACE1	07/17/08	07:30	TWS	S	CONC
198	AD839683	1071608	TRACE1	07/17/08	07:36	TWS	S	CONC
199	AD839684	1071608	TRACE1	07/17/08	07:41	TWS	S	CONC
200	AD839685	1071608	TRACE1	07/17/08	07:48	TWS	S	CONC
201	CCV	1071608	TRACE1	07/17/08	07:57	TWS	Q	CONC
202	CCB	1071608	TRACE1	07/17/08	08:02	TWS	B	CONC
203	CRI	1071608	TRACE1	07/17/08	08:14	TWS	B	CONC
204	ICSA	1071608	TRACE1	07/17/08	08:19	TWS	Q	CONC
205	ICSAB	1071608	TRACE1	07/17/08	08:25	TWS	Q	CONC
206	CCV	1071608	TRACE1	07/17/08	08:33	TWS	Q	CONC
207	CCB	1071608	TRACE1	07/17/08	08:39	TWS	B	CONC

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#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.14501	4.39482	21.4672	43.1983	49.414	18.830
2	As1890	-.04962	1.07268	5.54006	11.1122	.98425	.36787
3	B_2496	.00093	.37931	1.91364	3.84344	.99867	.37450
4	Ba4934	-.00016	.7599	3.90678	7.82919	.97203	.37295
5	Be3130	.09426	1.34901	6.56825	12.9507	.97219	.36741
6	Ca3179	.0223			34.3827	49.458	18.878
7	Cd2265	.004	1.60576	7.93491	15.7237	.99295	.37769
8	Co2286	-.00783	.72735	3.69264	7.35547	.98409	.36730
9	Cr2677	.00179	.57902	2.92667	5.83519	.97571	.38240
10	Cu3247	.00392	.52299	2.60932	5.23859	.98720	.36046
11	Fe2714	-.00195	.64098	3.23596	6.47057	49.084	18.645
12	K_7664	-.11563			169.772	46.990	Q17.283
13	Mg2790	.00051			18.6616	48.256	18.404
14	Mn2576	.00068	.36007	1.82365	3.63827	.98046	.37367
15	Na3302	-.00365			2.34874	49.746	18.609
16	Ni2316	-.01327	.55393	2.83805	5.68563	.97847	.37880
17	2203/1	.01762	.47908	2.30875	4.59436	.98167	.37676
18	2203/2	-.0256	2.56189	12.9009	25.8494	.97834	.37538
19	Sb2068	.0035	.19877	.97315	1.95341	.99895	.38477
20	1960/1	-.0757	.29378	1.79093	3.66656	.99909	.38964
21	1960/2	.04888	.52629	2.40314	4.7946	.98782	.38382
22	Ti3372	-.00288	1.11345	5.56655	11.1463	.98978	.38366
23	Tl1908	-.0269	.3232	1.6925	3.38203	.99412	.38860
24	V_2924	.00034	.08162	.41011	.82036	.98759	.37129
25	Zn2062	.00119	.06781	.3378	.66639	.97965	.37628
26	Sn1899	.00084	.05509	.27643	.55299	1.0034	.38426
27	Ag3280	-.0332	.60885	3.21063	6.5046	.99098	.36769
28	Mo2020	.00298	.26793	1.35889	2.68471	.98222	.36629
29	*Y	5872.05	5898.75	5849.62	5802.9	5934.23	5948.03
30	PB2203					.97945	.37584
31	SE1960					.99157	.38575

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.01758	.19852	503.11	506.01	25.354	-.01105
2	As1890	.00098	.01023	-.00082	.09921	.49104	.00105
3	B_2496	.00113	.02318	.00186	.01296	.50097	.00052
4	Ba4934	.00025	.00232	.00057	.51181	.50841	.00021
5	Be3130	.00021	.00214	.00093	.48143	.50550	-.00014
6	Ca3179	.00975	.51585	487.43	487.02	25.296	.02630
7	Cd2265	.00009	.00133	.00198	.95387	.49442	.00026
8	Co2286	.00044	.00413	.00053	.46969	.49471	.00055
9	Cr2677	.00031	.00444	-.00053	.49895	.51706	.00006
10	Cu3247	-.00013	.01146	.00492	.50435	.49158	.00108
11	Fe2714	.01073	.06385	191.82	96.695	24.809	.01006
12	K_7664	.02739	.47192	-.07009	-.03634	25.373	-.01977
13	Mg2790	.01062	.21876	506.37	494.60	24.967	.01562
14	Mn2576	.00026	.00351	.00046	.47333	.50584	.00000
15	Na3302	.14657	1.3247	.21862	.02383	25.133	.01330
16	Ni2316	-.00027	.01008	.00106	.92421	.50240	-.00018
17	2203/1	.00382	.00667	-.10140	-.05726	.50262	-.00071
18	2203/2	.00153	.00472	.05859	.10970	.50371	.00132

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	-.00132	.02095	-.00302	.62966	.50208	-.00092
20	1960/1	.00107	.02209	.00720	.05066	.52148	.00225
21	1960/2	.00280	.01294	-.00189	.04881	.51447	.00118
22	Ti3372	.00012	.00525	.00155	.00290	.51302	.00018
23	Tl1908	.00050	.02432	-.00017	.09463	.49209	.00326
24	V_2924	-.00010	.00548	.00093	.49387	.49739	-.00009
25	Zn2062	.00062	.01208	.00027	.92232	.51033	.00013
26	Sn1899	-.00076	.00628	.00010	-.00011	.49668	-.00076
27	Ag3280	-.00061	.00193	-.00147	.21161	.49886	-.00129
28	Mo2020	.00034	.01049	-.00489	-.00262	.50389	-.00027
29	*Y	5897.48	5818.12	5546.4	5543.7	5829.9	5853
30	PB2203	.00229	.00537	.00531	.05410	.50335	.00064
31	SE1960	.00222	.01599	.00113	.04943	.51680	.00154

#	Element	AD8'3/PB	AD8'LPSL	AD839517	AD839518	AD839519	AD839520
1	Al3082	.13066	63.815	21.376	23.585	19.535	30.094
2	As1890	.00052	.79565	.02004	.01645	.02047	.01970
3	B_2496	.00058	1.1159	.02599	.02682	.02746	.03197
4	Ba4934	.00012	3.9977	.27986	.28999	.32389	.26474
5	Be3130	.00001	.56404	.00121	.00115	.00124	.00158
6	Ca3179	.06151	72.007	155.04	177.17	170.37	188.25
7	Cd2265	.00003	.59524	.00264	.00320	.00444	.00229
8	Co2286	-.00004	.67621	.01937	.02016	.01922	.02413
9	Cr2677	.00100	.87231	.04320	.04679	.04826	.05223
10	Cu3247	.00122	.79129	.08419	.07463	.18954	.09367
11	Fe2714	.01533	104.73	44.516	47.269	44.252	56.503
12	K_7664	.01782	22.632	4.0794	4.1456	3.1403	4.9323
13	Mg2790	.01033	25.588	52.318	53.319	49.160	63.763
14	Mn2576	.00042	2.5714	1.0205	1.0994	.89580	1.4132
15	Na3302	.20336	4.5024	.70231	.79873	.87375	.72791
16	Ni2316	.00018	1.0824	.05022	.05308	.05202	.06416
17	2203/1	.00188	.82810	.06997	.07881	.15587	.09139
18	2203/2	.00016	.83442	.07272	.08382	.16019	.09937
19	Sb2068	.00126	.85698	-.00003	-.00106	.00237	.00088
20	1960/1	.00004	1.4822	-.00051	.00137	.00187	.00143
21	1960/2	.00161	1.4691	.00506	.00187	.00727	.00458
22	Ti3372	.00026	3.2861	.86876	.89113	.74050	.92811
23	Tl1908	.00216	1.2597	.00207	.00285	.00209	.00125
24	V_2924	.00000	.90163	.05581	.05716	.05245	.07191
25	Zn2062	.00364	2.0922	.28290	.26913	.34929	.32699
26	Sn1899	H.01860	1.0656	.01892	.02110	.02359	.01774
27	Ag3280	-.00055	.76529	-.00066	-.00133	-.00013	-.00023
28	Mo2020	-.00057	.53015	.00709	.00565	.01022	.00633
29	*Y	5916.23	6202.88	5914.8	5979	5964.6	5977.73
30	PB2203	.00074	.83231	.07180	.08215	.15875	.09671
31	SE1960	.00109	1.4734	.00320	.00171	.00547	.00353

#	Element	AD839521	AD839522	AD839523	AD839524	CCV	CCB
1	Al3082	22.323	28.479	35.034	26.742	25.335	-.02188
2	As1890	.01901	.02287	.02454	.02086	.49052	.00125
3	B_2496	.02231	.02883	.03493	.02944	.50110	.00029
4	Ba4934	.22411	.26917	.35434	.27492	.50797	.00024
5	Be3130	.00110	.00118	.00143	.00149	.50847	-.00020
6	Ca3179	178.23	202.06	230.84	169.80	25.292	.03435
7	Cd2265	.00240	.00296	.00353	.00445	.49389	.00029
8	Co2286	.02042	.02457	.02909	.02072	.49509	.00014
9	Cr2677	.04424	.04982	.06280	.05831	.51850	.00016
10	Cu3247	.06874	.07346	.09388	.11485	.49181	.00215
11	Fe2714	47.819	55.810	66.974	47.755	24.802	.00744
12	K_7664	3.2889	4.6812	5.5435	3.7999	25.300	-.00584
13	Mg2790	58.919	69.167	73.142	51.796	25.060	.01727
14	Mn2576	1.3377	1.6949	2.3087	.94800	.50714	.00012
15	Na3302	.71155	.75591	.92090	.72019	25.168	.11533
16	Ni2316	.05100	.06728	.07537	.06065	.50582	.00000
17	2203/1	.05506	.07692	.07137	.15040	.50179	.00126
18	2203/2	.06323	.08842	.08154	.15522	.50573	.00002
19	Sb2068	.00046	-.00236	-.00269	-.00017	.50484	-.00350
20	1960/1	.00474	.00335	.00201	.00393	.51147	.00580
21	1960/2	.00275	.00217	.00132	.00498	.51029	.00455
22	Ti3372	.84578	1.0424	1.1306	.94683	.51355	.00021
23	Tl1908	.00371	.00101	.00368	.00003	.49430	.00433
24	V_2924	.05751	.07019	.08448	.07232	.49764	-.00009
25	Zn2062	.24790	.25662	.32858	.41608	.51489	.00013
26	Sn1899	.01230	.01746	.02005	.03983	.49592	-.00153
27	Ag3280	-.00023	-.00151	-.00128	.00016	.50006	-.00174
28	Mo2020	.00732	.00594	.00743	.00548	.50366	.00026
29	*Y	5967.23	5979.45	6046.58	5958.45	5798.62	5872.73
30	PB2203	.06051	.08459	.07815	.15361	.50442	.00043
31	SE1960	.00342	.00256	.00155	.00463	.51068	.00497

#	Element	AD8'6/PB	AD8'5/FB	AD839485	AD839486	AD839487	AD839488
1	Al3082	H.58720	10.381	k.59582	12.175	k.92880	k.89743
2	As1890	.00170	.20172	H288.36	.57118	k3.1501	H333.42
3	B_2496	H.11134	.20754	7.9461	15.595	23.837	10.194
4	Ba4934	.00069	.20537	.02138	.25018	.04349	.02783
5	Be3130	.00002	.20106	k.00004	.00012	k.00022	k.00024
6	Ca3179	H1.2004	10.321	22.581	192.46	8.7666	28.544
7	Cd2265	.00013	.20317	k.00158	.05553	k.05698	k.00172
8	Co2286	.00035	.19443	k.03379	.16039	k.21411	k.04294
9	Cr2677	.00052	.20328	k.27110	.37551	k4.5750	k.33792
10	Cu3247	.00093	.20247	k.04513	.70054	15.550	k.08194
11	Fe2714	.03045	10.217	k1.8241	19.660	k16.653	k2.3203
12	K_7664	.01904	9.6987	C.00000	H500.46	C.00000	C.00000
13	Mg2790	.01850	10.135	k21.592	42.971	k7.8466	k25.989
14	Mn2576	.00064	.20359	k.06192	.48350	k.13013	k.07685
15	Na3302	.27716	10.479	H5678.4	H2416.7	H3890.7	H6440.7
16	Ni2316	.00079	.20544	k.57931	1.8147	k8.1912	k.72212
17	2203/1	.00275	.20345	k.33518	.10981	k1.1170	k.41659
18	2203/2	.00040	.20225	k.33966	.11489	k1.1064	k.42133

#	Element	AD8'6/PB	AD8'5/FB	AD839485	AD839486	AD839487	AD839488
19	Sb2068	-.00089	.20735	k1.6628	.08242	k.33131	k2.2407
20	1960/1	.00238	.20609	k.31289	.07910	k.62363	k.42317
21	1960/2	-.00165	.20604	k.33742	.07940	k.62884	k.45602
22	Ti3372	.00108	.20438	k.02509	.23402	k.07250	k.03273
23	Tl1908	.00207	.20459	k.00419	.00282	k-.00225	k-.00004
24	V_2924	.00031	.20466	k.13840	.11131	k.73227	k.17627
25	Zn2062	.00063	.20657	k.24847	3.6870	k1.2412	k.30457
26	Sn1899	-.00277	.20886	k-1.7706	L-.06941	k-.00001	k-1.8417
27	Ag3280	-.00062	.05237	k-.00668	-.00239	k.00024	k-.00601
28	Mo2020	.00000	.20604	k2.3266	3.5670	k10.976	k2.8390
29	*Y	5871.67	5812.8	4157.4	5454.83	4966.5	3933.53
30	PB2203	.00118	.20265	k.33817	.11320	k1.1099	k.41975
31	SE1960	-.00031	.20605	k.32924	.07930	k.62710	k.44507

#	Element	AD839489	AD839490	AD8'100)	AD8':10)	CCV	CCB
1	Al3082	.24978	.70569	.00593	.05010	25.021	-.00866
2	As1890	.47177	.23404	4.0364	H39.984	.49876	.00306
3	B_2496	1.6100	H83.920	.07805	.73015	.50673	.00603
4	Ba4934	.20343	.95894	.00033	.00224	.49773	.00015
5	Be3130	.00114	.00009	.00008	.00027	.50722	-.00006
6	Ca3179	H1733.2	H2058.9	.32186	2.4970	25.102	.03156
7	Cd2265	.00183	.03464	.00025	.00020	.49510	.00010
8	Co2286	.02552	.10685	.00066	.00367	.49321	.00030
9	Cr2677	.10520	.20549	.00285	.02786	.51448	.00014
10	Cu3247	.15498	.02682	.00070	.00367	.48931	.00129
11	Fe2714	1.3420	H786.01	.02669	.19488	24.769	.01991
12	K_7664	389.43	194.24	18.424	212.53	24.810	.01692
13	Mg2790	2.6101	830.84	.26639	2.4842	25.048	.01858
14	Mn2576	.02091	H34.465	.00108	.00642	.50768	.00016
15	Na3302	H2083.5	H1622.2	247.96	H1666.7	25.294	.42441
16	Ni2316	.62925	.85548	.00640	.06394	.50476	.00013
17	2203/1	-.00007	.04072	.00930	.03661	.50368	-.00067
18	2203/2	.00541	.04122	.00525	.03610	.50512	.00145
19	Sb2068	.04416	.05499	.01481	.15149	.50168	-.00097
20	1960/1	.07115	.07200	.00690	.02752	.51532	.00102
21	1960/2	.05765	-.02817	.00357	.03220	.50796	-.00234
22	Ti3372	.00150	.03165	.00034	.00267	.51362	.00039
23	Tl1908	-.00208	L-.02246	.00081	-.00288	.49191	.00531
24	V_2924	.03852	.03404	.00088	.01386	.49375	-.00020
25	Zn2062	.00231	6.5947	.00540	.02777	.51341	.00075
26	Sn1899	L-.09031	H13.450	-.00829	L-.09262	.49838	-.00061
27	Ag3280	L-.00535	L-.00579	-.00113	-.00259	.49540	-.00094
28	Mo2020	6.3379	.05332	.02188	.21748	.50105	-.00025
29	*Y	5259.45	5246.4	5782.88	5491.28	5835.6	5912.85
30	PB2203	.00358	.04106	.00659	.03627	.50464	.00074
31	SE1960	.06215	.00522	.00468	.03064	.51041	-.00121

#	Element	AD8':20)	AD8':50)	AD8':10)	AD8'200)	AD8':10)	AD8':20)
1	Al3082	.55023	.00136	.04265	-.02982	.05480	-.01391
2	As1890	.02710	.05758	.28852	2.6258	H49.501	.02275
3	B_2496	.72212	.42964	2.2001	.04895	.89826	.07523
4	Ba4934	.01259	.00096	.00451	.00028	.00266	.00981
5	Be3130	-.00012	-.00011	-.00034	-.00024	.00001	-.00016
6	Ca3179	10.102	.22527	.98096	.20797	3.1902	93.741
7	Cd2265	.00322	.00133	.00595	.00007	.00018	.00010
8	Co2286	.00833	.00469	.02201	.00052	.00501	.00173
9	Cr2677	.01895	.09369	.47398	.00236	.03597	.00590
10	Cu3247	.03290	.27424	1.4252	.00199	.00734	.00833
11	Fe2714	1.0448	.34287	1.7030	.01796	.25032	.07738
12	K_7664	22.076	23.987	141.17	12.748	273.51	15.036
13	Mg2790	2.2809	.17912	.88012	.17009	3.1091	.13846
14	Mn2576	.02432	.00279	.01349	.00050	.00803	.00118
15	Na3302	234.08	237.41	H981.17	165.07	H1924.9	178.65
16	Ni2316	.09762	.17797	.87755	.00435	.08146	.03406
17	2203/1	.00896	.02556	.11395	.00337	.04579	.00186
18	2203/2	.00828	.02325	.11126	.00413	.04349	.00059
19	Sb2068	.00494	.00415	.03031	.00886	.18233	.00150
20	1960/1	.00755	.01119	.05529	.00501	.03057	.00502
21	1960/2	.01073	.01484	.05742	.00675	.03935	.00748
22	Ti3372	.01220	.00148	.00756	.00049	.00321	.00045
23	Tl1908	.00075	.00117	-.00129	.00013	.00272	.00221
24	V_2924	.00547	.01382	.07223	.00086	.01770	.00194
25	Zn2062	.18513	.02620	.13155	.00378	.03557	.00123
26	Sn1899	-.00211	-.00120	-.00497	-.00745	L-.12112	-.00545
27	Ag3280	-.00096	-.00139	-.00217	-.00147	-.00329	-.00110
28	Mo2020	.17157	.21698	1.1129	.01460	.27422	.31502
29	*Y	5869.35	5809.28	5651.1	5835.83	5528.55	5781.98
30	PB2203	.00851	.02402	.11216	.00388	.04426	.00101
31	SE1960	.00967	.01362	.05671	.00617	.03642	.00666

#	Element	AD8':10)	AD839491	AD839492	AD839493	CCV	CCB
1	Al3082	.01662	-.03572	-.03150	.02752	25.134	L-.06169
2	As1890	.02623	.00786	.00644	.02783	.48991	.00190
3	B_2496	8.5883	.00998	.86903	.20300	.50123	.00299
4	Ba4934	.09643	.00020	.03659	.03543	.50123	.00011
5	Be3130	-.00041	-.00041	-.00031	-.00008	.51327	-.00048
6	Ca3179	256.72	.10312	67.495	121.76	25.268	.01738
7	Cd2265	.00362	.00005	.00016	.00005	.49278	.00000
8	Co2286	.01192	.00022	.00043	.00031	.49524	.00039
9	Cr2677	.02339	-.00039	.00004	.00248	.51909	-.00018
10	Cu3247	.00691	.00292	.00464	.00293	.49160	.00318
11	Fe2714	87.776	.01333	.81799	2.1827	24.811	.00471
12	K_7664	17.453	.03716	3.6068	4.0746	25.013	.02000
13	Mg2790	93.995	.00709	32.251	54.973	25.263	-.00113
14	Mn2576	4.3306	.00050	.01698	.04395	.51121	.00005
15	Na3302	254.36	.74295	73.673	60.960	25.273	.38414
16	Ni2316	.09941	.00024	.00091	.00169	.50651	.00063
17	2203/1	.00571	-.00132	.00074	-.00120	.50483	-.00108
18	2203/2	.00459	.00025	.00173	.00089	.50664	.00114

#	Element	AD8':10)	AD839491	AD839492	AD839493	CCV	CCB
19	Sb2068	.00223	-.00153	-.00219	-.00051	.50272	-.00229
20	1960/1	.00268	.00140	.00585	.00397	.51694	.00472
21	1960/2	.00496	-.00128	-.00007	.00220	.50239	.00225
22	Ti3372	.00359	.00021	.00046	.00091	.51423	.00040
23	Tl1908	.00388	-.00044	-.00038	.00189	.49101	.00112
24	V_2924	.00300	-.00041	-.00026	-.00021	.49589	-.00009
25	Zn2062	.80896	.00170	.00284	.00129	.51908	.00039
26	Sn1899	1.4407	-.00200	-.00722	L-.01203	.49650	-.00231
27	Ag3280	-.00222	-.00168	-.00265	-.00146	.49933	-.00138
28	Mo2020	.00629	.00069	.05378	.02618	.50471	-.00053
29	*Y	5679.75	5793.23	5733.6	5769.98	5713.05	5837.03
30	PB2203	.00496	-.00027	.00140	.00019	.50604	.00040
31	SE1960	.00420	-.00038	.00190	.00279	.50723	.00307

#	Element	AD839494	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD	AD839497
1	Al3082	.45735	.12487	10.413	10.698	10.514	-.01612
2	As1890	.00740	.00205	.20487	.20418	.20264	.01293
3	B_2496	.14606	.03357	.33955	.34643	.33982	.07045
4	Ba4934	.03277	.00757	.23069	.23786	.23208	.02432
5	Be3130	-.00005	-.00004	.19995	.20581	.20689	-.00001
6	Ca3179	143.54	28.834	148.05	149.94	148.84	230.95
7	Cd2265	.00010	-.00013	.19339	.19258	.19128	.00025
8	Co2286	.00090	.00048	.19440	.19131	.19059	.00121
9	Cr2677	.00406	.00148	.20200	.20640	.20650	.00012
10	Cu3247	.01663	.00345	.20982	.21877	.21526	.00422
11	Fe2714	1.0011	.19742	10.764	10.927	10.864	3.9169
12	K_7664	2.6457	.45595	13.143	13.205	12.495	3.3522
13	Mg2790	61.856	12.305	69.902	70.934	71.051	82.795
14	Mn2576	.28232	.05628	.47159	.48188	.47839	.27700
15	Na3302	46.560	9.2584	55.729	55.887	55.257	37.099
16	Ni2316	.00393	.00112	.19709	.20214	.20103	.00054
17	2203/1	.00205	.00131	.19656	.19868	.19621	-.00214
18	2203/2	.00172	.00142	.19517	.20438	.19948	.00194
19	Sb2068	-.00213	-.00303	.19629	.19516	.19228	-.00124
20	1960/1	.00251	.00058	.20197	.20030	.19543	.00490
21	1960/2	.00164	.00270	.20001	.19981	.19791	-.00014
22	Ti3372	.00814	.00162	.20608	.21054	.20675	.00055
23	Tl1908	.00212	.00055	.18878	.18853	.18756	.00243
24	V_2924	.00106	.00022	.19790	.20237	.19969	.00025
25	Zn2062	.01402	.00264	.20811	.22001	.22194	.00314
26	Sn1899	L-.01021	-.00168	.18276	.18544	.17867	L-.03065
27	Ag3280	-.00160	-.00149	.04896	.05170	.04957	-.00132
28	Mo2020	.00657	.00067	.21024	.21874	.22133	.00366
29	*Y	5736.6	5726.7	5708.55	5748.45	5752.35	5754.98
30	PB2203	.00183	.00138	.19564	.20249	.19839	.00058
31	SE1960	.00193	.00199	.20066	.19997	.19708	.00154

#	Element	AD839498	AD839499	AD839500	AD839501	CCV	CCB
1	Al3082	-.00174	-.00502	.35176	-.00767	25.056	-.03216
2	As1890	.00000	.00238	.01387	.03007	.48800	.00186
3	B_2496	.00833	.08917	.23697	.10333	.49832	.00182
4	Ba4934	.00014	.06181	.03876	.02871	.49782	.00012
5	Be3130	-.00012	.00004	-.00018	-.00018	.50220	-.00014
6	Ca3179	.15066	184.09	155.28	168.52	25.166	.02301
7	Cd2265	.00001	.00008	.00002	.00027	.49414	.00012
8	Co2286	.00028	.00064	.00121	.00023	.49127	.00023
9	Cr2677	.00021	.00065	.00121	.00048	.51393	.00035
10	Cu3247	.00152	.00234	.00427	.00487	.48384	.00188
11	Fe2714	.07195	.37614	.72439	3.6590	24.741	.00326
12	K_7664	.01727	16.646	3.4159	2.1878	22.652	.00336
13	Mg2790	.02461	63.746	69.367	71.276	24.897	.01209
14	Mn2576	.00057	1.1656	.11321	.05942	.50708	.00020
15	Na3302	.23634	74.600	76.977	66.433	24.917	.27384
16	Ni2316	.00088	.00173	.00361	.00099	.50193	.00000
17	2203/1	.00090	.00123	.00008	.00064	.50390	.00315
18	2203/2	.00105	.00108	.00097	.00082	.50221	.00046
19	Sb2068	-.00034	-.00212	-.00224	-.00106	.50242	-.00064
20	1960/1	.00171	.00338	.00446	.00413	.51623	.00608
21	1960/2	.00135	.00387	.00177	.00278	.50929	-.00168
22	Ti3372	.00020	.00032	.00489	.00021	.51099	.00025
23	Tl1908	.00300	.00440	.00248	.00334	.49669	.00218
24	V_2924	-.00009	-.00009	.00056	-.00068	.49399	-.00009
25	Zn2062	.00143	.00445	.01966	.00051	.50459	-.00009
26	Sn1899	-.00184	L-.01918	L-.01931	L-.02265	.49875	-.00248
27	Ag3280	-.00129	-.00172	-.00266	-.00344	.49581	-.00131
28	Mo2020	-.00113	.00150	.02375	.02015	.49584	.00002
29	*Y	5809.65	5665.8	5672.18	5655.08	5720.18	5779.88
30	PB2203	.00100	.00113	.00067	.00076	.50278	.00136
31	SE1960	.00147	.00371	.00267	.00323	.51160	.00090

#	Element	AD839502	AD839503	AD839504	AD8'8/PB	AD8'7/FB	AD839379
1	Al3082	.04551	.02339	.07586	-.01785	10.435	-.01208
2	As1890	.00254	.00393	.00157	.00115	.20570	.00332
3	B_2496	.02460	.47781	.48033	.00582	.21358	.02620
4	Ba4934	.00041	.27630	.27384	.00008	.21092	.05168
5	Be3130	-.00029	-.00042	-.00018	-.00027	.21108	-.00041
6	Ca3179	.34185	67.749	68.633	.07442	10.525	48.742
7	Cd2265	.00017	-.00012	.00006	.00005	.20072	.00010
8	Co2286	.00060	.00054	.00038	.00033	.19884	.00039
9	Cr2677	-.00012	.00018	.00116	.00036	.20927	.00009
10	Cu3247	.00405	.00363	.00213	.00196	.20790	.00487
11	Fe2714	.01191	.68482	.72018	.00665	10.223	.06037
12	K_7664	.02238	5.3394	5.2624	-.00332	10.507	3.0655
13	Mg2790	.01063	39.879	39.351	.00513	10.415	17.241
14	Mn2576	.00040	.03476	.03400	.00046	.20960	.01859
15	Na3302	.56120	143.05	142.95	.23232	10.688	10.137
16	Ni2316	.00072	.00056	.00003	.00013	.20726	.00116
17	2203/1	.00069	-.00154	-.00113	.00135	.20505	-.00136
18	2203/2	.00042	.00005	.00153	.00026	.20520	.00223

#	Element	AD839502	AD839503	AD839504	AD8'8/PB	AD8'7/FB	AD839379
19	Sb2068	-.00119	-.00223	.00087	.00053	.19994	-.00276
20	1960/1	.00226	.00619	.00220	.00701	.20304	.00249
21	1960/2	.00211	.00134	.00195	.00101	.20051	.00062
22	Ti3372	.00037	.00128	.00201	.00015	.20664	.00095
23	Tl1908	.00251	.00408	.00424	.00421	.19868	.00489
24	V_2924	.00056	-.00021	.00020	-.00041	.20593	.00043
25	Zn2062	.00203	.00127	.00047	.00015	.22012	.00480
26	Sn1899	-.00234	-.00294	-.00088	-.00027	.20322	-.00513
27	Ag3280	-.00203	-.00275	-.00133	-.00137	.05176	-.00211
28	Mo2020	.00017	-.00086	-.00016	-.00091	.21804	.00282
29	*Y	5660.17	5748.38	5794.95	5791.05	5725.43	5800.65
30	PB2203	.00051	-.00048	.00064	.00062	.20515	.00103
31	SE1960	.00216	.00296	.00203	.00301	.20135	.00124

#	Element	AD839380	AD839381	AD839382	AD839383	CCV	CCB
1	Al3082	.17083	.05077	.07445	.05536	24.873	L-.04449
2	As1890	.00403	.00271	.00358	.00295	.48360	.00116
3	B_2496	.03074	.02965	.03120	.02954	.49509	.00054
4	Ba4934	.05794	.09576	.06239	.05692	.48907	.00009
5	Be3130	-.00016	-.00011	-.00026	-.00043	.50217	-.00016
6	Ca3179	59.865	72.180	53.299	58.731	25.103	.01880
7	Cd2265	.00010	-.00008	-.00005	.00010	.49155	.00010
8	Co2286	.00038	.00067	.00055	.00066	.49015	.00031
9	Cr2677	.00077	.00053	.00023	.00027	.51339	.00034
10	Cu3247	.00245	.00226	.00421	.00451	.48482	.00261
11	Fe2714	.24782	.34368	.13255	.14324	24.529	.00920
12	K_7664	2.5078	2.9439	3.8145	2.6455	23.581	-.00405
13	Mg2790	23.388	25.350	16.691	23.252	24.751	.00622
14	Mn2576	.03974	.19001	.09210	.02908	.50404	.00010
15	Na3302	16.403	18.884	20.494	15.913	25.073	.25385
16	Ni2316	.00141	.00172	.00117	.00178	.50073	.00030
17	2203/1	.00065	.00092	.00044	-.00058	.49485	.00123
18	2203/2	-.00010	.00015	.00072	.00136	.50404	.00247
19	Sb2068	-.00106	.00081	-.00214	-.00100	.49265	-.00067
20	1960/1	.00602	.00591	.00252	.00112	.50710	-.00055
21	1960/2	-.00008	.00002	.00406	.00021	.50147	.00287
22	Ti3372	.00242	.00106	.00183	.00163	.51150	.00006
23	Tl1908	.00389	.00032	.00200	.00329	.48441	.00180
24	V_2924	.00116	.00054	.00054	.00075	.49222	.00023
25	Zn2062	.00615	.00479	.00278	.00284	.51094	.00018
26	Sn1899	-.00481	-.00614	-.00582	-.00704	.49470	-.00138
27	Ag3280	-.00171	-.00108	-.00230	-.00226	.49438	-.00163
28	Mo2020	.00498	.00239	.00318	.00495	.49557	.00007
29	*Y	5805.3	5714.93	5730.15	5770.28	5805.3	5705.4
30	PB2203	.00015	.00040	.00063	.00071	.50098	.00206
31	SE1960	.00195	.00198	.00355	.00051	.50334	.00173

#	Element	AD8'1:5)	AD8'3/PS	AD8'4/MS	AD8'5/SD	AD839386	AD839368
1	Al3082	-.03760	10.304	10.147	10.642	-.02040	-.03486
2	As1890	.00168	.20794	.20397	.20725	.00228	.00173
3	B_2496	.00698	.23065	.23002	.23432	.00619	.00533
4	Ba4934	.01151	.26321	.26131	.26694	.00016	.00016
5	Be3130	-.00040	.21016	.20815	.20708	-.00030	-.00033
6	Ca3179	11.805	67.434	70.831	69.263	.08887	.07870
7	Cd2265	.00010	.19840	.19732	.20262	-.00008	.00002
8	Co2286	.00044	.20357	.19395	.19616	-.00019	.00000
9	Cr2677	.00016	.20724	.20388	.20571	.00007	-.00019
10	Cu3247	.00350	.20451	.20383	.20543	.00205	.00290
11	Fe2714	.03100	10.271	10.235	10.680	.00860	.00179
12	K_7664	.48388	13.264	13.216	12.246	-.00233	-.02174
13	Mg2790	4.6907	33.044	34.274	33.860	.00007	.00012
14	Mn2576	.00589	.23629	.23709	.27352	.00020	.00020
15	Na3302	3.3784	25.839	27.647	34.506	.23073	.17769
16	Ni2316	.00016	.20296	.20416	.20530	.00015	-.00015
17	2203/1	-.00050	.19999	.20316	.20576	.00191	.00191
18	2203/2	.00064	.20496	.20269	.20435	.00076	.00026
19	Sb2068	-.00202	.19794	.19683	.20941	.00011	-.00075
20	1960/1	.00205	.20575	.20607	.21171	.00328	.00159
21	1960/2	.00255	.20158	.20503	.20728	.00306	-.00009
22	Ti3372	.00025	.20455	.20304	.20793	.00008	-.00006
23	Tl1908	-.00011	.19177	.19820	.20379	.00389	.00138
24	V_2924	.00001	.20444	.20203	.20636	.00001	-.00062
25	Zn2062	.00038	.21261	.21841	.21957	.00236	.00031
26	Sn1899	-.00408	.19264	.19773	.20563	-.00484	-.00265
27	Ag3280	-.00230	.04964	.05047	.05107	-.00154	-.00276
28	Mo2020	.00074	.21650	.21521	.21533	-.00055	.00078
29	*Y	5714.85	5759.62	5804.03	5723.55	5763.3	5716.95
30	PB2203	.00026	.20330	.20285	.20482	.00114	.00081
31	SE1960	.00239	.20297	.20538	.20875	.00314	.00047

#	Element	AD839369	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	-.02969	.17279	495.29	495.46	25.078	.06312
2	As1890	.00122	.01108	.00027	.09721	.48505	.00155
3	B_2496	.00646	.02247	.00096	.01289	.49324	.00103
4	Ba4934	.00013	.00214	.00056	.50552	.49116	.00016
5	Be3130	-.00029	.00196	.00060	.49536	.50149	.00000
6	Ca3179	.07476	.50886	479.04	478.02	25.251	.10960
7	Cd2265	-.00004	.00123	.00297	.91501	.48813	.00039
8	Co2286	.00021	.00446	.00030	.46587	.48991	.00061
9	Cr2677	.00014	.00421	-.00035	.49966	.51488	.00054
10	Cu3247	.00253	.01131	.00597	.50746	.48700	.00169
11	Fe2714	.00862	.05099	187.83	94.088	24.551	.03684
12	K_7664	-.02531	.43998	-.02404	-.06312	23.253	.01538
13	Mg2790	-.00210	.21129	502.76	499.22	24.783	.10033
14	Mn2576	.00003	.00329	.00081	.47886	.50411	.00029
15	Na3302	.14529	1.2315	.17861	.39145	25.081	.24778
16	Ni2316	.00054	.00977	.00078	.90742	.50156	.00039
17	2203/1	-.00133	.00593	-.10047	-.04520	.50020	.00362
18	2203/2	.00090	.00511	.05819	.10267	.49987	.00143

#	Element	AD839369	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	-.00323	.02052	-.00228	.59081	.49851	-.00218
20	1960/1	.00170	.02001	.00017	.05569	.50732	.00371
21	1960/2	.00061	.02014	.00259	.04935	.50417	.00202
22	Ti3372	.00017	.00482	.00139	.00282	.51212	.00016
23	Tl1908	.00192	.02310	-.00050	.08937	.48719	.00441
24	V_2924	-.00030	.00491	.00065	.48430	.49349	.00022
25	Zn2062	.00016	.01173	.00103	.94445	.50935	.00042
26	Sn1899	-.00390	.00653	.00142	-.00055	.49646	-.00200
27	Ag3280	-.00174	L.00142	-.00238	.21110	.49695	-.00144
28	Mo2020	-.00003	.01018	-.00481	-.00563	.49553	-.00078
29	*Y	5751.98	5746.12	5446.43	5439.53	5786.7	5762.1
30	PB2203	.00015	.00538	.00535	.05343	.49998	.00216
31	SE1960	.00097	.02010	.00178	.05147	.50521	.00259

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.11546	4.3136	21.1939	41.9419	50.547	19.016
2	As1890	-.02857	1.04553	5.48142	10.816	1.0207	.37676
3	B_2496	.00291	.37628	1.89912	3.74511	1.0132	.38115
4	Ba4934	.00034	.75143	3.78581	7.49644	1.0150	.38650
5	Be3130	.091	1.36548	6.57428	12.7037	1.0084	.37920
6	Ca3179	.02771			33.8806	51.235	19.158
7	Cd2265	.0041	1.55997	7.76594	15.2331	1.0123	.38060
8	Co2286	-.00444	.72377	3.67895	7.18786	1.0095	.37140
9	Cr2677	.00093	.5833	2.92591	5.74189	1.0086	.38739
10	Cu3247	.01009	.53111	2.61382	5.10125	.99692	.36479
11	Fe2714	-.00128	.63173	3.176	6.28028	50.882	18.885
12	K_7664	-.10803			152.426	50.167	18.984
13	Mg2790	.00136			18.1998	50.880	19.178
14	Mn2576	.00051	.36192	1.826	3.58162	1.0130	.38325
15	Na3302	-.00102			2.31166	50.814	19.014
16	Ni2316	-.01359	.55229	2.81085	5.55397	1.0123	.38140
17	2203/1	.00992	.47227	2.3054	4.49534	1.0012	.38050
18	2203/2	-.00047	2.58729	12.8845	25.2728	1.0051	.37962
19	Sb2068	.00206	.19351	.94822	1.88546	1.0158	.38543
20	1960/1	-.08571	.27475	1.7131	3.52842	1.0242	.40077
21	1960/2	.05751	.52168	2.35812	4.61607	1.0118	.38879
22	Ti3372	-.00298	1.10365	5.56308	10.8965	1.0046	.38585
23	Tl1908	-.0254	.30763	1.59167	3.23945	1.0233	.38898
24	V_2924	.00008	.08091	.40734	.80403	1.0132	.37470
25	Zn2062	.00153	.06909	.3433	.66162	1.0067	.38321
26	Sn1899	.00042	.05184	.26938	.53648	1.0346	.38841
27	Ag3280	-.04301	.60765	3.23761	6.41085	1.0048	.37004
28	Mo2020	.00273	.27191	1.36621	2.65685	1.0053	.37363
29	*Y	5845.73	5709.75	5675.85	5789.55	5698.73	5733.75
30	PB2203					1.0038	.37992
31	SE1960					1.0159	.39278

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.04859	.19858	496.72	509.07	25.242	.00646
2	As1890	-.00020	.00862	.00072	.09846	.49622	-.00107
3	B_2496	.00147	.02178	.00073	.01225	.49664	.00056
4	Ba4934	.00029	.00211	.00056	.52248	.50261	.00000
5	Be3130	.00026	.00200	.00077	.49398	.50201	-.00001
6	Ca3179	.01666	.50689	485.97	497.64	25.625	.01798
7	Cd2265	.00032	.00116	.00281	.97067	.50228	.00018
8	Co2286	.00039	.00380	.00015	.47742	.49418	.00002
9	Cr2677	.00057	.00454	.00008	.50813	.51581	.00059
10	Cu3247	.00059	.01043	.00490	.50647	.48360	.00100
11	Fe2714	.01549	.05176	191.00	98.262	25.036	.01210
12	K_7664	.02375	.47029	-.03564	-.04797	25.414	.01301
13	Mg2790	.01182	.21212	511.20	513.12	25.393	.01113
14	Mn2576	.00040	.00336	.00111	.48214	.50612	.00011
15	Na3302	.15274	1.1153	.15453	-.00213	25.195	.15943
16	Ni2316	-.00007	.01010	.00156	.93646	.50855	.00078
17	2203/1	.00391	.00724	-.09951	-.05116	.50644	.00387
18	2203/2	.00010	.00429	.05657	.10604	.50293	-.00124
19	Sb2068	-.00104	.01928	-.00039	.63585	.50618	.00008
20	1960/1	.00803	.02639	.00465	.05258	.52994	.00535
21	1960/2	.00246	.01353	-.00778	.04793	.51380	.00221
22	Ti3372	.00035	.00499	.00155	.00286	.51259	.00028
23	Tl1908	.00362	.02352	.00499	.10290	.50985	.00199
24	V_2924	.00063	.00526	.00128	.49852	.49748	.00064
25	Zn2062	.00229	.01095	.00017	.94687	.50626	.00014
26	Sn1899	-.00029	.00611	.00223	-.00039	.50931	-.00013
27	Ag3280	.00031	.00279	-.00056	.21199	.49246	.00025
28	Mo2020	.00131	.00963	-.00665	-.00449	.49416	.00010
29	*Y	5819.55	5874.98	5566.43	5516.48	5824.5	5801.1
30	PB2203	.00137	.00527	.00459	.05369	.50410	.00046
31	SE1960	.00432	.01782	-.00363	.04948	.51918	.00326

#	Element	AD839370	AD839371	AD839372	AD839373	AD839374	AD839375
1	Al3082	.09692	.01714	.01589	.01331	.00436	.00891
2	As1890	.01084	.00010	-.00031	-.00046	-.00055	.00931
3	B_2496	.02716	.02208	.03266	.01549	.01558	.02693
4	Ba4934	.11667	.12655	.33896	.15610	.12347	.11631
5	Be3130	.00010	.00003	-.00006	-.00009	-.00006	-.00001
6	Ca3179	147.33	99.999	91.623	72.182	104.40	145.93
7	Cd2265	.00023	.00013	.00011	.00007	.00012	-.00006
8	Co2286	.00283	-.00067	.00016	-.00003	-.00045	.00254
9	Cr2677	.00114	.00012	.00086	.00077	.00048	.00081
10	Cu3247	.00156	.00051	.00137	.00130	.00102	.00182
11	Fe2714	3.2768	1.2159	.00011	.07154	1.8845	3.2352
12	K_7664	2.6231	.94835	.79466	2.9330	.89518	2.6475
13	Mg2790	47.323	32.888	37.986	21.643	34.139	46.984
14	Mn2576	2.7685	.07654	1.1165	.03547	.07972	2.7830
15	Na3302	8.8199	5.5408	6.1513	6.6911	5.4818	8.8516
16	Ni2316	.00241	.00022	.01134	.00133	.00070	.00273
17	2203/1	.00169	.00384	.00201	.00318	.00227	.00265
18	2203/2	-.00073	-.00064	.00051	-.00003	-.00075	-.00038

#	Element	AD839370	AD839371	AD839372	AD839373	AD839374	AD839375
19	Sb2068	-.00112	.00040	-.00003	-.00037	.00043	.00018
20	1960/1	.00430	.00476	.00974	.00458	.00516	.00946
21	1960/2	-.00450	.00276	.00010	-.00004	-.00060	-.00150
22	Ti3372	.00029	.00007	.00019	.00011	.00018	.00011
23	Tl1908	.00166	.00376	.00078	.00140	-.00038	.00282
24	V_2924	.00079	.00019	.00043	.00096	.00050	.00026
25	Zn2062	.01719	-.00045	.00105	-.00008	-.00044	.01650
26	Sn1899	-.00281	-.00450	-.00256	-.00388	-.00479	-.00299
27	Ag3280	.00024	-.00047	-.00006	-.00018	-.00006	-.00024
28	Mo2020	.00209	.00212	.01103	.00472	.00294	.00321
29	*Y	5752.2	5779.2	5795.85	5765.78	5785.58	5728.28
30	PB2203	.00007	.00084	.00101	.00103	.00025	.00062
31	SE1960	-.00156	.00343	.00331	.00149	.00132	.00215

#	Element	AD839376	AD839377	AD839378	AD8'5/PB	CCV	CCB
1	Al3082	.00305	.01614	.00859	.01769	25.629	.00044
2	As1890	.00591	-.00070	-.00015	-.00034	.50142	-.00078
3	B_2496	.02735	.02459	.02560	.00782	.49958	-.00012
4	Ba4934	.06248	.08787	.09664	-.00003	.50946	-.00002
5	Be3130	-.00002	-.00005	.00003	-.00019	.51072	-.00009
6	Ca3179	117.55	115.57	153.42	.10900	25.793	.02126
7	Cd2265	.00025	.00010	-.00008	.00014	.50152	-.00006
8	Co2286	.00389	.00009	-.00007	-.00006	.50065	-.00027
9	Cr2677	.00070	.00062	.00022	.00075	.52291	.00041
10	Cu3247	.00226	.00114	.00185	.00120	.49130	.00094
11	Fe2714	.11852	.08878	-.00441	.00259	25.308	-.00020
12	K_7664	.46253	1.5826	1.2451	-.00651	25.683	-.01061
13	Mg2790	35.527	36.898	38.148	.00319	25.797	.01169
14	Mn2576	.13863	.01964	.07265	.00033	.51275	.00009
15	Na3302	6.3909	6.0044	5.1788	.12090	25.561	.02956
16	Ni2316	.00377	.00090	.00223	.00039	.51223	.00007
17	2203/1	.00240	.00324	.00176	.00330	.50784	.00259
18	2203/2	-.00084	-.00127	-.00124	.00000	.50868	-.00158
19	Sb2068	-.00146	-.00028	.00034	-.00242	.51003	-.00018
20	1960/1	.00544	.00792	.01053	.00615	.53722	.00602
21	1960/2	-.00356	-.00122	-.00245	-.00063	.51645	-.00191
22	Ti3372	.00024	.00006	.00003	.00014	.51855	.00000
23	Tl1908	.00173	.00318	.00229	.00089	.51017	.00181
24	V_2924	.00064	.00225	.00011	.00031	.50176	-.00021
25	Zn2062	.00211	-.00045	.00573	.00013	.51238	-.00023
26	Sn1899	-.00421	-.00404	-.00622	-.00126	.51281	-.00127
27	Ag3280	-.00028	-.00043	-.00048	-.00025	.49945	-.00021
28	Mo2020	.00026	.00427	.00085	.00025	.50230	.00017
29	*Y	5762.93	5778.15	5714.4	5823.53	5753.93	5779.05
30	PB2203	.00023	.00022	-.00024	.00110	.50840	-.00019
31	SE1960	-.00056	.00182	.00187	.00163	.52337	.00072

#	Element	AD8'4/FB	AD839730	AD839731	AD839732	AD839733	AD839734
1	Al3082	10.242	.26724	.32771	.23060	.21633	.04708
2	As1890	.20304	.00429	.00241	.00302	.00261	-.00037
3	B_2496	.20758	2.4341	2.4914	2.2963	2.2231	.59479
4	Ba4934	.20613	.04350	.04619	.05409	.05522	.49205
5	Be3130	.20483	.00058	.00079	.00076	.00068	.00002
6	Ca3179	10.415	207.53	211.59	197.63	192.92	127.49
7	Cd2265	.20295	.00013	.00010	.00009	.00005	.00024
8	Co2286	.19541	.00058	.00045	.00011	.00015	.00000
9	Cr2677	.20440	.00166	.00187	.00120	.00136	.00093
10	Cu3247	.20060	.00598	.00497	.00407	.00385	.00218
11	Fe2714	10.248	.47470	.53508	.36969	.37516	8.5286
12	K_7664	10.397	307.48	286.78	264.29	255.14	26.513
13	Mg2790	10.422	643.89	652.21	597.72	577.76	53.824
14	Mn2576	.20542	.17839	.18350	.20906	.22778	.62292
15	Na3302	10.502	H2564.4	H2577.8	H2455.8	H2409.7	351.02
16	Ni2316	.20635	-.00199	-.00246	-.00209	-.00258	.00325
17	2203/1	.20628	-.00073	.00341	.00122	.00190	.00321
18	2203/2	.20571	.00158	.00231	-.00068	.00030	.00221
19	Sb2068	.20497	-.00175	-.00158	.00053	-.00003	-.00169
20	1960/1	.20973	.01019	.00637	.01109	.00928	.00776
21	1960/2	.20623	.01341	.01292	.01114	.00829	.00035
22	Ti3372	.20274	.00964	.01005	.00564	.00612	.00191
23	Tl1908	.20806	.00200	-.00040	.00360	.00259	.00209
24	V_2924	.20276	.00302	.00290	.00291	.00288	.00147
25	Zn2062	.20993	.01515	.02769	.01708	.01670	.00699
26	Sn1899	.20924	L-.07627	L-.06988	L-.06121	L-.05776	-.00453
27	Ag3280	.05019	-.00297	-.00334	-.00282	-.00326	-.00090
28	Mo2020	.20821	.00024	.00093	.00017	.00167	.00021
29	*Y	5840.85	5105.62	5099.85	5099.1	5160.23	5640.98
30	PB2203	.20590	.00081	.00268	-.00005	.00083	.00254
31	SE1960	.20740	.01234	.01074	.01112	.00862	.00282

#	Element	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD	CCV	CCB
1	Al3082	.03234	10.815	11.098	11.032	25.554	.01481
2	As1890	-.00193	.21525	.21517	.21282	.50313	-.00105
3	B_2496	.11833	.80133	.83272	.87470	.51070	.00205
4	Ba4934	.09835	.70297	.72638	.70971	.51876	.00023
5	Be3130	.00008	.21094	.21273	.21165	.51525	.00028
6	Ca3179	25.912	137.31	142.92	145.22	25.794	.02844
7	Cd2265	-.00010	.20987	.21039	.20988	.51279	.00036
8	Co2286	-.00030	.20856	.20146	.20139	.50560	.00002
9	Cr2677	.00034	.20825	.21064	.21004	.52034	.00047
10	Cu3247	.00091	.21176	.21804	.21575	.49180	.00113
11	Fe2714	1.7379	18.992	19.318	18.432	25.402	.00167
12	K_7664	4.6411	37.938	39.514	43.497	25.273	.03527
13	Mg2790	10.925	64.232	66.955	77.601	25.838	.02964
14	Mn2576	.12668	.82839	.86172	.85737	.51648	.00032
15	Na3302	73.723	355.97	371.69	H440.23	25.780	.30678
16	Ni2316	.00035	.20889	.21215	.20995	.51349	.00068
17	2203/1	.00335	.21060	.21524	.20950	.51535	.00425
18	2203/2	-.00063	.20879	.21092	.20882	.51450	-.00060

#	Element	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD	CCV	CCB
19	Sb2068	.00113	.21427	.21537	.21789	.51379	.00024
20	1960/1	.00832	.22581	.22393	.22380	.53501	.00534
21	1960/2	-.00149	.21190	.22459	.21285	.52438	.00041
22	Ti3372	.00027	.21113	.21487	.21266	.51986	.00021
23	Tl1908	-.00100	.21276	.21857	.21535	.51714	.00276
24	V_2924	.00007	.21108	.21371	.21240	.50303	.00033
25	Zn2062	.00131	.21283	.22220	.21857	.51476	-.00032
26	Sn1899	-.00238	.21398	.21958	.21604	.52682	-.00111
27	Ag3280	-.00070	.05203	.05331	.05341	.49864	-.00015
28	Mo2020	.00075	.20791	.21529	.21542	.49826	-.00059
29	*Y	5691.45	5547.6	5560.8	5547.08	5623.8	5656.28
30	PB2203	.00069	.20940	.21236	.20905	.51478	.00101
31	SE1960	.00177	.21653	.22436	.21650	.52792	.00206

#	Element	AD839737	AD839738	AD839739	AD839740	AD839741	AD8'1:5)
1	Al3082	.24782	.03834	.03321	.12285	.02443	.01135
2	As1890	.00058	-.00065	.00172	.00200	-.00002	-.00139
3	B_2496	2.7325	.57827	.59025	4.6920	1.7081	.33640
4	Ba4934	.03179	.53243	.53976	1.2561	1.6819	.33699
5	Be3130	.00090	.00012	.00006	.00004	-.00008	-.00001
6	Ca3179	227.07	223.68	223.99	87.156	255.65	51.938
7	Cd2265	.00036	.00116	.00132	.00080	.00078	.00032
8	Co2286	.00079	.00050	.00089	.00738	.00187	.00015
9	Cr2677	.00179	.00400	.00362	.01753	.00626	.00127
10	Cu3247	.00392	.00197	.00253	.00279	.00149	.00100
11	Fe2714	.31895	43.311	43.408	16.998	25.968	5.2803
12	K_7664	318.00	15.132	15.661	147.01	46.351	7.9161
13	Mg2790	718.14	28.432	28.950	106.49	77.046	15.514
14	Mn2576	.13729	1.0484	1.0434	.07088	1.1769	.23930
15	Na3302	H2727.4	54.348	56.341	H698.88	H628.84	139.95
16	Ni2316	-.00295	.00451	.00487	.01301	.00415	.00142
17	2203/1	.00247	.00534	.00234	.00602	-.00001	.00310
18	2203/2	.00113	-.00098	-.00121	.00090	.00250	.00130
19	Sb2068	-.00261	-.00114	.00185	-.00024	-.00088	.00018
20	1960/1	.00954	.01151	.00318	.00715	.00811	.00796
21	1960/2	.01461	-.00259	-.00179	.00268	.00081	-.00078
22	Ti3372	.00663	.00154	.00146	.00277	.00231	.00029
23	Tl1908	.00371	.00301	.00306	.00317	.00361	.00254
24	V_2924	.00248	.00223	.00232	.00721	.00302	.00065
25	Zn2062	.04033	.00683	.00612	.00665	.00149	.00018
26	Sn1899	L-.07396	-.00219	-.00048	.00179	-.00220	-.00128
27	Ag3280	-.00345	-.00082	-.00088	-.00092	-.00110	-.00019
28	Mo2020	.00008	-.00137	-.00185	-.00190	-.00196	-.00041
29	*Y	4996.5	5572.8	5610.45	5480.18	5558.48	5699.33
30	PB2203	.00157	.00112	-.00002	.00260	.00166	.00190
31	SE1960	.01292	.00211	-.00013	.00417	.00324	.00213

#	Element	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD839624	CCV	CCB
1	Al3082	10.980	11.102	10.938	.01907	25.419	.01463
2	As1890	.21426	.21202	.21008	.00243	.50073	.00121
3	B_2496	1.9074	1.9279	1.9038	.07712	.50458	.00277
4	Ba4934	1.8916	1.9117	1.8827	.07115	.51318	.00025
5	Be3130	.20708	.20715	.20528	.00015	.50708	.00017
6	Ca3179	264.91	267.97	264.11	104.00	25.493	.02678
7	Cd2265	.20689	.20486	.20327	.00007	.50276	.00014
8	Co2286	.20486	.19762	.19579	.00004	.49805	.00021
9	Cr2677	.21014	.21111	.20893	.00012	.51620	.00062
10	Cu3247	.21335	.21729	.21484	.00150	.48737	.00086
11	Fe2714	36.228	36.621	35.904	2.6043	25.094	.00868
12	K_7664	58.503	59.222	58.447	3.7594	25.317	.02808
13	Mg2790	87.376	88.314	87.067	38.435	25.523	.02069
14	Mn2576	1.3790	1.3959	1.3737	1.6611	.51036	.00036
15	Na3302	H633.07	H640.10	H632.95	61.507	25.468	.25374
16	Ni2316	.20517	.20605	.20455	.00116	.50760	-.00009
17	2203/1	.20487	.20723	.20349	.00049	.50675	.00302
18	2203/2	.20677	.20493	.20601	-.00068	.50605	-.00109
19	Sb2068	.21503	.21624	.21320	.00232	.51053	-.00220
20	1960/1	.22422	.22170	.22063	.00482	.52559	.00708
21	1960/2	.21979	.21669	.21530	-.00043	.51896	-.00115
22	Ti3372	.21084	.21184	.20977	.00029	.51394	.00038
23	Tl1908	.20904	.21590	.20947	.00154	.51603	.00276
24	V_2924	.21160	.21233	.20983	.00038	.49743	.00010
25	Zn2062	.20086	.20595	.20499	.00211	.50545	-.00009
26	Sn1899	.21090	.21221	.21152	-.00850	.51585	-.00110
27	Ag3280	.05288	.05363	.05268	-.00050	.49482	.00000
28	Mo2020	.20513	.20902	.20616	.00019	.49262	.00053
29	*Y	5489.7	5522.85	5544.67	5681.25	5734.42	5752.8
30	PB2203	.20614	.20570	.20517	-.00029	.50629	.00027
31	SE1960	.22127	.21836	.21707	.00131	.52116	.00159

#	Element	AD839625	AD839626	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD
1	Al3082	.83218	.01987	.04150	10.400	10.388	10.653
2	As1890	.01573	.00910	.00084	.21574	.21121	.20815
3	B_2496	.16402	.05583	.01250	.25741	.25694	.25852
4	Ba4934	.08639	.09709	.01945	.30415	.30289	.30710
5	Be3130	.00048	.00022	.00015	.20570	.20340	.20152
6	Ca3179	623.09	185.64	37.495	189.48	193.39	197.67
7	Cd2265	.00101	.00043	.00013	.20355	.20011	.19762
8	Co2286	.02334	.00165	.00021	.20265	.19394	.19129
9	Cr2677	.00667	.00075	.00037	.20315	.20272	.20110
10	Cu3247	.00506	.00101	.00077	.20109	.20354	.20283
11	Fe2714	24.996	13.658	2.7429	23.423	23.116	22.803
12	K_7664	24.101	4.6788	.88106	15.433	15.755	16.372
13	Mg2790	220.93	50.323	10.146	59.104	60.924	63.795
14	Mn2576	7.4717	3.7115	.75656	3.7813	3.8219	3.9096
15	Na3302	29.565	6.8009	1.5397	17.159	17.175	17.186
16	Ni2316	.02074	.00119	.00031	.20233	.20297	.20114
17	2203/1	.01201	.00280	.00229	.20137	.20194	.20356
18	2203/2	.01234	.00041	-.00099	.20372	.20186	.19818

#	Element	AD839625	AD839626	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD
19	Sb2068	.00020	-.00100	.00111	.20885	.20491	.20301
20	1960/1	.00990	.00888	.00374	.21780	.21436	.20638
21	1960/2	-.00021	-.00146	.00098	.20706	.20566	.20533
22	Ti3372	.03178	.00016	.00000	.20443	.20468	.20929
23	Tl1908	.00474	.00309	-.00081	.20591	.20266	.20372
24	V_2924	.00310	.00005	.00027	.20552	.20493	.20370
25	Zn2062	.14266	.00877	.00194	.20566	.21015	.20929
26	Sn1899	L-.09235	-.00237	-.00169	.20690	.20793	.20657
27	Ag3280	-.00104	-.00041	-.00048	.05132	.05290	.05221
28	Mo2020	.01374	.00148	.00045	.20401	.20743	.20369
29	*Y	5655.38	5653.65	5682.53	5694.9	5657.33	5676.15
30	PB2203	.01223	.00121	.00010	.20294	.20189	.19997
31	SE1960	.00315	.00198	.00190	.21064	.20856	.20568

#	Element	AD839629	AD839630	AD839631	AD839632	CCV	CCB
1	Al3082	.03565	.02410	4.7003	11.977	25.253	.01638
2	As1890	.01038	.00013	.00313	.00150	.49531	-.00073
3	B_2496	.13728	.00494	.01488	.02396	.49627	.00030
4	Ba4934	.05982	.00001	.15329	.05976	.50542	.00016
5	Be3130	.00012	-.00004	.00032	.00108	.50236	.00020
6	Ca3179	623.22	.12853	53.144	57.706	25.450	.02978
7	Cd2265	.00084	-.00002	.00016	.00085	.49941	.00039
8	Co2286	.01473	-.00013	.00462	.00244	.49347	.00004
9	Cr2677	.00163	.00041	.00760	.02964	.51385	.00036
10	Cu3247	.00121	.00069	.00193	.00543	.48248	.00073
11	Fe2714	25.294	.00802	7.5638	8.3107	24.992	.01698
12	K_7664	18.258	.00679	2.2584	2.2684	25.230	.02407
13	Mg2790	174.39	.02499	2.5687	1.9576	25.404	.02192
14	Mn2576	5.6075	.00107	.45340	.12802	.50536	.00031
15	Na3302	26.499	.12769	8.1747	9.8552	25.117	.10348
16	Ni2316	.01316	.00032	.00271	.00871	.50560	.00099
17	2203/1	.00436	.00336	.00345	.00740	.50374	.00118
18	2203/2	-.00090	-.00123	.00184	.00622	.50012	-.00045
19	Sb2068	.00042	.00157	-.00201	-.00298	.50940	-.00183
20	1960/1	.00909	.00701	.01055	.00699	.53093	.00333
21	1960/2	-.00166	-.00080	-.00022	-.00093	.51546	.00089
22	Ti3372	.00247	.00010	.06057	.12975	.51104	.00049
23	Tl1908	.00262	.00238	.00103	.00002	.50382	.00267
24	V_2924	.00088	.00021	.00592	.01747	.49533	.00087
25	Zn2062	.09482	.00806	.01000	.03837	.50409	-.00007
26	Sn1899	L-.08539	-.00110	-.00053	-.00129	.50990	.00070
27	Ag3280	-.00124	-.00001	.00002	-.00017	.49189	.00014
28	Mo2020	.00927	-.00130	.00135	.00149	.49137	.00122
29	*Y	5829.53	5799.38	5766.38	5755.35	5751.15	5706.08
30	PB2203	.00084	.00029	.00238	.00661	.50133	.00008
31	SE1960	.00191	.00180	.00336	.00170	.52061	.00170

#	Element	AD839633	AD839634	AD839635	AD839636	AD839637	AD839638
1	Al3082	.13051	.04010	.18368	.26352	.14289	.20528
2	As1890	.05981	.01398	.00079	.00002	-.00040	-.00064
3	B_2496	.11750	3.3150	.03642	.03337	.02753	.02723
4	Ba4934	.03980	.31470	.02166	.01908	.02342	.02388
5	Be3130	.00018	.00021	.00009	.00006	.00001	.00002
6	Ca3179	88.004	194.50	44.641	57.556	33.407	33.731
7	Cd2265	.00029	.00036	.00005	-.00004	-.00002	-.00007
8	Co2286	.00102	.00481	-.00026	-.00020	-.00059	.00011
9	Cr2677	.01540	.00647	.00093	.00064	.00054	.00105
10	Cu3247	.03087	.01505	.00488	.00299	.00224	.00340
11	Fe2714	2.2604	7.4214	.11769	.17466	.15248	.34219
12	K_7664	255.97	70.009	1.8517	1.8506	1.7320	1.7493
13	Mg2790	15.036	87.885	8.5597	8.7910	9.0836	9.1436
14	Mn2576	.52300	1.8156	.01356	.01330	.01389	.02179
15	Na3302	H578.54	H416.75	18.012	16.161	13.289	13.224
16	Ni2316	.01401	.01667	.00100	.00159	.00129	.00132
17	2203/1	.01005	.00300	.00540	.00352	.00471	.00331
18	2203/2	.00760	-.00060	-.00172	-.00049	-.00070	.00108
19	Sb2068	.00137	.00036	-.00004	.00040	-.00073	-.00189
20	1960/1	.01046	.00992	.00581	.00547	.00335	.00247
21	1960/2	.00572	-.00200	.00253	.00059	-.00220	.00045
22	Ti3372	.02843	.00113	.00132	.00161	.00193	.00276
23	Tl1908	.00230	.00120	.00152	.00229	-.00066	.00273
24	V_2924	.03193	.00206	.00086	.00108	.00053	.00107
25	Zn2062	.05450	.01824	.00880	.00666	.00130	.00196
26	Sn1899	L-.01417	L-.02580	-.00260	-.00226	-.00045	-.00225
27	Ag3280	-.00050	-.00072	-.00009	.00005	-.00019	-.00029
28	Mo2020	.00474	.00653	.00162	.00266	.00024	.00100
29	*Y	5664.98	5601.68	5702.78	5700.23	5727.6	5718.9
30	PB2203	.00842	.00059	.00064	.00084	.00110	.00182
31	SE1960	.00730	.00196	.00362	.00222	-.00035	.00112

#	Element	AD8'1:5)	AD8'8/PS	AD8'9/MD	AD8'0/MS	CCV	CCB
1	Al3082	.04228	10.599	.23113	10.091	25.510	.00061
2	As1890	.00035	.20755	.00093	.19758	.49533	-.00072
3	B_2496	.00625	.22966	.02662	.22114	.49956	.00069
4	Ba4934	.00492	.23286	.02274	.22165	.50782	.00002
5	Be3130	.00013	.20743	-.00012	.19753	.50568	-.00001
6	Ca3179	6.8126	43.253	32.188	41.873	25.654	.00694
7	Cd2265	-.00010	.20693	.00003	.19622	.50084	.00006
8	Co2286	-.00013	.20457	-.00030	.18792	.49752	-.00001
9	Cr2677	.00067	.20736	.00102	.19717	.52044	.00060
10	Cu3247	.00144	.20334	.00320	.19690	.48863	.00100
11	Fe2714	.07522	10.732	.33502	10.248	25.194	.01629
12	K_7664	.33823	12.539	1.6650	11.899	25.651	.00225
13	Mg2790	1.8587	19.336	8.7327	18.650	25.606	.00018
14	Mn2576	.00457	.22807	.02086	.21870	.50808	.00009
15	Na3302	2.8169	23.229	12.729	22.422	25.432	.14609
16	Ni2316	.00031	.20718	.00130	.19836	.51088	.00007
17	2203/1	.00309	.20575	.00390	.19897	.50694	.00360
18	2203/2	.00097	.20474	.00120	.19613	.51060	-.00149

#	Element	AD8'1:5)	AD8'8/PS	AD8'9/MD	AD8'0/MS	CCV	CCB
19	Sb2068	.00207	.20274	.00112	.19535	.51162	.00028
20	1960/1	.00654	.21634	.00573	.20897	.53254	.00162
21	1960/2	-.00082	.20979	-.00165	.19737	.52320	.00005
22	Ti3372	.00070	.20839	.00288	.19825	.51689	.00017
23	Tl1908	.00048	.20730	.00404	.19834	.50664	.00124
24	V_2924	.00044	.20761	.00115	.19778	.50051	.00054
25	Zn2062	.00056	.20951	.00213	.20347	.50780	.00030
26	Sn1899	-.00295	.20967	-.00252	.20426	.51473	-.00045
27	Ag3280	-.00014	.05135	.00001	.05024	.49775	.00024
28	Mo2020	.00020	.20559	.00081	.20105	.49600	.00028
29	*Y	5647.73	5757.6	5847.98	5706.6	5706.45	5711.03
30	PB2203	.00168	.20508	.00210	.19707	.50938	.00020
31	SE1960	.00162	.21197	.00081	.20123	.52631	.00057

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.10382	4.29342	21.1492	42.4151	50.811	19.114
2	As1890	-.029	1.05445	5.44947	10.8577	1.0099	.37280
3	B_2496	.00393	.37572	1.865	3.74826	1.0156	.38114
4	Ba4934	-.00034	.75075	3.77274	7.53503	1.0118	.38348
5	Be3130	.08966	1.37081	6.54418	12.8777	1.0022	.37879
6	Ca3179	.03259			34.3453	50.465	19.018
7	Cd2265	.00541	1.56033	7.72357	15.3171	.99902	.37674
8	Co2286	-.00533	.72491	3.66577	7.30078	1.0053	.37274
9	Cr2677	.00262	.58619	2.93263	5.82827	1.0057	.38824
10	Cu3247	.01704	.52884	2.5869	5.16541	1.0128	.36916
11	Fe2714	-.00104	.63403	3.18282	6.33414	50.239	18.769
12	K_7664	-.0693			155.802	50.619	19.053
13	Mg2790	.00139			18.3904	50.177	18.985
14	Mn2576	.00087	.36254	1.81444	3.61161	1.0059	.38119
15	Na3302	.00646			2.32863	50.784	18.913
16	Ni2316	-.0118	.5518	2.82244	5.60494	1.0040	.38264
17	2203/1	.02412	.47663	2.28441	4.52182	1.0046	.38094
18	2203/2	-.01782	2.56207	12.8463	25.5317	1.0025	.38009
19	Sb2068	.0013	.18969	.94349	1.8884	1.0146	.38112
20	1960/1	-.08275	.29707	1.7496	3.53605	.99114	.37943
21	1960/2	.03801	.51942	2.34175	4.6434	.99176	.38291
22	Ti3372	-.00166	1.10107	5.53461	11.0481	1.0083	.38844
23	Tl1908	-.02133	.29942	1.59729	3.24474	1.0163	.38492
24	V_2924	.00043	.08136	.4078	.81339	1.0096	.37539
25	Zn2062	.00139	.06966	.34215	.67379	.99391	.38098
26	Sn1899	.00043	.05421	.27137	.53838	1.0064	.38171
27	Ag3280	-.04343	.60365	3.21787	6.48834	1.0135	.37378
28	Mo2020	.00506	.2673	1.33637	2.68225	1.0129	.37606
29	*Y	5721.3	5727.6	5735.62	5719.88	5646.75	5684.62
30	PB2203					1.0032	.38038
31	SE1960					.99154	.38175

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.05409	.20914	502.39	507.07	25.478	.02019
2	As1890	-.00028	.01051	-.00319	.10018	.49952	-.00056
3	B_2496	-.00006	.02223	.00059	.01306	.50279	.00037
4	Ba4934	.00028	.00214	.00048	.51593	.50650	.00004
5	Be3130	.00030	.00213	.00082	.48819	.50234	.00009
6	Ca3179	.01300	.50444	483.86	487.60	25.251	.00755
7	Cd2265	.00028	.00121	Q.00389	.95470	.50042	.00007
8	Co2286	.00001	.00389	-.00005	.47312	.49452	-.00028
9	Cr2677	-.00011	.00423	-.00036	.50131	.51439	.00001
10	Cu3247	-.00010	.01020	.00468	.51030	.49432	.00000
11	Fe2714	.01446	.04978	190.52	96.495	24.888	.00826
12	K_7664	-.00784	.46945	-.07863	-.07296	25.692	-.03430
13	Mg2790	.00756	.20711	508.42	503.18	25.149	.00653
14	Mn2576	.00014	.00316	.00107	.47618	.50652	-.00002
15	Na3302	-.02424	.98374	-.07944	-.00700	25.296	-.05000
16	Ni2316	.00036	.01039	.00092	.92501	.50407	-.00026
17	2203/1	-.00114	.00290	-.10229	-.05475	.50462	.00048
18	2203/2	.00161	.00540	.05950	.10623	.50519	.00103
19	Sb2068	-.00157	.01901	-.00514	.61670	.50982	-.00047
20	1960/1	.00348	.01758	.00930	.05550	.51163	.00454
21	1960/2	.00462	.01841	.00220	.04975	.51416	.00490
22	Ti3372	.00025	.00502	.00143	.00290	.51781	.00010
23	Tl1908	.00082	.02053	.00308	.09263	.51077	.00027
24	V_2924	.00011	.00554	.00094	.49331	.49724	-.00032
25	Zn2062	.00283	.01113	.00076	.93305	.50324	.00038
26	Sn1899	-.00259	.00571	-.00085	.00208	.50083	-.00016
27	Ag3280	.00009	.00342	-.00067	.21271	.49854	.00012
28	Mo2020	.00021	.00956	-.00319	-.00386	.50275	-.00087
29	*Y	5708.48	5680.95	5463.3	5420.03	5680.58	5720.33
30	PB2203	.00069	.00457	.00562	.05262	.50500	.00085
31	SE1960	.00424	.01813	.00457	.05166	.51331	.00478

#	Element	AD8'4/PB	AD8'3/FB	AD839641	AD839642	AD8'7/PB	AD8'6/FB
1	Al3082	H.09313	10.536	.07194	.08474	.02214	10.454
2	As1890	-.00040	.20758	.00187	.00194	-.00133	.20728
3	B_2496	.00491	.21409	.02936	.07303	.00306	.21197
4	Ba4934	.00011	.21058	.01814	.13172	.00004	.20913
5	Be3130	.00008	.20756	.00022	.00022	.00009	.20650
6	Ca3179	.07104	10.541	77.909	75.267	.05081	10.482
7	Cd2265	.00011	.20900	.00015	-.00002	.00003	.21004
8	Co2286	.00006	.19969	.00044	.00056	-.00032	.19900
9	Cr2677	.00000	.20732	.00038	-.00004	-.00006	.20618
10	Cu3247	.00008	.20707	.01039	.00250	-.00015	.20618
11	Fe2714	.00825	10.406	2.8223	1.1528	-.00608	10.383
12	K_7664	-.01959	10.729	.83089	5.5130	-.03532	10.781
13	Mg2790	.01032	10.451	13.669	19.331	-.00364	10.428
14	Mn2576	.00033	.20888	.87273	.20531	.00026	.20828
15	Na3302	-.06898	10.567	92.752	24.242	.01264	10.535
16	Ni2316	.00008	.20903	.00022	.00493	-.00015	.20797
17	2203/1	-.00210	.20801	.00034	.00409	-.00079	.20875
18	2203/2	.00155	.20997	-.00001	.00248	.00086	.20904

#	Element	AD8'4/PB	AD8'3/FB	AD839641	AD839642	AD8'7/PB	AD8'6/FB
19	Sb2068	-.00275	.21084	.00072	.00011	-.00148	.20878
20	1960/1	.00489	.20962	.00931	.01114	.00554	.21301
21	1960/2	.00634	.21039	.00659	.00275	.00419	.20922
22	Ti3372	.00029	.20889	.00034	.00016	.00014	.20938
23	Tl1908	.00002	.21352	.00282	-.00122	.00104	.21521
24	V_2924	.00000	.20784	-.00026	.00031	-.00010	.20719
25	Zn2062	.00063	.21288	.00156	.02430	-.00002	.21595
26	Sn1899	-.00145	.21030	-.00203	-.00338	-.00080	.21140
27	Ag3280	.00051	.05382	-.00034	-.00067	.00008	.05294
28	Mo2020	-.00160	.21280	-.00029	.00400	-.00072	.21462
29	*Y	5733.15	5728.2	5657.1	5674.28	5769.83	5772.15
30	PB2203	.00033	.20931	.00010	.00301	.00031	.20894
31	SE1960	.00585	.21013	.00749	.00555	.00464	.21048

#	Element	AD839666	AD839667	AD839668	AD839669	CCV	CCB
1	Al3082	.07365	.08273	.07891	.09188	25.537	.02636
2	As1890	-.00162	-.00040	.00012	-.00004	.49973	-.00109
3	B_2496	.01416	.00835	.00701	.00702	.50617	.00123
4	Ba4934	.06604	.03292	.02049	.02371	.50807	.00010
5	Be3130	.00034	.00020	.00021	.00018	.50703	.00015
6	Ca3179	7.9747	2.8971	3.3385	2.1321	25.221	.01722
7	Cd2265	-.00007	.00016	-.00004	.00020	.50221	.00021
8	Co2286	.00279	.00179	.00099	.00038	.49698	.00010
9	Cr2677	.00105	.00005	.00050	.00053	.51620	.00024
10	Cu3247	.00014	.00406	.00394	.00475	.49775	.00037
11	Fe2714	.01864	.04848	.02818	.04688	24.927	.01515
12	K_7664	1.1680	.87672	.78614	.64914	26.140	-.02894
13	Mg2790	6.3789	2.2907	3.5131	2.0772	25.397	.01401
14	Mn2576	.01723	.03558	.02004	.01294	.51030	.00012
15	Na3302	5.7008	5.7627	9.7538	3.8284	25.509	.05658
16	Ni2316	.00408	.00430	.00654	.00414	.50447	.00006
17	2203/1	-.00008	-.00019	-.00102	.00016	.50815	-.00154
18	2203/2	.00159	.00039	.00044	-.00077	.50774	.00065
19	Sb2068	.00001	.00026	.00206	-.00011	.51166	-.00009
20	1960/1	.00130	.00789	.00599	.00503	.51098	.00450
21	1960/2	.00368	.00284	.00238	.00438	.51067	.00725
22	Ti3372	.00073	.00130	.00058	.00121	.51988	.00019
23	Tl1908	-.00077	.00053	.00151	.00080	.51215	.00202
24	V_2924	-.00011	.00010	.00031	-.00053	.49841	.00011
25	Zn2062	.00338	.01203	.00838	.00693	.50795	.00039
26	Sn1899	-.00353	-.00272	-.00208	-.00096	.49874	-.00210
27	Ag3280	.00017	.00021	.00015	-.00013	.50104	.00031
28	Mo2020	-.00154	-.00090	-.00126	-.00158	.50696	-.00017
29	*Y	5757.98	5782.35	5762.4	5713.65	5659.88	5694.3
30	PB2203	.00103	.00019	-.00004	-.00046	.50787	-.00007
31	SE1960	.00289	.00452	.00358	.00460	.51077	.00633

#	Element	AD839670	AD839671	AD839672	AD839673	AD839674	AD839675
1	Al3082	.03620	.03834	.01446	.39935	.02054	.03266
2	As1890	-.00136	-.00067	-.00187	-.00082	-.00237	-.00111
3	B_2496	.00648	.00710	.00767	.00611	.00643	.00634
4	Ba4934	.02352	.02680	.01158	.01720	.01333	.02541
5	Be3130	.00010	.00028	-.00005	.00010	.00001	.00012
6	Ca3179	2.1481	2.7906	3.2152	.86953	.88703	5.2790
7	Cd2265	-.00013	.00004	.00000	.00000	-.00003	.00011
8	Co2286	.00034	.00119	-.00005	.00081	.00064	.00007
9	Cr2677	.00020	.00025	-.00043	.00164	.00026	.00018
10	Cu3247	.00631	.00120	.00791	.00638	.00175	.00061
11	Fe2714	.00217	.00136	.00766	.33901	.00690	.01800
12	K_7664	.62190	.77507	.65745	.55102	.57851	.58999
13	Mg2790	2.0538	2.5477	3.5185	.99968	1.0927	3.9800
14	Mn2576	.01185	.00792	.00152	.01223	.00433	.01499
15	Na3302	3.6495	3.9385	5.1803	2.0356	2.2145	2.4617
16	Ni2316	.00306	.00768	.00423	.00372	.00321	.00311
17	2203/1	-.00155	-.00006	-.00173	.00029	-.00016	-.00088
18	2203/2	.00086	.00000	.00135	.00011	-.00076	-.00111
19	Sb2068	.00003	.00026	-.00149	-.00029	-.00055	.00096
20	1960/1	.00417	.00455	.00402	.00461	.00406	.00763
21	1960/2	.00661	.00492	.00611	-.00058	.00483	.00592
22	Ti3372	.00016	.00043	.00019	.01121	.00004	.00056
23	Tl1908	.00007	-.00347	-.00040	-.00001	.00144	.00060
24	V_2924	-.00011	.00011	-.00043	.00085	-.00010	-.00010
25	Zn2062	.00517	.00906	.01215	.00867	.00549	.00474
26	Sn1899	-.00160	-.00130	-.00257	-.00208	-.00080	-.00194
27	Ag3280	-.00004	.00011	.00015	-.00007	-.00029	.00023
28	Mo2020	-.00031	-.00132	-.00194	-.00015	-.00053	-.00132
29	*Y	5785.8	5675.62	5785.2	5689.58	5734.43	5698.8
30	PB2203	.00005	-.00001	.00032	.00017	-.00056	-.00104
31	SE1960	.00580	.00479	.00541	.00115	.00458	.00649

#	Element	AD8'1:5)	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV	CCB
1	Al3082	.00984	10.389	10.532	10.444	25.349	.03040
2	As1890	-.00072	.20646	.20692	.20630	.49842	-.00186
3	B_2496	.00123	.20999	.21412	.21237	.50500	-.00001
4	Ba4934	.00521	.23213	.23631	.23450	.50347	.00018
5	Be3130	.00004	.20543	.20764	.20769	.50635	.00023
6	Ca3179	1.0682	15.376	15.722	15.709	25.210	.01903
7	Cd2265	-.00003	.20686	.20731	.20764	.50242	.00017
8	Co2286	.00022	.20444	.19857	.19854	.49627	.00007
9	Cr2677	-.00005	.20465	.20667	.20628	.51381	.00009
10	Cu3247	.00049	.20240	.20825	.20751	.49349	.00047
11	Fe2714	.00411	10.270	10.361	10.337	24.825	.01032
12	K_7664	.08933	11.301	11.528	11.475	26.009	-.01270
13	Mg2790	.80155	14.181	14.468	14.458	25.359	.01730
14	Mn2576	.00305	.21980	.22303	.22271	.50962	.00014
15	Na3302	.53241	12.813	13.093	12.978	25.307	.07189
16	Ni2316	.00034	.20727	.21064	.21069	.50320	-.00020
17	2203/1	.00096	.20488	.20783	.20530	.51124	.00053
18	2203/2	-.00051	.20439	.20600	.20529	.50950	.00095

#	Element	AD8'1:5)	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV	CCB
19	Sb2068	-.00052	.20618	.20919	.20808	.51117	-.00041
20	1960/1	.00078	.21395	.20738	.20486	.51361	.00885
21	1960/2	.00312	.20720	.21030	.21283	.51066	.00445
22	Ti3372	.00026	.20588	.20910	.20849	.51684	.00035
23	Tl1908	.00213	.20765	.20983	.20823	.50877	.00134
24	V_2924	-.00010	.20462	.20664	.20645	.49510	.00022
25	Zn2062	.00038	.20834	.21642	.21501	.50864	.00064
26	Sn1899	-.00097	.20674	.20867	.20599	.50030	-.00031
27	Ag3280	-.00031	.05140	.05359	.05351	.49918	.00025
28	Mo2020	-.00140	.20584	.21453	.21374	.50471	.00011
29	*Y	5691.53	5763.38	5701.5	5721.67	5621.85	5703
30	PB2203	-.00002	.20455	.20661	.20529	.51008	.00081
31	SE1960	.00234	.20945	.20933	.21018	.51164	.00592

#	Element	AD839678	AD839679	AD839680	AD839681	AD839682	AD839683
1	Al3082	.30772	.21794	.07023	.02236	.02375	.01530
2	As1890	-.00203	-.00033	-.00230	.00068	-.00116	-.00008
3	B_2496	.00925	.01636	.01278	.24412	.00529	.00402
4	Ba4934	.00233	.14311	.06561	.09789	.00028	.00008
5	Be3130	.00010	.00076	.00029	.00020	.00002	.00005
6	Ca3179	2.5619	8.8459	7.8218	105.11	.30868	.06902
7	Cd2265	.00012	.00000	.00000	.00008	.00016	.00003
8	Co2286	.00029	.00786	.00288	.00021	-.00039	.00028
9	Cr2677	.00212	-.00012	.00025	-.00008	.00010	.00047
10	Cu3247	.00101	.00149	.00043	.00392	.00045	.00051
11	Fe2714	.38462	.00290	.01389	1.0594	-.00066	.15033
12	K_7664	.77060	1.6226	1.1516	4.5226	-.01283	-.02645
13	Mg2790	9.1642	6.8452	6.3373	39.831	.01998	.00582
14	Mn2576	.00706	.10470	.01707	.05463	.00026	.00053
15	Na3302	13.823	53.991	5.6411	87.026	.20302	.03204
16	Ni2316	.00722	.00829	.00395	-.00004	-.00069	-.00020
17	2203/1	.00212	-.00015	-.00216	-.00375	-.00094	-.00049
18	2203/2	.00040	.00058	.00074	-.00055	-.00077	.00025
19	Sb2068	-.00077	.00073	.00049	-.00042	.00026	-.00118
20	1960/1	.00740	.00295	.00548	.00102	.00611	.00436
21	1960/2	.00326	.00819	.00303	.00074	.00677	.00658
22	Ti3372	.00879	.00047	.00056	.00052	.00032	.00025
23	Tl1908	.00057	-.00038	.00152	.00371	-.00103	.00010
24	V_2924	.00042	-.00021	-.00043	-.00031	-.00021	-.00021
25	Zn2062	.01407	.00844	.00291	.00631	.00140	.00129
26	Sn1899	.00034	-.00242	-.00339	L-.01424	-.00129	-.00047
27	Ag3280	.00012	-.00011	-.00024	-.00009	-.00014	-.00007
28	Mo2020	-.00009	-.00110	-.00197	.02080	-.00183	-.00180
29	*Y	5692.88	5713.65	5712.9	5633.18	5731.35	5707.88
30	PB2203	.00098	.00033	-.00022	-.00162	-.00083	.00000
31	SE1960	.00464	.00645	.00384	.00084	.00655	.00584

#	Element	AD839684	AD839685	CCV	CCB	CRI	ICSA
1	Al3082	2.7994	.12901	25.569	.03894	.20779	502.91
2	As1890	.00484	.01249	.50092	.00107	.00990	-.00078
3	B_2496	.04611	.08639	.50756	.00032	.02077	-.00018
4	Ba4934	.06285	.02840	.50681	.00024	.00207	.00060
5	Be3130	.00031	.00020	.50815	.00021	.00211	.00091
6	Ca3179	138.61	160.25	25.589	.02193	.50237	488.37
7	Cd2265	.00022	.00012	.51149	.00021	.00123	Q.00374
8	Co2286	.00185	.00107	.50148	.00020	.00376	-.00013
9	Cr2677	.01086	.00049	.51982	-.00008	.00453	-.00033
10	Cu3247	.00622	.00147	.49567	-.00022	.00977	.00461
11	Fe2714	5.2422	2.5794	25.161	.01702	.05646	192.32
12	K_7664	3.2995	1.9722	25.736	.00147	.46888	-.08616
13	Mg2790	57.103	67.153	25.498	.02230	.20750	515.57
14	Mn2576	.28557	.14819	.51264	.00018	.00316	.00107
15	Na3302	20.300	64.433	25.412	.10705	1.1608	-.01528
16	Ni2316	.02671	.00205	.51262	-.00027	.01057	.00107
17	2203/1	.00156	-.00073	.51584	-.00105	.00487	-.09938
18	2203/2	.00274	.00085	.51026	-.00025	.00385	.05553
19	Sb2068	-.00195	-.00047	.52157	.00262	.02305	-.00352
20	1960/1	.00483	.00470	.52114	.00088	.02139	.00562
21	1960/2	.00539	.00473	.51289	.00378	.01458	-.00174
22	Ti3372	.04830	.00226	.52207	.00047	.00493	.00145
23	Tl1908	-.00016	-.00050	.51718	.00118	.02045	.00033
24	V_2924	.00679	.00008	.50168	.00009	.00531	.00033
25	Zn2062	.02724	.00173	.51256	.00096	.01138	.00001
26	Sn1899	-.00469	L-.01805	.50526	.00078	.00654	.00022
27	Ag3280	-.00030	-.00038	.50143	.00027	.00317	-.00109
28	Mo2020	.00343	.01556	.50733	-.00086	.00963	-.00544
29	*Y	5695.2	5663.55	5662.12	5831.62	5792.03	5467.88
30	PB2203	.00235	.00032	.51212	-.00051	.00419	.00394
31	SE1960	.00520	.00472	.51564	.00281	.01685	.00071

#	Element	ICSAB	CCV	CCB
1	Al3082	518.63	25.917	-.01914
2	As1890	.10039	.50423	-.00033
3	B_2496	.01228	.51284	-.00023
4	Ba4934	.53346	.52623	.00017
5	Be3130	.51620	.52609	-.00003
6	Ca3179	505.69	25.691	.01534
7	Cd2265	.98937	.49811	.00000
8	Co2286	.49112	.50696	-.00021
9	Cr2677	.52077	.53117	.00019
10	Cu3247	.52420	.50441	.00174
11	Fe2714	99.973	25.344	-.00300
12	K_7664	-.08651	Q27.875	-.01701
13	Mg2790	527.58	26.076	.00544
14	Mn2576	.50039	.52336	-.00004
15	Na3302	-.02847	25.635	.04914
16	Ni2316	.96099	.51718	.00009
17	2203/1	-.04694	.51503	.00051
18	2203/2	.10556	.51955	-.00005

#	Element	ICSAB	CCV	CCB
19	Sb2068	.63228	.50539	-.00070
20	1960/1	.04978	.50864	-.00046
21	1960/2	.05766	.51318	.00529
22	Ti3372	.00290	.52400	-.00005
23	Tl1908	.09997	.50201	-.00177
24	V_2924	.50745	.50609	-.00009
25	Zn2062	.98523	.52403	.00004
26	Sn1899	.00113	.50564	-.00229
27	Ag3280	.21843	.50974	-.00103
28	Mo2020	-.00606	.51926	-.00068
29	*Y	5282.48	5531.55	5598.6
30	PB2203	.05478	.51804	.00013
31	SE1960	.05503	.51166	.00337

Curvefit

Fit Status Summary 07/15/08 10:11:06 AM

page 1

Method: TRACE1

Mode: Concentration

Standards Table: NAKCAMG

Data File: 1FEB2908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
-----	-----	-----	-----	-----
Ca3179	317.933	02/29/08 10:43	Full Fit	.999983
K_7664	766.491	02/29/08 10:44	Full Fit	.999935
Mg2790	279.078	02/29/08 10:44	Full Fit	.999980
Na3302	330.232	02/29/08 10:44	Full Fit	.999993

02/29/08 10:18:19 AM

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Calibration Report

Method: TRACE1 Standard Name: STD BLK
 Run Time: 02/29/08 10:15:15
 Comment:
 Correction Factor: 1

Operator:

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	.0355453	-.244815	.0073542	.0150342
SDev	.0001242	.014620	.0000018	.0085478
%RSD	.3493653	5.971845	.0242627	56.85564

#1	.0356331	-.255153	.0073555	.0089900
#2	.0354575	-.234477	.0073529	.0210784

Factor	1.000000	1.000000	1.000000	1.000000
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	1	2	3	4	5	6	7
IntStd	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Mode	Y	--	--	--	--	--	--
Elem	371.030	--	--	--	--	--	--
Wavlen	6119	--	--	--	--	--	--
Avg	1.484648	--	--	--	--	--	--
SDev	.0242631	--	--	--	--	--	--
%RSD							
#1	6118	--	--	--	--	--	--
#2	6120	--	--	--	--	--	--

Calibration Report

02/29/08 10:22:12 AM

page 1

Method: TRACE1 Standard Name: STD 1
 Run Time: 02/29/08 10:19:09
 Comment:
 Correction Factor: 1

Operator:

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	5.089559	16.23073	2.883723	.2430277
SDev	.000761	.07108	.001266	.0036325
%RSD	.0149589	.4379460	.0438931	1.494694

#1	5.090097	16.28099	2.884619	.2455963
#2	5.089020	16.18047	2.882829	.2404591

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	5950	--	--	--	--	--	--
SDev	24.92551	--	--	--	--	--	--
%RSD	.4189074	--	--	--	--	--	--
#1	5932	--	--	--	--	--	--
#2	5968	--	--	--	--	--	--

alibration Report

02/29/08 10:27:15 AM

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ethod: TRACE1 Standard Name: STD 2
 un Time: 02/29/08 10:24:12
 omment:
 orrection Factor: 1

Operator:

Elem	Ca3179	K 7664	Mg2790	Na3302
Avg	25.68527	79.81636	14.83934	1.220836
SDev	.03784	.27918	.02082	.005805
%RSD	.1473130	.3497721	.1403201	.4755192

#1	25.65852	79.61895	14.82461	1.216731
#2	25.71203	80.01376	14.85406	1.224940

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	5891	--	--	--	--	--	--
SDev	7.742958	--	--	--	--	--	--
%RSD	.1314265	--	--	--	--	--	--
#1	5897	--	--	--	--	--	--
#2	5886	--	--	--	--	--	--

alibration Report

02/29/08 10:32:27 AM

page 1

ethod: TRACE1 Standard Name: STD 3
 un Time: 02/29/08 10:29:24
 omment:
 orrection Factor: 1

Operator:

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	50.78799	152.6110	29.40547	2.487446
SDev	.06733	.1542	.05182	.003751
%RSD	.1325703	.1010373	.1762110	.1507797

#1	50.83559	152.5020	29.44211	2.484794
#2	50.74038	152.7201	29.36883	2.490098

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	5654	--	--	--	--	--	--
SDev	20.47088	--	--	--	--	--	--
%RSD	.3620873	--	--	--	--	--	--
#1	5639	--	--	--	--	--	--
#2	5668	--	--	--	--	--	--

Calibration Report

02/29/08 10:37:39 AM

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Method: TRACE1 Standard Name: NAKCAMG100

Operator:

Run Time: 02/29/08 10:34:35

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	100.4797	289.8732	59.20093	5.170373
SDev	.0308	.0348	.05960	.009053
%RSD	.0306572	.0119928	.1006679	.1750900

#1	100.4579	289.8978	59.15879	5.176774
#2	100.5015	289.8486	59.24307	5.163972

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5628	--	--	--	--	--	--
SDev	18.87989	--	--	--	--	--	--
%RSD	.3354725	--	--	--	--	--	--

#1	5614	--	--	--	--	--	--
#2	5641	--	--	--	--	--	--

Calibration Report

02/29/08 10:43:11 AM

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Method: TRACE1 Standard Name: NAKCAMG400

Operator:

Run Time: 02/29/08 10:40:07

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	386.8998	1023.330	242.8871	24.76946
SDev	.2830	1.555	.3000	.03553
%RSD	.0731540	.1520010	.1235117	.1434379

#1	386.6997	1022.230	242.6749	24.74434
#2	387.0999	1024.429	243.0992	24.79458

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5488	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1816774	--	--	--	--	--	--
#1	5481	--	--	--	--	--	--
#2	5495	--	--	--	--	--	--

Method: TRACE1 Standard: STD BLK
Run Time: 07/16/08 20:28:37

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.11547	-.02857	.00291	.00034	.09101	.02771	.00410
SDev	.00113	.00516	.00291	.00024	.00023	.00032	.00386
%RSD	.98312	18.053	99.964	70.916	.25769	1.1469	94.129
#1	.11627	-.02493	.00085	.00017	.09117	.02749	.00683
#2	.11466	-.03222	.00497	.00051	.09084	.02794	.00137
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00445	.00094	.01009	-.00128	-.10804	.00137	.00051
SDev	.00023	.00084	.00003	.00036	.00671	.00072	.00000
%RSD	5.1657	89.832	.27397	28.021	6.2080	52.797	.27398
#1	-.00461	.00154	.01007	-.00154	-.10329	.00188	.00051
#2	-.00428	.00034	.01011	-.00103	-.11278	.00086	.00051
Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	-.00102	-.01360	.00993	-.00048	.00206	-.08571	.05751
SDev	.00242	.00129	.00487	.03568	.00533	.00580	.02459
%RSD	236.19	9.5112	49.007	7488.2	258.63	6.7658	42.760
#1	-.00273	-.01451	.00649	.02476	-.00171	-.08161	.04012
#2	.00069	-.01268	.01337	-.02571	.00583	-.08981	.07490
Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00299	-.02541	.00009	.00154	.00043	-.04302	.00274
SDev	.00398	.00406	.00012	.00025	.00061	.00242	.00048
%RSD	133.31	15.984	141.42	15.984	141.42	5.6307	17.408
#1	-.00580	-.02254	.00017	.00137	.00000	-.04473	.00307
#2	-.00017	-.02828	.00000	.00171	.00086	-.04131	.00240

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5846	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2739763	--	--	--	--	--	--
#1	5857	--	--	--	--	--	--
#2	5834	--	--	--	--	--	--

Method: TRACE1 Standard: STD 1
 Run Time: 07/16/08 20:34:08

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.3136	1.0455	.37629	.75143	1.3655	1.5600	.72377
SDev	.0067	.0206	.00169	.00028	.0051	.0038	.00388
%RSD	.15485	1.9678	.44902	.03705	.37076	.24146	.53589
#1	4.3089	1.0310	.37509	.75124	1.3619	1.5573	.72103
#2	4.3183	1.0601	.37748	.75163	1.3691	1.5626	.72651
Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.58331	.53112	.63173	.36193	.55229	.47227	2.5873
SDev	.00280	.00308	.00312	.00163	.00328	.00506	.0167
%RSD	.47980	.57933	.49452	.45033	.59294	1.0717	.64650
#1	.58133	.52894	.62952	.36078	.55461	.46869	2.5991
#2	.58529	.53329	.63394	.36308	.54998	.47585	2.5755
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.19352	.27476	.52168	1.1037	.30764	.08092	.06909
SDev	.00415	.02554	.01418	.0060	.00190	.00058	.00016
%RSD	2.1437	9.2955	2.7188	.53954	.61739	.72221	.23687
#1	.19645	.25670	.51165	1.0994	.30629	.08050	.06898
#2	.19059	.29282	.53171	1.1079	.30898	.08133	.06921
Elem	Sn1899	Ag3280	Mo2020				
Avge	.05184	.60765	.27191				
SDev	.00022	.00488	.00324				
%RSD	.41611	.80333	1.1904				
#1	.05169	.60420	.26962				
#2	.05199	.61111	.27420				

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5710	--	--	--	--	--	--
SDev	23.75886	--	--	--	--	--	--
%RSD	.4161103	--	--	--	--	--	--
#1	5727	--	--	--	--	--	--
#2	5693	--	--	--	--	--	--

Method: TRACE1 Standard: STD 2

Run Time: 07/16/08 20:39:11

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	21.194	5.4814	1.8991	3.7858	6.5743	7.7659	3.6790
SDev	.029	.0143	.0076	.0142	.0403	.0212	.0117
%RSD	.13663	.26127	.39753	.37394	.61358	.27292	.31751

#1	21.214	5.4915	1.9045	3.7958	6.6028	7.7809	3.6872
#2	21.173	5.4713	1.8938	3.7758	6.5458	7.7510	3.6707

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	2.9259	2.6138	3.1760	1.8260	2.8109	2.3054	12.885
SDev	.0039	.0117	.0025	.0091	.0015	.0096	.100
%RSD	.13380	.44893	.07777	.49987	.05241	.41678	.77501

#1	2.9287	2.6221	3.1778	1.8325	2.8098	2.3122	12.955
#2	2.9231	2.6055	3.1743	1.8196	2.8119	2.2986	12.814

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.94823	1.7131	2.3581	5.5631	1.5917	.40734	.34330
SDev	.00059	.0118	.0221	.0149	.0080	.00082	.00208
%RSD	.06255	.69001	.93791	.26801	.50548	.20108	.60438

#1	.94781	1.7047	2.3738	5.5736	1.5974	.40792	.34477
#2	.94865	1.7215	2.3425	5.5525	1.5860	.40676	.34184

Elem	Sn1899	Ag3280	Mo2020
Avge	.26939	3.2376	1.3662
SDev	.00078	.0124	.0033
%RSD	.29062	.38339	.24347

#1	.26994	3.2464	1.3639
#2	.26884	3.2288	1.3686

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5676	--	--	--	--	--	--
SDev	32.24414	--	--	--	--	--	--
%RSD	.5680935	--	--	--	--	--	--
#1	5653	--	--	--	--	--	--
#2	5699	--	--	--	--	--	--

Method: TRACE1 Standard: STD 3
 Run Time: 07/16/08 20:44:15

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	41.942	10.816	3.7451	7.4964	12.704	33.881	15.233
SDev	.074	.019	.0058	.0427	.027	.041	.032
%RSD	.17604	.17563	.15569	.56940	.21330	.11968	.20879
#1	41.890	10.803	3.7492	7.5266	12.723	33.852	15.256
#2	41.994	10.829	3.7410	7.4663	12.685	33.909	15.211
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.1879	5.7419	5.1013	6.2803	152.43	18.200	3.5816
SDev	.0032	.0061	.0126	.0151	1.90	.049	.0152
%RSD	.04429	.10564	.24617	.23979	1.2481	.26693	.42437
#1	7.1856	5.7376	5.0924	6.2909	151.08	18.234	3.5924
#2	7.1901	5.7462	5.1101	6.2696	153.77	18.165	3.5709
Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.3117	5.5540	4.4953	25.273	1.8855	3.5284	4.6161
SDev	.0038	.0059	.0132	.053	.0107	.0232	.0097
%RSD	.16294	.10556	.29367	.20950	.56611	.65889	.21086
#1	2.3090	5.5498	4.5047	25.235	1.8930	3.5449	4.6092
#2	2.3143	5.5581	4.4860	25.310	1.8779	3.5120	4.6230
Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	10.897	3.2395	.80403	.66162	.53648	6.4109	2.6569
SDev	.024	.0052	.00056	.00095	.00281	.0140	.0040
%RSD	.21788	.15899	.06916	.14416	.52282	.21807	.15070
#1	10.880	3.2358	.80364	.66095	.53847	6.4010	2.6597
#2	10.913	3.2431	.80443	.66230	.53450	6.4207	2.6540

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5790	--	--	--	--	--	--
SDev	1.272654	--	--	--	--	--	--
%RSD	.0219819	--	--	--	--	--	--
#1	5789	--	--	--	--	--	--
#2	5790	--	--	--	--	--	--

Standardization

Report

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Method: TRACE1

Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.19143	-.137584	07/16/08 08:44:15
As1890	189.042	Multiple	Standards	.092007	.002638	07/16/08 08:44:15
B_2496	249.678	Multiple	Standards	.266434	-.000772	07/16/08 08:44:15
Ba4934	493.409	Multiple	Standards	.132929	-.000044	07/16/08 08:44:15
Be3130	313.042	Multiple	Standards	.078374	-.007132	07/16/08 08:44:15
Ca3179	317.933	STD 3	STD BLK	1.49921	-.006002	07/16/08 08:44:15
Cd2265	226.502	Multiple	Standards	.065067	-.000274	07/16/08 08:44:15
Co2286	228.616	Multiple	Standards	.137589	.000611	07/16/08 08:44:15
Cr2677	267.716	Multiple	Standards	.172344	-.000166	07/16/08 08:44:15
Cu3247	324.753	Multiple	Standards	.193022	-.001956	07/16/08 08:44:15
Fe2714	271.441	Multiple	Standards	7.91017	.010062	07/16/08 08:44:15
K_7664	766.491	STD 3	STD BLK	1.00211	-.136550	07/16/08 08:44:15
Mg2790	279.078	STD 3	STD BLK	1.61542	.005145	07/16/08 08:44:15
Mn2576	257.610	Multiple	Standards	.276210	-.000142	07/16/08 08:44:15
Na3302	330.232	STD 3	STD BLK	1.06906	.016128	07/16/08 08:44:15
Ni2316	231.604	Multiple	Standards	.177602	.002409	07/16/08 08:44:15
2203/1	220.351	Multiple	Standards	.226238	-.002258	07/16/08 08:44:15
2203/2	220.352	Multiple	Standards	.038405	.000010	07/16/08 08:44:15
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.528870	-.001098	07/16/08 08:44:15
1960/1	196.021	Multiple	Standards	.277711	.023803	07/16/08 08:44:15
1960/2	196.022	Multiple	Standards	.215070	-.012377	07/16/08 08:44:15
Ti3372	337.280	Multiple	Standards	.090649	.000267	07/16/08 08:44:15
Tl1908	190.864	Multiple	Standards	.303201	.007691	07/16/08 08:44:15
V_2924	292.402	Multiple	Standards	1.23705	-.000106	07/16/08 08:44:15
Zn2062	206.200	Multiple	Standards	1.48238	-.002287	07/16/08 08:44:15
Sn1899	189.989	Multiple	Standards	1.88513	-.000784	07/16/08 08:44:15
Ag3280	328.068	Multiple	Standards	.153592	.006607	07/16/08 08:44:15
Mo2020	202.030	Multiple	Standards	.371716	-.001019	07/16/08 08:44:15

Standardization

Readback Report

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Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	-.000013	.000013
		STD 1	5.00000	5.00177	-.001769
		STD 2	25.0000	25.1135	-.113476
		STD 3	50.0000	49.8333	.166710

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.098835	.001165
		STD 2	.500000	.506968	-.006968
		STD 3	1.00000	.997783	.002217

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099485	.000515
		STD 2	.500000	.505219	-.005219
		STD 3	1.00000	.997055	.002945

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099843	.000157
		STD 2	.500000	.503202	-.003202
		STD 3	1.00000	.996453	.003547

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099886	.000114
		STD 2	.500000	.508120	-.008120
		STD 3	1.00000	.988504	.011496

CorCoef: 0.99989

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.035545	.027713	.007832
		STD 3	50.7880	33.8806	16.9074

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.101228	-.001228
		STD 2	.500000	.505031	-.005031
		STD 3	1.00000	.990892	.009108

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100193	-.000193
		STD 2	.500000	.506793	-.006793
		STD 3	1.00000	.989580	.010420

CorCoef: 0.99992

Standardization

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100364	-.000364
		STD 2	.500000	.504100	-.004100
		STD 3	1.000000	.989418	.010582

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.100561	-.000561
		STD 2	.500000	.502571	-.002571
		STD 3	1.000000	.982701	.017299

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000083	.000083
		STD 1	5.000000	5.00718	-.007178
		STD 2	25.000000	25.1328	-.132818
		STD 3	50.000000	49.6882	.311832

CorCoef: 0.99998

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.244815	-.108037	-.136778
		STD 3	152.611	152.426	.185318

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.007354	.001368	.005987
		STD 3	29.4055	18.1998	11.2057

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.099826	.000174
		STD 2	.500000	.504219	-.004219
		STD 3	1.000000	.989138	.010862

CorCoef: 0.99995

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.015034	-.001023	.016057
		STD 3	2.48745	2.31166	.175781

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100497	-.000497
		STD 2	.500000	.501621	-.001621
		STD 3	1.000000	.988803	.011197

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.104588	-.004588
		STD 2	.500000	.519313	-.019313
		STD 3	1.000000	1.01476	-.014760

CorCoef: 0.99993

Standardization

Readback Report

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.099374	.000626
		STD 2	.500000	.494838	.005162
		STD 3	1.000000	.970610	.029390

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.101249	-.001249
		STD 2	.500000	.500391	-.000391
		STD 3	1.000000	.996070	.003930

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.100107	-.000107
		STD 2	.500000	.499550	.000450
		STD 3	1.000000	1.00369	-.003686

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.099821	.000179
		STD 2	.500000	.494785	.005215
		STD 3	1.000000	.980403	.019597

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100312	-.000312
		STD 2	.500000	.504554	-.004554
		STD 3	1.000000	.988024	.011976

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000013	.000013
		STD 1	.100000	.100966	-.000966
		STD 2	.500000	.490288	.009712
		STD 3	1.000000	.989896	.010104

CorCoef: 0.99998

Standardization

Readback Report

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.099991	.000009
		STD 2	.500000	.503799	-.003799
		STD 3	1.000000	.994530	.005470

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100134	-.000134
		STD 2	.500000	.506618	-.006618
		STD 3	1.000000	.978491	.021509

CorCoef: 0.99983

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000024	-.000024
		STD 1	.100000	.096945	.003055
		STD 2	.500000	.507050	-.007050
		STD 3	1.000000	1.01056	-.010559

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.099937	.000063
		STD 2	.500000	.503877	-.003877
		STD 3	1.000000	.991261	.008739

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100054	-.000054
		STD 2	.500000	.506826	-.006826
		STD 3	1.000000	.986578	.013422

CorCoef: 0.99988

Analysis Report

Blank Sample

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Method: TRACE1 Sample Name: STD 3 VER

Operator: TWS

Run Time: 07/16/08 20:49:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.547	1.0207	1.0132	1.0150	1.0084	51.235	1.0123
SDev	.063	.0028	.0039	.0019	.0021	.083	.0031
%RSD	.12495	.27526	.38153	.18266	.20629	.16274	.30857
#1	50.502	1.0227	1.0105	1.0137	1.0069	51.176	1.0101
#2	50.591	1.0188	1.0159	1.0163	1.0099	51.294	1.0145
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0095	1.0086	.99692	50.882	50.167	50.880	1.0130
SDev	.0022	.0018	.00005	.070	.001	.097	.0023
%RSD	.21621	.17834	.00489	.13854	.00185	.19150	.22273
#1	1.0080	1.0074	.99696	50.832	50.167	50.811	1.0114
#2	1.0111	1.0099	.99689	50.932	50.166	50.949	1.0146
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.814	1.0123	1.0012	1.0051	1.0038	1.0159	1.0158
SDev	.035	.0005	.0062	.0047	.0052	.0116	.0019
%RSD	.06910	.05312	.61854	.46685	.51723	1.1450	.18856
#1	50.789	1.0119	.99679	1.0017	1.0001	1.0077	1.0172
#2	50.839	1.0126	1.0056	1.0084	1.0074	1.0242	1.0145
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0242	1.0118	1.0046	1.0233	1.0132	1.0067	1.0346
SDev	.0063	.0143	.0020	.0038	.0006	.0004	.0047
%RSD	.61722	1.4122	.19965	.37281	.06187	.03629	.45444
#1	1.0198	1.0017	1.0032	1.0259	1.0127	1.0064	1.0313
#2	1.0287	1.0219	1.0061	1.0206	1.0136	1.0069	1.0380
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	1.0048	1.0053
SDev	.0019	.0042
%RSD	.19225	.41631

#1	1.0034	1.0024
#2	1.0062	1.0083

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5699	--	--	--	--	--	--
SDev	15.59157	--	--	--	--	--	--
%RSD	.2735975	--	--	--	--	--	--
#1	5710	--	--	--	--	--	--
#2	5688	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE1 Sample Name: ICV
 Run Time: 07/16/08 20:55:16
 Comment:
 Mode: CONC Corr. Factor: 1

Operator: TWS

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.016	.37677	.38116	.38651	.37921	19.158	.38061
SDev	.025	.00157	.00109	.00006	.00035	.040	.00026
%RSD	.13117	.41729	.28688	.01509	.09178	.20650	.06966
#1	18.998	.37788	.38038	.38655	.37896	19.130	.38042
#2	19.034	.37566	.38193	.38647	.37946	19.186	.38079
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37140	.38739	.36480	18.885	18.984	19.178	.38326
SDev	.00003	.00018	.00059	.022	.021	.030	.00045
%RSD	.00795	.04729	.16107	.11723	.10817	.15686	.11732
#1	.37138	.38726	.36438	18.869	18.969	19.157	.38294
#2	.37142	.38752	.36522	18.900	18.998	19.200	.38358
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.014	.38140	.38051	.37963	.37992	.39279	.38544
SDev	.005	.00022	.00245	.00146	.00179	.00623	.00139
%RSD	.02848	.05711	.64340	.38406	.47055	1.5871	.35957
#1	19.017	.38125	.37878	.37860	.37866	.38838	.38642
#2	19.010	.38156	.38224	.38066	.38118	Q.39719	.38446
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40077	.38880	.38586	.38898	.37471	.38322	.38842
SDev	.00413	.00729	.00052	.00666	.00028	.00107	.00178
%RSD	1.0303	1.8740	.13537	1.7128	.07454	.27866	.45731
#1	.39785	.38365	.38549	.38427	.37451	.38246	.38716
#2	.40369	.39395	.38623	.39369	.37491	.38397	.38967
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.37004	.37364
SDev	.00036	.00196
%RSD	.09865	.52373

#1	.36978	.37225
#2	.37030	.37502

Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5734	--	--	--	--	--	--
SDev	15.90990	--	--	--	--	--	--
%RSD	.2774781	--	--	--	--	--	--
#1	5745	--	--	--	--	--	--
#2	5722	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE1 Sample Name: ICB

Operator: TWS

Run Time: 07/16/08 21:00:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04859	-.00020	.00147	.00030	.00026	.01667	.00033
SDev	.00646	.00115	.00058	.00013	.00017	.00748	.00024
%RSD	13.299	574.49	39.560	43.297	64.792	44.902	72.248
#1	.05316	-.00101	.00188	.00039	.00038	.02196	.00050
#2	.04402	.00061	.00106	.00021	.00014	.01138	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00040	.00057	.00060	.01549	.02375	.01183	.00040
SDev	.00003	.00008	.00000	.00192	.01822	.00787	.00003
%RSD	8.2766	14.649	.09828	12.396	76.701	66.564	8.2529
#1	.00042	.00052	.00060	.01685	.03664	.01740	.00043
#2	.00037	.00063	.00060	.01414	.01087	.00626	.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15274	-.00008	.00391	.00011	.00138	.00432	-.00105
SDev	.01487	.00011	.00025	.00012	.00016	.00185	.00057
%RSD	9.7375	137.33	6.4792	106.32	11.722	42.914	54.624
#1	.16326	-.00015	.00373	.00003	.00126	.00563	-.00064
#2	.14223	-.00000	.00409	.00019	.00149	.00301	-.00145
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00803	.00246	.00035	.00363	.00064	.00230	-.00030
SDev	.00023	.00290	.00010	.00251	.00015	.00072	.00069
%RSD	2.8836	117.53	28.060	69.069	23.331	31.308	231.20
#1	.00787	.00451	.00042	.00540	.00074	.00281	.00019
#2	.00819	.00042	.00028	.00186	.00053	.00179	-.00078
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00031	.00131
SDev	.00032	.00077
%RSD	101.04	58.607

#1	.00009	.00077
#2	.00054	.00186

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5820	--	--	--	--	--	--
SDev	1.696987	--	--	--	--	--	--
%RSD	.0291601	--	--	--	--	--	--
#1	5821	--	--	--	--	--	--
#2	5818	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE1 Sample Name: CRI

Operator: TWS

Run Time: 07/16/08 21:06:15

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19858	.00862	.02179	.00212	.00201	.50689	.00116
SDev	.00258	.00092	.00098	.00008	.00011	.00217	.00006
%RSD	1.2982	10.631	4.5182	3.8207	5.3597	.42880	5.4095
#1	.20041	.00797	.02109	.00217	.00208	.50843	.00120
#2	.19676	.00927	.02248	.00206	.00193	.50535	.00112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00380	.00454	.01043	.05176	.47029	.21212	.00336
SDev	.00051	.00014	.00027	.00573	.02262	.00285	.00003
%RSD	13.462	3.1532	2.6216	11.072	4.8088	1.3418	1.0337
#1	.00344	.00444	.01024	.05581	.45430	.21413	.00339
#2	.00416	.00464	.01062	.04771	.48629	.21011	.00334
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1153	.01010	.00725	.00429	.00528	.01783	.01929
SDev	.0647	.00024	.00098	.00004	.00035	.00054	.00088
%RSD	5.8033	2.3531	13.554	.91923	6.6964	3.0066	4.5529
#1	1.0695	.01027	.00794	.00432	.00553	.01745	.01867
#2	1.1610	.00993	.00655	.00427	.00503	.01820	.01991
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02640	.01354	.00500	.02353	.00527	.01096	.00612
SDev	.00401	.00281	.00010	.00245	.00015	.00018	.00022
%RSD	15.199	20.754	1.9257	10.419	2.7775	1.6784	3.6587
#1	.02924	.01155	.00493	.02526	.00517	.01109	.00596
#2	.02356	.01553	.00506	.02180	.00537	.01083	.00628
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00279	.00963
SDev	.00041	.00032
%RSD	14.611	3.3011

#1	.00250	.00986
#2	.00308	.00941

Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5875	--	--	--	--	--	--
SDev	2.439656	--	--	--	--	--	--
%RSD	.0415262	--	--	--	--	--	--
#1	5873	--	--	--	--	--	--
#2	5877	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE1 Sample Name: ICESA

Operator: TWS

Run Time: 07/16/08 21:11:45

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	496.72	.00072	.00074	.00057	.00078	485.97	.00282
SDev	.75	.00210	.00106	.00003	.00003	.94	.00059
%RSD	.15188	290.24	143.01	4.8031	3.6807	.19332	20.881
#1	497.26	.00221	.00149	.00058	.00080	486.63	.00240
#2	496.19	-.00076	-.00001	.00055	.00076	485.30	Q.00323
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00009	.00491	191.00	-.03565	511.20	.00111
SDev	.00102	.00029	.00049	.23	.00163	1.24	.00002
%RSD	663.04	335.34	10.024	.11975	4.5644	.24258	1.8528
#1	.00087	-.00012	.00456	191.16	-.03450	512.07	.00110
#2	-.00057	.00029	.00525	190.84	-.03680	510.32	.00112
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15453	.00156	-.09951	.05657	.00460	-.00364	-.00039
SDev	.08191	.00003	.00176	.00156	.00045	.00542	.00380
%RSD	53.008	1.7278	1.7651	2.7497	9.8472	148.96	969.45
#1	.21245	.00154	-.09827	.05547	.00428	.00019	-.00308
#2	.09661	.00158	-.10076	.05767	.00492	-.00747	.00229
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00465	-.00779	.00155	.00499	.00129	.00017	.00224
SDev	.01199	.00214	.00015	.00455	.00045	.00077	.00049
%RSD	257.66	27.431	9.9135	91.104	34.661	450.80	21.801
#1	.01313	-.00628	.00144	.00821	.00097	-.00037	.00189
#2	-.00383	-.00930	.00166	.00178	.00160	.00071	.00258
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00056	-.00665
SDev	.00029	.00016
%RSD	51.102	2.4383

#1	-.00077	-.00654
#2	-.00036	-.00677

Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5566	--	--	--	--	--	--
SDev	31.50147	--	--	--	--	--	--
%RSD	.5659192	--	--	--	--	--	--
#1	5544	--	--	--	--	--	--
#2	5589	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE1 Sample Name: ICSAB

Operator: TWS

Run Time: 07/16/08 21:17:14

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	509.07	.09846	.01225	.52248	.49398	497.64	.97068
SDev	.81	.00373	.00071	.00317	.00178	.25	.00647
%RSD	.15930	3.7887	5.8134	.60735	.35981	.05074	.66639
#1	508.49	.10110	.01175	.52473	.49524	497.82	.97525
#2	509.64	.09583	.01276	.52024	.49272	497.46	.96610
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47743	.50813	.50648	98.262	-.04798	513.12	.48214
SDev	.00167	.00041	.00174	.332	.01508	1.92	.00250
%RSD	.35040	.08009	.34276	.33758	31.430	.37351	.51859
#1	.47861	.50784	.50525	98.497	-.03731	514.48	.48391
#2	.47624	.50842	.50771	98.028	-.05864	511.77	.48038
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00214	.93646	-.05117	.10605	.05369	.04949	.63585
SDev	.07302	.00086	.00314	.00123	.00187	.00283	.00400
%RSD	3416.1	.09153	6.1386	1.1643	3.4818	5.7181	.62947
#1	-.05377	.93707	-.04895	.10692	.05502	.04749	.63302
#2	.04950	.93586	-.05339	.10517	.05237	.05149	.63868
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05259	.04794	.00287	.10291	.49852	.94687	-.00040
SDev	.00177	.00336	.00041	.00045	.00067	.00476	.00412
%RSD	3.3664	7.0079	14.144	.44165	.13494	.50318	1037.3
#1	.05134	.04556	.00258	.10259	.49900	.95024	.00251
#2	.05384	.05031	.00316	.10323	.49805	.94350	-.00331
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.21200	-.00449
SDev	.00059	.00119
%RSD	.27580	26.554

#1	.21159	-.00365
#2	.21241	-.00534

Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5516	--	--	--	--	--	--
SDev	2.227317	--	--	--	--	--	--
%RSD	.0403757	--	--	--	--	--	--
#1	5515	--	--	--	--	--	--
#2	5518	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/16/08 21:25:41

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.242	.49622	.49664	.50261	.50202	25.625	.50229
SDev	.013	.00014	.00162	.00023	.00062	.003	.00097
%RSD	.05320	.02768	.32577	.04558	.12406	.01331	.19293
#1	25.252	.49612	.49550	.50245	.50158	25.623	.50160
#2	25.233	.49632	.49779	.50277	.50246	25.627	.50297
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49419	.51581	.48361	25.036	25.414	25.393	.50612
SDev	.00085	.00126	.00110	.025	.082	.012	.00077
%RSD	.17142	.24389	.22674	.10176	.32447	.04703	.15214
#1	.49359	.51492	.48283	25.018	25.356	25.401	.50558
#2	.49479	.51670	.48438	25.054	25.473	25.384	.50666
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.195	.50856	.50645	.50293	.50410	.51918	.50618
SDev	.139	.00129	.00045	.00549	.00351	.00069	.00849
%RSD	.55109	.25318	.08923	1.0926	.69723	.13394	1.6769
#1	25.097	.50765	.50677	.49905	.50162	.51967	.50018
#2	25.293	.50947	.50613	.50682	.50659	.51869	.51219
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52995	.51381	.51259	.50986	.49748	.50626	.50932
SDev	.00698	.00245	.00137	.00127	.00092	.00089	.00063
%RSD	1.3177	.47653	.26683	.24951	.18466	.17511	.12294
#1	.53488	.51208	.51163	.50896	.49683	.50564	.50887
#2	.52501	.51554	.51356	.51076	.49813	.50689	.50976
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.49247	.49416
SDev	.00186	.00553
%RSD	.37751	1.1194

#1	.49115	.49025
#2	.49378	.49807

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5824	--	--	--	--	--	--
SDev	1.908981	--	--	--	--	--	--
%RSD	.0327750	--	--	--	--	--	--
#1	5826	--	--	--	--	--	--
#2	5823	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/16/08 21:31:11

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00647	-.00108	.00056	.00000	-.00001	.01798	.00018
SDev	.00358	.00058	.00078	.00003	.00005	.00279	.00006
%RSD	55.332	53.550	139.74	2423.6	403.26	15.510	33.282
#1	.00394	-.00067	.00112	-.00002	.00002	.01601	.00014
#2	.00900	-.00149	.00001	.00002	-.00005	.01996	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00059	.00101	.01210	.01302	.01113	.00012
SDev	.00019	.00040	.00006	.00096	.01240	.00330	.00003
%RSD	656.88	67.894	5.9759	7.9068	95.255	29.634	29.122
#1	-.00010	.00088	.00105	.01142	.02179	.01347	.00014
#2	.00016	.00031	.00096	.01278	.00425	.00880	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15943	.00079	.00388	-.00124	.00046	.00326	.00008
SDev	.08419	.00068	.00033	.00034	.00034	.00078	.00064
%RSD	52.809	87.037	8.5008	27.737	73.119	23.933	775.33
#1	.21897	.00127	.00365	-.00148	.00022	.00381	.00054
#2	.09990	.00030	.00411	-.00100	.00070	.00271	-.00037
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00536	.00221	.00028	.00199	.00064	.00014	-.00013
SDev	.00300	.00033	.00007	.00209	.00015	.00019	.00092
%RSD	56.012	14.854	23.442	105.19	23.984	135.73	702.63
#1	.00748	.00198	.00024	.00051	.00075	.00028	.00052
#2	.00323	.00245	.00033	.00347	.00053	.00001	-.00078
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00025	.00010
SDev	.00033	.00040
%RSD	130.31	399.34

#1	.00002	-.00018
#2	.00048	.00039

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5801	--	--	--	--	--	--
SDev	25.45585	--	--	--	--	--	--
%RSD	.4388107	--	--	--	--	--	--
#1	5783	--	--	--	--	--	--
#2	5819	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839370 Operator: TWS
 Run Time: 07/16/08 21:36:42
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09693	.01085	.02716	.11668	.00011	147.33	.00024
SDev	.00310	.00100	.00055	.00010	.00003	.24	.00001
%RSD	3.2015	9.2197	2.0390	.08527	25.167	.16016	4.9155
#1	.09473	.01014	.02677	.11675	.00012	147.50	.00024
#2	.09912	.01155	.02756	.11661	.00009	147.16	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00284	.00114	.00156	3.2768	2.6231	47.323	2.7685
SDev	.00001	.00017	.00003	.0085	.0103	.094	.0044
%RSD	.29080	15.266	2.2685	.25931	.39175	.19879	.15783
#1	.00284	.00127	.00159	3.2708	2.6303	47.389	2.7715
#2	.00283	.00102	.00154	3.2828	2.6158	47.256	2.7654
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.8199	.00241	.00169	-.00073	.00007	-.00157	-.00113
SDev	.1607	.00098	.00071	.00011	.00031	.00185	.00007
%RSD	1.8224	40.676	42.171	14.562	414.09	118.24	6.2701
#1	8.9336	.00311	.00220	-.00066	.00029	-.00288	-.00108
#2	8.7062	.00172	.00119	-.00081	-.00014	-.00026	-.00118
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00431	-.00451	.00029	.00167	.00080	.01719	-.00281
SDev	.00171	.00193	.00020	.00288	.00016	.00080	.00161
%RSD	39.598	42.785	69.112	172.44	19.605	4.6567	57.398
#1	.00310	-.00587	.00043	.00370	.00091	.01776	-.00167
#2	.00552	-.00314	.00015	-.00037	.00069	.01663	-.00395
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00025	.00210
SDev	.00020	.00074
%RSD	83.170	35.347

#1	.00039	.00262
#2	.00010	.00157

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5752	--	--	--	--	--	--
SDev	21.00121	--	--	--	--	--	--
%RSD	.3650987	--	--	--	--	--	--
#1	5737	--	--	--	--	--	--
#2	5767	--	--	--	--	--	--

Analysis Report

07/16/08 09:47:38 PM

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Method: TRACE1 Sample Name: AD839371 Operator: TWS
 Run Time: 07/16/08 21:42:12
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01715	.00010	.02208	.12656	.00004	99.999	.00014
SDev	.00330	.00011	.00015	.00040	.00002	.132	.00015
%RSD	19.233	101.95	.67489	.31398	43.193	.13227	110.55
#1	.01481	.00003	.02219	.12684	.00005	100.09	.00003
#2	.01948	.00018	.02198	.12628	.00003	99.906	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00067	.00013	.00052	1.2159	.94835	32.888	.07655
SDev	.00002	.00025	.00003	.0041	.00901	.077	.00010
%RSD	2.9322	195.86	5.5849	.33519	.95017	.23274	.12922
#1	-.00069	-.00005	.00054	1.2130	.94198	32.942	.07648
#2	-.00066	.00031	.00050	1.2188	.95473	32.834	.07662
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.5408	.00022	.00384	-.00064	.00085	.00343	.00040
SDev	.0731	.00004	.00195	.00010	.00071	.00292	.00084
%RSD	1.3196	17.018	50.722	14.964	83.972	85.238	209.41
#1	5.5925	.00025	.00246	-.00071	.00035	.00136	-.00019
#2	5.4891	.00020	.00522	-.00058	.00135	.00550	.00099
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00477	.00276	.00007	.00377	.00019	-.00045	-.00450
SDev	.00358	.00260	.00007	.00155	.00015	.00000	.00162
%RSD	74.987	94.089	91.114	41.120	78.904	.93829	36.069
#1	.00224	.00092	.00003	.00486	.00030	-.00045	-.00565
#2	.00730	.00460	.00012	.00267	.00009	-.00046	-.00335
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00048	.00213
SDev	.00043	.00031
%RSD	89.465	14.615

#1	-.00078	.00191
#2	-.00018	.00235

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5779	--	--	--	--	--	--
SDev	12.93992	--	--	--	--	--	--
%RSD	.2239050	--	--	--	--	--	--
#1	5770	--	--	--	--	--	--
#2	5788	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839372 Operator: TWS
 Run Time: 07/16/08 21:47:42
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01590	-.00032	.03266	.33896	-.00007	91.623	.00011
SDev	.00186	.00091	.00084	.00040	.00000	.322	.00021
%RSD	11.685	286.81	2.5700	.11660	6.3975	.35187	189.50
#1	.01721	-.00097	.03326	.33868	-.00006	91.395	-.00004
#2	.01458	.00033	.03207	.33924	-.00007	91.851	.00026
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00086	.00137	.00012	.79467	37.986	1.1165
SDev	.00009	.00032	.00002	.00770	.00087	.069	.0013
%RSD	50.156	36.828	1.1715	6623.3	.10999	.18133	.11573
#1	.00023	.00064	.00138	-.00533	.79405	37.937	1.1156
#2	.00011	.00109	.00136	.00556	.79528	38.035	1.1175
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.1513	.01134	.00202	.00052	.00102	.00331	-.00004
SDev	.0762	.00006	.00114	.00195	.00168	.00234	.00393
%RSD	1.2382	.54220	56.611	375.43	165.12	70.561	10442.
#1	6.0975	.01130	.00121	-.00086	-.00017	.00497	-.00282
#2	6.2052	.01139	.00282	.00190	.00221	.00166	.00274
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00974	.00010	.00019	.00079	.00044	.00105	-.00257
SDev	.00067	.00317	.00007	.00402	.00015	.00037	.00207
%RSD	6.9072	3136.4	34.260	509.69	34.730	34.945	80.407
#1	.01022	.00234	.00024	-.00205	.00033	.00079	-.00403
#2	.00927	-.00214	.00015	.00363	.00054	.00132	-.00111
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00006	.01104
SDev	.00033	.00016
%RSD	553.67	1.4170

#1	.00018	.01115
#2	-.00030	.01092

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5796	--	--	--	--	--	--
SDev	12.30359	--	--	--	--	--	--
%RSD	.2122827	--	--	--	--	--	--
#1	5805	--	--	--	--	--	--
#2	5787	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839373 Operator: TWS
 Run Time: 07/16/08 21:53:12
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01332	-.00047	.01550	.15611	-.00009	72.182	.00007
SDev	.00309	.00020	.00080	.00015	.00006	.193	.00017
%RSD	23.215	41.867	5.1821	.09295	61.387	.26771	223.55

#1	.01550	-.00060	.01607	.15600	-.00005	72.319	-.00004
#2	.01113	-.00033	.01493	.15621	-.00013	72.046	.00019

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00078	.00130	.07154	2.9330	21.643	.03548
SDev	.00042	.00028	.00011	.00298	.0014	.033	.00006
%RSD	1313.0	35.518	8.7770	4.1641	.04755	.15031	.16980

#1	-.00033	.00097	.00122	.07365	2.9340	21.666	.03543
#2	.00027	.00058	.00138	.06944	2.9320	21.620	.03552

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.6911	.00133	.00318	-.00003	.00104	.00150	-.00037
SDev	.0352	.00002	.00067	.00089	.00081	.00030	.00369
%RSD	.52635	1.5036	21.064	2911.7	78.364	19.866	991.90

#1	6.7160	.00135	.00366	.00060	.00161	.00129	.00224
#2	6.6662	.00132	.00271	-.00066	.00046	.00171	-.00298

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00458	-.00005	.00012	.00141	.00097	-.00008	-.00389
SDev	.00319	.00115	.00002	.00027	.00030	.00072	.00023
%RSD	69.579	2327.7	18.680	18.954	31.398	877.47	5.8568

#1	.00233	.00076	.00010	.00122	.00118	-.00060	-.00373
#2	.00684	-.00086	.00014	.00160	.00075	.00043	-.00405

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00019	.00472
SDev	.00046	.00018
%RSD	247.52	3.7293

#1	.00014	.00460
#2	-.00051	.00484

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5766	--	--	--	--	--	--
SDev	6.681952	--	--	--	--	--	--
%RSD	.1158899	--	--	--	--	--	--
#1	5761	--	--	--	--	--	--
#2	5770	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839374 Operator: TWS
 Run Time: 07/16/08 21:58:42
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00437	-.00056	.01559	.12347	-.00007	104.40	.00013
SDev	.00347	.00049	.00089	.00019	.00000	.01	.00002
%RSD	79.361	87.652	5.7217	.15723	.81527	.01066	13.695
#1	.00682	-.00021	.01622	.12333	-.00007	104.39	.00014
#2	.00192	-.00090	.01496	.12361	-.00007	104.40	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00045	.00048	.00103	1.8845	.89519	34.139	.07973
SDev	.00013	.00034	.00004	.0035	.00894	.042	.00012
%RSD	28.990	69.311	3.8029	.18644	.99924	.12197	.14641
#1	-.00036	.00025	.00100	1.8820	.90151	34.110	.07964
#2	-.00054	.00072	.00106	1.8870	.88886	34.169	.07981
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.4818	.00070	.00227	-.00076	.00025	.00132	.00043
SDev	.0323	.00058	.00345	.00209	.00024	.00234	.00077
%RSD	.58988	82.499	151.79	276.20	97.013	177.56	177.28
#1	5.4589	.00112	-.00017	.00072	.00042	-.00034	.00098
#2	5.5046	.00029	.00471	-.00223	.00008	.00298	-.00011
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00516	-.00060	.00018	-.00039	.00050	-.00045	-.00480
SDev	.00867	.00082	.00020	.00054	.00000	.00037	.00160
%RSD	167.95	136.27	108.27	140.71	.00581	82.299	33.380
#1	-.00097	-.00002	.00032	-.00077	.00050	-.00019	-.00367
#2	.01130	-.00118	.00004	-.00000	.00050	-.00071	-.00593
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00007	.00295
SDev	.00004	.00158
%RSD	54.755	53.528

#1	-.00010	.00183
#2	-.00004	.00406

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5786	--	--	--	--	--	--
SDev	16.01625	--	--	--	--	--	--
%RSD	.2768306	--	--	--	--	--	--
#1	5774	--	--	--	--	--	--
#2	5797	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839375 Operator: TWS
 Run Time: 07/16/08 22:04:13
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00891	.00932	.02693	.11632	-.00001	145.93	-.00007
SDev	.00081	.00008	.00034	.00064	.00005	.18	.00013
%RSD	9.0432	.86568	1.2443	.54797	337.39	.12174	185.78

#1	.00834	.00926	.02717	.11677	.00002	146.05	.00002
#2	.00948	.00937	.02670	.11587	-.00005	145.80	-.00016

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00255	.00082	.00183	3.2352	2.6475	46.984	2.7830
SDev	.00029	.00068	.00001	.0113	.0100	.166	.0118
%RSD	11.399	83.307	.32458	.34992	.37768	.35437	.42434

#1	.00275	.00130	.00183	3.2432	2.6404	47.102	2.7914
#2	.00234	.00034	.00183	3.2272	2.6545	46.867	2.7747

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	8.8516	.00274	.00265	-.00038	.00063	.00215	.00018
SDev	.1087	.00066	.00112	.00064	.00080	.00158	.00048
%RSD	1.2276	24.097	42.307	167.37	126.72	73.334	265.43

#1	8.9284	.00320	.00345	.00007	.00119	.00104	-.00016
#2	8.7748	.00227	.00186	-.00083	.00007	.00327	.00052

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00946	-.00150	.00012	.00283	.00026	.01650	-.00299
SDev	.00174	.00150	.00007	.00093	.00031	.00039	.00093
%RSD	18.373	100.01	58.202	32.958	116.48	2.3811	31.223

#1	.00823	-.00256	.00007	.00217	.00005	.01678	-.00365
#2	.01069	-.00044	.00016	.00349	.00048	.01623	-.00233

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00025	.00322
SDev	.00003	.00201
%RSD	12.026	62.472

#1	-.00027	.00180
#2	-.00023	.00464

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5728	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.1388717	--	--	--	--	--	--
#1	5723	--	--	--	--	--	--
#2	5734	--	--	--	--	--	--

Analysis Report

07/16/08 10:15:10 PM

page 1

Method: TRACE1 Sample Name: AD839376 Operator: TWS
 Run Time: 07/16/08 22:09:43
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00305	.00591	.02735	.06249	-.00002	117.55	.00025
SDev	.00104	.00103	.00004	.00019	.00002	.21	.00017
%RSD	34.153	17.360	.14463	.30056	115.15	.18130	66.921
#1	.00231	.00519	.02738	.06262	-.00004	117.40	.00013
#2	.00379	.00664	.02733	.06235	-.00000	117.70	.00037
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00389	.00070	.00227	.11853	.46254	35.527	.13864
SDev	.00025	.00060	.00049	.00714	.02633	.018	.00012
%RSD	6.3386	84.708	21.512	6.0271	5.6935	.05000	.08943
#1	.00372	.00028	.00192	.11348	.44391	35.540	.13873
#2	.00406	.00112	.00261	.12358	.48116	35.515	.13855
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.3909	.00377	.00241	-.00085	.00024	-.00056	-.00147
SDev	.2282	.00004	.00015	.00056	.00032	.00105	.00258
%RSD	3.5714	1.0534	6.3445	65.739	136.61	188.00	176.10
#1	6.2295	.00380	.00230	-.00045	.00046	.00018	-.00329
#2	6.5523	.00375	.00252	-.00124	.00001	-.00130	.00036
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00545	-.00356	.00024	.00174	.00064	.00211	-.00421
SDev	.00285	.00015	.00032	.00303	.00015	.00017	.00022
%RSD	52.406	4.2911	134.34	174.26	23.908	7.8591	5.2313
#1	.00746	-.00345	.00001	-.00040	.00053	.00223	-.00437
#2	.00343	-.00367	.00047	.00388	.00075	.00200	-.00406
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00028	.00026
SDev	.00022	.00009
%RSD	79.152	33.350

#1	-.00044	.00032
#2	-.00012	.00020

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5763	--	--	--	--	--	--
SDev	18.77355	--	--	--	--	--	--
%RSD	.3257642	--	--	--	--	--	--
#1	5776	--	--	--	--	--	--
#2	5750	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839377 Operator: TWS
 Run Time: 07/16/08 22:15:14
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01614	-.00071	.02459	.08787	-.00006	115.57	.00011
SDev	.00202	.00120	.00042	.00010	.00001	.05	.00014
%RSD	12.546	169.32	1.6933	.11771	12.311	.04564	126.61
#1	.01758	.00014	.02430	.08780	-.00006	115.60	.00020
#2	.01471	-.00155	.02489	.08794	-.00005	115.53	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	.00062	.00115	.08879	1.5826	36.898	.01965
SDev	.00010	.00019	.00023	.00186	.0010	.006	.00009
%RSD	109.71	30.247	20.279	2.0901	.06628	.01706	.44345
#1	.00002	.00076	.00131	.09010	1.5819	36.894	.01959
#2	.00016	.00049	.00099	.08748	1.5834	36.903	.01971
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.0044	.00091	.00325	-.00128	.00023	.00183	-.00029
SDev	.1050	.00011	.00055	.00013	.00010	.00221	.00110
%RSD	1.7495	11.840	16.854	10.124	41.931	121.19	383.46
#1	6.0786	.00083	.00363	-.00137	.00030	.00339	-.00107
#2	5.9301	.00098	.00286	-.00119	.00016	.00026	.00049
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00793	-.00122	.00007	.00319	.00225	-.00045	-.00404
SDev	.00008	.00328	.00030	.00055	.00030	.00018	.00093
%RSD	1.0549	268.09	441.75	17.294	13.347	39.364	22.905
#1	.00799	.00110	.00028	.00280	.00246	-.00033	-.00339
#2	.00787	-.00354	-.00014	.00358	.00204	-.00058	-.00470
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00043	.00427
SDev	.00008	.00027
%RSD	18.938	6.2508

#1	-.00037	.00446
#2	-.00049	.00409

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5778	--	--	--	--	--	--
SDev	5.727634	--	--	--	--	--	--
%RSD	.0991257	--	--	--	--	--	--
#1	5782	--	--	--	--	--	--
#2	5774	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839378 Operator: TWS
 Run Time: 07/16/08 22:20:44
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00859	-.00016	.02560	.09664	.00003	153.42	-.00009
SDev	.00099	.00010	.00017	.00034	.00002	.00	.00004
%RSD	11.536	64.817	.68181	.35439	49.843	.00073	45.833

#1	.00929	-.00023	.02548	.09689	.00005	153.42	-.00011
#2	.00789	-.00008	.02573	.09640	.00002	153.42	-.00006

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00007	.00023	.00186	-.00441	1.2451	38.148	.07265
SDev	.00022	.00047	.00010	.00978	.0060	.061	.00011
%RSD	300.47	207.18	5.2434	221.60	.48190	.15956	.15052

#1	.00008	-.00011	.00179	-.01133	1.2409	38.191	.07273
#2	-.00023	.00056	.00192	.00250	1.2494	38.105	.07257

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.1788	.00224	.00177	-.00125	-.00024	.00188	.00034
SDev	.1172	.00037	.00174	.00018	.00070	.00153	.00164
%RSD	2.2623	16.725	98.293	14.449	286.08	81.396	479.01

#1	5.0960	.00250	.00054	-.00138	-.00074	.00296	-.00082
#2	5.2617	.00197	.00300	-.00112	.00025	.00080	.00150

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01054	-.00245	.00003	.00230	.00011	.00573	-.00623
SDev	.00056	.00202	.00010	.00101	.00031	.00000	.00023
%RSD	5.2653	82.241	307.48	44.111	276.71	.06177	3.7724

#1	.01093	-.00103	-.00004	.00302	-.00011	.00573	-.00606
#2	.01015	-.00388	.00010	.00158	.00033	.00574	-.00639

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00049	.00086
SDev	.00063	.00120
%RSD	127.61	139.66

#1	-.00093	.00001
#2	-.00005	.00170

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5714	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0371224	--	--	--	--	--	--
#1	5716	--	--	--	--	--	--
#2	5713	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839745/PB Operator: TWS
 Run Time: 07/16/08 22:29:12
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01769	-.00035	.00783	-.00003	-.00019	.10901	.00015
SDev	.00037	.00007	.00032	.00002	.00001	.00616	.00005
%RSD	2.1024	19.953	4.0689	48.870	7.0158	5.6490	31.725
#1	.01795	-.00040	.00760	-.00002	-.00018	.11336	.00012
#2	.01743	-.00030	.00805	-.00004	-.00020	.10465	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00006	.00075	.00121	.00259	-.00651	.00319	.00033
SDev	.00018	.00029	.00026	.00480	.00183	.00649	.00007
%RSD	292.83	39.074	21.467	185.24	28.148	203.27	20.129
#1	.00007	.00096	.00139	.00598	-.00781	.00778	.00028
#2	-.00019	.00054	.00103	-.00080	-.00521	-.00140	.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12091	.00040	.00331	-.00000	.00110	.00163	-.00242
SDev	.04791	.00099	.00146	.00104	.00118	.00170	.00198
%RSD	39.623	249.90	44.123	126920.	107.22	104.52	81.774
#1	.15479	.00110	.00434	.00074	.00193	.00043	-.00382
#2	.08703	-.00030	.00227	-.00074	.00027	.00284	-.00102
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00616	-.00063	.00014	.00090	.00032	.00013	-.00127
SDev	.00114	.00313	.00004	.00482	.00000	.00018	.00160
%RSD	18.440	494.03	30.842	536.12	.58403	139.02	126.22
#1	.00696	-.00284	.00011	.00431	.00032	.00026	-.00240
#2	.00536	.00158	.00017	-.00251	.00032	.00000	-.00014
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00025	.00026
SDev	.00026	.00153
%RSD	102.78	596.15

#1	-.00007	.00134
#2	-.00043	-.00083

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5824	--	--	--	--	--	--
SDev	3.499971	--	--	--	--	--	--
%RSD	.0601006	--	--	--	--	--	--
#1	5821	--	--	--	--	--	--
#2	5826	--	--	--	--	--	--

Analysis Report

QC Standard

07/16/08 10:41:37 PM

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Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/16/08 22:36:11

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.629	.50142	.49959	.50947	.51072	25.793	.50152
SDev	.074	.00732	.00451	.00280	.00342	.163	.00479
%RSD	.29030	1.4589	.90341	.54915	.66874	.63179	.95447
#1	25.682	.50659	.50278	.51145	.51314	25.909	.50491
#2	25.577	.49625	.49640	.50749	.50831	25.678	.49814
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50065	.52291	.49130	25.308	25.683	25.797	.51275
SDev	.00390	.00203	.00038	.153	.136	.163	.00345
%RSD	.77886	.38790	.07664	.60481	.53015	.63086	.67222
#1	.50341	.52435	.49104	25.416	25.586	25.912	.51519
#2	.49790	.52148	.49157	25.200	25.779	25.682	.51031
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.561	.51224	.50785	.50869	.50841	.52337	.51004
SDev	.096	.00151	.00016	.00272	.00187	.00024	.00199
%RSD	.37446	.29391	.03154	.53424	.36703	.04503	.38934
#1	25.629	.51330	.50796	.51061	.50973	.52321	.51144
#2	25.493	.51118	.50774	.50677	.50709	.52354	.50863
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53722	.51646	.51856	.51017	.50177	.51238	.51282
SDev	.00151	.00111	.00150	.00278	.00246	.00322	.00816
%RSD	.28025	.21421	.28889	.54448	.48957	.62791	1.5909
#1	.53829	.51567	.51962	.51214	.50351	.51466	.51858
#2	.53616	.51724	.51750	.50821	.50003	.51011	.50705
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.49946	.50231
SDev	.00028	.00145
%RSD	.05680	.28876

#1	.49966	.50334
#2	.49926	.50128

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5754	--	--	--	--	--	--
SDev	42.10807	--	--	--	--	--	--
%RSD	.7318147	--	--	--	--	--	--
#1	5724	--	--	--	--	--	--
#2	5784	--	--	--	--	--	--

Analysis Report

Blank Sample

07/16/08 10:47:08 PM

page 1

Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/16/08 22:41:41

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	-.00079	-.00013	-.00002	-.00009	.02127	-.00006
SDev	.00211	.00192	.00032	.00007	.00003	.00064	.00005
%RSD	473.46	244.06	257.24	306.05	32.597	2.9948	78.493

#1	.00194	-.00214	-.00036	.00002	-.00007	.02172	-.00009
#2	-.00105	.00057	.00010	-.00007	-.00011	.02082	-.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00042	.00095	-.00020	-.01062	.01169	.00010
SDev	.00007	.00015	.00001	.00095	.00442	.00039	.00000
%RSD	25.282	35.273	.48660	473.89	41.627	3.3023	.57424

#1	-.00032	.00031	.00095	.00047	-.01375	.01197	.00010
#2	-.00022	.00052	.00095	-.00087	-.00749	.01142	.00010

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02957	.00007	.00260	-.00159	-.00019	.00073	-.00018
SDev	.11831	.00009	.00095	.00211	.00109	.00060	.00182
%RSD	400.13	124.06	36.503	132.79	562.58	81.679	986.81

#1	.11323	.00001	.00327	-.00308	-.00096	.00115	.00110
#2	-.05409	.00014	.00193	-.00010	.00058	.00031	-.00147

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00602	-.00192	.00000	.00181	-.00021	-.00024	-.00127
SDev	.00078	.00128	.00018	.00327	.00015	.00036	.00069
%RSD	12.878	66.753	38851.	180.77	71.114	152.47	54.320

#1	.00547	-.00101	-.00013	-.00050	-.00032	-.00049	-.00078
#2	.00657	-.00282	.00013	.00413	-.00011	.00002	-.00176

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00021	.00017
SDev	.00014	.00023
%RSD	67.585	134.18

#1	-.00031	.00033
#2	-.00011	.00001

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5779	--	--	--	--	--	--
SDev	9.121609	--	--	--	--	--	--
%RSD	.1578392	--	--	--	--	--	--
#1	5773	--	--	--	--	--	--
#2	5786	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839744/FB Operator: TWS
 Run Time: 07/16/08 22:47:12
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.242	.20305	.20758	.20614	.20484	10.415	.20295
SDev	.003	.00249	.00101	.00000	.00021	.015	.00003
%RSD	.03287	1.2281	.48791	.00163	.10247	.14255	.01411
#1	10.240	.20481	.20830	.20614	.20469	10.405	.20297
#2	10.244	.20129	.20687	.20614	.20499	10.426	.20293
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19542	.20441	.20061	10.248	10.397	10.422	.20543
SDev	.00023	.00034	.00070	.001	.020	.017	.00011
%RSD	.11589	.16481	.35083	.01243	.19523	.16383	.05434
#1	.19558	.20465	.20011	10.248	10.383	10.410	.20550
#2	.19526	.20417	.20110	10.247	10.411	10.434	.20535
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.502	.20635	.20628	.20572	.20591	.20740	.20498
SDev	.076	.00006	.00043	.00432	.00274	.00014	.00052
%RSD	.72352	.03046	.20973	2.0987	1.3286	.06568	.25606
#1	10.448	.20631	.20659	.20266	.20397	.20730	.20460
#2	10.556	.20640	.20598	.20877	.20784	.20750	.20535
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20973	.20624	.20274	.20807	.20276	.20994	.20924
SDev	.00514	.00236	.00010	.00166	.00010	.00022	.00119
%RSD	2.4494	1.1464	.04856	.79707	.05146	.10738	.56719
#1	.20610	.20791	.20268	.20924	.20269	.21010	.21008
#2	.21337	.20457	.20281	.20689	.20284	.20978	.20840
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05020	.20822
SDev	.00021	.00104
%RSD	.42774	.49757

#1	.05035	.20895
#2	.05004	.20749

Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5841	--	--	--	--	--	--
SDev	1.272654	--	--	--	--	--	--
%RSD	.0217888	--	--	--	--	--	--
#1	5840	--	--	--	--	--	--
#2	5842	--	--	--	--	--	--

Analysis Report

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Method: TRACE1 Sample Name: AD839730 Operator: TWS
 Run Time: 07/16/08 22:52:42
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26725	.00429	2.4341	.04351	.00058	207.53	.00013
SDev	.00267	.00014	.0043	.00005	.00001	.37	.00029
%RSD	1.0005	3.1424	.17584	.10905	2.3716	.17681	221.62

#1	.26536	.00420	2.4371	.04348	.00059	207.79	.00034
#2	.26914	.00439	2.4311	.04354	.00057	207.27	-.00007

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00167	.00598	.47470	307.48	643.89	.17840
SDev	.00011	.00026	.00011	.00293	.87	1.49	.00025
%RSD	19.424	15.380	1.7521	.61697	.28454	.23114	.14227

#1	.00066	.00149	.00606	.47263	308.10	644.94	.17858
#2	.00050	.00185	.00591	.47677	306.86	642.84	.17822

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2564.4	-.00199	-.00074	.00159	.00081	.01234	-.00175
SDev	3.3	.00030	.00031	.00054	.00047	.00077	.00088
%RSD	.12866	15.020	41.441	34.241	57.157	6.2166	50.189

#1	H2566.7	-.00221	-.00096	.00120	.00048	.01180	-.00237
#2	H2562.1	-.00178	-.00052	.00197	.00114	.01289	-.00113

Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01020	.01342	.00965	.00200	.00303	.01516	L-.07628
SDev	.00057	.00144	.00075	.00187	.00068	.00067	.00206
%RSD	5.6189	10.715	7.7223	93.306	22.336	4.4332	2.7063

#1	.01060	.01240	.01017	.00333	.00255	.01563	L-.07773
#2	.00979	.01443	.00912	.00068	.00350	.01468	L-.07482

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00297	.00025
SDev	.00017	.00010
%RSD	5.6058	39.299

#1	-.00285	.00018
#2	-.00309	.00031

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5106	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.3136913	--	--	--	--	--	--
#1	5094	--	--	--	--	--	--
#2	5117	--	--	--	--	--	--

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Method: TRACE1 Sample Name: AD839731 Operator: TWS
 Run Time: 07/16/08 22:58:13
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32771	.00242	2.4914	.04619	.00080	211.59	.00011
SDev	.00234	.00009	.0070	.00013	.00004	.49	.00001
%RSD	.71334	3.6693	.28219	.28816	4.7758	.22994	6.9432
#1	.32606	.00248	2.4964	.04629	.00083	211.93	.00010
#2	.32936	.00236	2.4865	.04610	.00077	211.25	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00187	.00497	.53509	286.78	652.21	.18350
SDev	.00040	.00008	.00039	.00879	.38	1.07	.00019
%RSD	87.451	4.0502	7.7905	1.6419	.13411	.16362	.10362
#1	.00018	.00193	.00470	.52887	287.06	652.96	.18364
#2	.00074	.00182	.00525	.54130	286.51	651.45	.18337
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2577.8	-.00247	.00341	.00232	.00268	.01074	-.00159
SDev	4.4	.00003	.00215	.00089	.00131	.00198	.00271
%RSD	.17198	1.3466	62.995	38.416	48.830	18.428	170.42
#1	H2581.0	-.00249	.00189	.00169	.00176	.00934	.00033
#2	H2574.7	-.00244	.00493	.00295	.00361	.01214	-.00350
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00637	.01293	.01006	-.00040	.00291	.02769	L-.06989
SDev	.00328	.00461	.00017	.00091	.00018	.00006	.00038
%RSD	51.405	35.639	1.7019	225.40	6.1026	.22022	.54200
#1	.00869	.00967	.01018	.00024	.00303	.02773	L-.06962
#2	.00406	.01618	.00994	-.00104	.00278	.02765	L-.07015
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00335	.00094
SDev	.00028	.00030
%RSD	8.3088	32.186

#1	-.00315	.00072
#2	-.00354	.00115

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5100	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.2079787	--	--	--	--	--	--
#1	5092	--	--	--	--	--	--
#2	5107	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839732 Operator: TWS
 Run Time: 07/16/08 23:03:43
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23060	.00303	2.2963	.05410	.00076	197.63	.00010
SDev	.00388	.00246	.0140	.00039	.00003	1.41	.00008
%RSD	1.6821	81.278	.61173	.72697	4.0004	.71341	83.583

#1	.23335	.00477	2.2863	.05382	.00074	196.64	.00015
#2	.22786	.00129	2.3062	.05438	.00078	198.63	.00004

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00120	.00408	.36970	264.29	597.72	.20907
SDev	.00014	.00002	.00017	.00672	1.53	4.49	.00106
%RSD	118.41	1.7148	4.3013	1.8189	.57898	.75195	.50615

#1	.00021	.00121	.00395	.37445	263.21	594.54	.20832
#2	.00002	.00119	.00420	.36494	265.37	600.90	.20981

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2455.8	-.00209	.00122	-.00069	-.00005	.01113	.00054
SDev	9.0	.00020	.00180	.00052	.00025	.00429	.00103
%RSD	.36600	9.7265	147.24	75.886	503.35	38.572	191.57

#1	H2449.5	-.00224	-.00005	-.00032	-.00023	.00809	.00127
#2	H2462.2	-.00195	.00249	-.00105	.00013	.01416	-.00019

Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01110	.01114	.00565	.00361	.00292	.01709	L-.06122
SDev	.00867	.00210	.00019	.00041	.00018	.00025	.00011
%RSD	78.131	18.867	3.3516	11.396	6.1120	1.4663	.18032

#1	.00497	.00965	.00552	.00332	.00279	.01691	L-.06129
#2	.01723	.01263	.00578	.00390	.00304	.01727	L-.06114

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00282	.00018
SDev	.00086	.00084
%RSD	30.443	469.70

#1	-.00222	.00077
#2	-.00343	-.00041

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5099	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.2496111	--	--	--	--	--	--
#1	5108	--	--	--	--	--	--
#2	5090	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839733 Operator: TWS
 Run Time: 07/16/08 23:09:13
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21633	.00262	2.2231	.05522	.00068	192.92	.00006
SDev	.00023	.00044	.0023	.00008	.00002	.29	.00002
%RSD	.10600	16.873	.10241	.14206	2.8394	.14853	29.503
#1	.21649	.00293	2.2247	.05528	.00070	193.13	.00005
#2	.21617	.00230	2.2215	.05517	.00067	192.72	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00137	.00386	.37517	255.14	577.76	.22778
SDev	.00026	.00066	.00006	.00176	.38	.91	.00010
%RSD	165.87	48.439	1.5381	.47013	.14807	.15807	.04255
#1	-.00003	.00184	.00390	.37392	255.41	578.40	.22785
#2	.00035	.00090	.00381	.37641	254.87	577.11	.22772
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2409.7	-.00258	.00191	.00031	.00084	.00862	-.00003
SDev	2.8	.00071	.00229	.00036	.00100	.00065	.00281
%RSD	.11504	27.549	120.13	118.15	119.65	7.5183	9339.4
#1	H2411.7	L-.00309	.00029	.00005	.00013	.00908	.00196
#2	H2407.8	-.00208	.00352	.00056	.00155	.00816	-.00202
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00929	.00829	.00613	.00260	.00288	.01671	L-.05776
SDev	.00329	.00262	.00030	.00154	.00017	.00043	.00265
%RSD	35.413	31.560	4.9669	59.471	5.8039	2.5550	4.5796
#1	.00696	.01014	.00635	.00150	.00276	.01701	L-.05963
#2	.01161	.00644	.00591	.00369	.00300	.01641	L-.05589
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00327	.00168
SDev	.00010	.00066
%RSD	2.9268	39.416

#1	-.00334	.00121
#2	-.00320	.00214

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5160	--	--	--	--	--	--
SDev	5.621637	--	--	--	--	--	--
%RSD	.1089417	--	--	--	--	--	--
#1	5156	--	--	--	--	--	--
#2	5164	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839734 Operator: TWS
 Run Time: 07/16/08 23:14:44
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04709	-.00037	.59479	.49205	.00003	127.49	.00025
SDev	.00225	.00159	.00010	.00068	.00001	.11	.00007
%RSD	4.7777	430.18	.01685	.13855	50.082	.08376	27.415

#1	.04549	-.00150	.59486	.49253	.00002	127.56	.00030
#2	.04868	.00076	.59472	.49157	.00004	127.41	.00020

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00094	.00219	8.5286	26.513	53.824	.62293
SDev	.00009	.00013	.00020	.0139	.032	.029	.00012
%RSD	1147.4	14.195	9.3927	.16344	.11986	.05422	.01952

#1	.00005	.00084	.00204	8.5385	26.536	53.804	.62284
#2	-.00007	.00103	.00233	8.5188	26.491	53.845	.62301

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	351.02	.00326	.00322	.00222	.00255	.00282	-.00170
SDev	.31	.00015	.00126	.00109	.00031	.00416	.00186
%RSD	.08880	4.6450	39.054	49.091	12.050	147.58	109.54

#1	350.80	.00337	.00411	.00145	.00233	.00577	-.00038
#2	351.24	.00315	.00233	.00299	.00277	-.00012	-.00301

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00776	.00035	.00191	.00210	.00147	.00700	-.00454
SDev	.00586	.00331	.00026	.00208	.00001	.00003	.00049
%RSD	75.535	944.74	13.352	98.973	.38433	.43637	10.709

#1	.01191	.00269	.00173	.00356	.00147	.00698	-.00419
#2	.00362	-.00199	.00209	.00063	.00148	.00702	-.00488

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00090	.00022
SDev	.00025	.00013
%RSD	27.363	61.064

#1	-.00108	.00031
#2	-.00073	.00012

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5641	--	--	--	--	--	--
SDev	18.34956	--	--	--	--	--	--
%RSD	.3252906	--	--	--	--	--	--
#1	5654	--	--	--	--	--	--
#2	5628	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839734/L (1:5) Operator: TWS
 Run Time: 07/16/08 23:20:15
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03234	-.00194	.11834	.09835	.00008	25.912	-.00011
SDev	.00029	.00106	.00054	.00006	.00001	.034	.00019
%RSD	.90055	54.706	.45916	.06142	14.996	.12942	175.39

#1	.03255	-.00269	.11872	.09839	.00009	25.936	.00003
#2	.03214	-.00119	.11795	.09831	.00007	25.889	-.00024

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	.00034	.00092	1.7379	4.6411	10.925	.12669
SDev	.00070	.00081	.00022	.0070	.0178	.022	.00001
%RSD	229.83	236.43	24.073	.40372	.38392	.19908	.01027

#1	.00019	.00092	.00108	1.7428	4.6537	10.940	.12668
#2	-.00080	-.00023	.00076	1.7329	4.6285	10.909	.12670

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	73.723	.00036	.00335	-.00063	.00070	.00178	.00114
SDev	.152	.00051	.00021	.00163	.00102	.00016	.00073
%RSD	.20557	142.04	6.4143	257.86	146.18	9.1458	63.811

#1	73.831	.00071	.00320	.00052	.00141	.00189	.00062
#2	73.616	-.00000	.00351	-.00179	-.00002	.00166	.00165

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00833	-.00150	.00027	-.00100	.00008	.00132	-.00239
SDev	.00255	.00152	.00015	.00310	.00061	.00001	.00094
%RSD	30.588	101.33	54.189	310.28	795.91	.51654	39.338

#1	.00652	-.00042	.00037	-.00319	.00051	.00132	-.00305
#2	.01013	-.00257	.00017	.00119	-.00036	.00131	-.00172

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00071	.00076
SDev	.00062	.00019
%RSD	87.209	24.810

#1	-.00027	.00089
#2	-.00114	.00062

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5691	--	--	--	--	--	--
SDev	10.18261	--	--	--	--	--	--
%RSD	.1789107	--	--	--	--	--	--
#1	5684	--	--	--	--	--	--
#2	5699	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839734/PS Operator: TWS
 Run Time: 07/16/08 23:25:45
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.815	.21525	.80133	.70297	.21095	137.31	.20987
SDev	.091	.00077	.01022	.00582	.00197	1.52	.00194
%RSD	.84367	.35768	1.2758	.82769	.93165	1.1063	.92442
#1	10.879	.21471	.80856	.70709	.21234	138.38	.21124
#2	10.750	.21580	.79410	.69886	.20956	136.23	.20850
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20857	.20825	.21177	18.992	37.938	64.232	.82840
SDev	.00229	.00273	.00065	.197	.261	.603	.00821
%RSD	1.0979	1.3130	.30558	1.0366	.68725	.93928	.99048
#1	.21019	.21019	.21222	19.131	38.122	64.658	.83420
#2	.20695	.20632	.21131	18.853	37.754	63.805	.82260
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	355.97	.20890	.21061	.20880	.20940	.21654	.21427
SDev	2.38	.00325	.00332	.00144	.00207	.00161	.00392
%RSD	.66748	1.5546	1.5757	.69005	.98667	.74512	1.8300
#1	357.65	.21120	.21295	.20982	.21086	.21540	.21705
#2	354.29	.20660	.20826	.20778	.20794	.21768	.21150
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22582	.21190	.21114	.21276	.21109	.21284	.21399
SDev	.00194	.00145	.00211	.00218	.00131	.00170	.00390
%RSD	.85758	.68519	.99959	1.0258	.62021	.80015	1.8209
#1	.22445	.21088	.21263	.21122	.21201	.21404	.21674
#2	.22719	.21293	.20965	.21431	.21016	.21163	.21123
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05203	.20791
SDev	.00018	.00021
%RSD	.35536	.10194

#1	.05190	.20806
#2	.05216	.20776

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5548	--	--	--	--	--	--
SDev	63.42762	--	--	--	--	--	--
%RSD	1.143334	--	--	--	--	--	--
#1	5503	--	--	--	--	--	--
#2	5592	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839735/MS Operator: TWS
 Run Time: 07/16/08 23:31:16
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.098	.21518	.83272	.72639	.21273	142.92	.21040
SDev	.169	.00308	.01678	.01182	.00379	2.58	.00351
%RSD	1.5194	1.4306	2.0154	1.6272	1.7830	1.8043	1.6702
#1	10.979	.21300	.82085	.71803	.21005	141.10	.20791
#2	11.217	.21736	.84459	.73475	.21542	144.75	.21288
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20147	.21065	.21805	19.318	39.514	66.955	.86172
SDev	.00336	.00362	.00334	.343	.497	1.170	.01554
%RSD	1.6679	1.7169	1.5305	1.7780	1.2582	1.7470	1.8037
#1	.19909	.20809	.21569	19.075	39.163	66.128	.85073
#2	.20384	.21320	.22041	19.561	39.866	67.782	.87271
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	371.69	.21215	.21525	.21092	.21236	.22437	.21537
SDev	4.17	.00209	.00364	.00413	.00397	.00025	.00458
%RSD	1.1214	.98484	1.6934	1.9605	1.8704	.10973	2.1270
#1	368.74	.21068	.21267	.20800	.20955	.22420	.21214
#2	374.63	.21363	.21782	.21385	.21517	.22454	.21861
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22393	.22459	.21487	.21858	.21371	.22220	.21958
SDev	.00069	.00003	.00382	.00351	.00347	.00466	.00166
%RSD	.30731	.01123	1.7775	1.6058	1.6246	2.0969	.75500
#1	.22345	.22457	.21217	.21609	.21126	.21891	.21841
#2	.22442	.22461	.21757	.22106	.21617	.22550	.22075
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05332	.21529
SDev	.00073	.00351
%RSD	1.3769	1.6301

#1	.05280	.21281
#2	.05383	.21777

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5561	--	--	--	--	--	--
SDev	78.06452	--	--	--	--	--	--
%RSD	1.403836	--	--	--	--	--	--
#1	5616	--	--	--	--	--	--
#2	5506	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839736/SD Operator: TWS
 Run Time: 07/16/08 23:36:47
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.032	.21283	.87471	.70971	.21165	145.22	.20988
SDev	.528	.00934	.04214	.03375	.00995	6.73	.00917
%RSD	4.7836	4.3902	4.8172	4.7549	4.7029	4.6315	4.3679
#1	11.405	.21943	.90450	.73358	.21869	149.98	.21636
#2	10.659	.20622	.84491	.68585	.20461	140.46	.20340
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20140	.21004	.21575	18.432	43.497	77.601	.85738
SDev	.00854	.00971	.00981	.847	1.850	3.527	.03918
%RSD	4.2383	4.6248	4.5475	4.5928	4.2522	4.5451	4.5696
#1	.20743	.21691	.22269	19.031	44.805	80.095	.88508
#2	.19536	.20317	.20881	17.834	42.190	75.107	.82967
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H440.23	.20996	.20951	.20883	.20905	.21650	.21789
SDev	15.40	.00850	.00721	.00760	.00747	.00730	.01253
%RSD	3.4989	4.0489	3.4399	3.6378	3.5717	3.3712	5.7530
#1	H451.12	.21597	.21460	.21420	.21433	.22166	.22676
#2	H429.34	.20395	.20441	.20345	.20377	.21134	.20903
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22381	.21285	.21266	.21535	.21241	.21857	.21605
SDev	.00884	.00653	.01062	.00801	.01001	.00951	.01206
%RSD	3.9509	3.0665	4.9954	3.7194	4.7132	4.3527	5.5808
#1	.23006	.21747	.22017	.22101	.21948	.22530	.22457
#2	.21755	.20824	.20515	.20969	.20533	.21184	.20752
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05342	.21543
SDev	.00208	.00974
%RSD	3.9000	4.5196

#1	.05489	.22231
#2	.05195	.20854

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5547	--	--	--	--	--	--
SDev	191.4492	--	--	--	--	--	--
%RSD	3.451353	--	--	--	--	--	--
#1	5412	--	--	--	--	--	--
#2	5682	--	--	--	--	--	--

Analysis Report

QC Standard

07/16/08 11:50:41 PM

page 1

Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/16/08 23:45:15

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.554	.50313	.51071	.51877	.51525	25.794	.51279
SDev	.049	.00369	.00233	.00088	.00098	.049	.00093
%RSD	.19328	.73432	.45661	.16930	.19096	.19174	.18225
#1	25.520	.50052	.50906	.51815	.51456	25.759	.51213
#2	25.589	.50574	.51236	.51939	.51595	25.829	.51345
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50561	.52035	.49180	25.402	25.273	25.838	.51649
SDev	.00189	.00077	.00132	.037	.060	.042	.00102
%RSD	.37446	.14822	.26911	.14657	.23742	.16215	.19790
#1	.50427	.51980	.49087	25.376	25.231	25.808	.51576
#2	.50694	.52089	.49274	25.429	25.316	25.867	.51721
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.780	.51349	.51535	.51451	.51479	.52792	.51380
SDev	.055	.00179	.00087	.00066	.00015	.00476	.00703
%RSD	.21280	.34787	.16821	.12758	.02897	.90236	1.3681
#1	25.742	.51223	.51596	.51404	.51468	.52455	.50883
#2	25.819	.51476	.51474	.51497	.51489	.53129	.51877
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53501	.52438	.51986	.51715	.50304	.51477	.52683
SDev	.00221	.00604	.00169	.00655	.00184	.00160	.00314
%RSD	.41272	1.1521	.32405	1.2659	.36612	.31037	.59682
#1	.53345	.52011	.51867	.51252	.50173	.51364	.52461
#2	.53657	.52866	.52105	.52178	.50434	.51590	.52905
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.49865	.49827
SDev	.00175	.00318
%RSD	.35047	.63812

#1	.49741	.49602
#2	.49988	.50052

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5624	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0565806	--	--	--	--	--	--
#1	5626	--	--	--	--	--	--
#2	5622	--	--	--	--	--	--

Analysis Report

Blank Sample

07/16/08 11:56:12 PM

page 1

Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/16/08 23:50:45

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01481	-.00105	.00205	.00024	.00029	.02845	.00037
SDev	.00082	.00032	.00034	.00007	.00005	.00437	.00011
%RSD	5.5157	30.253	16.291	27.909	15.540	15.360	30.866
#1	.01539	-.00083	.00229	.00019	.00026	.02536	.00045
#2	.01423	-.00128	.00182	.00028	.00032	.03154	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00047	.00113	.00167	.03528	.02964	.00032
SDev	.00014	.00017	.00017	.00197	.00220	.00112	.00003
%RSD	528.07	36.513	15.051	118.00	6.2454	3.7639	10.618
#1	-.00007	.00060	.00125	.00306	.03372	.03043	.00030
#2	.00012	.00035	.00101	.00028	.03683	.02885	.00035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30679	.00068	.00425	-.00061	.00101	.00206	.00025
SDev	.00925	.00013	.00040	.00028	.00032	.00072	.00150
%RSD	3.0156	19.708	9.4092	46.894	31.972	34.926	608.44
#1	.31333	.00059	.00453	-.00041	.00124	.00257	-.00081
#2	.30025	.00078	.00397	-.00081	.00078	.00155	.00131
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00534	.00042	.00021	.00276	.00033	-.00032	-.00112
SDev	.00263	.00023	.00015	.00015	.00000	.00018	.00047
%RSD	49.176	55.741	69.853	5.5968	.82030	57.418	42.211
#1	.00720	.00025	.00032	.00265	.00033	-.00045	-.00078
#2	.00349	.00059	.00011	.00287	.00033	-.00019	-.00145
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00016	-.00059
SDev	.00039	.00237
%RSD	248.47	400.32

#1	-.00043	.00108
#2	.00012	-.00227

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5656	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.0581297	--	--	--	--	--	--
#1	5654	--	--	--	--	--	--
#2	5659	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839737 Operator: TWS
 Run Time: 07/16/08 23:56:16
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.24782	.00059	2.7325	.03180	.00090	227.07	.00037
SDev	.00157	.00054	.0030	.00004	.00001	.12	.00038
%RSD	.63193	91.178	.11064	.11969	1.3995	.05423	101.84

#1	.24893	.00097	2.7303	.03177	.00091	227.16	.00063
#2	.24671	.00021	2.7346	.03183	.00090	226.98	.00010

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00080	.00180	.00393	.31896	318.00	718.14	.13729
SDev	.00017	.00039	.00006	.02316	.58	.03	.00015
%RSD	21.963	21.578	1.5387	7.2607	.18307	.00393	.10913

#1	.00092	.00207	.00389	.33533	317.59	718.12	.13740
#2	.00067	.00152	.00397	.30258	318.42	718.16	.13719

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H2727.4	-.00295	.00247	.00113	.00158	.01292	-.00261
SDev	3.6	.00019	.00194	.00059	.00104	.00284	.00344
%RSD	.13223	6.5637	78.670	52.133	65.967	21.945	131.68

#1	H2724.8	L-.00309	.00385	.00155	.00232	.01092	-.00018
#2	H2729.9	-.00282	.00110	.00072	.00084	.01493	-.00504

Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00954	.01462	.00663	.00371	.00248	.04033	L-.07397
SDev	.00080	.00466	.00014	.00275	.00018	.00026	.00009
%RSD	8.4146	31.854	2.0487	74.090	7.2001	.65229	.11849

#1	.01011	.01132	.00654	.00566	.00236	.04015	L-.07390
#2	.00897	.01791	.00673	.00177	.00261	.04052	L-.07403

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00346	.00008
SDev	.00005	.00021
%RSD	1.5864	249.14

#1	-.00342	-.00006
#2	-.00350	.00023

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4996	--	--	--	--	--	--
SDev	5.939628	--	--	--	--	--	--
%RSD	.1188758	--	--	--	--	--	--
#1	5001	--	--	--	--	--	--
#2	4992	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839738 Operator: TWS
 Run Time: 07/17/08 00:01:47
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03834	-.00066	.57827	.53243	.00012	223.68	.00117
SDev	.00280	.00029	.00070	.00013	.00000	.26	.00023
%RSD	7.3094	43.659	.12170	.02492	.20356	.11776	20.100
#1	.03636	-.00086	.57877	.53234	.00012	223.50	.00100
#2	.04033	-.00046	.57778	.53252	.00012	223.87	.00133
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.00400	.00198	43.311	15.132	28.432	1.0484
SDev	.00075	.00001	.00008	.039	.015	.015	.0015
%RSD	147.37	.13429	3.9372	.09001	.09919	.05273	.13943
#1	.00104	.00400	.00192	43.284	15.142	28.421	1.0474
#2	-.00002	.00401	.00203	43.339	15.121	28.443	1.0494
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	54.348	.00451	.00534	-.00098	.00112	.00211	-.00115
SDev	.475	.00052	.00173	.00025	.00074	.00312	.00222
%RSD	.87368	11.419	32.403	25.290	66.041	147.86	192.84
#1	54.683	.00488	.00412	-.00116	.00060	.00432	.00042
#2	54.012	.00415	.00657	-.00081	.00165	-.00010	-.00272
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01152	-.00259	.00154	.00301	.00224	.00684	-.00219
SDev	.00474	.00231	.00003	.00249	.00015	.00036	.00048
%RSD	41.133	89.288	2.1274	82.770	6.8712	5.3401	21.950
#1	.01487	-.00096	.00157	.00125	.00235	.00710	-.00185
#2	.00817	-.00423	.00152	.00478	.00213	.00658	-.00253
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00082	-.00138
SDev	.00015	.00028
%RSD	17.887	20.567

#1	-.00092	-.00118
#2	-.00072	-.00158

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5573	--	--	--	--	--	--
SDev	7.212627	--	--	--	--	--	--
%RSD	.1294255	--	--	--	--	--	--
#1	5578	--	--	--	--	--	--
#2	5568	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839739

Operator: TWS

Run Time: 07/17/08 00:07:17

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03322	.00172	.59025	.53976	.00006	223.99	.00133
SDev	.00035	.00063	.00080	.00072	.00001	.40	.00001
%RSD	1.0436	36.558	.13506	.13353	7.4404	.17837	.48685
#1	.03297	.00217	.59081	.54027	.00007	224.28	.00132
#2	.03346	.00128	.58969	.53925	.00006	223.71	.00133
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00090	.00362	.00254	43.408	15.661	28.950	1.0434
SDev	.00009	.00001	.00005	.057	.014	.047	.0017
%RSD	9.4446	.39312	2.0050	.13023	.08703	.16146	.15823
#1	.00096	.00363	.00250	43.448	15.651	28.983	1.0446
#2	.00084	.00361	.00257	43.368	15.670	28.917	1.0422
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	56.341	.00487	.00235	-.00121	-.00003	-.00013	.00186
SDev	.056	.00073	.00176	.00002	.00057	.00111	.00060
%RSD	.09966	15.060	74.936	1.4072	2056.5	850.65	32.486
#1	56.381	.00539	.00110	-.00120	-.00043	-.00092	.00143
#2	56.302	.00436	.00359	-.00123	.00038	.00066	.00229
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00319	-.00179	.00147	.00306	.00232	.00613	-.00049
SDev	.00157	.00089	.00019	.00090	.00062	.00055	.00048
%RSD	49.356	49.437	13.054	29.409	26.527	8.9219	97.871
#1	.00208	-.00242	.00161	.00370	.00276	.00651	-.00015
#2	.00430	-.00116	.00133	.00243	.00189	.00574	-.00083
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00089	-.00185
SDev	.00003	.00056
%RSD	2.9281	30.397

#1	-.00090	-.00145
#2	-.00087	-.00225

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5610	--	--	--	--	--	--
SDev	10.60660	--	--	--	--	--	--
%RSD	.1890508	--	--	--	--	--	--
#1	5618	--	--	--	--	--	--
#2	5603	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839740 Operator: TWS
 Run Time: 07/17/08 00:12:48
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12286	.00201	4.6920	1.2561	.00005	87.156	.00081
SDev	.00357	.00175	.0096	.0026	.00001	.093	.00007
%RSD	2.9071	86.940	.20368	.20758	21.990	.10718	8.7715

#1	.12033	.00324	4.6988	1.2579	.00004	87.222	.00086
#2	.12538	.00077	4.6853	1.2542	.00005	87.090	.00076

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00739	.01753	.00280	16.998	147.01	106.49	.07089
SDev	.00028	.00031	.00049	.017	.17	.12	.00002
%RSD	3.7398	1.7713	17.636	.09861	.11245	.11089	.02817

#1	.00719	.01775	.00315	17.010	147.13	106.57	.07088
#2	.00758	.01732	.00245	16.986	146.89	106.40	.07090

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H698.88	.01302	.00602	.00091	.00261	.00418	-.00025
SDev	.62	.00033	.00013	.00086	.00053	.00264	.00170
%RSD	.08880	2.5050	2.1299	95.345	20.449	63.103	695.57

#1	H699.31	.01325	.00593	.00152	.00299	.00231	.00096
#2	H698.44	.01279	.00611	.00030	.00223	.00604	-.00145

Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00716	.00269	.00278	.00318	.00721	.00665	.00179
SDev	.00092	.00441	.00008	.00228	.00001	.00018	.00097
%RSD	12.817	164.12	2.8275	71.676	.13662	2.7332	54.214

#1	.00781	-.00043	.00283	.00479	.00721	.00678	.00248
#2	.00651	.00581	.00272	.00157	.00722	.00652	.00110

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00092	-.00191
SDev	.00025	.00047
%RSD	27.041	24.882

#1	-.00110	-.00157
#2	-.00075	-.00224

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5480	--	--	--	--	--	--
SDev	7.106285	--	--	--	--	--	--
%RSD	.1296726	--	--	--	--	--	--
#1	5485	--	--	--	--	--	--
#2	5475	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839741 Operator: TWS
 Run Time: 07/17/08 00:18:19
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02443	-.00002	1.7081	1.6819	-.00008	255.65	.00078
SDev	.00174	.00069	.0002	.0011	.00002	.01	.00014
%RSD	7.1274	3132.1	.01002	.06681	19.593	.00359	17.978
#1	.02320	-.00051	1.7082	1.6827	-.00010	255.65	.00068
#2	.02566	.00047	1.7080	1.6811	-.00007	255.64	.00088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00187	.00627	.00149	25.968	46.351	77.046	1.1769
SDev	.00014	.00004	.00017	.014	.059	.006	.0002
%RSD	7.4161	.64906	11.629	.05544	.12740	.00748	.01797
#1	.00178	.00624	.00161	25.978	46.393	77.042	1.1767
#2	.00197	.00630	.00137	25.957	46.309	77.050	1.1770
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H628.84	.00416	-.00001	.00250	.00167	.00325	-.00089
SDev	1.22	.00061	.00072	.00073	.00073	.00126	.00014
%RSD	.19404	14.705	7081.2	29.135	43.629	38.705	15.880
#1	H629.70	.00372	.00050	.00302	.00218	.00414	-.00079
#2	H627.98	.00459	-.00052	.00199	.00115	.00236	-.00099
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00811	.00082	.00232	.00361	.00303	.00149	-.00221
SDev	.00232	.00072	.00013	.00004	.00015	.00038	.00216
%RSD	28.660	88.501	5.4248	1.1604	5.1253	25.101	97.736
#1	.00975	.00133	.00223	.00358	.00292	.00123	-.00068
#2	.00647	.00031	.00241	.00364	.00314	.00176	-.00373
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00110	-.00196
SDev	.00045	.00057
%RSD	41.165	28.840

#1	-.00142	-.00156
#2	-.00078	-.00237

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5558	--	--	--	--	--	--
SDev	2.651650	--	--	--	--	--	--
%RSD	.0477046	--	--	--	--	--	--
#1	5557	--	--	--	--	--	--
#2	5560	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839741/L (1:5) Operator: TWS
 Run Time: 07/17/08 00:23:50
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01136	-.00139	.33641	.33700	-.00001	51.938	.00032
SDev	.00156	.00052	.00172	.00071	.00001	.062	.00014
%RSD	13.777	37.473	.51222	.21144	40.263	.12016	44.875
#1	.01246	-.00102	.33519	.33650	-.00002	51.894	.00022
#2	.01025	-.00176	.33763	.33750	-.00001	51.982	.00042
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00127	.00100	5.2803	7.9161	15.514	.23930
SDev	.00009	.00073	.00046	.0087	.0242	.017	.00048
%RSD	56.621	57.310	45.518	.16546	.30557	.10947	.20019
#1	.00021	.00178	.00132	5.2742	7.8990	15.502	.23896
#2	.00009	.00076	.00068	5.2865	7.9332	15.526	.23964
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	139.95	.00142	.00310	.00131	.00190	.00213	.00019
SDev	.15	.00007	.00174	.00118	.00021	.00074	.00217
%RSD	.10397	4.6806	56.183	90.313	10.843	34.797	1146.2
#1	139.85	.00137	.00434	.00047	.00176	.00266	-.00135
#2	140.05	.00147	.00187	.00214	.00205	.00161	.00173
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00796	-.00078	.00030	.00254	.00065	.00019	-.00129
SDev	.00040	.00091	.00009	.00300	.00000	.00018	.00234
%RSD	5.0840	116.40	30.010	118.23	.11987	99.684	181.74
#1	.00825	-.00014	.00024	.00467	.00065	.00032	-.00294
#2	.00767	-.00143	.00036	.00042	.00065	.00005	.00037
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00019	-.00041
SDev	.00017	.00005
%RSD	89.858	11.381

#1	-.00032	-.00038
#2	-.00007	-.00045

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5699	--	--	--	--	--	--
SDev	3.288323	--	--	--	--	--	--
%RSD	.0576967	--	--	--	--	--	--
#1	5697	--	--	--	--	--	--
#2	5702	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839741/PS Operator: TWS
 Run Time: 07/17/08 00:29:21
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.980	.21426	1.9074	1.8916	.20708	264.91	.20689
SDev	.004	.00342	.0027	.0001	.00055	.62	.00059
%RSD	.03655	1.5944	.14189	.00718	.26611	.23463	.28628
#1	10.983	.21668	1.9055	1.8917	.20747	265.35	.20731
#2	10.978	.21185	1.9094	1.8915	.20669	264.47	.20647
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20487	.21015	.21335	36.228	58.503	87.376	1.3790
SDev	.00034	.00056	.00001	.112	.043	.218	.0029
%RSD	.16736	.26894	.00671	.31020	.07367	.24933	.20681
#1	.20511	.21055	.21336	36.307	58.473	87.530	1.3810
#2	.20462	.20975	.21334	36.148	58.534	87.222	1.3769
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H633.07	.20517	.20488	.20678	.20614	.22127	.21504
SDev	.34	.00094	.00067	.00272	.00203	.00118	.00121
%RSD	.05300	.45831	.32460	1.3135	.98623	.53430	.56107
#1	H632.83	.20584	.20441	.20485	.20471	.22044	.21589
#2	H633.30	.20451	.20535	.20870	.20758	.22211	.21419
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22423	.21980	.21084	.20905	.21160	.20086	.21090
SDev	.00292	.00031	.00007	.00239	.00038	.00075	.00069
%RSD	1.3035	.14196	.03397	1.1425	.17701	.37469	.32895
#1	.22216	.21958	.21079	.21074	.21134	.20140	.21041
#2	.22629	.22002	.21089	.20736	.21187	.20033	.21139
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05289	.20514
SDev	.00023	.00037
%RSD	.43248	.17844

#1	.05305	.20539
#2	.05273	.20488

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5490	--	--	--	--	--	--
SDev	5.515295	--	--	--	--	--	--
%RSD	.1004662	--	--	--	--	--	--
#1	5494	--	--	--	--	--	--
#2	5486	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839742/MS Operator: TWS
 Run Time: 07/17/08 00:34:52
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.102	.21202	1.9279	1.9117	.20715	267.97	.20487
SDev	.006	.00272	.0068	.0052	.00069	.65	.00071
%RSD	.05697	1.2818	.35522	.27249	.33251	.24376	.34517
#1	11.106	.21010	1.9231	1.9080	.20666	267.51	.20437
#2	11.097	.21394	1.9328	1.9154	.20764	268.43	.20537
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19763	.21111	.21730	36.621	59.222	88.314	1.3959
SDev	.00063	.00043	.00035	.069	.108	.172	.0033
%RSD	.32071	.20531	.16166	.18920	.18248	.19531	.23398
#1	.19718	.21081	.21705	36.572	59.299	88.192	1.3936
#2	.19807	.21142	.21755	36.670	59.146	88.436	1.3982
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H640.10	.20605	.20723	.20494	.20570	.21837	.21624
SDev	1.14	.00037	.00333	.00103	.00042	.00028	.00159
%RSD	.17838	.18026	1.6059	.50116	.20572	.13035	.73707
#1	H639.30	.20631	.20488	.20566	.20540	.21816	.21512
#2	H640.91	.20579	.20958	.20421	.20600	.21857	.21737
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22171	.21670	.21185	.21590	.21234	.20596	.21221
SDev	.00449	.00182	.00046	.00188	.00009	.00045	.00239
%RSD	2.0274	.84014	.21487	.87291	.04235	.22008	1.1269
#1	.21853	.21798	.21153	.21457	.21240	.20628	.21052
#2	.22489	.21541	.21217	.21723	.21227	.20564	.21391
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05364	.20902
SDev	.00002	.00020
%RSD	.03864	.09822

#1	.05365	.20917
#2	.05362	.20888

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5523	--	--	--	--	--	--
SDev	18.24322	--	--	--	--	--	--
%RSD	.3303225	--	--	--	--	--	--
#1	5536	--	--	--	--	--	--
#2	5510	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839743/SD Operator: TWS
 Run Time: 07/17/08 00:40:22
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.938	.21008	1.9038	1.8827	.20529	264.11	.20327
SDev	.020	.00184	.0047	.0048	.00019	.01	.00044
%RSD	.18233	.87692	.24443	.25400	.09523	.00316	.21684
#1	10.953	.21138	1.9071	1.8861	.20543	264.10	.20358
#2	10.924	.20878	1.9005	1.8794	.20515	264.11	.20296
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19579	.20893	.21484	35.904	58.447	87.067	1.3737
SDev	.00056	.00030	.00029	.039	.044	.054	.0009
%RSD	.28376	.14271	.13681	.10931	.07482	.06222	.06563
#1	.19618	.20872	.21505	35.931	58.478	87.105	1.3744
#2	.19540	.20914	.21463	35.876	58.416	87.029	1.3731
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H632.95	.20455	.20349	.20601	.20517	.21708	.21320
SDev	1.43	.00184	.00033	.00015	.00001	.00201	.00034
%RSD	.22604	.89776	.16045	.07077	.00560	.92650	.16090
#1	H633.96	.20325	.20372	.20591	.20518	.21850	.21344
#2	H631.94	.20585	.20326	.20612	.20517	.21566	.21296
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22063	.21531	.20977	.20947	.20984	.20499	.21153
SDev	.00122	.00241	.00054	.00178	.00079	.00116	.00209
%RSD	.55163	1.1186	.25798	.85179	.37760	.56510	.98791
#1	.22149	.21701	.20939	.21073	.21040	.20417	.21300
#2	.21977	.21360	.21016	.20821	.20928	.20581	.21005
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05269	.20616
SDev	.00030	.00315
%RSD	.56806	1.5304

#1	.05247	.20393
#2	.05290	.20839

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5545	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.0784291	--	--	--	--	--	--
#1	5542	--	--	--	--	--	--
#2	5548	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839624 Operator: TWS
 Run Time: 07/17/08 00:48:51
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01907	.00244	.07712	.07116	.00015	104.00	.00007
SDev	.00078	.00056	.00216	.00041	.00002	.07	.00017
%RSD	4.0805	22.990	2.7953	.57811	14.396	.06362	228.37
#1	.01852	.00204	.07560	.07087	.00014	104.05	.00019
#2	.01962	.00283	.07865	.07145	.00017	103.96	-.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00005	.00013	.00151	2.6043	3.7594	38.435	1.6611
SDev	.00017	.00009	.00001	.0090	.0102	.011	.0018
%RSD	384.04	65.486	.95467	.34508	.27178	.02933	.10625
#1	.00017	.00019	.00152	2.6107	3.7522	38.427	1.6598
#2	-.00008	.00007	.00150	2.5980	3.7667	38.443	1.6623
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	61.507	.00116	.00049	-.00068	-.00029	.00132	.00233
SDev	.194	.00014	.00123	.00096	.00023	.00058	.00032
%RSD	.31603	11.754	250.00	141.70	80.600	43.647	13.714
#1	61.370	.00126	.00136	-.00136	-.00046	.00091	.00255
#2	61.645	.00107	-.00038	.00000	-.00012	.00173	.00210
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	-.00043	.00030	.00154	.00039	.00212	-.00851
SDev	.00230	.00201	.00006	.00353	.00046	.00054	.00167
%RSD	47.727	467.40	18.907	229.04	119.47	25.472	19.587
#1	.00645	-.00186	.00026	.00404	.00071	.00250	-.00733
#2	.00319	.00099	.00034	-.00096	.00006	.00174	-.00968
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00051	.00019
SDev	.00004	.00018
%RSD	7.1949	93.645

#1	-.00054	.00032
#2	-.00048	.00007

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5681	--	--	--	--	--	--
SDev	16.97056	--	--	--	--	--	--
%RSD	.2987118	--	--	--	--	--	--
#1	5693	--	--	--	--	--	--
#2	5669	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 01:02:45 AM

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Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/17/08 00:57:19

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.419	.50074	.50458	.51319	.50708	25.493	.50277
SDev	.147	.00356	.00811	.00722	.00469	.104	.00844
%RSD	.57819	.71146	1.6071	1.4063	.92505	.40694	1.6792
#1	25.315	.49822	.49885	.50808	.50377	25.420	.49680
#2	25.523	.50326	.51031	.51829	.51040	25.567	.50874
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49806	.51620	.48738	25.094	25.317	25.523	.51037
SDev	.00566	.00301	.00396	.147	.033	.185	.00427
%RSD	1.1354	.58359	.81276	.58679	.13224	.72427	.83605
#1	.49406	.51407	.48458	24.990	25.294	25.392	.50735
#2	.50206	.51833	.49018	25.198	25.341	25.653	.51339
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.468	.50761	.50676	.50606	.50629	.52117	.51053
SDev	.276	.00295	.00597	.00163	.00307	.00141	.00554
%RSD	1.0855	.58162	1.1774	.32160	.60683	.27043	1.0862
#1	25.273	.50552	.50254	.50491	.50412	.52017	.50661
#2	25.664	.50970	.51098	.50721	.50846	.52216	.51445
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52559	.51896	.51395	.51604	.49743	.50546	.51586
SDev	.00322	.00050	.00344	.01635	.00293	.00330	.00730
%RSD	.61310	.09691	.66841	3.1681	.58812	.65195	1.4162
#1	.52331	.51861	.51152	.50448	.49537	.50313	.51069
#2	.52787	.51932	.51638	.52760	.49950	.50779	.52102
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.49483	.49263
SDev	.00281	.00344
%RSD	.56784	.69759

#1	.49284	.49020
#2	.49681	.49506

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5734	--	--	--	--	--	--
SDev	37.22910	--	--	--	--	--	--
%RSD	.6492212	--	--	--	--	--	--
#1	5761	--	--	--	--	--	--
#2	5708	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 01:08:16 AM

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Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/17/08 01:02:49

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01463	.00122	.00277	.00026	.00018	.02679	.00014
SDev	.00118	.00047	.00101	.00000	.00004	.00266	.00010
%RSD	8.0412	38.861	36.400	.22870	24.431	9.9416	66.576
#1	.01380	.00088	.00348	.00026	.00015	.02490	.00021
#2	.01546	.00155	.00206	.00026	.00021	.02867	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00063	.00086	.00869	.02808	.02070	.00036
SDev	.00012	.00032	.00005	.00194	.00108	.00211	.00003
%RSD	54.577	50.805	6.1661	22.318	3.8397	10.198	9.6860
#1	.00013	.00040	.00083	.00732	.02885	.02219	.00034
#2	.00030	.00085	.00090	.01006	.02732	.01921	.00039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25375	-.00009	.00302	-.00110	.00027	.00159	-.00221
SDev	.07202	.00004	.00074	.00016	.00035	.00441	.00248
%RSD	28.383	42.113	24.530	14.379	128.33	276.88	112.30
#1	.20282	-.00012	.00355	-.00099	.00052	-.00152	-.00045
#2	.30467	-.00006	.00250	-.00121	.00003	.00471	-.00396
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00708	-.00116	.00039	.00276	.00011	-.00010	-.00111
SDev	.00799	.00261	.00006	.00079	.00030	.00054	.00232
%RSD	112.76	226.22	14.399	28.649	277.14	556.66	208.96
#1	.00144	-.00300	.00042	.00332	-.00011	.00029	-.00275
#2	.01273	.00069	.00035	.00220	.00033	-.00048	.00053
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00000	.00053
SDev	.00004	.00009
%RSD	3595.1	16.630

#1	-.00003	.00059
#2	.00003	.00047

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5753	--	--	--	--	--	--
SDev	11.45527	--	--	--	--	--	--
%RSD	.1991251	--	--	--	--	--	--
#1	5761	--	--	--	--	--	--
#2	5745	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839625 Operator: TWS
 Run Time: 07/17/08 01:08:20
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83218	.01574	.16402	.08639	.00048	623.09	.00101
SDev	.00236	.00162	.00013	.00005	.00004	1.30	.00001
%RSD	.28342	10.265	.07620	.05993	8.1625	.20924	.71264
#1	.83051	.01688	.16393	.08636	.00046	622.17	.00102
#2	.83385	.01460	.16411	.08643	.00051	624.02	.00101
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02335	.00667	.00507	24.996	24.101	220.93	7.4717
SDev	.00036	.00057	.00008	.044	.016	.09	.0082
%RSD	1.5335	8.5372	1.6287	.17639	.06693	.04130	.11010
#1	.02309	.00627	.00501	24.965	24.090	220.87	7.4659
#2	.02360	.00708	.00512	25.028	24.113	221.00	7.4775
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	29.565	.02074	.01201	.01234	.01223	.00316	.00020
SDev	.018	.00067	.00010	.00072	.00052	.00172	.00463
%RSD	.05971	3.2264	.85815	5.8607	4.2247	54.390	2283.3
#1	29.553	.02027	.01194	.01183	.01187	.00438	-.00307
#2	29.578	.02121	.01208	.01285	.01260	.00194	.00347
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00991	-.00021	.03178	.00474	.00310	.14267	L-.09235
SDev	.00099	.00307	.00006	.00030	.00031	.00092	.00035
%RSD	9.9846	1443.7	.17149	6.2806	10.107	.64155	.37502
#1	.00921	.00196	.03175	.00453	.00288	.14332	L-.09260
#2	.01060	-.00239	.03182	.00495	.00333	.14202	L-.09211
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00104	.01374
SDev	.00020	.00025
%RSD	19.147	1.8275

#1	-.00119	.01356
#2	-.00090	.01392

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5655	--	--	--	--	--	--
SDev	7.742612	--	--	--	--	--	--
%RSD	.1369071	--	--	--	--	--	--
#1	5661	--	--	--	--	--	--
#2	5650	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839626 Operator: TWS
 Run Time: 07/17/08 01:13:51
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01987	.00911	.05584	.09709	.00023	185.64	.00043
SDev	.00361	.00038	.00055	.00025	.00006	.27	.00008
%RSD	18.140	4.1906	.97819	.25358	25.434	.14281	17.843
#1	.01732	.00884	.05622	.09692	.00019	185.46	.00049
#2	.02242	.00938	.05545	.09727	.00027	185.83	.00038
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	.00075	.00102	13.658	4.6788	50.323	3.7115
SDev	.00020	.00041	.00006	.032	.0088	.063	.0075
%RSD	12.261	53.913	6.0668	.23781	.18747	.12451	.20220
#1	.00179	.00104	.00106	13.635	4.6726	50.279	3.7062
#2	.00151	.00047	.00098	13.681	4.6850	50.368	3.7168
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.8009	.00120	.00281	.00041	.00121	.00199	-.00101
SDev	.0033	.00045	.00169	.00275	.00127	.00172	.00219
%RSD	.04816	37.656	60.119	664.95	105.08	86.828	217.13
#1	6.7985	.00151	.00162	.00236	.00211	.00077	-.00256
#2	6.8032	.00088	.00400	-.00153	.00031	.00321	.00054
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00889	-.00146	.00017	.00310	.00006	.00878	-.00237
SDev	.00547	.00015	.00005	.00293	.00031	.00014	.00141
%RSD	61.534	10.017	26.902	94.545	523.92	1.6048	59.362
#1	.00502	-.00136	.00014	.00103	.00028	.00888	-.00337
#2	.01276	-.00157	.00020	.00517	-.00016	.00868	-.00138
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00042	.00149
SDev	.00011	.00006
%RSD	25.682	3.7904

#1	-.00050	.00145
#2	-.00034	.00153

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5654	--	--	--	--	--	--
SDev	22.06152	--	--	--	--	--	--
%RSD	.3902174	--	--	--	--	--	--
#1	5669	--	--	--	--	--	--
#2	5638	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839626/L (1:5) Operator: TWS
 Run Time: 07/17/08 01:19:22
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04151	.00084	.01251	.01945	.00016	37.495	.00014
SDev	.00220	.00071	.00072	.00006	.00001	.026	.00005
%RSD	5.3053	83.981	5.7650	.32019	3.1041	.07023	35.964
#1	.03995	.00034	.01302	.01941	.00016	37.514	.00017
#2	.04306	.00135	.01200	.01950	.00015	37.477	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	.00037	.00077	2.7429	.88107	10.146	.75657
SDev	.00022	.00030	.00003	.0097	.00349	.006	.00002
%RSD	103.30	80.787	3.4064	.35227	.39671	.05797	.00278
#1	.00006	.00016	.00075	2.7361	.88354	10.142	.75658
#2	.00037	.00058	.00079	2.7498	.87860	10.150	.75655
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.5397	.00032	.00229	-.00099	.00010	.00190	.00111
SDev	.0359	.00022	.00110	.00077	.00088	.00013	.00190
%RSD	2.3317	68.615	47.888	77.697	861.43	6.6556	170.61
#1	1.5143	.00016	.00307	-.00045	.00072	.00199	-.00023
#2	1.5651	.00048	.00152	-.00154	-.00052	.00181	.00246
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00375	.00098	.00000	-.00081	.00028	.00195	-.00170
SDev	.00099	.00068	.00018	.00146	.00031	.00055	.00094
%RSD	26.411	69.690	11710.	180.61	112.10	28.244	55.314
#1	.00305	.00147	-.00013	-.00185	.00049	.00234	-.00103
#2	.00445	.00050	.00013	.00022	.00006	.00156	-.00236
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00048	.00046
SDev	.00015	.00046
%RSD	30.714	101.09

#1	-.00059	.00078
#2	-.00038	.00013

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5683	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.0653285	--	--	--	--	--	--
#1	5685	--	--	--	--	--	--
#2	5680	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839626/PS Operator: TWS
 Run Time: 07/17/08 01:24:53
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.400	.21575	.25741	.30415	.20571	189.48	.20356
SDev	.028	.00034	.00014	.00065	.00039	.28	.00030
%RSD	.26716	.15688	.05389	.21273	.18854	.14679	.14773
#1	10.380	.21551	.25751	.30369	.20543	189.28	.20334
#2	10.419	.21599	.25732	.30461	.20598	189.68	.20377
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20266	.20315	.20110	23.423	15.433	59.104	3.7813
SDev	.00030	.00014	.00002	.050	.008	.163	.0068
%RSD	.14846	.06910	.01089	.21416	.04941	.27503	.18113
#1	.20287	.20305	.20108	23.388	15.428	58.989	3.7764
#2	.20245	.20325	.20111	23.458	15.438	59.219	3.7861
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.159	.20233	.20137	.20373	.20294	.21064	.20885
SDev	.079	.00037	.00097	.00052	.00003	.00109	.00362
%RSD	.45949	.18326	.48273	.25642	.01218	.51538	1.7331
#1	17.104	.20207	.20069	.20410	.20296	.21141	.20629
#2	17.215	.20259	.20206	.20336	.20293	.20988	.21141
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21780	.20707	.20444	.20591	.20552	.20567	.20690
SDev	.00221	.00274	.00009	.00300	.00018	.00053	.00153
%RSD	1.0167	1.3211	.04557	1.4564	.08873	.25558	.74046
#1	.21623	.20900	.20450	.20379	.20540	.20530	.20798
#2	.21937	.20514	.20437	.20803	.20565	.20604	.20582
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05133	.20401
SDev	.00030	.00068
%RSD	.58750	.33271

#1	.05111	.20449
#2	.05154	.20353

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5695	--	--	--	--	--	--
SDev	9.333602	--	--	--	--	--	--
%RSD	.1638940	--	--	--	--	--	--
#1	5702	--	--	--	--	--	--
#2	5688	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839627/MS Operator: TWS
 Run Time: 07/17/08 01:30:24
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.388	.21122	.25695	.30290	.20341	193.39	.20012
SDev	.014	.00232	.00189	.00217	.00066	.40	.00048
%RSD	.13168	1.1000	.73569	.71804	.32421	.20530	.24145
#1	10.398	.20958	.25561	.30136	.20294	193.67	.19978
#2	10.378	.21286	.25828	.30444	.20387	193.11	.20046
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19395	.20272	.20355	23.116	15.755	60.924	3.8219
SDev	.00000	.00003	.00083	.039	.162	.186	.0167
%RSD	.00058	.01693	.40721	.16709	1.0259	.30564	.43751
#1	.19395	.20275	.20414	23.089	15.869	60.792	3.8101
#2	.19395	.20270	.20296	23.144	15.640	61.055	3.8338
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.175	.20298	.20194	.20187	.20189	.20856	.20492
SDev	.019	.00083	.00144	.00008	.00053	.00597	.00037
%RSD	.11075	.41106	.71205	.04075	.26435	2.8620	.18069
#1	17.161	.20239	.20093	.20181	.20152	.20434	.20518
#2	17.188	.20357	.20296	.20193	.20227	.21278	.20466
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21437	.20566	.20468	.20266	.20493	.21016	.20793
SDev	.00943	.00424	.00027	.00011	.00019	.00089	.00145
%RSD	4.4004	2.0603	.13328	.05255	.09290	.42512	.69626
#1	.20770	.20267	.20487	.20259	.20507	.20953	.20896
#2	.22104	.20866	.20449	.20274	.20480	.21079	.20691
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05291	.20744
SDev	.00041	.00045
%RSD	.77520	.21500

#1	.05320	.20775
#2	.05262	.20712

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5657	--	--	--	--	--	--
SDev	.9543179	--	--	--	--	--	--
%RSD	.0168687	--	--	--	--	--	--
#1	5657	--	--	--	--	--	--
#2	5658	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839628/SD Operator: TWS
 Run Time: 07/17/08 01:35:55
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.653	.20816	.25853	.30711	.20152	197.67	.19763
SDev	.001	.00316	.00083	.00192	.00092	.09	.00048
%RSD	.00569	1.5193	.32063	.62473	.45805	.04681	.24297
#1	10.653	.20592	.25794	.30575	.20087	197.73	.19729
#2	10.652	.21040	.25911	.30847	.20218	197.60	.19797
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19130	.20110	.20284	22.803	16.372	63.795	3.9096
SDev	.00002	.00007	.00053	.031	.114	.244	.0167
%RSD	.01161	.03470	.26054	.13782	.69921	.38267	.42613
#1	.19128	.20115	.20321	22.781	16.453	63.623	3.8978
#2	.19131	.20106	.20246	22.825	16.291	63.968	3.9213
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.186	.20115	.20356	.19819	.19998	.20568	.20302
SDev	.031	.00041	.00211	.00113	.00145	.00354	.00320
%RSD	.18063	.20326	1.0361	.56814	.72675	1.7235	1.5788
#1	17.208	.20144	.20505	.19898	.20101	.20819	.20075
#2	17.164	.20086	.20207	.19739	.19895	.20318	.20528
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20639	.20533	.20929	.20373	.20371	.20929	.20657
SDev	.00274	.00669	.00132	.00566	.00001	.00065	.00031
%RSD	1.3259	3.2560	.63281	2.7807	.00515	.31016	.14808
#1	.20445	.21006	.21023	.19972	.20370	.20883	.20679
#2	.20832	.20061	.20836	.20773	.20372	.20975	.20636
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05222	.20369
SDev	.00062	.00073
%RSD	1.1949	.35619

#1	.05266	.20318
#2	.05178	.20421

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5676	--	--	--	--	--	--
SDev	17.39490	--	--	--	--	--	--
%RSD	.3064559	--	--	--	--	--	--
#1	5688	--	--	--	--	--	--
#2	5664	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839629 Operator: TWS
 Run Time: 07/17/08 01:41:26
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03565	.01039	.13728	.05983	.00013	623.22	.00085
SDev	.00345	.00023	.00007	.00012	.00008	.50	.00023
%RSD	9.6853	2.1959	.05059	.20479	65.683	.08089	26.699
#1	.03321	.01055	.13733	.05974	.00007	622.87	.00069
#2	.03810	.01023	.13723	.05991	.00019	623.58	.00101
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01474	.00164	.00122	25.294	18.258	174.39	5.6075
SDev	.00055	.00011	.00038	.021	.052	.21	.0106
%RSD	3.7312	6.6396	31.282	.08305	.28643	.12024	.18985
#1	.01435	.00156	.00095	25.280	18.221	174.25	5.5999
#2	.01512	.00171	.00148	25.309	18.295	174.54	5.6150
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.499	.01316	.00437	-.00091	.00085	.00192	.00043
SDev	.136	.00002	.00116	.00142	.00134	.00074	.00128
%RSD	.51410	.13357	26.636	156.22	157.32	38.385	298.67
#1	26.595	.01318	.00519	.00010	.00179	.00140	-.00048
#2	26.402	.01315	.00355	-.00191	-.00010	.00244	.00134
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00909	-.00167	.00248	.00263	.00088	.09482	L-.08539
SDev	.00640	.00210	.00014	.00079	.00030	.00013	.00026
%RSD	70.393	125.55	5.5294	30.034	33.774	.13905	.30533
#1	.00457	-.00019	.00238	.00319	.00109	.09492	L-.08558
#2	.01362	-.00315	.00258	.00207	.00067	.09473	L-.08521
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00124	.00928
SDev	.00024	.00042
%RSD	19.698	4.5820

#1	-.00141	.00958
#2	-.00107	.00898

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5830	--	--	--	--	--	--
SDev	13.47059	--	--	--	--	--	--
%RSD	.2310753	--	--	--	--	--	--
#1	5839	--	--	--	--	--	--
#2	5820	--	--	--	--	--	--

Analysis Report

07/17/08 01:52:24 AM

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Method: TRACE1 Sample Name: AD839630 Operator: TWS
 Run Time: 07/17/08 01:46:58
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02410	.00013	.00495	.00001	-.00004	.12854	-.00002
SDev	.00392	.00090	.00127	.00005	.00005	.06663	.00002
%RSD	16.247	683.31	25.698	375.69	122.85	51.840	107.53

#1	.02133	.00077	.00405	-.00002	-.00008	.08142	-.00001
#2	.02687	-.00050	.00585	.00005	-.00001	.17566	-.00004

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00041	.00069	.00802	.00680	.02499	.00107
SDev	.00032	.00006	.00016	.01061	.00553	.02429	.00064
%RSD	231.08	15.363	23.463	132.27	81.290	97.210	59.778

#1	-.00036	.00037	.00081	.00052	.00289	.00781	.00062
#2	.00009	.00046	.00058	.01552	.01070	.04217	.00153

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12769	.00033	.00336	-.00124	.00029	.00180	.00157
SDev	.03912	.00009	.00124	.00175	.00075	.00136	.00212
%RSD	30.637	26.035	36.863	141.07	255.91	75.510	134.92

#1	.10003	.00027	.00424	-.00247	-.00024	.00277	.00308
#2	.15536	.00039	.00249	-.00000	.00083	.00084	.00007

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00702	-.00080	.00010	.00239	.00021	.00806	-.00111
SDev	.00316	.00046	.00019	.00210	.00015	.00019	.00092
%RSD	45.087	57.143	182.13	88.125	70.815	2.3524	82.985

#1	.00925	-.00048	-.00003	.00090	.00032	.00793	-.00176
#2	.00478	-.00113	.00024	.00387	.00011	.00820	-.00046

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00002	-.00131
SDev	.00019	.00032
%RSD	1235.4	24.229

#1	.00012	-.00153
#2	-.00015	-.00108

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5799	--	--	--	--	--	--
SDev	4.985310	--	--	--	--	--	--
%RSD	.0859629	--	--	--	--	--	--
#1	5803	--	--	--	--	--	--
#2	5796	--	--	--	--	--	--

Analysis Report

07/17/08 01:57:55 AM

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Method: TRACE1 Sample Name: AD839631 Operator: TWS
 Run Time: 07/17/08 01:52:29
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7003	.00314	.01488	.15330	.00033	53.144	.00017
SDev	.0103	.00096	.00061	.00082	.00002	.112	.00020
%RSD	.21907	30.578	4.1232	.53520	4.7197	.20997	116.93
#1	4.6930	.00246	.01532	.15388	.00034	53.065	.00003
#2	4.7076	.00382	.01445	.15272	.00032	53.222	.00031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00463	.00761	.00194	7.5638	2.2584	2.5687	.45341
SDev	.00041	.00089	.00019	.0144	.0189	.0093	.00082
%RSD	8.7661	11.716	9.9099	.19065	.83650	.36368	.18180
#1	.00434	.00698	.00180	7.5536	2.2450	2.5753	.45399
#2	.00491	.00824	.00207	7.5740	2.2717	2.5621	.45283
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1747	.00272	.00346	.00185	.00238	.00337	-.00201
SDev	.0976	.00011	.00011	.00172	.00111	.00089	.00196
%RSD	1.1941	4.0252	3.1295	92.915	46.514	26.371	97.516
#1	8.1057	.00264	.00338	.00306	.00317	.00274	-.00063
#2	8.2437	.00280	.00353	.00063	.00160	.00400	-.00340
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01056	-.00022	.06057	.00104	.00592	.01001	-.00053
SDev	.00170	.00048	.00065	.00309	.00000	.00055	.00185
%RSD	16.075	216.29	1.0771	297.89	.02393	5.5150	347.89
#1	.00936	-.00057	.06011	.00322	.00592	.00962	.00078
#2	.01176	.00012	.06104	-.00115	.00592	.01040	-.00184
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00002	.00135
SDev	.00041	.00082
%RSD	1641.7	60.646

#1	-.00027	.00193
#2	.00032	.00077

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5766	--	--	--	--	--	--
SDev	2.863990	--	--	--	--	--	--
%RSD	.0496671	--	--	--	--	--	--
#1	5768	--	--	--	--	--	--
#2	5764	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839632 Operator: TWS
 Run Time: 07/17/08 01:57:59
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.977	.00151	.02396	.05977	.00108	57.706	.00085
SDev	.031	.00163	.00049	.00027	.00001	.042	.00022
%RSD	.25558	108.08	2.0637	.44798	1.1488	.07273	26.338
#1	11.999	.00036	.02431	.05996	.00109	57.735	.00101
#2	11.956	.00266	.02361	.05958	.00107	57.676	.00069
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00245	.02965	.00544	8.3107	2.2684	1.9576	.12802
SDev	.00029	.00032	.00020	.0229	.0184	.0009	.00009
%RSD	12.012	1.0665	3.7037	.27592	.81288	.04682	.06840
#1	.00265	.02943	.00558	8.3269	2.2814	1.9570	.12808
#2	.00224	.02987	.00530	8.2945	2.2553	1.9583	.12796
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.8552	.00872	.00740	.00622	.00662	.00171	-.00299
SDev	.0165	.00049	.00060	.00006	.00016	.00087	.00332
%RSD	.16694	5.6443	8.1766	1.0104	2.4137	50.917	111.30
#1	9.8436	.00837	.00698	.00627	.00650	.00109	-.00534
#2	9.8669	.00907	.00783	.00618	.00673	.00232	-.00064
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00699	-.00093	.12975	.00003	.01747	.03838	-.00130
SDev	.00381	.00060	.00238	.00247	.00028	.00049	.00023
%RSD	54.509	64.385	1.8357	9641.4	1.5895	1.2648	17.724
#1	.00430	-.00051	.12807	-.00172	.01728	.03803	-.00114
#2	.00969	-.00136	.13144	.00177	.01767	.03872	-.00146
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00017	.00149
SDev	.00003	.00123
%RSD	15.769	82.416

#1	-.00015	.00062
#2	-.00019	.00236

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5755	--	--	--	--	--	--
SDev	8.485281	--	--	--	--	--	--
%RSD	.1474329	--	--	--	--	--	--
#1	5749	--	--	--	--	--	--
#2	5761	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 02:11:53 AM

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Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/17/08 02:06:27

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.253	.49532	.49628	.50543	.50237	25.450	.49941
SDev	.042	.00128	.00003	.00060	.00075	.066	.00162
%RSD	.16619	.25809	.00581	.11781	.14901	.26065	.32493
#1	25.223	.49441	.49626	.50501	.50184	25.404	.49826
#2	25.283	.49622	.49630	.50585	.50290	25.497	.50056
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49347	.51385	.48248	24.992	25.230	25.404	.50536
SDev	.00153	.00114	.00108	.046	.084	.041	.00068
%RSD	.31064	.22221	.22406	.18262	.33239	.16262	.13552
#1	.49239	.51305	.48172	24.960	25.170	25.375	.50488
#2	.49456	.51466	.48325	25.024	25.289	25.433	.50585
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.117	.50560	.50374	.50013	.50133	.52062	.50941
SDev	.315	.00082	.00216	.00607	.00477	.00004	.00461
%RSD	1.2539	.16303	.42818	1.2139	.95101	.00704	.90576
#1	24.894	.50502	.50222	.49583	.49796	.52064	.50614
#2	25.339	.50619	.50527	.50442	.50470	.52059	.51267
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53093	.51547	.51105	.50382	.49533	.50410	.50990
SDev	.00400	.00205	.00069	.00192	.00180	.00094	.00337
%RSD	.75294	.39844	.13429	.38057	.36374	.18685	.66126
#1	.52810	.51692	.51056	.50247	.49406	.50343	.50752
#2	.53376	.51401	.51154	.50518	.49661	.50477	.51229
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.49189	.49137
SDev	.00081	.00273
%RSD	.16510	.55631

#1	.49132	.48944
#2	.49246	.49330

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5751	--	--	--	--	--	--
SDev	3.818308	--	--	--	--	--	--
%RSD	.0663921	--	--	--	--	--	--
#1	5748	--	--	--	--	--	--
#2	5754	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 02:17:24 AM

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Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/17/08 02:11:58

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01638	-.00073	.00030	.00017	.00021	.02978	.00039
SDev	.00076	.00093	.00033	.00000	.00003	.00019	.00007
%RSD	4.6328	127.70	109.19	.01435	13.618	.62473	18.667
#1	.01584	-.00139	.00054	.00017	.00023	.02965	.00044
#2	.01692	-.00007	.00007	.00017	.00019	.02991	.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00036	.00073	.01699	.02407	.02193	.00032
SDev	.00022	.00036	.00026	.00588	.00485	.00217	.00003
%RSD	511.31	100.02	35.926	34.644	20.155	9.9104	10.677
#1	.00020	.00011	.00055	.01283	.02750	.02347	.00034
#2	-.00011	.00062	.00092	.02115	.02064	.02039	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10349	.00099	.00118	-.00046	.00009	.00171	-.00183
SDev	.02756	.00064	.00067	.00189	.00149	.00023	.00538
%RSD	26.633	64.293	56.924	415.42	1670.9	13.524	293.83
#1	.08400	.00054	.00071	-.00179	-.00096	.00187	.00197
#2	.12297	.00144	.00166	.00088	.00114	.00155	-.00564
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00334	.00089	.00050	.00267	.00087	-.00008	.00070
SDev	.00175	.00122	.00001	.00274	.00046	.00055	.00070
%RSD	52.564	136.80	2.2640	102.68	52.897	700.49	99.607
#1	.00210	.00176	.00051	.00461	.00120	-.00047	.00021
#2	.00458	.00003	.00049	.00073	.00054	.00031	.00120
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00015	.00123
SDev	.00012	.00051
%RSD	78.107	41.253

#1	.00023	.00159
#2	.00007	.00087

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5706	--	--	--	--	--	--
SDev	.3183362	--	--	--	--	--	--
%RSD	.0055789	--	--	--	--	--	--
#1	5706	--	--	--	--	--	--
#2	5706	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839633 Operator: TWS
 Run Time: 07/17/08 02:17:28
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13052	.05981	.11751	.03980	.00019	88.004	.00030
SDev	.00213	.00043	.00019	.00017	.00000	.150	.00029
%RSD	1.6312	.72449	.16306	.43327	1.8659	.17093	96.095
#1	.12901	.06012	.11737	.03968	.00019	88.111	.00050
#2	.13202	.05951	.11765	.03993	.00018	87.898	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.01540	.03087	2.2604	255.97	15.036	.52301
SDev	.00003	.00048	.00018	.0077	1.01	.028	.00093
%RSD	3.4295	3.1131	.56853	.34040	.39530	.18292	.17797
#1	.00105	.01574	.03100	2.2549	256.68	15.016	.52235
#2	.00100	.01506	.03075	2.2658	255.25	15.055	.52367
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H578.54	.01402	.01005	.00761	.00842	.00731	.00137
SDev	.73	.00040	.00137	.00280	.00141	.00072	.00086
%RSD	.12598	2.8248	13.615	36.797	16.759	9.8349	62.679
#1	H578.02	.01430	.01102	.00563	.00742	.00680	.00198
#2	H579.06	.01374	.00909	.00959	.00942	.00781	.00076
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01047	.00572	.02843	.00231	.03193	.05451	L-.01418
SDev	.00142	.00178	.00037	.00070	.00041	.00037	.00160
%RSD	13.518	31.195	1.3085	30.238	1.2840	.68653	11.316
#1	.01147	.00446	.02869	.00280	.03222	.05424	L-.01304
#2	.00947	.00699	.02817	.00182	.03164	.05477	L-.01531
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00050	.00474
SDev	.00079	.00022
%RSD	155.78	4.5821

#1	.00005	.00459
#2	-.00106	.00489

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5665	--	--	--	--	--	--
SDev	17.92523	--	--	--	--	--	--
%RSD	.3164220	--	--	--	--	--	--
#1	5652	--	--	--	--	--	--
#2	5678	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839634 Operator: TWS
 Run Time: 07/17/08 02:22:59
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04011	.01399	3.3150	.31470	.00021	194.50	.00037
SDev	.00228	.00125	.0046	.00084	.00002	.05	.00005
%RSD	5.6948	8.9052	.13840	.26822	10.329	.02826	14.332
#1	.04172	.01311	3.3183	.31530	.00023	194.54	.00033
#2	.03849	.01487	3.3118	.31410	.00020	194.46	.00041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00482	.00647	.01506	7.4214	70.009	87.885	1.8156
SDev	.00051	.00073	.00092	.0067	.085	.141	.0045
%RSD	10.603	11.328	6.0831	.09042	.12156	.16072	.24913
#1	.00518	.00596	.01441	7.4262	69.949	87.985	1.8188
#2	.00446	.00699	.01570	7.4167	70.069	87.785	1.8124
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H416.75	.01667	.00300	-.00061	.00059	.00197	.00036
SDev	.41	.00035	.00082	.00224	.00122	.00239	.00300
%RSD	.09776	2.0798	27.163	368.00	205.73	121.44	827.61
#1	H417.04	.01692	.00243	.00098	.00146	.00366	-.00176
#2	H416.47	.01643	.00358	-.00219	-.00027	.00028	.00248
Errors	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00992	-.00201	.00113	.00121	.00207	.01824	L-.02580
SDev	.00090	.00313	.00001	.00018	.00015	.00042	.00196
%RSD	9.1007	156.02	.82025	15.079	7.2954	2.3222	7.6067
#1	.01056	.00021	.00114	.00134	.00217	.01794	L-.02441
#2	.00928	-.00422	.00112	.00108	.00196	.01854	L-.02719
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00073	.00653
SDev	.00023	.00022
%RSD	31.429	3.3091

#1	-.00056	.00668
#2	-.00089	.00638

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5602	--	--	--	--	--	--
SDev	13.04626	--	--	--	--	--	--
%RSD	.2328992	--	--	--	--	--	--
#1	5611	--	--	--	--	--	--
#2	5592	--	--	--	--	--	--

Analysis Report

07/17/08 02:33:57 AM

page 1

Method: TRACE1 Sample Name: AD839635 Operator: TWS
 Run Time: 07/17/08 02:28:30
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18369	.00080	.03642	.02167	.00010	44.641	.00005
SDev	.00166	.00026	.00099	.00020	.00006	.473	.00021
%RSD	.90458	32.481	2.7146	.93480	61.901	1.0599	423.70
#1	.18486	.00098	.03712	.02181	.00014	44.976	-.00010
#2	.18251	.00062	.03572	.02153	.00006	44.307	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00026	.00094	.00489	.11770	1.8517	8.5597	.01357
SDev	.00020	.00029	.00000	.00611	.0086	.0745	.00003
%RSD	75.498	30.515	.00454	5.1884	.46347	.86988	.20652
#1	-.00012	.00114	.00489	.11338	1.8577	8.6123	.01359
#2	-.00041	.00073	.00489	.12202	1.8456	8.5070	.01355
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.012	.00100	.00540	-.00173	.00065	.00363	-.00005
SDev	.242	.00036	.00062	.00111	.00094	.00131	.00476
%RSD	1.3451	36.187	11.407	64.202	145.96	36.005	10308.
#1	18.184	.00075	.00584	-.00094	.00132	.00455	-.00341
#2	17.841	.00126	.00497	-.00251	-.00002	.00270	.00332
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00581	.00253	.00132	.00153	.00087	.00880	-.00260
SDev	.00328	.00032	.00000	.00067	.00014	.00026	.00165
%RSD	56.467	12.538	.27673	43.898	16.596	2.9577	63.347
#1	.00813	.00276	.00132	.00200	.00077	.00899	-.00377
#2	.00349	.00231	.00133	.00105	.00097	.00862	-.00144
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00010	.00163
SDev	.00012	.00195
%RSD	124.58	119.90

#1	-.00019	.00301
#2	-.00001	.00025

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5703	--	--	--	--	--	--
SDev	40.19909	--	--	--	--	--	--
%RSD	.7049040	--	--	--	--	--	--
#1	5674	--	--	--	--	--	--
#2	5731	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839636 Operator: TWS
 Run Time: 07/17/08 02:34:01
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26353	.00002	.03337	.01909	.00007	57.556	-.00004
SDev	.00014	.00034	.00014	.00003	.00001	.051	.00002
%RSD	.05334	1432.6	.40850	.14916	12.266	.08786	53.699

#1	.26343	.00026	.03347	.01907	.00007	57.592	-.00006
#2	.26363	-.00022	.03328	.01911	.00006	57.521	-.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.00065	.00299	.17467	1.8506	8.7910	.01331
SDev	.00032	.00030	.00034	.00117	.0063	.0010	.00002
%RSD	157.79	46.263	11.379	.66712	.33787	.01183	.14616

#1	.00002	.00086	.00324	.17549	1.8550	8.7903	.01330
#2	-.00043	.00044	.00275	.17384	1.8462	8.7917	.01332

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.161	.00160	.00353	-.00049	.00085	.00222	.00040
SDev	.295	.00071	.00259	.00031	.00066	.00151	.00196
%RSD	1.8244	44.211	73.378	62.265	77.671	67.922	489.12

#1	16.369	.00110	.00536	-.00071	.00131	.00116	.00179
#2	15.952	.00210	.00170	-.00027	.00038	.00329	-.00099

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00548	.00060	.00162	.00230	.00109	.00666	-.00227
SDev	.00019	.00236	.00009	.00038	.00046	.00056	.00070
%RSD	3.4094	395.31	5.6500	16.685	42.309	8.4281	30.898

#1	.00561	-.00107	.00168	.00203	.00076	.00706	-.00177
#2	.00534	.00226	.00155	.00257	.00141	.00627	-.00276

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.00005	.00266
SDev	.00022	.00023
%RSD	429.89	8.5130

#1	-.00010	.00250
#2	.00020	.00282

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5700	--	--	--	--	--	--
SDev	6.257964	--	--	--	--	--	--
%RSD	.1097845	--	--	--	--	--	--
#1	5696	--	--	--	--	--	--
#2	5705	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839637 Operator: TWS
 Run Time: 07/17/08 02:39:33
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14289	-.00041	.02754	.02343	.00002	33.407	-.00002
SDev	.00020	.00181	.00010	.00003	.00004	.057	.00006
%RSD	.13893	446.10	.36563	.10898	198.39	.16976	264.68
#1	.14303	.00088	.02747	.02345	-.00001	33.367	.00002
#2	.14275	-.00169	.02761	.02341	.00004	33.447	-.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00054	.00225	.15248	1.7320	9.0836	.01389
SDev	.00030	.00036	.00006	.00161	.0048	.0312	.00003
%RSD	50.571	67.220	2.7262	1.0553	.27829	.34328	.24870
#1	-.00081	.00028	.00229	.15362	1.7286	9.0616	.01392
#2	-.00039	.00080	.00220	.15135	1.7354	9.1057	.01387
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.289	.00130	.00472	-.00070	.00110	-.00035	-.00074
SDev	.045	.00119	.00113	.00069	.00084	.00030	.00090
%RSD	.33590	91.601	24.051	98.600	76.374	83.955	122.27
#1	13.257	.00213	.00391	-.00120	.00051	-.00014	-.00137
#2	13.320	.00046	.00552	-.00021	.00170	-.00056	-.00010
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	-.00221	.00194	-.00067	.00054	.00131	-.00045
SDev	.00317	.00114	.00050	.00219	.00000	.00056	.00093
%RSD	94.495	51.627	25.818	327.31	.11027	42.747	206.66
#1	.00559	-.00301	.00229	-.00222	.00054	.00091	.00021
#2	.00111	-.00140	.00158	.00088	.00054	.00170	-.00111
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00019	.00025
SDev	.00019	.00124
%RSD	98.411	494.77

#1	-.00006	.00112
#2	-.00032	-.00062

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5728	--	--	--	--	--	--
SDev	13.78858	--	--	--	--	--	--
%RSD	.2407393	--	--	--	--	--	--
#1	5737	--	--	--	--	--	--
#2	5718	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839638 Operator: TWS
 Run Time: 07/17/08 02:45:05
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20528	-.00065	.02723	.02388	.00002	33.731	-.00008
SDev	.00273	.00209	.00158	.00007	.00006	.038	.00015
%RSD	1.3316	321.47	5.8096	.30671	307.78	.11316	190.52

#1	.20721	-.00213	.02835	.02393	.00007	33.758	.00003
#2	.20335	.00083	.02611	.02383	-.00002	33.704	-.00018

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00105	.00341	.34219	1.7493	9.1436	.02179
SDev	.00024	.00036	.00011	.00117	.0124	.0440	.00005
%RSD	204.08	34.177	3.1268	.34118	.71093	.48101	.23848

#1	-.00005	.00080	.00333	.34137	1.7405	9.1747	.02183
#2	.00029	.00131	.00348	.34302	1.7581	9.1125	.02176

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.224	.00133	.00331	.00108	.00182	.00113	-.00190
SDev	.104	.00049	.00046	.00063	.00058	.00175	.00006
%RSD	.78828	36.624	14.009	58.505	31.625	154.89	3.0511

#1	13.297	.00098	.00298	.00064	.00142	-.00011	-.00185
#2	13.150	.00167	.00364	.00153	.00223	.00236	-.00194

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00247	.00045	.00276	.00273	.00108	.00197	-.00226
SDev	.00067	.00228	.00023	.00033	.00015	.00038	.00303
%RSD	27.065	502.16	8.3085	11.930	14.389	19.172	134.29

#1	.00200	-.00116	.00260	.00296	.00119	.00223	-.00440
#2	.00294	.00207	.00292	.00250	.00097	.00170	-.00011

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00030	.00100
SDev	.00017	.00101
%RSD	57.240	100.51

#1	-.00041	.00029
#2	-.00018	.00171

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5719	--	--	--	--	--	--
SDev	13.57624	--	--	--	--	--	--
%RSD	.2373926	--	--	--	--	--	--
#1	5709	--	--	--	--	--	--
#2	5728	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839638/L (1:5) Operator: TWS
 Run Time: 07/17/08 02:50:37
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	.04228	.00035	.00626	.00492	.00014	6.8126	-.00010
SDev	.00123	.00063	.00048	.00004	.00001	.0175	.00014
%RSD	2.9153	179.78	7.6276	.82159	6.7137	.25654	135.33

#1	.04316	-.00010	.00592	.00489	.00014	6.8002	-.00000
#2	.04141	.00080	.00660	.00495	.00013	6.8249	-.00020

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	-.00014	.00067	.00145	.07523	.33823	1.8587	.00458
SDev	.00016	.00019	.00013	.00505	.01720	.0022	.00004
%RSD	115.93	28.691	8.7011	6.7063	5.0864	.12055	.90700

#1	-.00002	.00081	.00136	.07166	.32607	1.8603	.00455
#2	-.00025	.00054	.00154	.07879	.35040	1.8571	.00461

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	2.8169	.00031	.00310	.00098	.00169	.00163	.00208
SDev	.0335	.00043	.00004	.00058	.00040	.00147	.00027
%RSD	1.1900	136.33	1.1780	58.983	23.591	90.250	12.928

#1	2.8406	.00061	.00307	.00057	.00140	.00267	.00189
#2	2.7932	.00001	.00312	.00139	.00197	.00059	.00227

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	.00654	-.00083	.00071	.00048	.00044	.00057	-.00295
SDev	.00051	.00195	.00033	.00073	.00015	.00038	.00071
%RSD	7.8241	235.26	46.535	152.13	35.216	65.990	23.904

#1	.00690	.00055	.00048	.00100	.00033	.00030	-.00345
#2	.00618	-.00221	.00094	-.00004	.00055	.00083	-.00245

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00014	.00021
SDev	.00024	.00028
%RSD	171.21	134.59

#1	-.00031	.00040
#2	.00003	.00001

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5648	--	--	--	--	--	--
SDev	8.166946	--	--	--	--	--	--
%RSD	.1446059	--	--	--	--	--	--
#1	5654	--	--	--	--	--	--
#2	5642	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839638/PS Operator: TWS
 Run Time: 07/17/08 02:56:10
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.599	.20755	.22966	.23286	.20743	43.253	.20693
SDev	.002	.00131	.00040	.00098	.00027	.056	.00071
%RSD	.02309	.63195	.17573	.42290	.12992	.12975	.34179
#1	10.597	.20663	.22995	.23356	.20762	43.213	.20743
#2	10.600	.20848	.22937	.23217	.20724	43.292	.20643
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20458	.20736	.20335	10.732	12.539	19.336	.22807
SDev	.00076	.00026	.00072	.029	.081	.016	.00051
%RSD	.37165	.12507	.35302	.26889	.64826	.08253	.22136
#1	.20404	.20718	.20284	10.752	12.481	19.347	.22843
#2	.20512	.20755	.20386	10.711	12.596	19.325	.22772
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	23.229	.20718	.20575	.20475	.20508	.21198	.20275
SDev	.133	.00058	.00122	.00197	.00091	.00248	.00104
%RSD	.57157	.27967	.59178	.96068	.44202	1.1707	.51489
#1	23.135	.20678	.20489	.20614	.20572	.21022	.20348
#2	23.322	.20759	.20661	.20336	.20444	.21373	.20201
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21634	.20980	.20839	.20730	.20762	.20951	.20967
SDev	.00636	.00054	.00022	.00036	.00049	.00020	.00012
%RSD	2.9383	.25940	.10681	.17606	.23847	.09363	.05526
#1	.21185	.20941	.20824	.20704	.20727	.20965	.20959
#2	.22084	.21018	.20855	.20756	.20797	.20937	.20975
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05136	.20560
SDev	.00044	.00171
%RSD	.84967	.83321

#1	.05167	.20681
#2	.05105	.20439

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5758	--	--	--	--	--	--
SDev	9.545941	--	--	--	--	--	--
%RSD	.1657972	--	--	--	--	--	--
#1	5764	--	--	--	--	--	--
#2	5751	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839639/MD Operator: TWS
 Run Time: 07/17/08 03:01:42
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.23114	.00093	.02662	.02275	-.00012	32.188	.00003
SDev	.00996	.00023	.00106	.00072	.00018	.922	.00001
%RSD	4.3069	24.277	3.9873	3.1516	152.30	2.8643	20.263

#1	.23818	.00077	.02738	.02326	.00001	32.840	.00003
#2	.22410	.00109	.02587	.02224	-.00025	31.536	.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00030	.00103	.00321	.33502	1.6650	8.7327	.02087
SDev	.00019	.00009	.00007	.01490	.0231	.2545	.00064
%RSD	63.690	8.6518	2.2188	4.4468	1.3855	2.9138	3.0446

#1	-.00017	.00109	.00316	.34556	1.6813	8.9127	.02132
#2	-.00044	.00096	.00326	.32449	1.6487	8.5528	.02042

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.729	.00131	.00390	.00120	.00210	.00081	.00112
SDev	.265	.00021	.00184	.00067	.00106	.00125	.00163
%RSD	2.0828	16.171	47.041	55.997	50.460	154.10	145.45

#1	12.917	.00146	.00261	.00073	.00135	.00169	.00228
#2	12.542	.00116	.00520	.00168	.00285	-.00007	-.00003

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00574	-.00165	.00288	.00404	.00116	.00213	-.00253
SDev	.00144	.00115	.00062	.00300	.00003	.00010	.00156
%RSD	25.175	69.614	21.395	74.221	2.2585	4.6010	61.596

#1	.00676	-.00084	.00332	.00616	.00117	.00220	-.00143
#2	.00472	-.00247	.00245	.00192	.00114	.00206	-.00363

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.00001	.00082
SDev	.00033	.00131
%RSD	2557.8	159.74

#1	-.00022	-.00011
#2	.00025	.00174

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5848	--	--	--	--	--	--
SDev	130.3552	--	--	--	--	--	--
%RSD	2.229066	--	--	--	--	--	--
#1	5756	--	--	--	--	--	--
#2	5940	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839640/MS Operator: TWS
 Run Time: 07/17/08 03:07:15
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.091	.19759	.22115	.22165	.19754	41.873	.19622
SDev	.077	.00224	.00306	.00128	.00131	.282	.00061
%RSD	.76595	1.1357	1.3841	.57635	.66119	.67455	.31356
#1	10.036	.19600	.21898	.22075	.19661	41.673	.19579
#2	10.146	.19917	.22331	.22256	.19846	42.072	.19666
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18793	.19718	.19691	10.248	11.899	18.650	.21870
SDev	.00198	.00137	.00129	.081	.070	.129	.00108
%RSD	1.0561	.69578	.65362	.79006	.58710	.69367	.49235
#1	.18652	.19621	.19600	10.191	11.850	18.559	.21794
#2	.18933	.19815	.19782	10.306	11.949	18.742	.21947
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.422	.19836	.19897	.19613	.19708	.20124	.19535
SDev	.186	.00200	.00114	.00034	.00061	.00289	.00216
%RSD	.82790	1.0089	.57401	.17242	.30743	1.4339	1.1075
#1	22.291	.19695	.19817	.19590	.19665	.20328	.19382
#2	22.553	.19978	.19978	.19637	.19751	.19920	.19688
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20897	.19737	.19826	.19835	.19779	.20347	.20427
SDev	.00081	.00392	.00131	.00176	.00153	.00216	.00166
%RSD	.38855	1.9873	.66025	.88477	.77361	1.0641	.81231
#1	.20955	.20015	.19733	.19959	.19670	.20194	.20310
#2	.20840	.19460	.19919	.19711	.19887	.20500	.20544
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05024	.20105
SDev	.00065	.00260
%RSD	1.2870	1.2944

#1	.04978	.19921
#2	.05070	.20289

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5707	--	--	--	--	--	--
SDev	39.66876	--	--	--	--	--	--
%RSD	.6951382	--	--	--	--	--	--
#1	5735	--	--	--	--	--	--
#2	5679	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 03:21:12 AM

page 1

Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/17/08 03:15:45

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.510	.49534	.49956	.50783	.50568	25.654	.50084
SDev	.054	.00455	.00171	.00105	.00002	.010	.00108
%RSD	.20997	.91867	.34265	.20709	.00469	.03950	.21509
#1	25.472	.49856	.50077	.50708	.50570	25.662	.50160
#2	25.548	.49212	.49835	.50857	.50567	25.647	.50008
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49753	.52045	.48863	25.194	25.651	25.606	.50809
SDev	.00008	.00011	.00072	.020	.116	.019	.00011
%RSD	.01542	.02087	.14789	.07935	.45111	.07266	.02104
#1	.49758	.52037	.48812	25.180	25.569	25.593	.50801
#2	.49747	.52052	.48914	25.208	25.733	25.620	.50816
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.432	.51088	.50694	.51060	.50938	.52631	.51162
SDev	.040	.00124	.00197	.00040	.00038	.00222	.00262
%RSD	.15799	.24227	.38804	.07942	.07550	.42283	.51145
#1	25.403	.51176	.50833	.51031	.50965	.52789	.50977
#2	25.460	.51001	.50555	.51089	.50911	.52474	.51347
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53254	.52321	.51689	.50665	.50052	.50781	.51474
SDev	.00111	.00389	.00025	.00229	.00073	.00095	.00262
%RSD	.20786	.74380	.04793	.45099	.14606	.18729	.50916
#1	.53176	.52596	.51672	.50503	.50000	.50713	.51659
#2	.53333	.52046	.51707	.50826	.50103	.50848	.51288
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.49775	.49601
SDev	.00038	.00094
%RSD	.07703	.18993

#1	.49748	.49534
#2	.49802	.49667

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5706	--	--	--	--	--	--
SDev	16.12190	--	--	--	--	--	--
%RSD	.2825206	--	--	--	--	--	--
#1	5695	--	--	--	--	--	--
#2	5718	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 03:26:44 AM

page 1

Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/17/08 03:21:17

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	-.00073	.00070	.00003	-.00002	.00694	.00006
SDev	.00061	.00089	.00076	.00003	.00004	.00178	.00002
%RSD	98.877	121.58	108.85	129.82	212.12	25.588	40.266
#1	.00018	-.00010	.00124	.00005	.00001	.00569	.00004
#2	.00104	-.00135	.00016	.00000	-.00004	.00820	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00060	.00100	.01629	.00225	.00018	.00010
SDev	.00000	.00019	.00036	.00490	.01673	.00075	.00000
%RSD	4.5910	31.915	35.480	30.100	742.96	413.59	.52401
#1	-.00002	.00074	.00075	.01976	.01408	.00071	.00010
#2	-.00002	.00047	.00125	.01282	-.00958	-.00035	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14609	.00008	.00360	-.00149	.00020	.00058	.00029
SDev	.10020	.00022	.00185	.00023	.00046	.00067	.00026
%RSD	68.588	285.46	51.449	15.713	225.95	115.75	91.264
#1	.07524	.00023	.00492	-.00166	.00053	.00105	.00047
#2	.21695	-.00008	.00229	-.00133	-.00012	.00011	.00010
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00163	.00006	.00018	.00124	.00054	.00031	-.00045
SDev	.00039	.00081	.00010	.00380	.00031	.00036	.00140
%RSD	24.090	1468.0	56.073	306.17	56.224	118.03	309.71
#1	.00191	.00063	.00025	-.00145	.00033	.00005	.00054
#2	.00135	-.00052	.00011	.00393	.00076	.00057	-.00144
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00025	.00028
SDev	.00003	.00009
%RSD	10.001	32.917

#1	.00023	.00035
#2	.00026	.00022

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5711	--	--	--	--	--	--
SDev	5.197304	--	--	--	--	--	--
%RSD	.0910047	--	--	--	--	--	--
#1	5707	--	--	--	--	--	--
#2	5715	--	--	--	--	--	--

TestAmerica Buffalo

Analyst: TWSPrimary Review: AH Date: 7/17/08 Secondary Review: TWS Date: 7/17/08

Spikes: 4-MDL-9, 11-MDL-14, 11-176-E, 12-030-F, 1-MDL-12

Pipettes: 05-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-029-A	1071608	TRACE1	07/16/08	10:59	X	IR	
2	STD 1 12-035-C	1071608	TRACE1	07/16/08	11:05	X	IR	
3	STD 2 12-035-D	1071608	TRACE1	07/16/08	11:10	X	IR	
4	STD 3 12-035-B	1071608	TRACE1	07/16/08	11:15	X	IR	
5	STD 3 VER <u>+</u>	1071608	TRACE1	07/16/08	11:20	TWS	B	CONC
6	ICV 12-033-E	1071608	TRACE1	07/16/08	11:26	TWS	Q	CONC
7	ICB 12-029-A	1071608	TRACE1	07/16/08	11:31	TWS	B	CONC
8	CRI 12-032-A	1071608	TRACE1	07/16/08	11:37	TWS	B	CONC
9	ICSA 12-030-B	1071608	TRACE1	07/16/08	11:47	TWS	Q	CONC
10	ICSAB 12-030-C	1071608	TRACE1	07/16/08	11:53	TWS	Q	CONC
11	CCV 12-031-F	1071608	TRACE1	07/16/08	12:01	TWS	Q	CONC
12	CCB 12-029-A	1071608	TRACE1	07/16/08	12:07	TWS	B	CONC
13	AD839533/PB	1071608	TRACE1	07/16/08	12:13	TWS	S	CONC
14	AD839532/CLPSL	1071608	TRACE1	07/16/08	12:18	TWS	S	CONC
15	AD839517 8339	1071608	TRACE1	07/16/08	12:24	TWS	S	CONC
16	AD839518	1071608	TRACE1	07/16/08	12:29	TWS	S	CONC
17	AD839519	1071608	TRACE1	07/16/08	12:35	TWS	S	CONC
18	AD839520	1071608	TRACE1	07/16/08	12:40	TWS	S	CONC
19	AD839521	1071608	TRACE1	07/16/08	12:46	TWS	S	CONC
20	AD839522	1071608	TRACE1	07/16/08	12:51	TWS	S	CONC
21	AD839523	1071608	TRACE1	07/16/08	12:56	TWS	S	CONC
22	AD839524	1071608	TRACE1	07/16/08	13:02	TWS	S	CONC
23	CCV	1071608	TRACE1	07/16/08	13:11	TWS	Q	CONC
24	CCB	1071608	TRACE1	07/16/08	13:17	TWS	B	CONC
25	AD839506/PB	1071608	TRACE1	07/16/08	13:22	TWS	S	CONC
26	AD839505/FB 8345	1071608	TRACE1	07/16/08	13:28	TWS	S	CONC
27	AD839485	1071608	TRACE1	07/16/08	13:33	TWS	S	CONC
28	AD839486	1071608	TRACE1	07/16/08	13:40	TWS	S	CONC
29	AD839487	1071608	TRACE1	07/16/08	13:47	TWS	S	CONC
30	AD839488	1071608	TRACE1	07/16/08	13:54	TWS	S	CONC
31	AD839489	1071608	TRACE1	07/16/08	14:01	TWS	S	CONC
32	AD839490	1071608	TRACE1	07/16/08	14:08	TWS	S	CONC
33	AD839485/(1:100)	1071608	TRACE1	07/16/08	14:48	TWS	S	CONC
34	AD839485/(1:10)	1071608	TRACE1	07/16/08	14:53	TWS	S	CONC
35	CCV	1071608	TRACE1	07/16/08	15:02	TWS	Q	CONC
36	CCB	1071608	TRACE1	07/16/08	15:07	TWS	B	CONC
37	AD839486/(1:20)	1071608	TRACE1	07/16/08	15:13	TWS	S	CONC
38	AD839487/(1:50)	1071608	TRACE1	07/16/08	15:18	TWS	S	CONC
39	AD839487/(1:10)	1071608	TRACE1	07/16/08	15:24	TWS	S	CONC
40	AD839488/(1:200)	1071608	TRACE1	07/16/08	15:31	TWS	S	CONC
41	AD839488/(1:10)	1071608	TRACE1	07/16/08	15:36	TWS	S	CONC
42	AD839489/(1:20)	1071608	TRACE1	07/16/08	15:45	TWS	S	CONC
43	AD839490/(1:10)	1071608	TRACE1	07/16/08	15:50	TWS	S	CONC
44	AD839491	1071608	TRACE1	07/16/08	16:10	TWS	S	CONC
45	AD839492 8366	1071608	TRACE1	07/16/08	16:15	TWS	S	CONC
46	AD839493	1071608	TRACE1	07/16/08	16:21	TWS	S	CONC
47	CCV	1071608	TRACE1	07/16/08	16:29	TWS	Q	CONC
48	CCB	1071608	TRACE1	07/16/08	16:35	TWS	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD839494	1071608	TRACE1	07/16/08	16:40	TWS	S	CONC
50	AD839494/L (1:5)	1071608	TRACE1	07/16/08	16:46	TWS	S	CONC
51	AD839494/PS	1071608	TRACE1	07/16/08	16:51	TWS	S	CONC
52	AD839495/MS	1071608	TRACE1	07/16/08	16:57	TWS	S	CONC
53	AD839496/SD	1071608	TRACE1	07/16/08	17:02	TWS	S	CONC
54	AD839497	1071608	TRACE1	07/16/08	17:08	TWS	S	CONC
55	AD839498	1071608	TRACE1	07/16/08	17:13	TWS	S	CONC
56	AD839499	1071608	TRACE1	07/16/08	17:19	TWS	S	CONC
57	AD839500	1071608	TRACE1	07/16/08	17:24	TWS	S	CONC
58	AD839501	1071608	TRACE1	07/16/08	17:30	TWS	S	CONC
59	CCV	1071608	TRACE1	07/16/08	17:38	TWS	Q	CONC
60	CCB	1071608	TRACE1	07/16/08	17:44	TWS	B	CONC
61	AD839502	1071608	TRACE1	07/16/08	17:49	TWS	S	CONC
62	AD839503	1071608	TRACE1	07/16/08	17:55	TWS	S	CONC
63	AD839504	1071608	TRACE1	07/16/08	18:00	TWS	S	CONC
64	AD839388/PB	1071608	TRACE1	07/16/08	18:09	TWS	S	CONC
65	AD839387/FB	1071608	TRACE1	07/16/08	18:14	TWS	S	CONC
66	AD839379	1071608	TRACE1	07/16/08	18:20	TWS	S	CONC
67	AD839380	1071608	TRACE1	07/16/08	18:25	TWS	S	CONC
68	AD839381	1071608	TRACE1	07/16/08	18:31	TWS	S	CONC
69	AD839382	1071608	TRACE1	07/16/08	18:36	TWS	S	CONC
70	AD839383	1071608	TRACE1	07/16/08	18:42	TWS	S	CONC
71	CCV	1071608	TRACE1	07/16/08	18:50	TWS	Q	CONC
72	CCB	1071608	TRACE1	07/16/08	18:56	TWS	B	CONC
73	AD839383/L (1:5)	1071608	TRACE1	07/16/08	19:01	TWS	S	CONC
74	AD839383/PS	1071608	TRACE1	07/16/08	19:07	TWS	S	CONC
75	AD839384/MS	1071608	TRACE1	07/16/08	19:12	TWS	S	CONC
76	AD839385/SD	1071608	TRACE1	07/16/08	19:18	TWS	S	CONC
77	AD839386	1071608	TRACE1	07/16/08	19:23	TWS	S	CONC
78	AD839368	1071608	TRACE1	07/16/08	19:29	TWS	S	CONC
79	AD839369	1071608	TRACE1	07/16/08	19:34	TWS	S	CONC
80	CRI	1071608	TRACE1	07/16/08	19:46	TWS	B	CONC
81	ICSA	1071608	TRACE1	07/16/08	19:51	TWS	Q	CONC
82	ICSAB	1071608	TRACE1	07/16/08	19:56	TWS	Q	CONC
83	CCV	1071608	TRACE1	07/16/08	20:05	TWS	Q	CONC
84	CCB	1071608	TRACE1	07/16/08	20:10	TWS	B	CONC
85	STD BLK	1071608	TRACE1	07/16/08	20:28		X	IR
86	STD 1	1071608	TRACE1	07/16/08	20:34		X	IR
87	STD 2	1071608	TRACE1	07/16/08	20:39		X	IR
88	STD 3	1071608	TRACE1	07/16/08	20:44		X	IR
89	STD 3 VER	1071608	TRACE1	07/16/08	20:49	TWS	B	CONC
90	ICV	1071608	TRACE1	07/16/08	20:55	TWS	Q	CONC
91	ICB	1071608	TRACE1	07/16/08	21:00	TWS	B	CONC
92	CRI	1071608	TRACE1	07/16/08	21:06	TWS	B	CONC
93	ICSA	1071608	TRACE1	07/16/08	21:11	TWS	Q	CONC
94	ICSAB	1071608	TRACE1	07/16/08	21:17	TWS	Q	CONC
95	CCV	1071608	TRACE1	07/16/08	21:25	TWS	Q	CONC
96	CCB	1071608	TRACE1	07/16/08	21:31	TWS	B	CONC
97	AD839370	1071608	TRACE1	07/16/08	21:36	TWS	S	CONC
98	AD839371	1071608	TRACE1	07/16/08	21:42	TWS	S	CONC
99	AD839372	1071608	TRACE1	07/16/08	21:47	TWS	S	CONC
100	AD839373	1071608	TRACE1	07/16/08	21:53	TWS	S	CONC
101	AD839374	1071608	TRACE1	07/16/08	21:58	TWS	S	CONC
102	AD839375	1071608	TRACE1	07/16/08	22:04	TWS	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD839376	1071608	TRACE1	07/16/08	22:09	TWS	S	CONC
104	AD839377	1071608	TRACE1	07/16/08	22:15	TWS	S	CONC
105	AD839378	1071608	TRACE1	07/16/08	22:20	TWS	S	CONC
106	AD839745/PB	1071608	TRACE1	07/16/08	22:29	TWS	S	CONC
107	CCV	1071608	TRACE1	07/16/08	22:36	TWS	Q	CONC
108	CCB	1071608	TRACE1	07/16/08	22:41	TWS	B	CONC
109	AD839744/FB	1071608	TRACE1	07/16/08	22:47	TWS	S	CONC
110	AD839730 8254	1071608	TRACE1	07/16/08	22:52	TWS	S	CONC
111	AD839731	1071608	TRACE1	07/16/08	22:58	TWS	S	CONC
112	AD839732	1071608	TRACE1	07/16/08	23:03	TWS	S	CONC
113	AD839733	1071608	TRACE1	07/16/08	23:09	TWS	S	CONC
114	AD839734	1071608	TRACE1	07/16/08	23:14	TWS	S	CONC
115	AD839734/L (1:5)	1071608	TRACE1	07/16/08	23:20	TWS	S	CONC
116	AD839734/PS	1071608	TRACE1	07/16/08	23:25	TWS	S	CONC
117	AD839735/MS	1071608	TRACE1	07/16/08	23:31	TWS	S	CONC
118	AD839736/SD	1071608	TRACE1	07/16/08	23:36	TWS	S	CONC
119	CCV	1071608	TRACE1	07/16/08	23:45	TWS	Q	CONC
120	CCB	1071608	TRACE1	07/16/08	23:50	TWS	B	CONC
121	AD839737	1071608	TRACE1	07/16/08	23:56	TWS	S	CONC
122	AD839738 8322	1071608	TRACE1	07/17/08	00:01	TWS	S	CONC
123	AD839739	1071608	TRACE1	07/17/08	00:07	TWS	S	CONC
124	AD839740	1071608	TRACE1	07/17/08	00:12	TWS	S	CONC
125	AD839741	1071608	TRACE1	07/17/08	00:18	TWS	S	CONC
126	AD839741/L (1:5)	1071608	TRACE1	07/17/08	00:23	TWS	S	CONC
127	AD839741/PS	1071608	TRACE1	07/17/08	00:29	TWS	S	CONC
128	AD839742/MS	1071608	TRACE1	07/17/08	00:34	TWS	S	CONC
129	AD839743/SD	1071608	TRACE1	07/17/08	00:40	TWS	S	CONC
130	AD839624 8374	1071608	TRACE1	07/17/08	00:48	TWS	S	CONC
131	CCV	1071608	TRACE1	07/17/08	00:57	TWS	Q	CONC
132	CCB	1071608	TRACE1	07/17/08	01:02	TWS	B	CONC
133	AD839625	1071608	TRACE1	07/17/08	01:08	TWS	S	CONC
134	AD839626	1071608	TRACE1	07/17/08	01:13	TWS	S	CONC
135	AD839626/L (1:5)	1071608	TRACE1	07/17/08	01:19	TWS	S	CONC
136	AD839626/PS	1071608	TRACE1	07/17/08	01:24	TWS	S	CONC
137	AD839627/MS	1071608	TRACE1	07/17/08	01:30	TWS	S	CONC
138	AD839628/SD	1071608	TRACE1	07/17/08	01:35	TWS	S	CONC
139	AD839629	1071608	TRACE1	07/17/08	01:41	TWS	S	CONC
140	AD839630	1071608	TRACE1	07/17/08	01:46	TWS	S	CONC
141	AD839631 8388	1071608	TRACE1	07/17/08	01:52	TWS	S	CONC
142	AD839632	1071608	TRACE1	07/17/08	01:57	TWS	S	CONC
143	CCV	1071608	TRACE1	07/17/08	02:06	TWS	Q	CONC
144	CCB	1071608	TRACE1	07/17/08	02:11	TWS	B	CONC
145	AD839633 8418	1071608	TRACE1	07/17/08	02:17	TWS	S	CONC
146	AD839634 8420	1071608	TRACE1	07/17/08	02:22	TWS	S	CONC
147	AD839635 8421	1071608	TRACE1	07/17/08	02:28	TWS	S	CONC
148	AD839636	1071608	TRACE1	07/17/08	02:34	TWS	S	CONC
149	AD839637	1071608	TRACE1	07/17/08	02:39	TWS	S	CONC
150	AD839638	1071608	TRACE1	07/17/08	02:45	TWS	S	CONC
151	AD839638/L (1:5)	1071608	TRACE1	07/17/08	02:50	TWS	S	CONC
152	AD839638/PS	1071608	TRACE1	07/17/08	02:56	TWS	S	CONC
153	AD839639/MD	1071608	TRACE1	07/17/08	03:01	TWS	S	CONC
154	AD839640/MS	1071608	TRACE1	07/17/08	03:07	TWS	S	CONC
155	CCV	1071608	TRACE1	07/17/08	03:15	TWS	Q	CONC
156	CCB	1071608	TRACE1	07/17/08	03:21	TWS	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	STD BLK	1071608	TRACE1	07/17/08	03:39	X	IR	
158	STD 1	1071608	TRACE1	07/17/08	03:44	X	IR	
159	STD 2	1071608	TRACE1	07/17/08	03:49	X	IR	
160	STD 3	1071608	TRACE1	07/17/08	03:54	X	IR	
161	STD 3 VER	1071608	TRACE1	07/17/08	04:00	TWS	B	CONC
162	ICV	1071608	TRACE1	07/17/08	04:05	TWS	Q	CONC
163	ICB	1071608	TRACE1	07/17/08	04:11	TWS	B	CONC
164	CRI	1071608	TRACE1	07/17/08	04:16	TWS	B	CONC
165	ICSA	1071608	TRACE1	07/17/08	04:22	TWS	Q	CONC
166	ICSAB	1071608	TRACE1	07/17/08	04:27	TWS	Q	CONC
167	CCV	1071608	TRACE1	07/17/08	04:36	TWS	Q	CONC
168	CCB	1071608	TRACE1	07/17/08	04:41	TWS	B	CONC
169	AD839644/PB	1071608	TRACE1	07/17/08	04:47	TWS	S	CONC
170	AD839643/FB	1071608	TRACE1	07/17/08	04:52	TWS	S	CONC
171	AD839641	1071608	TRACE1	07/17/08	04:58	TWS	S	CONC
172	AD839642	1071608	TRACE1	07/17/08	05:03	TWS	S	CONC
173	AD839687/PB	1071608	TRACE1	07/17/08	05:12	TWS	S	CONC
174	AD839686/FB	1071608	TRACE1	07/17/08	05:17	TWS	S	CONC
175	AD839666	1071608	TRACE1	07/17/08	05:23	TWS	S	CONC
176	AD839667	1071608	TRACE1	07/17/08	05:28	TWS	S	CONC
177	AD839668	1071608	TRACE1	07/17/08	05:34	TWS	S	CONC
178	AD839669	1071608	TRACE1	07/17/08	05:39	TWS	S	CONC
179	CCV	1071608	TRACE1	07/17/08	05:48	TWS	Q	CONC
180	CCB	1071608	TRACE1	07/17/08	05:53	TWS	B	CONC
181	AD839670	1071608	TRACE1	07/17/08	05:59	TWS	S	CONC
182	AD839671	1071608	TRACE1	07/17/08	06:04	TWS	S	CONC
183	AD839672	1071608	TRACE1	07/17/08	06:10	TWS	S	CONC
184	AD839673	1071608	TRACE1	07/17/08	06:16	TWS	S	CONC
185	AD839674	1071608	TRACE1	07/17/08	06:21	TWS	S	CONC
186	AD839675	1071608	TRACE1	07/17/08	06:27	TWS	S	CONC
187	AD839675/L (1:5)	1071608	TRACE1	07/17/08	06:32	TWS	S	CONC
188	AD839675/PS	1071608	TRACE1	07/17/08	06:38	TWS	S	CONC
189	AD839676/MS	1071608	TRACE1	07/17/08	06:43	TWS	S	CONC
190	AD839677/SD	1071608	TRACE1	07/17/08	06:49	TWS	S	CONC
191	CCV	1071608	TRACE1	07/17/08	06:57	TWS	Q	CONC
192	CCB	1071608	TRACE1	07/17/08	07:03	TWS	B	CONC
193	AD839678	1071608	TRACE1	07/17/08	07:08	TWS	S	CONC
194	AD839679	1071608	TRACE1	07/17/08	07:14	TWS	S	CONC
195	AD839680	1071608	TRACE1	07/17/08	07:19	TWS	S	CONC
196	AD839681	1071608	TRACE1	07/17/08	07:25	TWS	S	CONC
197	AD839682	1071608	TRACE1	07/17/08	07:30	TWS	S	CONC
198	AD839683	1071608	TRACE1	07/17/08	07:36	TWS	S	CONC
199	AD839684	1071608	TRACE1	07/17/08	07:41	TWS	S	CONC
200	AD839685	1071608	TRACE1	07/17/08	07:48	TWS	S	CONC
201	CCV	1071608	TRACE1	07/17/08	07:57	TWS	Q	CONC
202	CCB	1071608	TRACE1	07/17/08	08:02	TWS	B	CONC
203	CRI	1071608	TRACE1	07/17/08	08:14	TWS	B	CONC
204	ICSA	1071608	TRACE1	07/17/08	08:19	TWS	Q	CONC
205	ICSAB	1071608	TRACE1	07/17/08	08:25	TWS	Q	CONC
206	CCV	1071608	TRACE1	07/17/08	08:33	TWS	Q	CONC
207	CCB	1071608	TRACE1	07/17/08	08:39	TWS	B	CONC

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#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.14501	4.39482	21.4672	43.1983	49.414	18.830
2	As1890	-.04962	1.07268	5.54006	11.1122	.98425	.36787
3	B_2496	.00093	.37931	1.91364	3.84344	.99867	.37450
4	Ba4934	-.00016	.7599	3.90678	7.82919	.97203	.37295
5	Be3130	.09426	1.34901	6.56825	12.9507	.97219	.36741
6	Ca3179	.0223			34.3827	49.458	18.878
7	Cd2265	.004	1.60576	7.93491	15.7237	.99295	.37769
8	Co2286	-.00783	.72735	3.69264	7.35547	.98409	.36730
9	Cr2677	.00179	.57902	2.92667	5.83519	.97571	.38240
10	Cu3247	.00392	.52299	2.60932	5.23859	.98720	.36046
11	Fe2714	-.00195	.64098	3.23596	6.47057	49.084	18.645
12	K_7664	-.11563			169.772	46.990	Q17.283
13	Mg2790	.00051			18.6616	48.256	18.404
14	Mn2576	.00068	.36007	1.82365	3.63827	.98046	.37367
15	Na3302	-.00365			2.34874	49.746	18.609
16	Ni2316	-.01327	.55393	2.83805	5.68563	.97847	.37880
17	2203/1	.01762	.47908	2.30875	4.59436	.98167	.37676
18	2203/2	-.0256	2.56189	12.9009	25.8494	.97834	.37538
19	Sb2068	.0035	.19877	.97315	1.95341	.99895	.38477
20	1960/1	-.0757	.29378	1.79093	3.66656	.99909	.38964
21	1960/2	.04888	.52629	2.40314	4.7946	.98782	.38382
22	Ti3372	-.00288	1.11345	5.56655	11.1463	.98978	.38366
23	Tl1908	-.0269	.3232	1.6925	3.38203	.99412	.38860
24	V_2924	.00034	.08162	.41011	.82036	.98759	.37129
25	Zn2062	.00119	.06781	.3378	.66639	.97965	.37628
26	Sn1899	.00084	.05509	.27643	.55299	1.0034	.38426
27	Ag3280	-.0332	.60885	3.21063	6.5046	.99098	.36769
28	Mo2020	.00298	.26793	1.35889	2.68471	.98222	.36629
29	*Y	5872.05	5898.75	5849.62	5802.9	5934.23	5948.03
30	PB2203					.97945	.37584
31	SE1960					.99157	.38575

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.01758	.19852	503.11	506.01	25.354	-.01105
2	As1890	.00098	.01023	-.00082	.09921	.49104	.00105
3	B_2496	.00113	.02318	.00186	.01296	.50097	.00052
4	Ba4934	.00025	.00232	.00057	.51181	.50841	.00021
5	Be3130	.00021	.00214	.00093	.48143	.50550	-.00014
6	Ca3179	.00975	.51585	487.43	487.02	25.296	.02630
7	Cd2265	.00009	.00133	.00198	.95387	.49442	.00026
8	Co2286	.00044	.00413	.00053	.46969	.49471	.00055
9	Cr2677	.00031	.00444	-.00053	.49895	.51706	.00006
10	Cu3247	-.00013	.01146	.00492	.50435	.49158	.00108
11	Fe2714	.01073	.06385	191.82	96.695	24.809	.01006
12	K_7664	.02739	.47192	-.07009	-.03634	25.373	-.01977
13	Mg2790	.01062	.21876	506.37	494.60	24.967	.01562
14	Mn2576	.00026	.00351	.00046	.47333	.50584	.00000
15	Na3302	.14657	1.3247	.21862	.02383	25.133	.01330
16	Ni2316	-.00027	.01008	.00106	.92421	.50240	-.00018
17	2203/1	.00382	.00667	-.10140	-.05726	.50262	-.00071
18	2203/2	.00153	.00472	.05859	.10970	.50371	.00132

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	-.00132	.02095	-.00302	.62966	.50208	-.00092
20	1960/1	.00107	.02209	.00720	.05066	.52148	.00225
21	1960/2	.00280	.01294	-.00189	.04881	.51447	.00118
22	Ti3372	.00012	.00525	.00155	.00290	.51302	.00018
23	Tl1908	.00050	.02432	-.00017	.09463	.49209	.00326
24	V_2924	-.00010	.00548	.00093	.49387	.49739	-.00009
25	Zn2062	.00062	.01208	.00027	.92232	.51033	.00013
26	Sn1899	-.00076	.00628	.00010	-.00011	.49668	-.00076
27	Ag3280	-.00061	.00193	-.00147	.21161	.49886	-.00129
28	Mo2020	.00034	.01049	-.00489	-.00262	.50389	-.00027
29	*Y	5897.48	5818.12	5546.4	5543.7	5829.9	5853
30	PB2203	.00229	.00537	.00531	.05410	.50335	.00064
31	SE1960	.00222	.01599	.00113	.04943	.51680	.00154

#	Element	AD8'3/PB	AD8'LPSL	AD839517	AD839518	AD839519	AD839520
1	Al3082	.13066	63.815	21.376	23.585	19.535	30.094
2	As1890	.00052	.79565	.02004	.01645	.02047	.01970
3	B_2496	.00058	1.1159	.02599	.02682	.02746	.03197
4	Ba4934	.00012	3.9977	.27986	.28999	.32389	.26474
5	Be3130	.00001	.56404	.00121	.00115	.00124	.00158
6	Ca3179	.06151	72.007	155.04	177.17	170.37	188.25
7	Cd2265	.00003	.59524	.00264	.00320	.00444	.00229
8	Co2286	-.00004	.67621	.01937	.02016	.01922	.02413
9	Cr2677	.00100	.87231	.04320	.04679	.04826	.05223
10	Cu3247	.00122	.79129	.08419	.07463	.18954	.09367
11	Fe2714	.01533	104.73	44.516	47.269	44.252	56.503
12	K_7664	.01782	22.632	4.0794	4.1456	3.1403	4.9323
13	Mg2790	.01033	25.588	52.318	53.319	49.160	63.763
14	Mn2576	.00042	2.5714	1.0205	1.0994	.89580	1.4132
15	Na3302	.20336	4.5024	.70231	.79873	.87375	.72791
16	Ni2316	.00018	1.0824	.05022	.05308	.05202	.06416
17	2203/1	.00188	.82810	.06997	.07881	.15587	.09139
18	2203/2	.00016	.83442	.07272	.08382	.16019	.09937
19	Sb2068	.00126	.85698	-.00003	-.00106	.00237	.00088
20	1960/1	.00004	1.4822	-.00051	.00137	.00187	.00143
21	1960/2	.00161	1.4691	.00506	.00187	.00727	.00458
22	Ti3372	.00026	3.2861	.86876	.89113	.74050	.92811
23	Tl1908	.00216	1.2597	.00207	.00285	.00209	.00125
24	V_2924	.00000	.90163	.05581	.05716	.05245	.07191
25	Zn2062	.00364	2.0922	.28290	.26913	.34929	.32699
26	Sn1899	H.01860	1.0656	.01892	.02110	.02359	.01774
27	Ag3280	-.00055	.76529	-.00066	-.00133	-.00013	-.00023
28	Mo2020	-.00057	.53015	.00709	.00565	.01022	.00633
29	*Y	5916.23	6202.88	5914.8	5979	5964.6	5977.73
30	PB2203	.00074	.83231	.07180	.08215	.15875	.09671
31	SE1960	.00109	1.4734	.00320	.00171	.00547	.00353

#	Element	AD839521	AD839522	AD839523	AD839524	CCV	CCB
1	Al3082	22.323	28.479	35.034	26.742	25.335	-.02188
2	As1890	.01901	.02287	.02454	.02086	.49052	.00125
3	B_2496	.02231	.02883	.03493	.02944	.50110	.00029
4	Ba4934	.22411	.26917	.35434	.27492	.50797	.00024
5	Be3130	.00110	.00118	.00143	.00149	.50847	-.00020
6	Ca3179	178.23	202.06	230.84	169.80	25.292	.03435
7	Cd2265	.00240	.00296	.00353	.00445	.49389	.00029
8	Co2286	.02042	.02457	.02909	.02072	.49509	.00014
9	Cr2677	.04424	.04982	.06280	.05831	.51850	.00016
10	Cu3247	.06874	.07346	.09388	.11485	.49181	.00215
11	Fe2714	47.819	55.810	66.974	47.755	24.802	.00744
12	K_7664	3.2889	4.6812	5.5435	3.7999	25.300	-.00584
13	Mg2790	58.919	69.167	73.142	51.796	25.060	.01727
14	Mn2576	1.3377	1.6949	2.3087	.94800	.50714	.00012
15	Na3302	.71155	.75591	.92090	.72019	25.168	.11533
16	Ni2316	.05100	.06728	.07537	.06065	.50582	.00000
17	2203/1	.05506	.07692	.07137	.15040	.50179	.00126
18	2203/2	.06323	.08842	.08154	.15522	.50573	.00002
19	Sb2068	.00046	-.00236	-.00269	-.00017	.50484	-.00350
20	1960/1	.00474	.00335	.00201	.00393	.51147	.00580
21	1960/2	.00275	.00217	.00132	.00498	.51029	.00455
22	Ti3372	.84578	1.0424	1.1306	.94683	.51355	.00021
23	Tl1908	.00371	.00101	.00368	.00003	.49430	.00433
24	V_2924	.05751	.07019	.08448	.07232	.49764	-.00009
25	Zn2062	.24790	.25662	.32858	.41608	.51489	.00013
26	Sn1899	.01230	.01746	.02005	.03983	.49592	-.00153
27	Ag3280	-.00023	-.00151	-.00128	.00016	.50006	-.00174
28	Mo2020	.00732	.00594	.00743	.00548	.50366	.00026
29	*Y	5967.23	5979.45	6046.58	5958.45	5798.62	5872.73
30	PB2203	.06051	.08459	.07815	.15361	.50442	.00043
31	SE1960	.00342	.00256	.00155	.00463	.51068	.00497

#	Element	AD8'6/PB	AD8'5/FB	AD839485	AD839486	AD839487	AD839488
1	Al3082	H.58720	10.381	k.59582	12.175	k.92880	k.89743
2	As1890	.00170	.20172	H288.36	.57118	k3.1501	H333.42
3	B_2496	H.11134	.20754	7.9461	15.595	23.837	10.194
4	Ba4934	.00069	.20537	.02138	.25018	.04349	.02783
5	Be3130	.00002	.20106	k.00004	.00012	k.00022	k.00024
6	Ca3179	H1.2004	10.321	22.581	192.46	8.7666	28.544
7	Cd2265	.00013	.20317	k.00158	.05553	k.05698	k.00172
8	Co2286	.00035	.19443	k.03379	.16039	k.21411	k.04294
9	Cr2677	.00052	.20328	k.27110	.37551	k4.5750	k.33792
10	Cu3247	.00093	.20247	k.04513	.70054	15.550	k.08194
11	Fe2714	.03045	10.217	k1.8241	19.660	k16.653	k2.3203
12	K_7664	.01904	9.6987	C.00000	H500.46	C.00000	C.00000
13	Mg2790	.01850	10.135	k21.592	42.971	k7.8466	k25.989
14	Mn2576	.00064	.20359	k.06192	.48350	k.13013	k.07685
15	Na3302	.27716	10.479	H5678.4	H2416.7	H3890.7	H6440.7
16	Ni2316	.00079	.20544	k.57931	1.8147	k8.1912	k.72212
17	2203/1	.00275	.20345	k.33518	.10981	k1.1170	k.41659
18	2203/2	.00040	.20225	k.33966	.11489	k1.1064	k.42133

#	Element	AD8'6/PB	AD8'5/FB	AD839485	AD839486	AD839487	AD839488
19	Sb2068	-.00089	.20735	k1.6628	.08242	k.33131	k2.2407
20	1960/1	.00238	.20609	k.31289	.07910	k.62363	k.42317
21	1960/2	-.00165	.20604	k.33742	.07940	k.62884	k.45602
22	Ti3372	.00108	.20438	k.02509	.23402	k.07250	k.03273
23	Tl1908	.00207	.20459	k.00419	.00282	k-.00225	k-.00004
24	V_2924	.00031	.20466	k.13840	.11131	k.73227	k.17627
25	Zn2062	.00063	.20657	k.24847	3.6870	k1.2412	k.30457
26	Sn1899	-.00277	.20886	k-1.7706	L-.06941	k-.00001	k-1.8417
27	Ag3280	-.00062	.05237	k-.00668	-.00239	k.00024	k-.00601
28	Mo2020	.00000	.20604	k2.3266	3.5670	k10.976	k2.8390
29	*Y	5871.67	5812.8	4157.4	5454.83	4966.5	3933.53
30	PB2203	.00118	.20265	k.33817	.11320	k1.1099	k.41975
31	SE1960	-.00031	.20605	k.32924	.07930	k.62710	k.44507

#	Element	AD839489	AD839490	AD8'100)	AD8':10)	CCV	CCB
1	Al3082	.24978	.70569	.00593	.05010	25.021	-.00866
2	As1890	.47177	.23404	4.0364	H39.984	.49876	.00306
3	B_2496	1.6100	H83.920	.07805	.73015	.50673	.00603
4	Ba4934	.20343	.95894	.00033	.00224	.49773	.00015
5	Be3130	.00114	.00009	.00008	.00027	.50722	-.00006
6	Ca3179	H1733.2	H2058.9	.32186	2.4970	25.102	.03156
7	Cd2265	.00183	.03464	.00025	.00020	.49510	.00010
8	Co2286	.02552	.10685	.00066	.00367	.49321	.00030
9	Cr2677	.10520	.20549	.00285	.02786	.51448	.00014
10	Cu3247	.15498	.02682	.00070	.00367	.48931	.00129
11	Fe2714	1.3420	H786.01	.02669	.19488	24.769	.01991
12	K_7664	389.43	194.24	18.424	212.53	24.810	.01692
13	Mg2790	2.6101	830.84	.26639	2.4842	25.048	.01858
14	Mn2576	.02091	H34.465	.00108	.00642	.50768	.00016
15	Na3302	H2083.5	H1622.2	247.96	H1666.7	25.294	.42441
16	Ni2316	.62925	.85548	.00640	.06394	.50476	.00013
17	2203/1	-.00007	.04072	.00930	.03661	.50368	-.00067
18	2203/2	.00541	.04122	.00525	.03610	.50512	.00145
19	Sb2068	.04416	.05499	.01481	.15149	.50168	-.00097
20	1960/1	.07115	.07200	.00690	.02752	.51532	.00102
21	1960/2	.05765	-.02817	.00357	.03220	.50796	-.00234
22	Ti3372	.00150	.03165	.00034	.00267	.51362	.00039
23	Tl1908	-.00208	L-.02246	.00081	-.00288	.49191	.00531
24	V_2924	.03852	.03404	.00088	.01386	.49375	-.00020
25	Zn2062	.00231	6.5947	.00540	.02777	.51341	.00075
26	Sn1899	L-.09031	H13.450	-.00829	L-.09262	.49838	-.00061
27	Ag3280	L-.00535	L-.00579	-.00113	-.00259	.49540	-.00094
28	Mo2020	6.3379	.05332	.02188	.21748	.50105	-.00025
29	*Y	5259.45	5246.4	5782.88	5491.28	5835.6	5912.85
30	PB2203	.00358	.04106	.00659	.03627	.50464	.00074
31	SE1960	.06215	.00522	.00468	.03064	.51041	-.00121

#	Element	AD8':20)	AD8':50)	AD8':10)	AD8'200)	AD8':10)	AD8':20)
1	Al3082	.55023	.00136	.04265	-.02982	.05480	-.01391
2	As1890	.02710	.05758	.28852	2.6258	H49.501	.02275
3	B_2496	.72212	.42964	2.2001	.04895	.89826	.07523
4	Ba4934	.01259	.00096	.00451	.00028	.00266	.00981
5	Be3130	-.00012	-.00011	-.00034	-.00024	.00001	-.00016
6	Ca3179	10.102	.22527	.98096	.20797	3.1902	93.741
7	Cd2265	.00322	.00133	.00595	.00007	.00018	.00010
8	Co2286	.00833	.00469	.02201	.00052	.00501	.00173
9	Cr2677	.01895	.09369	.47398	.00236	.03597	.00590
10	Cu3247	.03290	.27424	1.4252	.00199	.00734	.00833
11	Fe2714	1.0448	.34287	1.7030	.01796	.25032	.07738
12	K_7664	22.076	23.987	141.17	12.748	273.51	15.036
13	Mg2790	2.2809	.17912	.88012	.17009	3.1091	.13846
14	Mn2576	.02432	.00279	.01349	.00050	.00803	.00118
15	Na3302	234.08	237.41	H981.17	165.07	H1924.9	178.65
16	Ni2316	.09762	.17797	.87755	.00435	.08146	.03406
17	2203/1	.00896	.02556	.11395	.00337	.04579	.00186
18	2203/2	.00828	.02325	.11126	.00413	.04349	.00059
19	Sb2068	.00494	.00415	.03031	.00886	.18233	.00150
20	1960/1	.00755	.01119	.05529	.00501	.03057	.00502
21	1960/2	.01073	.01484	.05742	.00675	.03935	.00748
22	Ti3372	.01220	.00148	.00756	.00049	.00321	.00045
23	Tl1908	.00075	.00117	-.00129	.00013	.00272	.00221
24	V_2924	.00547	.01382	.07223	.00086	.01770	.00194
25	Zn2062	.18513	.02620	.13155	.00378	.03557	.00123
26	Sn1899	-.00211	-.00120	-.00497	-.00745	L-.12112	-.00545
27	Ag3280	-.00096	-.00139	-.00217	-.00147	-.00329	-.00110
28	Mo2020	.17157	.21698	1.1129	.01460	.27422	.31502
29	*Y	5869.35	5809.28	5651.1	5835.83	5528.55	5781.98
30	PB2203	.00851	.02402	.11216	.00388	.04426	.00101
31	SE1960	.00967	.01362	.05671	.00617	.03642	.00666

#	Element	AD8':10)	AD839491	AD839492	AD839493	CCV	CCB
1	Al3082	.01662	-.03572	-.03150	.02752	25.134	L-.06169
2	As1890	.02623	.00786	.00644	.02783	.48991	.00190
3	B_2496	8.5883	.00998	.86903	.20300	.50123	.00299
4	Ba4934	.09643	.00020	.03659	.03543	.50123	.00011
5	Be3130	-.00041	-.00041	-.00031	-.00008	.51327	-.00048
6	Ca3179	256.72	.10312	67.495	121.76	25.268	.01738
7	Cd2265	.00362	.00005	.00016	.00005	.49278	.00000
8	Co2286	.01192	.00022	.00043	.00031	.49524	.00039
9	Cr2677	.02339	-.00039	.00004	.00248	.51909	-.00018
10	Cu3247	.00691	.00292	.00464	.00293	.49160	.00318
11	Fe2714	87.776	.01333	.81799	2.1827	24.811	.00471
12	K_7664	17.453	.03716	3.6068	4.0746	25.013	.02000
13	Mg2790	93.995	.00709	32.251	54.973	25.263	-.00113
14	Mn2576	4.3306	.00050	.01698	.04395	.51121	.00005
15	Na3302	254.36	.74295	73.673	60.960	25.273	.38414
16	Ni2316	.09941	.00024	.00091	.00169	.50651	.00063
17	2203/1	.00571	-.00132	.00074	-.00120	.50483	-.00108
18	2203/2	.00459	.00025	.00173	.00089	.50664	.00114

#	Element	AD8':10)	AD839491	AD839492	AD839493	CCV	CCB
19	Sb2068	.00223	-.00153	-.00219	-.00051	.50272	-.00229
20	1960/1	.00268	.00140	.00585	.00397	.51694	.00472
21	1960/2	.00496	-.00128	-.00007	.00220	.50239	.00225
22	Ti3372	.00359	.00021	.00046	.00091	.51423	.00040
23	Tl1908	.00388	-.00044	-.00038	.00189	.49101	.00112
24	V_2924	.00300	-.00041	-.00026	-.00021	.49589	-.00009
25	Zn2062	.80896	.00170	.00284	.00129	.51908	.00039
26	Sn1899	1.4407	-.00200	-.00722	L-.01203	.49650	-.00231
27	Ag3280	-.00222	-.00168	-.00265	-.00146	.49933	-.00138
28	Mo2020	.00629	.00069	.05378	.02618	.50471	-.00053
29	*Y	5679.75	5793.23	5733.6	5769.98	5713.05	5837.03
30	PB2203	.00496	-.00027	.00140	.00019	.50604	.00040
31	SE1960	.00420	-.00038	.00190	.00279	.50723	.00307

#	Element	AD839494	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD	AD839497
1	Al3082	.45735	.12487	10.413	10.698	10.514	-.01612
2	As1890	.00740	.00205	.20487	.20418	.20264	.01293
3	B_2496	.14606	.03357	.33955	.34643	.33982	.07045
4	Ba4934	.03277	.00757	.23069	.23786	.23208	.02432
5	Be3130	-.00005	-.00004	.19995	.20581	.20689	-.00001
6	Ca3179	143.54	28.834	148.05	149.94	148.84	230.95
7	Cd2265	.00010	-.00013	.19339	.19258	.19128	.00025
8	Co2286	.00090	.00048	.19440	.19131	.19059	.00121
9	Cr2677	.00406	.00148	.20200	.20640	.20650	.00012
10	Cu3247	.01663	.00345	.20982	.21877	.21526	.00422
11	Fe2714	1.0011	.19742	10.764	10.927	10.864	3.9169
12	K_7664	2.6457	.45595	13.143	13.205	12.495	3.3522
13	Mg2790	61.856	12.305	69.902	70.934	71.051	82.795
14	Mn2576	.28232	.05628	.47159	.48188	.47839	.27700
15	Na3302	46.560	9.2584	55.729	55.887	55.257	37.099
16	Ni2316	.00393	.00112	.19709	.20214	.20103	.00054
17	2203/1	.00205	.00131	.19656	.19868	.19621	-.00214
18	2203/2	.00172	.00142	.19517	.20438	.19948	.00194
19	Sb2068	-.00213	-.00303	.19629	.19516	.19228	-.00124
20	1960/1	.00251	.00058	.20197	.20030	.19543	.00490
21	1960/2	.00164	.00270	.20001	.19981	.19791	-.00014
22	Ti3372	.00814	.00162	.20608	.21054	.20675	.00055
23	Tl1908	.00212	.00055	.18878	.18853	.18756	.00243
24	V_2924	.00106	.00022	.19790	.20237	.19969	.00025
25	Zn2062	.01402	.00264	.20811	.22001	.22194	.00314
26	Sn1899	L-.01021	-.00168	.18276	.18544	.17867	L-.03065
27	Ag3280	-.00160	-.00149	.04896	.05170	.04957	-.00132
28	Mo2020	.00657	.00067	.21024	.21874	.22133	.00366
29	*Y	5736.6	5726.7	5708.55	5748.45	5752.35	5754.98
30	PB2203	.00183	.00138	.19564	.20249	.19839	.00058
31	SE1960	.00193	.00199	.20066	.19997	.19708	.00154

#	Element	AD839498	AD839499	AD839500	AD839501	CCV	CCB
1	Al3082	-.00174	-.00502	.35176	-.00767	25.056	-.03216
2	As1890	.00000	.00238	.01387	.03007	.48800	.00186
3	B_2496	.00833	.08917	.23697	.10333	.49832	.00182
4	Ba4934	.00014	.06181	.03876	.02871	.49782	.00012
5	Be3130	-.00012	.00004	-.00018	-.00018	.50220	-.00014
6	Ca3179	.15066	184.09	155.28	168.52	25.166	.02301
7	Cd2265	.00001	.00008	.00002	.00027	.49414	.00012
8	Co2286	.00028	.00064	.00121	.00023	.49127	.00023
9	Cr2677	.00021	.00065	.00121	.00048	.51393	.00035
10	Cu3247	.00152	.00234	.00427	.00487	.48384	.00188
11	Fe2714	.07195	.37614	.72439	3.6590	24.741	.00326
12	K_7664	.01727	16.646	3.4159	2.1878	22.652	.00336
13	Mg2790	.02461	63.746	69.367	71.276	24.897	.01209
14	Mn2576	.00057	1.1656	.11321	.05942	.50708	.00020
15	Na3302	.23634	74.600	76.977	66.433	24.917	.27384
16	Ni2316	.00088	.00173	.00361	.00099	.50193	.00000
17	2203/1	.00090	.00123	.00008	.00064	.50390	.00315
18	2203/2	.00105	.00108	.00097	.00082	.50221	.00046
19	Sb2068	-.00034	-.00212	-.00224	-.00106	.50242	-.00064
20	1960/1	.00171	.00338	.00446	.00413	.51623	.00608
21	1960/2	.00135	.00387	.00177	.00278	.50929	-.00168
22	Ti3372	.00020	.00032	.00489	.00021	.51099	.00025
23	Tl1908	.00300	.00440	.00248	.00334	.49669	.00218
24	V_2924	-.00009	-.00009	.00056	-.00068	.49399	-.00009
25	Zn2062	.00143	.00445	.01966	.00051	.50459	-.00009
26	Sn1899	-.00184	L-.01918	L-.01931	L-.02265	.49875	-.00248
27	Ag3280	-.00129	-.00172	-.00266	-.00344	.49581	-.00131
28	Mo2020	-.00113	.00150	.02375	.02015	.49584	.00002
29	*Y	5809.65	5665.8	5672.18	5655.08	5720.18	5779.88
30	PB2203	.00100	.00113	.00067	.00076	.50278	.00136
31	SE1960	.00147	.00371	.00267	.00323	.51160	.00090

#	Element	AD839502	AD839503	AD839504	AD8'8/PB	AD8'7/FB	AD839379
1	Al3082	.04551	.02339	.07586	-.01785	10.435	-.01208
2	As1890	.00254	.00393	.00157	.00115	.20570	.00332
3	B_2496	.02460	.47781	.48033	.00582	.21358	.02620
4	Ba4934	.00041	.27630	.27384	.00008	.21092	.05168
5	Be3130	-.00029	-.00042	-.00018	-.00027	.21108	-.00041
6	Ca3179	.34185	67.749	68.633	.07442	10.525	48.742
7	Cd2265	.00017	-.00012	.00006	.00005	.20072	.00010
8	Co2286	.00060	.00054	.00038	.00033	.19884	.00039
9	Cr2677	-.00012	.00018	.00116	.00036	.20927	.00009
10	Cu3247	.00405	.00363	.00213	.00196	.20790	.00487
11	Fe2714	.01191	.68482	.72018	.00665	10.223	.06037
12	K_7664	.02238	5.3394	5.2624	-.00332	10.507	3.0655
13	Mg2790	.01063	39.879	39.351	.00513	10.415	17.241
14	Mn2576	.00040	.03476	.03400	.00046	.20960	.01859
15	Na3302	.56120	143.05	142.95	.23232	10.688	10.137
16	Ni2316	.00072	.00056	.00003	.00013	.20726	.00116
17	2203/1	.00069	-.00154	-.00113	.00135	.20505	-.00136
18	2203/2	.00042	.00005	.00153	.00026	.20520	.00223

#	Element	AD839502	AD839503	AD839504	AD8'8/PB	AD8'7/FB	AD839379
19	Sb2068	-.00119	-.00223	.00087	.00053	.19994	-.00276
20	1960/1	.00226	.00619	.00220	.00701	.20304	.00249
21	1960/2	.00211	.00134	.00195	.00101	.20051	.00062
22	Ti3372	.00037	.00128	.00201	.00015	.20664	.00095
23	Tl1908	.00251	.00408	.00424	.00421	.19868	.00489
24	V_2924	.00056	-.00021	.00020	-.00041	.20593	.00043
25	Zn2062	.00203	.00127	.00047	.00015	.22012	.00480
26	Sn1899	-.00234	-.00294	-.00088	-.00027	.20322	-.00513
27	Ag3280	-.00203	-.00275	-.00133	-.00137	.05176	-.00211
28	Mo2020	.00017	-.00086	-.00016	-.00091	.21804	.00282
29	*Y	5660.17	5748.38	5794.95	5791.05	5725.43	5800.65
30	PB2203	.00051	-.00048	.00064	.00062	.20515	.00103
31	SE1960	.00216	.00296	.00203	.00301	.20135	.00124

#	Element	AD839380	AD839381	AD839382	AD839383	CCV	CCB
1	Al3082	.17083	.05077	.07445	.05536	24.873	L-.04449
2	As1890	.00403	.00271	.00358	.00295	.48360	.00116
3	B_2496	.03074	.02965	.03120	.02954	.49509	.00054
4	Ba4934	.05794	.09576	.06239	.05692	.48907	.00009
5	Be3130	-.00016	-.00011	-.00026	-.00043	.50217	-.00016
6	Ca3179	59.865	72.180	53.299	58.731	25.103	.01880
7	Cd2265	.00010	-.00008	-.00005	.00010	.49155	.00010
8	Co2286	.00038	.00067	.00055	.00066	.49015	.00031
9	Cr2677	.00077	.00053	.00023	.00027	.51339	.00034
10	Cu3247	.00245	.00226	.00421	.00451	.48482	.00261
11	Fe2714	.24782	.34368	.13255	.14324	24.529	.00920
12	K_7664	2.5078	2.9439	3.8145	2.6455	23.581	-.00405
13	Mg2790	23.388	25.350	16.691	23.252	24.751	.00622
14	Mn2576	.03974	.19001	.09210	.02908	.50404	.00010
15	Na3302	16.403	18.884	20.494	15.913	25.073	.25385
16	Ni2316	.00141	.00172	.00117	.00178	.50073	.00030
17	2203/1	.00065	.00092	.00044	-.00058	.49485	.00123
18	2203/2	-.00010	.00015	.00072	.00136	.50404	.00247
19	Sb2068	-.00106	.00081	-.00214	-.00100	.49265	-.00067
20	1960/1	.00602	.00591	.00252	.00112	.50710	-.00055
21	1960/2	-.00008	.00002	.00406	.00021	.50147	.00287
22	Ti3372	.00242	.00106	.00183	.00163	.51150	.00006
23	Tl1908	.00389	.00032	.00200	.00329	.48441	.00180
24	V_2924	.00116	.00054	.00054	.00075	.49222	.00023
25	Zn2062	.00615	.00479	.00278	.00284	.51094	.00018
26	Sn1899	-.00481	-.00614	-.00582	-.00704	.49470	-.00138
27	Ag3280	-.00171	-.00108	-.00230	-.00226	.49438	-.00163
28	Mo2020	.00498	.00239	.00318	.00495	.49557	.00007
29	*Y	5805.3	5714.93	5730.15	5770.28	5805.3	5705.4
30	PB2203	.00015	.00040	.00063	.00071	.50098	.00206
31	SE1960	.00195	.00198	.00355	.00051	.50334	.00173

#	Element	AD8'1:5)	AD8'3/PS	AD8'4/MS	AD8'5/SD	AD839386	AD839368
1	Al3082	-.03760	10.304	10.147	10.642	-.02040	-.03486
2	As1890	.00168	.20794	.20397	.20725	.00228	.00173
3	B_2496	.00698	.23065	.23002	.23432	.00619	.00533
4	Ba4934	.01151	.26321	.26131	.26694	.00016	.00016
5	Be3130	-.00040	.21016	.20815	.20708	-.00030	-.00033
6	Ca3179	11.805	67.434	70.831	69.263	.08887	.07870
7	Cd2265	.00010	.19840	.19732	.20262	-.00008	.00002
8	Co2286	.00044	.20357	.19395	.19616	-.00019	.00000
9	Cr2677	.00016	.20724	.20388	.20571	.00007	-.00019
10	Cu3247	.00350	.20451	.20383	.20543	.00205	.00290
11	Fe2714	.03100	10.271	10.235	10.680	.00860	.00179
12	K_7664	.48388	13.264	13.216	12.246	-.00233	-.02174
13	Mg2790	4.6907	33.044	34.274	33.860	.00007	.00012
14	Mn2576	.00589	.23629	.23709	.27352	.00020	.00020
15	Na3302	3.3784	25.839	27.647	34.506	.23073	.17769
16	Ni2316	.00016	.20296	.20416	.20530	.00015	-.00015
17	2203/1	-.00050	.19999	.20316	.20576	.00191	.00191
18	2203/2	.00064	.20496	.20269	.20435	.00076	.00026
19	Sb2068	-.00202	.19794	.19683	.20941	.00011	-.00075
20	1960/1	.00205	.20575	.20607	.21171	.00328	.00159
21	1960/2	.00255	.20158	.20503	.20728	.00306	-.00009
22	Ti3372	.00025	.20455	.20304	.20793	.00008	-.00006
23	Tl1908	-.00011	.19177	.19820	.20379	.00389	.00138
24	V_2924	.00001	.20444	.20203	.20636	.00001	-.00062
25	Zn2062	.00038	.21261	.21841	.21957	.00236	.00031
26	Sn1899	-.00408	.19264	.19773	.20563	-.00484	-.00265
27	Ag3280	-.00230	.04964	.05047	.05107	-.00154	-.00276
28	Mo2020	.00074	.21650	.21521	.21533	-.00055	.00078
29	*Y	5714.85	5759.62	5804.03	5723.55	5763.3	5716.95
30	PB2203	.00026	.20330	.20285	.20482	.00114	.00081
31	SE1960	.00239	.20297	.20538	.20875	.00314	.00047

#	Element	AD839369	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	-.02969	.17279	495.29	495.46	25.078	.06312
2	As1890	.00122	.01108	.00027	.09721	.48505	.00155
3	B_2496	.00646	.02247	.00096	.01289	.49324	.00103
4	Ba4934	.00013	.00214	.00056	.50552	.49116	.00016
5	Be3130	-.00029	.00196	.00060	.49536	.50149	.00000
6	Ca3179	.07476	.50886	479.04	478.02	25.251	.10960
7	Cd2265	-.00004	.00123	.00297	.91501	.48813	.00039
8	Co2286	.00021	.00446	.00030	.46587	.48991	.00061
9	Cr2677	.00014	.00421	-.00035	.49966	.51488	.00054
10	Cu3247	.00253	.01131	.00597	.50746	.48700	.00169
11	Fe2714	.00862	.05099	187.83	94.088	24.551	.03684
12	K_7664	-.02531	.43998	-.02404	-.06312	23.253	.01538
13	Mg2790	-.00210	.21129	502.76	499.22	24.783	.10033
14	Mn2576	.00003	.00329	.00081	.47886	.50411	.00029
15	Na3302	.14529	1.2315	.17861	.39145	25.081	.24778
16	Ni2316	.00054	.00977	.00078	.90742	.50156	.00039
17	2203/1	-.00133	.00593	-.10047	-.04520	.50020	.00362
18	2203/2	.00090	.00511	.05819	.10267	.49987	.00143

#	Element	AD839369	CRI	ICSA	ICSAB	CCV	CCB
19	Sb2068	-.00323	.02052	-.00228	.59081	.49851	-.00218
20	1960/1	.00170	.02001	.00017	.05569	.50732	.00371
21	1960/2	.00061	.02014	.00259	.04935	.50417	.00202
22	Ti3372	.00017	.00482	.00139	.00282	.51212	.00016
23	Tl1908	.00192	.02310	-.00050	.08937	.48719	.00441
24	V_2924	-.00030	.00491	.00065	.48430	.49349	.00022
25	Zn2062	.00016	.01173	.00103	.94445	.50935	.00042
26	Sn1899	-.00390	.00653	.00142	-.00055	.49646	-.00200
27	Ag3280	-.00174	L.00142	-.00238	.21110	.49695	-.00144
28	Mo2020	-.00003	.01018	-.00481	-.00563	.49553	-.00078
29	*Y	5751.98	5746.12	5446.43	5439.53	5786.7	5762.1
30	PB2203	.00015	.00538	.00535	.05343	.49998	.00216
31	SE1960	.00097	.02010	.00178	.05147	.50521	.00259

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.11546	4.3136	21.1939	41.9419	50.547	19.016
2	As1890	-.02857	1.04553	5.48142	10.816	1.0207	.37676
3	B_2496	.00291	.37628	1.89912	3.74511	1.0132	.38115
4	Ba4934	.00034	.75143	3.78581	7.49644	1.0150	.38650
5	Be3130	.091	1.36548	6.57428	12.7037	1.0084	.37920
6	Ca3179	.02771			33.8806	51.235	19.158
7	Cd2265	.0041	1.55997	7.76594	15.2331	1.0123	.38060
8	Co2286	-.00444	.72377	3.67895	7.18786	1.0095	.37140
9	Cr2677	.00093	.5833	2.92591	5.74189	1.0086	.38739
10	Cu3247	.01009	.53111	2.61382	5.10125	.99692	.36479
11	Fe2714	-.00128	.63173	3.176	6.28028	50.882	18.885
12	K_7664	-.10803			152.426	50.167	18.984
13	Mg2790	.00136			18.1998	50.880	19.178
14	Mn2576	.00051	.36192	1.826	3.58162	1.0130	.38325
15	Na3302	-.00102			2.31166	50.814	19.014
16	Ni2316	-.01359	.55229	2.81085	5.55397	1.0123	.38140
17	2203/1	.00992	.47227	2.3054	4.49534	1.0012	.38050
18	2203/2	-.00047	2.58729	12.8845	25.2728	1.0051	.37962
19	Sb2068	.00206	.19351	.94822	1.88546	1.0158	.38543
20	1960/1	-.08571	.27475	1.7131	3.52842	1.0242	.40077
21	1960/2	.05751	.52168	2.35812	4.61607	1.0118	.38879
22	Ti3372	-.00298	1.10365	5.56308	10.8965	1.0046	.38585
23	Tl1908	-.0254	.30763	1.59167	3.23945	1.0233	.38898
24	V_2924	.00008	.08091	.40734	.80403	1.0132	.37470
25	Zn2062	.00153	.06909	.3433	.66162	1.0067	.38321
26	Sn1899	.00042	.05184	.26938	.53648	1.0346	.38841
27	Ag3280	-.04301	.60765	3.23761	6.41085	1.0048	.37004
28	Mo2020	.00273	.27191	1.36621	2.65685	1.0053	.37363
29	*Y	5845.73	5709.75	5675.85	5789.55	5698.73	5733.75
30	PB2203					1.0038	.37992
31	SE1960					1.0159	.39278

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.04859	.19858	496.72	509.07	25.242	.00646
2	As1890	-.00020	.00862	.00072	.09846	.49622	-.00107
3	B_2496	.00147	.02178	.00073	.01225	.49664	.00056
4	Ba4934	.00029	.00211	.00056	.52248	.50261	.00000
5	Be3130	.00026	.00200	.00077	.49398	.50201	-.00001
6	Ca3179	.01666	.50689	485.97	497.64	25.625	.01798
7	Cd2265	.00032	.00116	.00281	.97067	.50228	.00018
8	Co2286	.00039	.00380	.00015	.47742	.49418	.00002
9	Cr2677	.00057	.00454	.00008	.50813	.51581	.00059
10	Cu3247	.00059	.01043	.00490	.50647	.48360	.00100
11	Fe2714	.01549	.05176	191.00	98.262	25.036	.01210
12	K_7664	.02375	.47029	-.03564	-.04797	25.414	.01301
13	Mg2790	.01182	.21212	511.20	513.12	25.393	.01113
14	Mn2576	.00040	.00336	.00111	.48214	.50612	.00011
15	Na3302	.15274	1.1153	.15453	-.00213	25.195	.15943
16	Ni2316	-.00007	.01010	.00156	.93646	.50855	.00078
17	2203/1	.00391	.00724	-.09951	-.05116	.50644	.00387
18	2203/2	.00010	.00429	.05657	.10604	.50293	-.00124
19	Sb2068	-.00104	.01928	-.00039	.63585	.50618	.00008
20	1960/1	.00803	.02639	.00465	.05258	.52994	.00535
21	1960/2	.00246	.01353	-.00778	.04793	.51380	.00221
22	Ti3372	.00035	.00499	.00155	.00286	.51259	.00028
23	Tl1908	.00362	.02352	.00499	.10290	.50985	.00199
24	V_2924	.00063	.00526	.00128	.49852	.49748	.00064
25	Zn2062	.00229	.01095	.00017	.94687	.50626	.00014
26	Sn1899	-.00029	.00611	.00223	-.00039	.50931	-.00013
27	Ag3280	.00031	.00279	-.00056	.21199	.49246	.00025
28	Mo2020	.00131	.00963	-.00665	-.00449	.49416	.00010
29	*Y	5819.55	5874.98	5566.43	5516.48	5824.5	5801.1
30	PB2203	.00137	.00527	.00459	.05369	.50410	.00046
31	SE1960	.00432	.01782	-.00363	.04948	.51918	.00326

#	Element	AD839370	AD839371	AD839372	AD839373	AD839374	AD839375
1	Al3082	.09692	.01714	.01589	.01331	.00436	.00891
2	As1890	.01084	.00010	-.00031	-.00046	-.00055	.00931
3	B_2496	.02716	.02208	.03266	.01549	.01558	.02693
4	Ba4934	.11667	.12655	.33896	.15610	.12347	.11631
5	Be3130	.00010	.00003	-.00006	-.00009	-.00006	-.00001
6	Ca3179	147.33	99.999	91.623	72.182	104.40	145.93
7	Cd2265	.00023	.00013	.00011	.00007	.00012	-.00006
8	Co2286	.00283	-.00067	.00016	-.00003	-.00045	.00254
9	Cr2677	.00114	.00012	.00086	.00077	.00048	.00081
10	Cu3247	.00156	.00051	.00137	.00130	.00102	.00182
11	Fe2714	3.2768	1.2159	.00011	.07154	1.8845	3.2352
12	K_7664	2.6231	.94835	.79466	2.9330	.89518	2.6475
13	Mg2790	47.323	32.888	37.986	21.643	34.139	46.984
14	Mn2576	2.7685	.07654	1.1165	.03547	.07972	2.7830
15	Na3302	8.8199	5.5408	6.1513	6.6911	5.4818	8.8516
16	Ni2316	.00241	.00022	.01134	.00133	.00070	.00273
17	2203/1	.00169	.00384	.00201	.00318	.00227	.00265
18	2203/2	-.00073	-.00064	.00051	-.00003	-.00075	-.00038

#	Element	AD839370	AD839371	AD839372	AD839373	AD839374	AD839375
19	Sb2068	-.00112	.00040	-.00003	-.00037	.00043	.00018
20	1960/1	.00430	.00476	.00974	.00458	.00516	.00946
21	1960/2	-.00450	.00276	.00010	-.00004	-.00060	-.00150
22	Ti3372	.00029	.00007	.00019	.00011	.00018	.00011
23	Tl1908	.00166	.00376	.00078	.00140	-.00038	.00282
24	V_2924	.00079	.00019	.00043	.00096	.00050	.00026
25	Zn2062	.01719	-.00045	.00105	-.00008	-.00044	.01650
26	Sn1899	-.00281	-.00450	-.00256	-.00388	-.00479	-.00299
27	Ag3280	.00024	-.00047	-.00006	-.00018	-.00006	-.00024
28	Mo2020	.00209	.00212	.01103	.00472	.00294	.00321
29	*Y	5752.2	5779.2	5795.85	5765.78	5785.58	5728.28
30	PB2203	.00007	.00084	.00101	.00103	.00025	.00062
31	SE1960	-.00156	.00343	.00331	.00149	.00132	.00215

#	Element	AD839376	AD839377	AD839378	AD8'5/PB	CCV	CCB
1	Al3082	.00305	.01614	.00859	.01769	25.629	.00044
2	As1890	.00591	-.00070	-.00015	-.00034	.50142	-.00078
3	B_2496	.02735	.02459	.02560	.00782	.49958	-.00012
4	Ba4934	.06248	.08787	.09664	-.00003	.50946	-.00002
5	Be3130	-.00002	-.00005	.00003	-.00019	.51072	-.00009
6	Ca3179	117.55	115.57	153.42	.10900	25.793	.02126
7	Cd2265	.00025	.00010	-.00008	.00014	.50152	-.00006
8	Co2286	.00389	.00009	-.00007	-.00006	.50065	-.00027
9	Cr2677	.00070	.00062	.00022	.00075	.52291	.00041
10	Cu3247	.00226	.00114	.00185	.00120	.49130	.00094
11	Fe2714	.11852	.08878	-.00441	.00259	25.308	-.00020
12	K_7664	.46253	1.5826	1.2451	-.00651	25.683	-.01061
13	Mg2790	35.527	36.898	38.148	.00319	25.797	.01169
14	Mn2576	.13863	.01964	.07265	.00033	.51275	.00009
15	Na3302	6.3909	6.0044	5.1788	.12090	25.561	.02956
16	Ni2316	.00377	.00090	.00223	.00039	.51223	.00007
17	2203/1	.00240	.00324	.00176	.00330	.50784	.00259
18	2203/2	-.00084	-.00127	-.00124	.00000	.50868	-.00158
19	Sb2068	-.00146	-.00028	.00034	-.00242	.51003	-.00018
20	1960/1	.00544	.00792	.01053	.00615	.53722	.00602
21	1960/2	-.00356	-.00122	-.00245	-.00063	.51645	-.00191
22	Ti3372	.00024	.00006	.00003	.00014	.51855	.00000
23	Tl1908	.00173	.00318	.00229	.00089	.51017	.00181
24	V_2924	.00064	.00225	.00011	.00031	.50176	-.00021
25	Zn2062	.00211	-.00045	.00573	.00013	.51238	-.00023
26	Sn1899	-.00421	-.00404	-.00622	-.00126	.51281	-.00127
27	Ag3280	-.00028	-.00043	-.00048	-.00025	.49945	-.00021
28	Mo2020	.00026	.00427	.00085	.00025	.50230	.00017
29	*Y	5762.93	5778.15	5714.4	5823.53	5753.93	5779.05
30	PB2203	.00023	.00022	-.00024	.00110	.50840	-.00019
31	SE1960	-.00056	.00182	.00187	.00163	.52337	.00072

#	Element	AD8'4/FB	AD839730	AD839731	AD839732	AD839733	AD839734
1	Al3082	10.242	.26724	.32771	.23060	.21633	.04708
2	As1890	.20304	.00429	.00241	.00302	.00261	-.00037
3	B_2496	.20758	2.4341	2.4914	2.2963	2.2231	.59479
4	Ba4934	.20613	.04350	.04619	.05409	.05522	.49205
5	Be3130	.20483	.00058	.00079	.00076	.00068	.00002
6	Ca3179	10.415	207.53	211.59	197.63	192.92	127.49
7	Cd2265	.20295	.00013	.00010	.00009	.00005	.00024
8	Co2286	.19541	.00058	.00045	.00011	.00015	.00000
9	Cr2677	.20440	.00166	.00187	.00120	.00136	.00093
10	Cu3247	.20060	.00598	.00497	.00407	.00385	.00218
11	Fe2714	10.248	.47470	.53508	.36969	.37516	8.5286
12	K_7664	10.397	307.48	286.78	264.29	255.14	26.513
13	Mg2790	10.422	643.89	652.21	597.72	577.76	53.824
14	Mn2576	.20542	.17839	.18350	.20906	.22778	.62292
15	Na3302	10.502	H2564.4	H2577.8	H2455.8	H2409.7	351.02
16	Ni2316	.20635	-.00199	-.00246	-.00209	-.00258	.00325
17	2203/1	.20628	-.00073	.00341	.00122	.00190	.00321
18	2203/2	.20571	.00158	.00231	-.00068	.00030	.00221
19	Sb2068	.20497	-.00175	-.00158	.00053	-.00003	-.00169
20	1960/1	.20973	.01019	.00637	.01109	.00928	.00776
21	1960/2	.20623	.01341	.01292	.01114	.00829	.00035
22	Ti3372	.20274	.00964	.01005	.00564	.00612	.00191
23	Tl1908	.20806	.00200	-.00040	.00360	.00259	.00209
24	V_2924	.20276	.00302	.00290	.00291	.00288	.00147
25	Zn2062	.20993	.01515	.02769	.01708	.01670	.00699
26	Sn1899	.20924	L-.07627	L-.06988	L-.06121	L-.05776	-.00453
27	Ag3280	.05019	-.00297	-.00334	-.00282	-.00326	-.00090
28	Mo2020	.20821	.00024	.00093	.00017	.00167	.00021
29	*Y	5840.85	5105.62	5099.85	5099.1	5160.23	5640.98
30	PB2203	.20590	.00081	.00268	-.00005	.00083	.00254
31	SE1960	.20740	.01234	.01074	.01112	.00862	.00282

#	Element	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD	CCV	CCB
1	Al3082	.03234	10.815	11.098	11.032	25.554	.01481
2	As1890	-.00193	.21525	.21517	.21282	.50313	-.00105
3	B_2496	.11833	.80133	.83272	.87470	.51070	.00205
4	Ba4934	.09835	.70297	.72638	.70971	.51876	.00023
5	Be3130	.00008	.21094	.21273	.21165	.51525	.00028
6	Ca3179	25.912	137.31	142.92	145.22	25.794	.02844
7	Cd2265	-.00010	.20987	.21039	.20988	.51279	.00036
8	Co2286	-.00030	.20856	.20146	.20139	.50560	.00002
9	Cr2677	.00034	.20825	.21064	.21004	.52034	.00047
10	Cu3247	.00091	.21176	.21804	.21575	.49180	.00113
11	Fe2714	1.7379	18.992	19.318	18.432	25.402	.00167
12	K_7664	4.6411	37.938	39.514	43.497	25.273	.03527
13	Mg2790	10.925	64.232	66.955	77.601	25.838	.02964
14	Mn2576	.12668	.82839	.86172	.85737	.51648	.00032
15	Na3302	73.723	355.97	371.69	H440.23	25.780	.30678
16	Ni2316	.00035	.20889	.21215	.20995	.51349	.00068
17	2203/1	.00335	.21060	.21524	.20950	.51535	.00425
18	2203/2	-.00063	.20879	.21092	.20882	.51450	-.00060

#	Element	AD8'1:5)	AD8'4/PS	AD8'5/MS	AD8'6/SD	CCV	CCB
19	Sb2068	.00113	.21427	.21537	.21789	.51379	.00024
20	1960/1	.00832	.22581	.22393	.22380	.53501	.00534
21	1960/2	-.00149	.21190	.22459	.21285	.52438	.00041
22	Ti3372	.00027	.21113	.21487	.21266	.51986	.00021
23	Tl1908	-.00100	.21276	.21857	.21535	.51714	.00276
24	V_2924	.00007	.21108	.21371	.21240	.50303	.00033
25	Zn2062	.00131	.21283	.22220	.21857	.51476	-.00032
26	Sn1899	-.00238	.21398	.21958	.21604	.52682	-.00111
27	Ag3280	-.00070	.05203	.05331	.05341	.49864	-.00015
28	Mo2020	.00075	.20791	.21529	.21542	.49826	-.00059
29	*Y	5691.45	5547.6	5560.8	5547.08	5623.8	5656.28
30	PB2203	.00069	.20940	.21236	.20905	.51478	.00101
31	SE1960	.00177	.21653	.22436	.21650	.52792	.00206

#	Element	AD839737	AD839738	AD839739	AD839740	AD839741	AD8'1:5)
1	Al3082	.24782	.03834	.03321	.12285	.02443	.01135
2	As1890	.00058	-.00065	.00172	.00200	-.00002	-.00139
3	B_2496	2.7325	.57827	.59025	4.6920	1.7081	.33640
4	Ba4934	.03179	.53243	.53976	1.2561	1.6819	.33699
5	Be3130	.00090	.00012	.00006	.00004	-.00008	-.00001
6	Ca3179	227.07	223.68	223.99	87.156	255.65	51.938
7	Cd2265	.00036	.00116	.00132	.00080	.00078	.00032
8	Co2286	.00079	.00050	.00089	.00738	.00187	.00015
9	Cr2677	.00179	.00400	.00362	.01753	.00626	.00127
10	Cu3247	.00392	.00197	.00253	.00279	.00149	.00100
11	Fe2714	.31895	43.311	43.408	16.998	25.968	5.2803
12	K_7664	318.00	15.132	15.661	147.01	46.351	7.9161
13	Mg2790	718.14	28.432	28.950	106.49	77.046	15.514
14	Mn2576	.13729	1.0484	1.0434	.07088	1.1769	.23930
15	Na3302	H2727.4	54.348	56.341	H698.88	H628.84	139.95
16	Ni2316	-.00295	.00451	.00487	.01301	.00415	.00142
17	2203/1	.00247	.00534	.00234	.00602	-.00001	.00310
18	2203/2	.00113	-.00098	-.00121	.00090	.00250	.00130
19	Sb2068	-.00261	-.00114	.00185	-.00024	-.00088	.00018
20	1960/1	.00954	.01151	.00318	.00715	.00811	.00796
21	1960/2	.01461	-.00259	-.00179	.00268	.00081	-.00078
22	Ti3372	.00663	.00154	.00146	.00277	.00231	.00029
23	Tl1908	.00371	.00301	.00306	.00317	.00361	.00254
24	V_2924	.00248	.00223	.00232	.00721	.00302	.00065
25	Zn2062	.04033	.00683	.00612	.00665	.00149	.00018
26	Sn1899	L-.07396	-.00219	-.00048	.00179	-.00220	-.00128
27	Ag3280	-.00345	-.00082	-.00088	-.00092	-.00110	-.00019
28	Mo2020	.00008	-.00137	-.00185	-.00190	-.00196	-.00041
29	*Y	4996.5	5572.8	5610.45	5480.18	5558.48	5699.33
30	PB2203	.00157	.00112	-.00002	.00260	.00166	.00190
31	SE1960	.01292	.00211	-.00013	.00417	.00324	.00213

#	Element	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD839624	CCV	CCB
1	Al3082	10.980	11.102	10.938	.01907	25.419	.01463
2	As1890	.21426	.21202	.21008	.00243	.50073	.00121
3	B_2496	1.9074	1.9279	1.9038	.07712	.50458	.00277
4	Ba4934	1.8916	1.9117	1.8827	.07115	.51318	.00025
5	Be3130	.20708	.20715	.20528	.00015	.50708	.00017
6	Ca3179	264.91	267.97	264.11	104.00	25.493	.02678
7	Cd2265	.20689	.20486	.20327	.00007	.50276	.00014
8	Co2286	.20486	.19762	.19579	.00004	.49805	.00021
9	Cr2677	.21014	.21111	.20893	.00012	.51620	.00062
10	Cu3247	.21335	.21729	.21484	.00150	.48737	.00086
11	Fe2714	36.228	36.621	35.904	2.6043	25.094	.00868
12	K_7664	58.503	59.222	58.447	3.7594	25.317	.02808
13	Mg2790	87.376	88.314	87.067	38.435	25.523	.02069
14	Mn2576	1.3790	1.3959	1.3737	1.6611	.51036	.00036
15	Na3302	H633.07	H640.10	H632.95	61.507	25.468	.25374
16	Ni2316	.20517	.20605	.20455	.00116	.50760	-.00009
17	2203/1	.20487	.20723	.20349	.00049	.50675	.00302
18	2203/2	.20677	.20493	.20601	-.00068	.50605	-.00109
19	Sb2068	.21503	.21624	.21320	.00232	.51053	-.00220
20	1960/1	.22422	.22170	.22063	.00482	.52559	.00708
21	1960/2	.21979	.21669	.21530	-.00043	.51896	-.00115
22	Ti3372	.21084	.21184	.20977	.00029	.51394	.00038
23	Tl1908	.20904	.21590	.20947	.00154	.51603	.00276
24	V_2924	.21160	.21233	.20983	.00038	.49743	.00010
25	Zn2062	.20086	.20595	.20499	.00211	.50545	-.00009
26	Sn1899	.21090	.21221	.21152	-.00850	.51585	-.00110
27	Ag3280	.05288	.05363	.05268	-.00050	.49482	.00000
28	Mo2020	.20513	.20902	.20616	.00019	.49262	.00053
29	*Y	5489.7	5522.85	5544.67	5681.25	5734.42	5752.8
30	PB2203	.20614	.20570	.20517	-.00029	.50629	.00027
31	SE1960	.22127	.21836	.21707	.00131	.52116	.00159

#	Element	AD839625	AD839626	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD
1	Al3082	.83218	.01987	.04150	10.400	10.388	10.653
2	As1890	.01573	.00910	.00084	.21574	.21121	.20815
3	B_2496	.16402	.05583	.01250	.25741	.25694	.25852
4	Ba4934	.08639	.09709	.01945	.30415	.30289	.30710
5	Be3130	.00048	.00022	.00015	.20570	.20340	.20152
6	Ca3179	623.09	185.64	37.495	189.48	193.39	197.67
7	Cd2265	.00101	.00043	.00013	.20355	.20011	.19762
8	Co2286	.02334	.00165	.00021	.20265	.19394	.19129
9	Cr2677	.00667	.00075	.00037	.20315	.20272	.20110
10	Cu3247	.00506	.00101	.00077	.20109	.20354	.20283
11	Fe2714	24.996	13.658	2.7429	23.423	23.116	22.803
12	K_7664	24.101	4.6788	.88106	15.433	15.755	16.372
13	Mg2790	220.93	50.323	10.146	59.104	60.924	63.795
14	Mn2576	7.4717	3.7115	.75656	3.7813	3.8219	3.9096
15	Na3302	29.565	6.8009	1.5397	17.159	17.175	17.186
16	Ni2316	.02074	.00119	.00031	.20233	.20297	.20114
17	2203/1	.01201	.00280	.00229	.20137	.20194	.20356
18	2203/2	.01234	.00041	-.00099	.20372	.20186	.19818

#	Element	AD839625	AD839626	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD
19	Sb2068	.00020	-.00100	.00111	.20885	.20491	.20301
20	1960/1	.00990	.00888	.00374	.21780	.21436	.20638
21	1960/2	-.00021	-.00146	.00098	.20706	.20566	.20533
22	Ti3372	.03178	.00016	.00000	.20443	.20468	.20929
23	Tl1908	.00474	.00309	-.00081	.20591	.20266	.20372
24	V_2924	.00310	.00005	.00027	.20552	.20493	.20370
25	Zn2062	.14266	.00877	.00194	.20566	.21015	.20929
26	Sn1899	L-.09235	-.00237	-.00169	.20690	.20793	.20657
27	Ag3280	-.00104	-.00041	-.00048	.05132	.05290	.05221
28	Mo2020	.01374	.00148	.00045	.20401	.20743	.20369
29	*Y	5655.38	5653.65	5682.53	5694.9	5657.33	5676.15
30	PB2203	.01223	.00121	.00010	.20294	.20189	.19997
31	SE1960	.00315	.00198	.00190	.21064	.20856	.20568

#	Element	AD839629	AD839630	AD839631	AD839632	CCV	CCB
1	Al3082	.03565	.02410	4.7003	11.977	25.253	.01638
2	As1890	.01038	.00013	.00313	.00150	.49531	-.00073
3	B_2496	.13728	.00494	.01488	.02396	.49627	.00030
4	Ba4934	.05982	.00001	.15329	.05976	.50542	.00016
5	Be3130	.00012	-.00004	.00032	.00108	.50236	.00020
6	Ca3179	623.22	.12853	53.144	57.706	25.450	.02978
7	Cd2265	.00084	-.00002	.00016	.00085	.49941	.00039
8	Co2286	.01473	-.00013	.00462	.00244	.49347	.00004
9	Cr2677	.00163	.00041	.00760	.02964	.51385	.00036
10	Cu3247	.00121	.00069	.00193	.00543	.48248	.00073
11	Fe2714	25.294	.00802	7.5638	8.3107	24.992	.01698
12	K_7664	18.258	.00679	2.2584	2.2684	25.230	.02407
13	Mg2790	174.39	.02499	2.5687	1.9576	25.404	.02192
14	Mn2576	5.6075	.00107	.45340	.12802	.50536	.00031
15	Na3302	26.499	.12769	8.1747	9.8552	25.117	.10348
16	Ni2316	.01316	.00032	.00271	.00871	.50560	.00099
17	2203/1	.00436	.00336	.00345	.00740	.50374	.00118
18	2203/2	-.00090	-.00123	.00184	.00622	.50012	-.00045
19	Sb2068	.00042	.00157	-.00201	-.00298	.50940	-.00183
20	1960/1	.00909	.00701	.01055	.00699	.53093	.00333
21	1960/2	-.00166	-.00080	-.00022	-.00093	.51546	.00089
22	Ti3372	.00247	.00010	.06057	.12975	.51104	.00049
23	Tl1908	.00262	.00238	.00103	.00002	.50382	.00267
24	V_2924	.00088	.00021	.00592	.01747	.49533	.00087
25	Zn2062	.09482	.00806	.01000	.03837	.50409	-.00007
26	Sn1899	L-.08539	-.00110	-.00053	-.00129	.50990	.00070
27	Ag3280	-.00124	-.00001	.00002	-.00017	.49189	.00014
28	Mo2020	.00927	-.00130	.00135	.00149	.49137	.00122
29	*Y	5829.53	5799.38	5766.38	5755.35	5751.15	5706.08
30	PB2203	.00084	.00029	.00238	.00661	.50133	.00008
31	SE1960	.00191	.00180	.00336	.00170	.52061	.00170

#	Element	AD839633	AD839634	AD839635	AD839636	AD839637	AD839638
1	Al3082	.13051	.04010	.18368	.26352	.14289	.20528
2	As1890	.05981	.01398	.00079	.00002	-.00040	-.00064
3	B_2496	.11750	3.3150	.03642	.03337	.02753	.02723
4	Ba4934	.03980	.31470	.02166	.01908	.02342	.02388
5	Be3130	.00018	.00021	.00009	.00006	.00001	.00002
6	Ca3179	88.004	194.50	44.641	57.556	33.407	33.731
7	Cd2265	.00029	.00036	.00005	-.00004	-.00002	-.00007
8	Co2286	.00102	.00481	-.00026	-.00020	-.00059	.00011
9	Cr2677	.01540	.00647	.00093	.00064	.00054	.00105
10	Cu3247	.03087	.01505	.00488	.00299	.00224	.00340
11	Fe2714	2.2604	7.4214	.11769	.17466	.15248	.34219
12	K_7664	255.97	70.009	1.8517	1.8506	1.7320	1.7493
13	Mg2790	15.036	87.885	8.5597	8.7910	9.0836	9.1436
14	Mn2576	.52300	1.8156	.01356	.01330	.01389	.02179
15	Na3302	H578.54	H416.75	18.012	16.161	13.289	13.224
16	Ni2316	.01401	.01667	.00100	.00159	.00129	.00132
17	2203/1	.01005	.00300	.00540	.00352	.00471	.00331
18	2203/2	.00760	-.00060	-.00172	-.00049	-.00070	.00108
19	Sb2068	.00137	.00036	-.00004	.00040	-.00073	-.00189
20	1960/1	.01046	.00992	.00581	.00547	.00335	.00247
21	1960/2	.00572	-.00200	.00253	.00059	-.00220	.00045
22	Ti3372	.02843	.00113	.00132	.00161	.00193	.00276
23	Tl1908	.00230	.00120	.00152	.00229	-.00066	.00273
24	V_2924	.03193	.00206	.00086	.00108	.00053	.00107
25	Zn2062	.05450	.01824	.00880	.00666	.00130	.00196
26	Sn1899	L-.01417	L-.02580	-.00260	-.00226	-.00045	-.00225
27	Ag3280	-.00050	-.00072	-.00009	.00005	-.00019	-.00029
28	Mo2020	.00474	.00653	.00162	.00266	.00024	.00100
29	*Y	5664.98	5601.68	5702.78	5700.23	5727.6	5718.9
30	PB2203	.00842	.00059	.00064	.00084	.00110	.00182
31	SE1960	.00730	.00196	.00362	.00222	-.00035	.00112

#	Element	AD8'1:5)	AD8'8/PS	AD8'9/MD	AD8'0/MS	CCV	CCB
1	Al3082	.04228	10.599	.23113	10.091	25.510	.00061
2	As1890	.00035	.20755	.00093	.19758	.49533	-.00072
3	B_2496	.00625	.22966	.02662	.22114	.49956	.00069
4	Ba4934	.00492	.23286	.02274	.22165	.50782	.00002
5	Be3130	.00013	.20743	-.00012	.19753	.50568	-.00001
6	Ca3179	6.8126	43.253	32.188	41.873	25.654	.00694
7	Cd2265	-.00010	.20693	.00003	.19622	.50084	.00006
8	Co2286	-.00013	.20457	-.00030	.18792	.49752	-.00001
9	Cr2677	.00067	.20736	.00102	.19717	.52044	.00060
10	Cu3247	.00144	.20334	.00320	.19690	.48863	.00100
11	Fe2714	.07522	10.732	.33502	10.248	25.194	.01629
12	K_7664	.33823	12.539	1.6650	11.899	25.651	.00225
13	Mg2790	1.8587	19.336	8.7327	18.650	25.606	.00018
14	Mn2576	.00457	.22807	.02086	.21870	.50808	.00009
15	Na3302	2.8169	23.229	12.729	22.422	25.432	.14609
16	Ni2316	.00031	.20718	.00130	.19836	.51088	.00007
17	2203/1	.00309	.20575	.00390	.19897	.50694	.00360
18	2203/2	.00097	.20474	.00120	.19613	.51060	-.00149

#	Element	AD8'1:5)	AD8'8/PS	AD8'9/MD	AD8'0/MS	CCV	CCB
19	Sb2068	.00207	.20274	.00112	.19535	.51162	.00028
20	1960/1	.00654	.21634	.00573	.20897	.53254	.00162
21	1960/2	-.00082	.20979	-.00165	.19737	.52320	.00005
22	Ti3372	.00070	.20839	.00288	.19825	.51689	.00017
23	Tl1908	.00048	.20730	.00404	.19834	.50664	.00124
24	V_2924	.00044	.20761	.00115	.19778	.50051	.00054
25	Zn2062	.00056	.20951	.00213	.20347	.50780	.00030
26	Sn1899	-.00295	.20967	-.00252	.20426	.51473	-.00045
27	Ag3280	-.00014	.05135	.00001	.05024	.49775	.00024
28	Mo2020	.00020	.20559	.00081	.20105	.49600	.00028
29	*Y	5647.73	5757.6	5847.98	5706.6	5706.45	5711.03
30	PB2203	.00168	.20508	.00210	.19707	.50938	.00020
31	SE1960	.00162	.21197	.00081	.20123	.52631	.00057

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.10382	4.29342	21.1492	42.4151	50.811	19.114
2	As1890	-.029	1.05445	5.44947	10.8577	1.0099	.37280
3	B_2496	.00393	.37572	1.865	3.74826	1.0156	.38114
4	Ba4934	-.00034	.75075	3.77274	7.53503	1.0118	.38348
5	Be3130	.08966	1.37081	6.54418	12.8777	1.0022	.37879
6	Ca3179	.03259			34.3453	50.465	19.018
7	Cd2265	.00541	1.56033	7.72357	15.3171	.99902	.37674
8	Co2286	-.00533	.72491	3.66577	7.30078	1.0053	.37274
9	Cr2677	.00262	.58619	2.93263	5.82827	1.0057	.38824
10	Cu3247	.01704	.52884	2.5869	5.16541	1.0128	.36916
11	Fe2714	-.00104	.63403	3.18282	6.33414	50.239	18.769
12	K_7664	-.0693			155.802	50.619	19.053
13	Mg2790	.00139			18.3904	50.177	18.985
14	Mn2576	.00087	.36254	1.81444	3.61161	1.0059	.38119
15	Na3302	.00646			2.32863	50.784	18.913
16	Ni2316	-.0118	.5518	2.82244	5.60494	1.0040	.38264
17	2203/1	.02412	.47663	2.28441	4.52182	1.0046	.38094
18	2203/2	-.01782	2.56207	12.8463	25.5317	1.0025	.38009
19	Sb2068	.0013	.18969	.94349	1.8884	1.0146	.38112
20	1960/1	-.08275	.29707	1.7496	3.53605	.99114	.37943
21	1960/2	.03801	.51942	2.34175	4.6434	.99176	.38291
22	Ti3372	-.00166	1.10107	5.53461	11.0481	1.0083	.38844
23	Tl1908	-.02133	.29942	1.59729	3.24474	1.0163	.38492
24	V_2924	.00043	.08136	.4078	.81339	1.0096	.37539
25	Zn2062	.00139	.06966	.34215	.67379	.99391	.38098
26	Sn1899	.00043	.05421	.27137	.53838	1.0064	.38171
27	Ag3280	-.04343	.60365	3.21787	6.48834	1.0135	.37378
28	Mo2020	.00506	.2673	1.33637	2.68225	1.0129	.37606
29	*Y	5721.3	5727.6	5735.62	5719.88	5646.75	5684.62
30	PB2203					1.0032	.38038
31	SE1960					.99154	.38175

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.05409	.20914	502.39	507.07	25.478	.02019
2	As1890	-.00028	.01051	-.00319	.10018	.49952	-.00056
3	B_2496	-.00006	.02223	.00059	.01306	.50279	.00037
4	Ba4934	.00028	.00214	.00048	.51593	.50650	.00004
5	Be3130	.00030	.00213	.00082	.48819	.50234	.00009
6	Ca3179	.01300	.50444	483.86	487.60	25.251	.00755
7	Cd2265	.00028	.00121	Q.00389	.95470	.50042	.00007
8	Co2286	.00001	.00389	-.00005	.47312	.49452	-.00028
9	Cr2677	-.00011	.00423	-.00036	.50131	.51439	.00001
10	Cu3247	-.00010	.01020	.00468	.51030	.49432	.00000
11	Fe2714	.01446	.04978	190.52	96.495	24.888	.00826
12	K_7664	-.00784	.46945	-.07863	-.07296	25.692	-.03430
13	Mg2790	.00756	.20711	508.42	503.18	25.149	.00653
14	Mn2576	.00014	.00316	.00107	.47618	.50652	-.00002
15	Na3302	-.02424	.98374	-.07944	-.00700	25.296	-.05000
16	Ni2316	.00036	.01039	.00092	.92501	.50407	-.00026
17	2203/1	-.00114	.00290	-.10229	-.05475	.50462	.00048
18	2203/2	.00161	.00540	.05950	.10623	.50519	.00103
19	Sb2068	-.00157	.01901	-.00514	.61670	.50982	-.00047
20	1960/1	.00348	.01758	.00930	.05550	.51163	.00454
21	1960/2	.00462	.01841	.00220	.04975	.51416	.00490
22	Ti3372	.00025	.00502	.00143	.00290	.51781	.00010
23	Tl1908	.00082	.02053	.00308	.09263	.51077	.00027
24	V_2924	.00011	.00554	.00094	.49331	.49724	-.00032
25	Zn2062	.00283	.01113	.00076	.93305	.50324	.00038
26	Sn1899	-.00259	.00571	-.00085	.00208	.50083	-.00016
27	Ag3280	.00009	.00342	-.00067	.21271	.49854	.00012
28	Mo2020	.00021	.00956	-.00319	-.00386	.50275	-.00087
29	*Y	5708.48	5680.95	5463.3	5420.03	5680.58	5720.33
30	PB2203	.00069	.00457	.00562	.05262	.50500	.00085
31	SE1960	.00424	.01813	.00457	.05166	.51331	.00478

#	Element	AD8'4/PB	AD8'3/FB	AD839641	AD839642	AD8'7/PB	AD8'6/FB
1	Al3082	H.09313	10.536	.07194	.08474	.02214	10.454
2	As1890	-.00040	.20758	.00187	.00194	-.00133	.20728
3	B_2496	.00491	.21409	.02936	.07303	.00306	.21197
4	Ba4934	.00011	.21058	.01814	.13172	.00004	.20913
5	Be3130	.00008	.20756	.00022	.00022	.00009	.20650
6	Ca3179	.07104	10.541	77.909	75.267	.05081	10.482
7	Cd2265	.00011	.20900	.00015	-.00002	.00003	.21004
8	Co2286	.00006	.19969	.00044	.00056	-.00032	.19900
9	Cr2677	.00000	.20732	.00038	-.00004	-.00006	.20618
10	Cu3247	.00008	.20707	.01039	.00250	-.00015	.20618
11	Fe2714	.00825	10.406	2.8223	1.1528	-.00608	10.383
12	K_7664	-.01959	10.729	.83089	5.5130	-.03532	10.781
13	Mg2790	.01032	10.451	13.669	19.331	-.00364	10.428
14	Mn2576	.00033	.20888	.87273	.20531	.00026	.20828
15	Na3302	-.06898	10.567	92.752	24.242	.01264	10.535
16	Ni2316	.00008	.20903	.00022	.00493	-.00015	.20797
17	2203/1	-.00210	.20801	.00034	.00409	-.00079	.20875
18	2203/2	.00155	.20997	-.00001	.00248	.00086	.20904

#	Element	AD8'4/PB	AD8'3/FB	AD839641	AD839642	AD8'7/PB	AD8'6/FB
19	Sb2068	-.00275	.21084	.00072	.00011	-.00148	.20878
20	1960/1	.00489	.20962	.00931	.01114	.00554	.21301
21	1960/2	.00634	.21039	.00659	.00275	.00419	.20922
22	Ti3372	.00029	.20889	.00034	.00016	.00014	.20938
23	Tl1908	.00002	.21352	.00282	-.00122	.00104	.21521
24	V_2924	.00000	.20784	-.00026	.00031	-.00010	.20719
25	Zn2062	.00063	.21288	.00156	.02430	-.00002	.21595
26	Sn1899	-.00145	.21030	-.00203	-.00338	-.00080	.21140
27	Ag3280	.00051	.05382	-.00034	-.00067	.00008	.05294
28	Mo2020	-.00160	.21280	-.00029	.00400	-.00072	.21462
29	*Y	5733.15	5728.2	5657.1	5674.28	5769.83	5772.15
30	PB2203	.00033	.20931	.00010	.00301	.00031	.20894
31	SE1960	.00585	.21013	.00749	.00555	.00464	.21048

#	Element	AD839666	AD839667	AD839668	AD839669	CCV	CCB
1	Al3082	.07365	.08273	.07891	.09188	25.537	.02636
2	As1890	-.00162	-.00040	.00012	-.00004	.49973	-.00109
3	B_2496	.01416	.00835	.00701	.00702	.50617	.00123
4	Ba4934	.06604	.03292	.02049	.02371	.50807	.00010
5	Be3130	.00034	.00020	.00021	.00018	.50703	.00015
6	Ca3179	7.9747	2.8971	3.3385	2.1321	25.221	.01722
7	Cd2265	-.00007	.00016	-.00004	.00020	.50221	.00021
8	Co2286	.00279	.00179	.00099	.00038	.49698	.00010
9	Cr2677	.00105	.00005	.00050	.00053	.51620	.00024
10	Cu3247	.00014	.00406	.00394	.00475	.49775	.00037
11	Fe2714	.01864	.04848	.02818	.04688	24.927	.01515
12	K_7664	1.1680	.87672	.78614	.64914	26.140	-.02894
13	Mg2790	6.3789	2.2907	3.5131	2.0772	25.397	.01401
14	Mn2576	.01723	.03558	.02004	.01294	.51030	.00012
15	Na3302	5.7008	5.7627	9.7538	3.8284	25.509	.05658
16	Ni2316	.00408	.00430	.00654	.00414	.50447	.00006
17	2203/1	-.00008	-.00019	-.00102	.00016	.50815	-.00154
18	2203/2	.00159	.00039	.00044	-.00077	.50774	.00065
19	Sb2068	.00001	.00026	.00206	-.00011	.51166	-.00009
20	1960/1	.00130	.00789	.00599	.00503	.51098	.00450
21	1960/2	.00368	.00284	.00238	.00438	.51067	.00725
22	Ti3372	.00073	.00130	.00058	.00121	.51988	.00019
23	Tl1908	-.00077	.00053	.00151	.00080	.51215	.00202
24	V_2924	-.00011	.00010	.00031	-.00053	.49841	.00011
25	Zn2062	.00338	.01203	.00838	.00693	.50795	.00039
26	Sn1899	-.00353	-.00272	-.00208	-.00096	.49874	-.00210
27	Ag3280	.00017	.00021	.00015	-.00013	.50104	.00031
28	Mo2020	-.00154	-.00090	-.00126	-.00158	.50696	-.00017
29	*Y	5757.98	5782.35	5762.4	5713.65	5659.88	5694.3
30	PB2203	.00103	.00019	-.00004	-.00046	.50787	-.00007
31	SE1960	.00289	.00452	.00358	.00460	.51077	.00633

#	Element	AD839670	AD839671	AD839672	AD839673	AD839674	AD839675
1	Al3082	.03620	.03834	.01446	.39935	.02054	.03266
2	As1890	-.00136	-.00067	-.00187	-.00082	-.00237	-.00111
3	B_2496	.00648	.00710	.00767	.00611	.00643	.00634
4	Ba4934	.02352	.02680	.01158	.01720	.01333	.02541
5	Be3130	.00010	.00028	-.00005	.00010	.00001	.00012
6	Ca3179	2.1481	2.7906	3.2152	.86953	.88703	5.2790
7	Cd2265	-.00013	.00004	.00000	.00000	-.00003	.00011
8	Co2286	.00034	.00119	-.00005	.00081	.00064	.00007
9	Cr2677	.00020	.00025	-.00043	.00164	.00026	.00018
10	Cu3247	.00631	.00120	.00791	.00638	.00175	.00061
11	Fe2714	.00217	.00136	.00766	.33901	.00690	.01800
12	K_7664	.62190	.77507	.65745	.55102	.57851	.58999
13	Mg2790	2.0538	2.5477	3.5185	.99968	1.0927	3.9800
14	Mn2576	.01185	.00792	.00152	.01223	.00433	.01499
15	Na3302	3.6495	3.9385	5.1803	2.0356	2.2145	2.4617
16	Ni2316	.00306	.00768	.00423	.00372	.00321	.00311
17	2203/1	-.00155	-.00006	-.00173	.00029	-.00016	-.00088
18	2203/2	.00086	.00000	.00135	.00011	-.00076	-.00111
19	Sb2068	.00003	.00026	-.00149	-.00029	-.00055	.00096
20	1960/1	.00417	.00455	.00402	.00461	.00406	.00763
21	1960/2	.00661	.00492	.00611	-.00058	.00483	.00592
22	Ti3372	.00016	.00043	.00019	.01121	.00004	.00056
23	Tl1908	.00007	-.00347	-.00040	-.00001	.00144	.00060
24	V_2924	-.00011	.00011	-.00043	.00085	-.00010	-.00010
25	Zn2062	.00517	.00906	.01215	.00867	.00549	.00474
26	Sn1899	-.00160	-.00130	-.00257	-.00208	-.00080	-.00194
27	Ag3280	-.00004	.00011	.00015	-.00007	-.00029	.00023
28	Mo2020	-.00031	-.00132	-.00194	-.00015	-.00053	-.00132
29	*Y	5785.8	5675.62	5785.2	5689.58	5734.43	5698.8
30	PB2203	.00005	-.00001	.00032	.00017	-.00056	-.00104
31	SE1960	.00580	.00479	.00541	.00115	.00458	.00649

#	Element	AD8'1:5)	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV	CCB
1	Al3082	.00984	10.389	10.532	10.444	25.349	.03040
2	As1890	-.00072	.20646	.20692	.20630	.49842	-.00186
3	B_2496	.00123	.20999	.21412	.21237	.50500	-.00001
4	Ba4934	.00521	.23213	.23631	.23450	.50347	.00018
5	Be3130	.00004	.20543	.20764	.20769	.50635	.00023
6	Ca3179	1.0682	15.376	15.722	15.709	25.210	.01903
7	Cd2265	-.00003	.20686	.20731	.20764	.50242	.00017
8	Co2286	.00022	.20444	.19857	.19854	.49627	.00007
9	Cr2677	-.00005	.20465	.20667	.20628	.51381	.00009
10	Cu3247	.00049	.20240	.20825	.20751	.49349	.00047
11	Fe2714	.00411	10.270	10.361	10.337	24.825	.01032
12	K_7664	.08933	11.301	11.528	11.475	26.009	-.01270
13	Mg2790	.80155	14.181	14.468	14.458	25.359	.01730
14	Mn2576	.00305	.21980	.22303	.22271	.50962	.00014
15	Na3302	.53241	12.813	13.093	12.978	25.307	.07189
16	Ni2316	.00034	.20727	.21064	.21069	.50320	-.00020
17	2203/1	.00096	.20488	.20783	.20530	.51124	.00053
18	2203/2	-.00051	.20439	.20600	.20529	.50950	.00095

#	Element	AD8'1:5)	AD8'5/PS	AD8'6/MS	AD8'7/SD	CCV	CCB
19	Sb2068	-.00052	.20618	.20919	.20808	.51117	-.00041
20	1960/1	.00078	.21395	.20738	.20486	.51361	.00885
21	1960/2	.00312	.20720	.21030	.21283	.51066	.00445
22	Ti3372	.00026	.20588	.20910	.20849	.51684	.00035
23	Tl1908	.00213	.20765	.20983	.20823	.50877	.00134
24	V_2924	-.00010	.20462	.20664	.20645	.49510	.00022
25	Zn2062	.00038	.20834	.21642	.21501	.50864	.00064
26	Sn1899	-.00097	.20674	.20867	.20599	.50030	-.00031
27	Ag3280	-.00031	.05140	.05359	.05351	.49918	.00025
28	Mo2020	-.00140	.20584	.21453	.21374	.50471	.00011
29	*Y	5691.53	5763.38	5701.5	5721.67	5621.85	5703
30	PB2203	-.00002	.20455	.20661	.20529	.51008	.00081
31	SE1960	.00234	.20945	.20933	.21018	.51164	.00592

#	Element	AD839678	AD839679	AD839680	AD839681	AD839682	AD839683
1	Al3082	.30772	.21794	.07023	.02236	.02375	.01530
2	As1890	-.00203	-.00033	-.00230	.00068	-.00116	-.00008
3	B_2496	.00925	.01636	.01278	.24412	.00529	.00402
4	Ba4934	.00233	.14311	.06561	.09789	.00028	.00008
5	Be3130	.00010	.00076	.00029	.00020	.00002	.00005
6	Ca3179	2.5619	8.8459	7.8218	105.11	.30868	.06902
7	Cd2265	.00012	.00000	.00000	.00008	.00016	.00003
8	Co2286	.00029	.00786	.00288	.00021	-.00039	.00028
9	Cr2677	.00212	-.00012	.00025	-.00008	.00010	.00047
10	Cu3247	.00101	.00149	.00043	.00392	.00045	.00051
11	Fe2714	.38462	.00290	.01389	1.0594	-.00066	.15033
12	K_7664	.77060	1.6226	1.1516	4.5226	-.01283	-.02645
13	Mg2790	9.1642	6.8452	6.3373	39.831	.01998	.00582
14	Mn2576	.00706	.10470	.01707	.05463	.00026	.00053
15	Na3302	13.823	53.991	5.6411	87.026	.20302	.03204
16	Ni2316	.00722	.00829	.00395	-.00004	-.00069	-.00020
17	2203/1	.00212	-.00015	-.00216	-.00375	-.00094	-.00049
18	2203/2	.00040	.00058	.00074	-.00055	-.00077	.00025
19	Sb2068	-.00077	.00073	.00049	-.00042	.00026	-.00118
20	1960/1	.00740	.00295	.00548	.00102	.00611	.00436
21	1960/2	.00326	.00819	.00303	.00074	.00677	.00658
22	Ti3372	.00879	.00047	.00056	.00052	.00032	.00025
23	Tl1908	.00057	-.00038	.00152	.00371	-.00103	.00010
24	V_2924	.00042	-.00021	-.00043	-.00031	-.00021	-.00021
25	Zn2062	.01407	.00844	.00291	.00631	.00140	.00129
26	Sn1899	.00034	-.00242	-.00339	L-.01424	-.00129	-.00047
27	Ag3280	.00012	-.00011	-.00024	-.00009	-.00014	-.00007
28	Mo2020	-.00009	-.00110	-.00197	.02080	-.00183	-.00180
29	*Y	5692.88	5713.65	5712.9	5633.18	5731.35	5707.88
30	PB2203	.00098	.00033	-.00022	-.00162	-.00083	.00000
31	SE1960	.00464	.00645	.00384	.00084	.00655	.00584

#	Element	AD839684	AD839685	CCV	CCB	CRI	ICSA
1	Al3082	2.7994	.12901	25.569	.03894	.20779	502.91
2	As1890	.00484	.01249	.50092	.00107	.00990	-.00078
3	B_2496	.04611	.08639	.50756	.00032	.02077	-.00018
4	Ba4934	.06285	.02840	.50681	.00024	.00207	.00060
5	Be3130	.00031	.00020	.50815	.00021	.00211	.00091
6	Ca3179	138.61	160.25	25.589	.02193	.50237	488.37
7	Cd2265	.00022	.00012	.51149	.00021	.00123	Q.00374
8	Co2286	.00185	.00107	.50148	.00020	.00376	-.00013
9	Cr2677	.01086	.00049	.51982	-.00008	.00453	-.00033
10	Cu3247	.00622	.00147	.49567	-.00022	.00977	.00461
11	Fe2714	5.2422	2.5794	25.161	.01702	.05646	192.32
12	K_7664	3.2995	1.9722	25.736	.00147	.46888	-.08616
13	Mg2790	57.103	67.153	25.498	.02230	.20750	515.57
14	Mn2576	.28557	.14819	.51264	.00018	.00316	.00107
15	Na3302	20.300	64.433	25.412	.10705	1.1608	-.01528
16	Ni2316	.02671	.00205	.51262	-.00027	.01057	.00107
17	2203/1	.00156	-.00073	.51584	-.00105	.00487	-.09938
18	2203/2	.00274	.00085	.51026	-.00025	.00385	.05553
19	Sb2068	-.00195	-.00047	.52157	.00262	.02305	-.00352
20	1960/1	.00483	.00470	.52114	.00088	.02139	.00562
21	1960/2	.00539	.00473	.51289	.00378	.01458	-.00174
22	Ti3372	.04830	.00226	.52207	.00047	.00493	.00145
23	Tl1908	-.00016	-.00050	.51718	.00118	.02045	.00033
24	V_2924	.00679	.00008	.50168	.00009	.00531	.00033
25	Zn2062	.02724	.00173	.51256	.00096	.01138	.00001
26	Sn1899	-.00469	L-.01805	.50526	.00078	.00654	.00022
27	Ag3280	-.00030	-.00038	.50143	.00027	.00317	-.00109
28	Mo2020	.00343	.01556	.50733	-.00086	.00963	-.00544
29	*Y	5695.2	5663.55	5662.12	5831.62	5792.03	5467.88
30	PB2203	.00235	.00032	.51212	-.00051	.00419	.00394
31	SE1960	.00520	.00472	.51564	.00281	.01685	.00071

#	Element	ICSAB	CCV	CCB
1	Al3082	518.63	25.917	-.01914
2	As1890	.10039	.50423	-.00033
3	B_2496	.01228	.51284	-.00023
4	Ba4934	.53346	.52623	.00017
5	Be3130	.51620	.52609	-.00003
6	Ca3179	505.69	25.691	.01534
7	Cd2265	.98937	.49811	.00000
8	Co2286	.49112	.50696	-.00021
9	Cr2677	.52077	.53117	.00019
10	Cu3247	.52420	.50441	.00174
11	Fe2714	99.973	25.344	-.00300
12	K_7664	-.08651	Q27.875	-.01701
13	Mg2790	527.58	26.076	.00544
14	Mn2576	.50039	.52336	-.00004
15	Na3302	-.02847	25.635	.04914
16	Ni2316	.96099	.51718	.00009
17	2203/1	-.04694	.51503	.00051
18	2203/2	.10556	.51955	-.00005

#	Element	ICSAB	CCV	CCB
19	Sb2068	.63228	.50539	-.00070
20	1960/1	.04978	.50864	-.00046
21	1960/2	.05766	.51318	.00529
22	Ti3372	.00290	.52400	-.00005
23	Tl1908	.09997	.50201	-.00177
24	V_2924	.50745	.50609	-.00009
25	Zn2062	.98523	.52403	.00004
26	Sn1899	.00113	.50564	-.00229
27	Ag3280	.21843	.50974	-.00103
28	Mo2020	-.00606	.51926	-.00068
29	*Y	5282.48	5531.55	5598.6
30	PB2203	.05478	.51804	.00013
31	SE1960	.05503	.51166	.00337

Curvefit

Fit Status Summary 07/15/08 10:11:06 AM

page 1

Method: TRACE1
Mode: Concentration
Standards Table: NAKCAMG
Data File: 1FEB2908

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
-----	-----	-----	-----	-----
Ca3179	317.933	02/29/08 10:43	Full Fit	.999983
K_7664	766.491	02/29/08 10:44	Full Fit	.999935
Mg2790	279.078	02/29/08 10:44	Full Fit	.999980
Na3302	330.232	02/29/08 10:44	Full Fit	.999993

02/29/08 10:18:19 AM

page 1

Calibration Report

Method: TRACE1 Standard Name: STD BLK
 Run Time: 02/29/08 10:15:15
 Comment:
 Correction Factor: 1

Operator:

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	.0355453	-.244815	.0073542	.0150342
SDev	.0001242	.014620	.0000018	.0085478
%RSD	.3493653	5.971845	.0242627	56.85564

#1	.0356331	-.255153	.0073555	.0089900
#2	.0354575	-.234477	.0073529	.0210784

Factor	1.000000	1.000000	1.000000	1.000000
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	1	2	3	4	5	6	7
IntStd	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Mode	Y	--	--	--	--	--	--
Elem	371.030	--	--	--	--	--	--
Wavlen	6119	--	--	--	--	--	--
Avg	1.484648	--	--	--	--	--	--
SDev	.0242631	--	--	--	--	--	--
%RSD							
#1	6118	--	--	--	--	--	--
#2	6120	--	--	--	--	--	--

Calibration Report

02/29/08 10:22:12 AM

page 1

Method: TRACE1 Standard Name: STD 1
 Run Time: 02/29/08 10:19:09
 Comment:
 Correction Factor: 1

Operator:

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	5.089559	16.23073	2.883723	.2430277
SDev	.000761	.07108	.001266	.0036325
%RSD	.0149589	.4379460	.0438931	1.494694

#1	5.090097	16.28099	2.884619	.2455963
#2	5.089020	16.18047	2.882829	.2404591

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	5950	--	--	--	--	--	--
SDev	24.92551	--	--	--	--	--	--
%RSD	.4189074	--	--	--	--	--	--
#1	5932	--	--	--	--	--	--
#2	5968	--	--	--	--	--	--

alibration Report

02/29/08 10:27:15 AM

page 1

ethod: TRACE1 Standard Name: STD 2
 un Time: 02/29/08 10:24:12
 omment:
 orrection Factor: 1

Operator:

Elem	Ca3179	K 7664	Mg2790	Na3302
Avge	25.68527	79.81636	14.83934	1.220836
SDev	.03784	.27918	.02082	.005805
%RSD	.1473130	.3497721	.1403201	.4755192

#1	25.65852	79.61895	14.82461	1.216731
#2	25.71203	80.01376	14.85406	1.224940

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5891	--	--	--	--	--	--
SDev	7.742958	--	--	--	--	--	--
%RSD	.1314265	--	--	--	--	--	--

#1	5897	--	--	--	--	--	--
#2	5886	--	--	--	--	--	--

calibration Report

02/29/08 10:32:27 AM

page 1

Method: TRACE1 Standard Name: STD 3
 Run Time: 02/29/08 10:29:24
 Comment:
 Correction Factor: 1

Operator:

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	50.78799	152.6110	29.40547	2.487446
SDev	.06733	.1542	.05182	.003751
%RSD	.1325703	.1010373	.1762110	.1507797

#1	50.83559	152.5020	29.44211	2.484794
#2	50.74038	152.7201	29.36883	2.490098

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	5654	--	--	--	--	--	--
SDev	20.47088	--	--	--	--	--	--
%RSD	.3620873	--	--	--	--	--	--
#1	5639	--	--	--	--	--	--
#2	5668	--	--	--	--	--	--

Calibration Report

02/29/08 10:37:39 AM

page 1

Method: TRACE1 Standard Name: NAKCAMG100

Operator:

Run Time: 02/29/08 10:34:35

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	100.4797	289.8732	59.20093	5.170373
SDev	.0308	.0348	.05960	.009053
%RSD	.0306572	.0119928	.1006679	.1750900

#1	100.4579	289.8978	59.15879	5.176774
#2	100.5015	289.8486	59.24307	5.163972

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	5628	--	--	--	--	--	--
SDev	18.87989	--	--	--	--	--	--
%RSD	.3354725	--	--	--	--	--	--

#1	5614	--	--	--	--	--	--
#2	5641	--	--	--	--	--	--

Calibration Report

02/29/08 10:43:11 AM

page 1

Method: TRACE1 Standard Name: NAKCAMG400

Operator:

Run Time: 02/29/08 10:40:07

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	386.8998	1023.330	242.8871	24.76946
SDev	.2830	1.555	.3000	.03553
%RSD	.0731540	.1520010	.1235117	.1434379

#1	386.6997	1022.230	242.6749	24.74434
#2	387.0999	1024.429	243.0992	24.79458

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5488	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.1816774	--	--	--	--	--	--
#1	5481	--	--	--	--	--	--
#2	5495	--	--	--	--	--	--

Method: TRACE1 Standard: STD BLK

Run Time: 07/17/08 03:39:01

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.10382	-.02901	.00393	-.00035	.08966	.03260	.00542
SDev	.00109	.00762	.00285	.00049	.00012	.00042	.00124
%RSD	1.0532	26.278	72.383	141.42	.13848	1.2746	22.943

#1	.10460	-.03440	.00192	.00000	.08975	.03230	.00454
#2	.10305	-.02362	.00595	-.00070	.08958	.03289	.00630

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00533	.00262	.01704	-.00105	-.06930	.00140	.00087
SDev	.00063	.00025	.00035	.00025	.00052	.00099	.00025
%RSD	11.728	9.5647	2.0386	23.704	.75450	70.814	28.153

#1	-.00489	.00244	.01729	-.00087	-.06967	.00070	.00105
#2	-.00577	.00280	.01680	-.00122	-.06893	.00210	.00070

Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	.00647	-.01180	.02412	-.01783	.00131	-.08276	.03802
SDev	.00001	.00311	.00077	.00418	.00482	.00841	.00106
%RSD	.13719	26.322	3.2115	23.437	368.49	10.168	2.7888

#1	.00646	-.00960	.02357	-.02078	.00471	-.08870	.03876
#2	.00647	-.01400	.02467	-.01487	-.00210	-.07681	.03727

Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	-.00166	-.02133	.00044	.00140	.00044	-.04344	.00507
SDev	.00062	.00918	.00012	.00049	.00087	.00216	.00123
%RSD	37.088	43.015	28.416	35.227	197.86	4.9744	24.250

#1	-.00210	-.01484	.00035	.00175	-.00017	-.04191	.00594
#2	-.00122	-.02782	.00052	.00105	.00105	-.04496	.00420

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5721	--	--	--	--	--	--
SDev	7.848954	--	--	--	--	--	--
%RSD	.1371883	--	--	--	--	--	--
#1	5727	--	--	--	--	--	--
#2	5716	--	--	--	--	--	--

Standardization Rpt.

07/17/08 03:49:31 AM

page 1

Method: TRACE1 Standard: STD 1
 Run Time: 07/17/08 03:44:32

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	4.2934	1.0545	.37573	.75075	1.3708	1.5603	.72491
SDev	.0023	.0040	.00590	.00291	.0002	.0045	.00117
%RSD	.05350	.37538	1.5707	.38814	.01423	.28888	.16144
#1	4.2950	1.0573	.37990	.75281	1.3710	1.5572	.72574
#2	4.2918	1.0517	.37155	.74869	1.3707	1.5635	.72408
Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	.58620	.52884	.63404	.36254	.55180	.47664	2.5621
SDev	.00126	.00191	.00272	.00059	.00020	.00959	.0303
%RSD	.21452	.36095	.42922	.16141	.03688	2.0129	1.1820
#1	.58531	.52749	.63596	.36296	.55195	.46985	2.5835
#2	.58709	.53019	.63211	.36213	.55166	.48342	2.5407
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.18969	.29707	.51942	1.1011	.29943	.08136	.06966
SDev	.00421	.00894	.02080	.0023	.00734	.00030	.00070
%RSD	2.2186	3.0098	4.0047	.20502	2.4506	.36273	1.0041
#1	.18672	.30340	.53413	1.1027	.30462	.08157	.06917
#2	.19267	.29075	.50471	1.0995	.29424	.08115	.07016
Elem	Sn1899	Ag3280	Mo2020				
Avge	.05421	.60366	.26730				
SDev	.00040	.00122	.00182				
%RSD	.74245	.20241	.67972				
#1	.05450	.60452	.26602				
#2	.05393	.60279	.26859				

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5728	--	--	--	--	--	--
SDev	3.393975	--	--	--	--	--	--
%RSD	.0592565	--	--	--	--	--	--
#1	5725	--	--	--	--	--	--
#2	5730	--	--	--	--	--	--

Method: TRACE1 Standard: STD 2
 Run Time: 07/17/08 03:49:35

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	21.149	5.4495	1.8650	3.7727	6.5442	7.7236	3.6658
SDev	.042	.0340	.0034	.0066	.0013	.0019	.0006
%RSD	.20028	.62365	.18230	.17421	.01948	.02485	.01635
#1	21.179	5.4735	1.8626	3.7774	6.5433	7.7249	3.6653
#2	21.119	5.4254	1.8674	3.7681	6.5451	7.7222	3.6662
Elem	Cr2677	Cu3247	Fe2714	Mn2576	Ni2316	2203/1	2203/2
Avge	2.9326	2.5869	3.1828	1.8144	2.8224	2.2844	12.846
SDev	.0019	.0071	.0052	.0005	.0062	.0109	.093
%RSD	.06353	.27320	.16326	.02808	.21881	.47498	.72424
#1	2.9340	2.5919	3.1791	1.8141	2.8181	2.2921	12.912
#2	2.9313	2.5819	3.1865	1.8148	2.8268	2.2767	12.780
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Avge	.94349	1.7496	2.3418	5.5346	1.5973	.40780	.34216
SDev	.00312	.0221	.0201	.0018	.0010	.00044	.00114
%RSD	.33100	1.2624	.86002	.03207	.06553	.10685	.33342
#1	.94570	1.7652	2.3275	5.5334	1.5980	.40749	.34135
#2	.94128	1.7340	2.3560	5.5359	1.5966	.40811	.34297
Elem	Sn1899	Ag3280	Mo2020				
Avge	.27137	3.2179	1.3364				
SDev	.00025	.0018	.0105				
%RSD	.09215	.05453	.78753				
#1	.27120	3.2191	1.3289				
#2	.27155	3.2166	1.3438				

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5736	--	--	--	--	--	--
SDev	7.742612	--	--	--	--	--	--
%RSD	.1349916	--	--	--	--	--	--
#1	5730	--	--	--	--	--	--
#2	5741	--	--	--	--	--	--

Method: TRACE1 Standard: STD 3
 Run Time: 07/17/08 03:54:38

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	42.415	10.858	3.7483	7.5350	12.878	34.345	15.317
SDev	.017	.070	.0132	.0031	.018	.029	.021
%RSD	.04109	.64767	.35094	.04176	.13759	.08470	.13785
#1	42.427	10.808	3.7390	7.5373	12.865	34.325	15.302
#2	42.403	10.907	3.7576	7.5328	12.890	34.366	15.332
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.3008	5.8283	5.1654	6.3341	155.80	18.390	3.6116
SDev	.0104	.0021	.0014	.0005	.31	.004	.0006
%RSD	.14237	.03612	.02729	.00715	.20107	.02174	.01644
#1	7.2934	5.8268	5.1644	6.3338	155.58	18.388	3.6112
#2	7.3081	5.8298	5.1664	6.3345	156.02	18.393	3.6120
Elem	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1	1960/2
Avge	2.3286	5.6049	4.5218	25.532	1.8884	3.5361	4.6434
SDev	.0018	.0126	.0364	.016	.0070	.0399	.0296
%RSD	.07771	.22448	.80416	.06313	.37331	1.1270	.63752
#1	2.3299	5.5960	4.4961	25.520	1.8934	3.5079	4.6225
#2	2.3274	5.6138	4.5475	25.543	1.8834	3.5642	4.6643
Elem	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280	Mo2020
Avge	11.048	3.2447	.81339	.67379	.53839	6.4883	2.6823
SDev	.007	.0060	.00080	.00208	.00015	.0038	.0239
%RSD	.06767	.18598	.09872	.30889	.02886	.05831	.88997
#1	11.043	3.2405	.81283	.67232	.53828	6.4857	2.6654
#2	11.053	3.2490	.81396	.67527	.53850	6.4910	2.6991

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5720	--	--	--	--	--	--
SDev	13.47059	--	--	--	--	--	--
%RSD	.2355050	--	--	--	--	--	--
#1	5729	--	--	--	--	--	--
#2	5710	--	--	--	--	--	--

Method: TRACE1

Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	1.18826	-.123150	07/17/08 03:54:38
As1890	189.042	Multiple	Standards	.091805	.002667	07/17/08 03:54:38
B_2496	249.678	Multiple	Standards	.268437	-.001054	07/17/08 03:54:38
Ba4934	493.409	Multiple	Standards	.132843	.000049	07/17/08 03:54:38
Be3130	313.042	Multiple	Standards	.077998	-.006993	07/17/08 03:54:38
Ca3179	317.933	STD 3	STD BLK	1.47912	-.012671	07/17/08 03:54:38
Cd2265	226.502	Multiple	Standards	.065087	-.000360	07/17/08 03:54:38
Co2286	228.616	Multiple	Standards	.136901	.000731	07/17/08 03:54:38
Cr2677	267.716	Multiple	Standards	.171290	-.000449	07/17/08 03:54:38
Cu3247	324.753	Multiple	Standards	.194301	-.003308	07/17/08 03:54:38
Fe2714	271.441	Multiple	Standards	7.87380	.008249	07/17/08 03:54:38
K_7664	766.491	STD 3	STD BLK	.980653	-.176854	07/17/08 03:54:38
Mg2790	279.078	STD 3	STD BLK	1.59868	.005118	07/17/08 03:54:38
Mn2576	257.610	Multiple	Standards	.275997	-.000241	07/17/08 03:54:38
Na3302	330.232	STD 3	STD BLK	1.06470	.008149	07/17/08 03:54:38
Ni2316	231.604	Multiple	Standards	.177116	.002090	07/17/08 03:54:38
2203/1	220.351	Multiple	Standards	.228841	-.005522	07/17/08 03:54:38
2203/2	220.352	Multiple	Standards	.038326	.000679	07/17/08 03:54:38
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.532124	-.000695	07/17/08 03:54:38
1960/1	196.021	Multiple	Standards	.271091	.022410	07/17/08 03:54:38
1960/2	196.022	Multiple	Standards	.211629	-.008070	07/17/08 03:54:38
Ti3372	337.280	Multiple	Standards	.090506	.000152	07/17/08 03:54:38
Tl1908	190.864	Multiple	Standards	.306873	.006554	07/17/08 03:54:38
V_2924	292.402	Multiple	Standards	1.23188	-.000535	07/17/08 03:54:38
Zn2062	206.200	Multiple	Standards	1.46970	-.002060	07/17/08 03:54:38
Sn1899	189.989	Multiple	Standards	1.85099	-.000808	07/17/08 03:54:38
Ag3280	328.068	Multiple	Standards	.153561	.006675	07/17/08 03:54:38
Mo2020	202.030	Multiple	Standards	.376868	-.001900	07/17/08 03:54:38

Standardization

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Method: TRACE1

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000217	-.000217
		STD 1	5.00000	4.97855	.021448
		STD 2	25.0000	25.0077	-.007660
		STD 3	50.0000	50.2771	-.277088

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099471	.000529
		STD 2	.500000	.502953	-.002953
		STD 3	1.00000	.999450	.000550

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099805	.000195
		STD 2	.500000	.499584	.000416
		STD 3	1.00000	1.00512	-.005120

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099781	.000219
		STD 2	.500000	.501230	-.001230
		STD 3	1.00000	1.00102	-.001024

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099928	.000072
		STD 2	.500000	.503440	-.003440
		STD 3	1.00000	.997444	.002556

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.035545	.032598	.002948
		STD 3	50.7880	34.3453	16.4427

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.101198	-.001198
		STD 2	.500000	.502341	-.002341
		STD 3	1.00000	.996575	.003425

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099972	.000028
		STD 2	.500000	.502579	-.002579
		STD 3	1.00000	1.00022	-.000216

CorCoef: 1.00000

Standardization

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.099961	.000039
		STD 2	.500000	.501884	-.001884
		STD 3	1.000000	.997879	.002121

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099446	.000554
		STD 2	.500000	.499330	.000670
		STD 3	1.000000	1.00034	-.000335

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000010	.000010
		STD 1	5.00000	5.00052	-.000522
		STD 2	25.0000	25.0692	-.069166
		STD 3	50.0000	49.8820	.117973

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.244815	-.069302	-.175513
		STD 3	152.611	155.802	-3.19116

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.007354	.001399	.005955
		STD 3	29.4055	18.3904	11.0150

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.099820	.000180
		STD 2	.500000	.500541	-.000541
		STD 3	1.000000	.996554	.003446

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.015034	.006467	.008567
		STD 3	2.48745	2.32863	.158813

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.099823	.000177
		STD 2	.500000	.501989	-.001989
		STD 3	1.000000	.994814	.005186

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.103552	-.003552
		STD 2	.500000	.517245	-.017245
		STD 3	1.000000	1.02926	-.029256

CorCoef: 1.00000

Standardization

Readback Report

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.098875	.001125
		STD 2	.500000	.493031	.006969
		STD 3	1.000000	.979219	.020781

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.100246	-.000246
		STD 2	.500000	.501359	-.001359
		STD 3	1.000000	1.00417	-.004171

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000025	.000025
		STD 1	.100000	.102943	-.002943
		STD 2	.500000	.496711	.003289
		STD 3	1.000000	.981000	.019000

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000025	.000025
		STD 1	.100000	.101855	-.001855
		STD 2	.500000	.487513	.012487
		STD 3	1.000000	.974610	.025390

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099805	.000195
		STD 2	.500000	.501065	-.001065
		STD 3	1.000000	1.00007	-.000071

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000008	-.000008
		STD 1	.100000	.098441	.001559
		STD 2	.500000	.496722	.003278
		STD 3	1.000000	1.00228	-.002280

CorCoef: 0.99999

Standardization

Readback Report

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.099691	.000309
		STD 2	.500000	.501829	-.001829
		STD 3	1.000000	1.00147	-.001469

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100323	-.000323
		STD 2	.500000	.500811	-.000811
		STD 3	1.000000	.988214	.011786

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099536	.000464
		STD 2	.500000	.501502	-.001502
		STD 3	1.000000	.995738	.004262

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099373	.000627
		STD 2	.500000	.500814	-.000814
		STD 3	1.000000	1.00303	-.003031

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000010	-.000010
		STD 1	.100000	.098837	.001163
		STD 2	.500000	.501738	-.001738
		STD 3	1.000000	1.00896	-.008957

CorCoef: 1.00000

Analysis Report

Blank Sample

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Method: TRACE1 Sample Name: STD 3 VER

Operator: TWS

Run Time: 07/17/08 04:00:10

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	50.811	1.0099	1.0156	1.0118	1.0022	50.465	.99903
SDev	.025	.0017	.0011	.0004	.0003	.009	.00153
%RSD	.04883	.16592	.10536	.04153	.02548	.01728	.15335
#1	50.794	1.0111	1.0164	1.0115	1.0024	50.459	1.0001
#2	50.829	1.0087	1.0148	1.0121	1.0020	50.472	.99794
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	1.0053	1.0057	1.0128	50.239	50.619	50.177	1.0059
SDev	.0007	.0008	.0012	.057	.065	.010	.0011
%RSD	.07291	.07725	.11928	.11367	.12786	.01912	.10697
#1	1.0059	1.0062	1.0119	50.199	50.665	50.170	1.0052
#2	1.0048	1.0051	1.0136	50.280	50.573	50.184	1.0067
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	50.784	1.0040	1.0046	1.0025	1.0032	.99155	1.0146
SDev	.010	.0011	.0032	.0029	.0030	.00446	.0025
%RSD	.01885	.11192	.31450	.28512	.29492	.44996	.24820
#1	50.778	1.0032	1.0069	1.0045	1.0053	.99470	1.0164
#2	50.791	1.0048	1.0024	1.0004	1.0011	.98839	1.0128
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	.99115	.99177	1.0083	1.0163	1.0096	.99392	1.0064
SDev	.00638	.00350	.0003	.0035	.0001	.00125	.0031
%RSD	.64374	.35313	.02515	.34821	.01125	.12574	.30337
#1	.99566	.99424	1.0081	1.0138	1.0097	.99480	1.0042
#2	.98663	.98929	1.0084	1.0188	1.0095	.99304	1.0085
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	1.0135	1.0129
SDev	.0004	.0036
%RSD	.03781	.35335

#1	1.0137	1.0104
#2	1.0132	1.0154

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5647	--	--	--	--	--	--
SDev	.2123392	--	--	--	--	--	--
%RSD	.0037604	--	--	--	--	--	--
#1	5647	--	--	--	--	--	--
#2	5647	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE1 Sample Name: ICV

Operator: TWS

Run Time: 07/17/08 04:05:40

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.114	.37280	.38115	.38349	.37879	19.018	.37674
SDev	.017	.00069	.00036	.00031	.00084	.031	.00186
%RSD	.09059	.18610	.09385	.08031	.22075	.16153	.49432
#1	19.102	.37329	.38089	.38327	.37820	18.997	.37543
#2	19.127	.37231	.38140	.38370	.37939	19.040	.37806
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37275	.38825	.36917	18.769	19.053	18.985	.38119
SDev	.00034	.00020	.00057	.036	.065	.008	.00064
%RSD	.09106	.05116	.15560	.19321	.34246	.03964	.16805
#1	.37251	.38811	.36876	18.744	19.007	18.980	.38074
#2	.37299	.38839	.36957	18.795	19.099	18.990	.38164
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.913	.38264	.38095	.38010	.38038	.38175	.38113
SDev	.039	.00002	.00159	.00199	.00185	.00067	.00072
%RSD	.20849	.00504	.41609	.52237	.48693	.17484	.19001
#1	18.885	.38263	.37982	.37869	.37907	.38128	.38062
#2	18.941	.38266	.38207	.38150	.38169	.38222	.38164
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	18.750	.37500			.37500	.37500	.37500
Range	5.0000	5.0000			5.0000	5.0000	5.0000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37944	.38291	.38844	.38493	.37540	.38099	.38172
SDev	.00381	.00090	.00071	.00355	.00026	.00043	.00028
%RSD	1.0032	.23560	.18204	.92144	.06963	.11194	.07436
#1	.37675	.38355	.38794	.38242	.37521	.38129	.38192
#2	.38213	.38227	.38894	.38744	.37558	.38069	.38152
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.37500	.37500	.37500	.37500	.37500
Range			5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.37379	.37606
SDev	.00042	.00144
%RSD	.11161	.38198

#1	.37349	.37708
#2	.37408	.37505

Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5685	--	--	--	--	--	--
SDev	14.53125	--	--	--	--	--	--
%RSD	.2556237	--	--	--	--	--	--
#1	5674	--	--	--	--	--	--
#2	5695	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE1 Sample Name: ICB

Operator: TWS

Run Time: 07/17/08 04:11:10

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05410	-.00028	-.00007	.00028	.00030	.01301	.00028
SDev	.00886	.00078	.00047	.00023	.00016	.00940	.00026
%RSD	16.379	275.78	708.38	81.920	53.242	72.281	93.683
#1	.06036	.00027	.00026	.00044	.00042	.01966	.00047
#2	.04783	-.00084	-.00040	.00012	.00019	.00636	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00012	-.00011	.01446	-.00784	.00756	.00015
SDev	.00088	.00051	.00024	.01463	.00407	.00764	.00021
%RSD	7481.0	428.79	226.58	101.18	51.949	101.03	140.72
#1	.00063	.00024	.00007	.02481	-.00496	.01297	.00029
#2	-.00061	-.00048	-.00028	.00411	-.01073	.00216	.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02424	.00037	-.00115	.00161	.00069	.00425	-.00158
SDev	.04176	.00068	.00165	.00003	.00053	.00152	.00205
%RSD	172.26	184.36	143.59	1.6749	76.384	35.757	129.99
#1	-.05377	.00085	-.00231	.00163	.00032	.00317	-.00303
#2	.00529	-.00011	.00002	.00159	.00107	.00532	-.00013
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00349	.00463	.00026	.00083	.00011	.00283	-.00259
SDev	.00102	.00279	.00046	.00042	.00030	.00073	.00023
%RSD	29.300	60.249	180.18	50.856	272.31	25.910	8.8954
#1	.00421	.00266	.00058	.00053	.00033	.00335	-.00275
#2	.00276	.00660	-.00007	.00113	-.00010	.00231	-.00243
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00010	.00021
SDev	.00039	.00018
%RSD	400.45	86.873

#1	.00038	.00008
#2	-.00018	.00034

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5708	--	--	--	--	--	--
SDev	5.833631	--	--	--	--	--	--
%RSD	.1021925	--	--	--	--	--	--
#1	5704	--	--	--	--	--	--
#2	5713	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 04:22:05 AM

page 1

Method: TRACE1 Sample Name: CRI

Operator: TWS

Run Time: 07/17/08 04:16:39

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20914	.01052	.02224	.00214	.00214	.50444	.00122
SDev	.00133	.00079	.00045	.00002	.00004	.00120	.00006
%RSD	.63363	7.5398	2.0134	.68848	1.7280	.23704	5.2173
#1	.21008	.00995	.02192	.00213	.00217	.50529	.00117
#2	.20820	.01108	.02256	.00215	.00211	.50360	.00126
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00389	.00424	.01020	.04979	.46946	.20711	.00316
SDev	.00016	.00027	.00020	.00004	.00418	.00194	.00007
%RSD	3.9930	6.4459	2.0107	.07294	.89068	.93519	2.0832
#1	.00400	.00405	.01035	.04981	.46650	.20574	.00311
#2	.00378	.00443	.01006	.04976	.47241	.20848	.00321
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98374	.01040	.00291	.00541	.00457	.01814	.01902
SDev	.07799	.00028	.00202	.00023	.00083	.00038	.00213
%RSD	7.9283	2.6854	69.307	4.3356	18.092	2.1142	11.216
#1	.92859	.01020	.00148	.00524	.00399	.01841	.02053
#2	1.0389	.01060	.00433	.00557	.00516	.01787	.01751
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01758	.01841	.00503	.02054	.00554	.01113	.00571
SDev	.00095	.00105	.00014	.00066	.00000	.00001	.00001
%RSD	5.3961	5.7000	2.7716	3.2199	.07957	.10272	.09859
#1	.01691	.01916	.00513	.02101	.00555	.01114	.00572
#2	.01825	.01767	.00493	.02007	.00554	.01113	.00571
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00342	.00957
SDev	.00017	.00065
%RSD	5.1193	6.7605

#1	.00330	.00911
#2	.00354	.01002

Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5681	--	--	--	--	--	--
SDev	4.879313	--	--	--	--	--	--
%RSD	.0858890	--	--	--	--	--	--
#1	5678	--	--	--	--	--	--
#2	5684	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 04:27:34 AM

page 1

Method: TRACE1 Sample Name: ICESA

Operator: TWS

Run Time: 07/17/08 04:22:08

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	502.39	-.00319	.00059	.00048	.00082	483.86	Q.00389
SDev	.19	.00219	.00011	.00002	.00001	.12	.00035
%RSD	.03803	68.677	17.810	4.0927	.96419	.02547	8.9305
#1	502.53	-.00475	.00067	.00050	.00083	483.95	Q.00414
#2	502.26	-.00164	.00052	.00047	.00082	483.78	Q.00365
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	-.00037	.00469	190.52	-.07863	508.42	.00108
SDev	.00012	.00014	.00020	.10	.02150	.56	.00006
%RSD	235.27	36.801	4.1838	.05138	27.346	.10930	6.0403
#1	.00003	-.00027	.00482	190.45	-.09384	508.82	.00112
#2	-.00014	-.00046	.00455	190.59	-.06343	508.03	.00103
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.07944	.00092	-.10230	.05951	.00563	.00457	-.00514
SDev	.09614	.00060	.00009	.00004	.00000	.00024	.00694
%RSD	121.02	64.484	.09262	.06943	.07093	5.3199	134.88
#1	-.14743	.00134	-.10236	.05954	.00563	.00474	-.00024
#2	-.01146	.00050	-.10223	.05948	.00563	.00440	-.01005
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00931	.00220	.00144	.00309	.00095	.00076	-.00085
SDev	.00092	.00083	.00006	.00065	.00016	.00020	.00143
%RSD	9.9240	37.540	4.1482	21.173	17.246	25.977	167.95
#1	.00866	.00279	.00148	.00262	.00106	.00062	.00016
#2	.00996	.00162	.00139	.00355	.00083	.00090	-.00186
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00067	-.00320
SDev	.00019	.00224
%RSD	28.575	70.217

#1	-.00054	-.00478
#2	-.00081	-.00161

Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5463	--	--	--	--	--	--
SDev	4.878968	--	--	--	--	--	--
%RSD	.0893044	--	--	--	--	--	--
#1	5460	--	--	--	--	--	--
#2	5467	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 04:33:03 AM

page 1

Method: TRACE1 Sample Name: ICSAB

Operator: TWS

Run Time: 07/17/08 04:27:37

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	507.07	.10019	.01306	.51593	.48819	487.60	.95470
SDev	1.52	.00125	.00071	.00150	.00166	2.03	.00382
%RSD	.30007	1.2463	5.4560	.29097	.33943	.41675	.39998
#1	508.15	.10107	.01357	.51699	.48936	489.04	.95740
#2	506.00	.09931	.01256	.51487	.48702	486.16	.95200
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.47312	.50131	.51031	96.495	-.07296	503.18	.47618
SDev	.00140	.00164	.00189	.298	.01380	1.86	.00148
%RSD	.29650	.32633	.37129	.30906	18.910	.36958	.31186
#1	.47411	.50247	.51165	96.706	-.06321	504.50	.47723
#2	.47213	.50016	.50897	96.285	-.08272	501.87	.47513
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00701	.92501	-.05475	.10624	.05263	.05167	.61671
SDev	.04451	.00360	.00272	.00124	.00008	.00209	.00000
%RSD	635.28	.38879	4.9614	1.1663	.14851	4.0401	.00012
#1	-.03848	.92755	-.05667	.10711	.05257	.05314	.61671
#2	.02447	.92247	-.05283	.10536	.05268	.05019	.61671
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05550	.04975	.00291	.09263	.49332	.93305	.00209
SDev	.00920	.00147	.00017	.00301	.00181	.00428	.00144
%RSD	16.576	2.9520	6.0070	3.2474	.36799	.45828	69.039
#1	.06201	.04871	.00303	.09476	.49460	.93608	.00107
#2	.04900	.05079	.00278	.09051	.49203	.93003	.00310
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.21271	-.00387
SDev	.00079	.00152
%RSD	.37137	39.220

#1	.21327	-.00279
#2	.21215	-.00494

Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5420	--	--	--	--	--	--
SDev	18.13722	--	--	--	--	--	--
%RSD	.3346335	--	--	--	--	--	--
#1	5407	--	--	--	--	--	--
#2	5433	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 04:41:33 AM

page 1

Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/17/08 04:36:05

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.478	.49953	.50279	.50650	.50235	25.251	.50042
SDev	.023	.00078	.00213	.00079	.00177	.018	.00064
%RSD	.09008	.15699	.42377	.15585	.35306	.07315	.12781
#1	25.494	.49897	.50129	.50595	.50109	25.264	.49997
#2	25.462	.50008	.50430	.50706	.50360	25.238	.50087
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49453	.51439	.49432	24.888	25.692	25.149	.50652
SDev	.00138	.00093	.00228	.022	.290	.033	.00167
%RSD	.27962	.18114	.46213	.09034	1.1273	.13021	.33006
#1	.49355	.51373	.49271	24.904	25.487	25.126	.50534
#2	.49550	.51505	.49594	24.872	25.897	25.173	.50771
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.296	.50407	.50462	.50519	.50500	.51332	.50982
SDev	.093	.00091	.00708	.00289	.00043	.00542	.00617
%RSD	.36945	.18059	1.4024	.57202	.08496	1.0567	1.2101
#1	25.229	.50343	.49962	.50724	.50470	.50948	.51418
#2	25.362	.50472	.50963	.50315	.50531	.51715	.50546
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51164	.51417	.51782	.51078	.49724	.50325	.50084
SDev	.01358	.00134	.00179	.00263	.00045	.00309	.00145
%RSD	2.6551	.26149	.34503	.51480	.09090	.61338	.29025
#1	.50203	.51321	.51656	.51264	.49756	.50107	.50187
#2	.52124	.51512	.51908	.50892	.49692	.50543	.49981
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.49854	.50276
SDev	.00111	.00381
%RSD	.22346	.75882

#1	.49776	.50006
#2	.49933	.50546

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5681	--	--	--	--	--	--
SDev	1.802984	--	--	--	--	--	--
%RSD	.0317395	--	--	--	--	--	--
#1	5682	--	--	--	--	--	--
#2	5679	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 04:47:05 AM

page 1

Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/17/08 04:41:37

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02020	-.00057	.00038	.00005	.00010	.00755	.00008
SDev	.00183	.00093	.00063	.00003	.00002	.00014	.00015
%RSD	9.0417	163.47	167.45	67.408	18.064	1.8058	196.81

#1	.01890	.00009	-.00007	.00003	.00009	.00746	.00019
#2	.02149	-.00122	.00083	.00007	.00011	.00765	-.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	.00001	.00000	.00826	-.03430	.00653	-.00002
SDev	.00018	.00027	.00002	.00973	.00555	.00184	.00003
%RSD	64.156	1857.8	378.54	117.77	16.182	28.206	140.02

#1	-.00042	.00021	.00001	.00138	-.03038	.00523	-.00000
#2	-.00016	-.00018	-.00001	.01515	-.03822	.00783	-.00005

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.05000	-.00026	.00048	.00103	.00085	.00479	-.00047
SDev	.05312	.00017	.00205	.00014	.00078	.00477	.00059
%RSD	106.23	64.569	424.57	13.632	91.412	99.659	124.14

#1	-.01244	-.00038	.00193	.00113	.00140	.00141	-.00006
#2	-.08756	-.00014	-.00097	.00093	.00030	.00816	-.00089

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00455	.00491	.00010	.00027	-.00032	.00038	-.00016
SDev	.00331	.00550	.00002	.00237	.00000	.00019	.00046
%RSD	72.702	112.15	21.552	864.35	.19424	49.292	282.77

#1	.00221	.00102	.00012	.00195	-.00032	.00025	.00016
#2	.00689	.00880	.00009	-.00140	-.00032	.00051	-.00048

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.00012	-.00088
SDev	.00040	.00024
%RSD	321.61	26.834

#1	-.00016	-.00104
#2	.00041	-.00071

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5720	--	--	--	--	--	--
SDev	14.31891	--	--	--	--	--	--
%RSD	.2503164	--	--	--	--	--	--
#1	5730	--	--	--	--	--	--
#2	5710	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839644/PB Operator: TWS
 Run Time: 07/17/08 04:47:10
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H.09314	-.00041	.00492	.00012	.00008	.07105	.00011
SDev	.00035	.00048	.00031	.00000	.00004	.00098	.00010
%RSD	.37395	118.49	6.3442	.13032	43.419	1.3812	93.703

#1	H.09338	-.00075	.00514	.00012	.00011	.07035	.00004
#2	H.09289	-.00007	.00470	.00012	.00006	.07174	.00018

Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	-.00000	.00008	.00825	-.01959	.01032	.00034
SDev	.00020	.00038	.00014	.00194	.00979	.00429	.00007
%RSD	333.61	19436.	167.29	23.543	49.946	41.530	19.766

#1	-.00008	-.00027	-.00001	.00963	-.02652	.00729	.00029
#2	.00021	.00027	.00018	.00688	-.01267	.01336	H.00038

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.06898	.00008	-.00211	.00156	.00034	.00586	-.00275
SDev	.00870	.00030	.00011	.00045	.00034	.00085	.00027
%RSD	12.610	364.58	4.9886	29.010	99.786	14.543	9.7358

#1	-.07513	.00030	-.00218	.00124	.00010	.00526	-.00256
#2	-.06283	-.00013	-.00203	.00188	.00057	.00646	-.00294

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	.74580	.00242			.00638	.01342	.01232
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00489	.00634	.00029	.00002	-.00000	.00063	-.00145
SDev	.00027	.00114	.00011	.00206	.00015	.00055	.00046
%RSD	5.6066	17.986	37.883	9070.6	33946.	86.882	31.327

#1	.00470	.00554	.00022	-.00143	-.00011	.00102	-.00113
#2	.00508	.00715	.00037	.00148	.00011	.00024	-.00177

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00128	.01408	.00172	.00792	.00814
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.00051	-.00160
SDev	.00009	.00061
%RSD	17.439	37.736

#1	.00045	-.00118
#2	.00058	-.00203

Errors	LC Pass	LC Pass
High	.00220	.00462
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5733	--	--	--	--	--	--
SDev	13.15226	--	--	--	--	--	--
%RSD	.2294071	--	--	--	--	--	--
#1	5724	--	--	--	--	--	--
#2	5742	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839643/FB Operator: TWS
 Run Time: 07/17/08 04:52:42
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.536	.20758	.21410	.21058	.20757	10.541	.20900
SDev	.124	.00510	.00353	.00250	.00290	.154	.00283
%RSD	1.1761	2.4570	1.6476	1.1851	1.3980	1.4655	1.3554
#1	10.624	.21119	.21659	.21235	.20962	10.651	.21100
#2	10.449	.20398	.21160	.20882	.20551	10.432	.20700
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19969	.20732	.20707	10.406	10.729	10.451	.20888
SDev	.00298	.00272	.00274	.150	.082	.136	.00246
%RSD	1.4939	1.3126	1.3246	1.4382	.76656	1.3046	1.1792
#1	.20180	.20924	.20901	10.512	10.787	10.547	.21063
#2	.19758	.20540	.20514	10.300	10.670	10.355	.20714
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.567	.20904	.20801	.20997	.20932	.21014	.21085
SDev	.139	.00209	.00223	.00217	.00219	.00235	.00175
%RSD	1.3201	.99858	1.0719	1.0333	1.0460	1.1163	.82781
#1	10.665	.21051	.20959	.21150	.21087	.20848	.21208
#2	10.468	.20756	.20644	.20844	.20777	.21179	.20961
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20962	.21040	.20889	.21353	.20784	.21289	.21031
SDev	.00044	.00330	.00301	.00661	.00291	.00253	.00386
%RSD	.20944	1.5680	1.4388	3.0942	1.3987	1.1897	1.8345
#1	.20931	.20806	.21102	.21820	.20990	.21468	.21304
#2	.20993	.21273	.20677	.20886	.20579	.21110	.20758
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05383	.21280
SDev	.00110	.00053
%RSD	2.0505	.24846

#1	.05461	.21317
#2	.05305	.21243

Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5728	--	--	--	--	--	--
SDev	67.45826	--	--	--	--	--	--
%RSD	1.177652	--	--	--	--	--	--
#1	5680	--	--	--	--	--	--
#2	5776	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839641 Operator: TWS
 Run Time: 07/17/08 04:58:12
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07194	.00187	.02936	.01814	.00022	77.909	.00016
SDev	.00182	.00189	.00084	.00009	.00001	.034	.00001
%RSD	2.5261	101.12	2.8446	.48415	6.2454	.04323	6.1585
#1	.07323	.00053	.02877	.01808	.00023	77.885	.00015
#2	.07066	.00321	.02995	.01820	.00021	77.933	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00039	.01039	2.8223	.83089	13.669	.87274
SDev	.00041	.00021	.00017	.0010	.00320	.002	.00073
%RSD	92.424	54.460	1.6758	.03503	.38510	.01670	.08353
#1	.00015	.00054	.01027	2.8216	.83316	13.667	.87222
#2	.00073	.00024	.01051	2.8230	.82863	13.671	.87325
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	92.752	.00022	.00034	-.00002	.00010	.00750	.00073
SDev	.012	.00051	.00153	.00174	.00065	.00127	.00238
%RSD	.01297	227.76	447.14	9923.9	637.75	16.933	327.06
#1	92.761	-.00014	.00142	-.00125	-.00036	.00840	.00241
#2	92.744	.00058	-.00074	.00121	.00056	.00660	-.00096
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00932	.00659	.00035	.00283	-.00027	.00157	-.00203
SDev	.00053	.00164	.00007	.00210	.00015	.00001	.00000
%RSD	5.7424	24.846	19.641	74.229	57.454	.50532	.13143
#1	.00970	.00775	.00030	.00134	-.00016	.00156	-.00203
#2	.00894	.00543	.00040	.00431	-.00037	.00157	-.00203
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00034	-.00029
SDev	.00018	.00047
%RSD	51.946	161.23

#1	-.00047	-.00063
#2	-.00022	.00004

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5657	--	--	--	--	--	--
SDev	11.87926	--	--	--	--	--	--
%RSD	.2099884	--	--	--	--	--	--
#1	5666	--	--	--	--	--	--
#2	5649	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839642 Operator: TWS
 Run Time: 07/17/08 05:03:43
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08474	.00194	.07303	.13173	.00023	75.267	-.00002
SDev	.00013	.00041	.00015	.00009	.00000	.143	.00021
%RSD	.15391	21.031	.21218	.06729	.98766	.18939	1046.5

#1	.08465	.00223	.07314	.13167	.00023	75.167	.00013
#2	.08483	.00165	.07293	.13179	.00022	75.368	-.00017

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	-.00004	.00251	1.1528	5.5130	19.331	.20532
SDev	.00036	.00019	.00039	.0020	.0012	.026	.00024
%RSD	63.496	438.40	15.481	.17669	.02232	.13640	.11674

#1	.00082	.00009	.00278	1.1542	5.5138	19.350	.20515
#2	.00031	-.00018	.00223	1.1513	5.5121	19.312	.20548

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.242	.00494	.00409	.00248	.00302	.00555	.00011
SDev	.060	.00028	.00124	.00062	.00000	.00088	.00060
%RSD	.24706	5.6271	30.318	25.088	.07998	15.865	523.17

#1	24.284	.00513	.00497	.00204	.00302	.00617	.00053
#2	24.199	.00474	.00321	.00292	.00302	.00493	-.00031

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01114	.00275	.00017	-.00122	.00031	.02430	-.00338
SDev	.00120	.00192	.00015	.00225	.00031	.00025	.00045
%RSD	10.743	69.699	87.101	184.49	98.984	1.0256	13.305

#1	.01030	.00411	.00006	-.00281	.00053	.02412	-.00306
#2	.01199	.00140	.00027	.00037	.00009	.02448	-.00370

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00068	.00401
SDev	.00014	.00026
%RSD	20.791	6.3499
#1	-.00058	.00383
#2	-.00078	.00419
Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5674	--	--	--	--	--	--
SDev	24.71317	--	--	--	--	--	--
%RSD	.4355301	--	--	--	--	--	--
#1	5657	--	--	--	--	--	--
#2	5692	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839687/PB Operator: TWS
 Run Time: 07/17/08 05:12:12
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02215	-.00133	.00306	.00005	.00009	.05082	.00003
SDev	.00472	.00051	.00056	.00000	.00003	.00432	.00012
%RSD	21.321	38.093	18.183	.21767	37.741	8.4954	402.12
#1	.02549	-.00097	.00346	.00005	.00012	.04777	-.00006
#2	.01881	-.00169	.00267	.00005	.00007	.05387	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	-.00006	-.00016	-.00608	-.03532	-.00364	.00026
SDev	.00012	.00034	.00021	.01255	.01142	.00241	.00010
%RSD	36.296	533.71	133.29	206.38	32.332	66.184	38.876
#1	-.00024	-.00030	-.00001	.00279	-.02725	-.00535	.00019
#2	-.00041	.00017	-.00031	-.01496	-.04340	-.00194	.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01265	-.00015	-.00079	.00087	.00031	.00465	-.00149
SDev	.03092	.00030	.00228	.00075	.00026	.00049	.00097
%RSD	244.46	201.63	286.50	86.156	82.390	10.563	65.067
#1	.03451	.00006	-.00241	.00140	.00013	.00499	-.00217
#2	-.00922	-.00037	.00082	.00034	.00050	.00430	-.00080
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00554	.00420	.00014	.00105	-.00011	-.00002	-.00081
SDev	.00085	.00116	.00014	.00215	.00000	.00000	.00000
%RSD	15.424	27.721	100.22	204.83	.30748	3.0531	.05829
#1	.00494	.00502	.00025	.00257	-.00011	-.00002	-.00081
#2	.00615	.00337	.00004	-.00047	-.00011	-.00002	-.00081
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00009	-.00072
SDev	.00029	.00083
%RSD	328.15	114.69

#1	.00029	-.00014
#2	-.00012	-.00131

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5770	--	--	--	--	--	--
SDev	3.075638	--	--	--	--	--	--
%RSD	.0533056	--	--	--	--	--	--
#1	5772	--	--	--	--	--	--
#2	5768	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839686/FB Operator: TWS
 Run Time: 07/17/08 05:17:44
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.454	.20728	.21197	.20914	.20651	10.482	.21005
SDev	.009	.00098	.00128	.00003	.00001	.016	.00081
%RSD	.08354	.47129	.60286	.01191	.00637	.15724	.38315
#1	10.460	.20659	.21107	.20912	.20650	10.494	.21062
#2	10.448	.20797	.21288	.20916	.20652	10.471	.20948
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19900	.20618	.20618	10.383	10.781	10.428	.20828
SDev	.00028	.00003	.00079	.044	.008	.009	.00013
%RSD	.14031	.01622	.38459	.42417	.07011	.08756	.06183
#1	.19880	.20616	.20562	10.414	10.776	10.421	.20837
#2	.19920	.20621	.20674	10.352	10.786	10.434	.20819
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.535	.20797	.20875	.20905	.20895	.21048	.20879
SDev	.002	.00098	.00112	.00235	.00120	.00122	.00495
%RSD	.01513	.47128	.53748	1.1250	.57191	.57899	2.3707
#1	10.534	.20866	.20796	.21071	.20979	.20962	.21229
#2	10.536	.20728	.20954	.20738	.20810	.21135	.20529
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	11.500	.23000			.23000	.23000	.23000
Low	8.5000	.17000			.17000	.17000	.17000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21301	.20922	.20938	.21522	.20720	.21595	.21141
SDev	.00064	.00151	.00008	.00124	.00042	.00047	.00110
%RSD	.30224	.71986	.03962	.57476	.20186	.21833	.52008
#1	.21256	.20816	.20932	.21434	.20690	.21628	.21063
#2	.21347	.21029	.20944	.21609	.20750	.21562	.21219
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.23000	.23000	.23000	.23000	.23000
Low			.17000	.17000	.17000	.17000	.17000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05295	.21463
SDev	.00021	.00445
%RSD	.39033	2.0716

#1	.05309	.21148
#2	.05280	.21777

Errors	LC Pass	LC Pass
High	.05750	.23000
Low	.04250	.17000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5772	--	--	--	--	--	--
SDev	11.45492	--	--	--	--	--	--
%RSD	.1984516	--	--	--	--	--	--
#1	5780	--	--	--	--	--	--
#2	5764	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839666 Operator: TWS
 Run Time: 07/17/08 05:23:15
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07366	-.00162	.01417	.06604	.00034	7.9747	-.00008
SDev	.00030	.00063	.00118	.00001	.00000	.0068	.00010
%RSD	.41032	38.629	8.2896	.01451	.16882	.08542	122.05

#1	.07344	-.00118	.01500	.06605	.00034	7.9795	-.00001
#2	.07387	-.00206	.01334	.06604	.00034	7.9699	-.00015

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00279	.00105	.00015	.01864	1.1680	6.3789	.01723
SDev	.00046	.00002	.00022	.00292	.0093	.0104	.00006
%RSD	16.325	1.8226	147.89	15.642	.79494	.16320	.33713

#1	.00312	.00104	.00030	.02070	1.1746	6.3863	.01727
#2	.00247	.00107	-.00001	.01658	1.1615	6.3716	.01719

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7008	.00408	-.00009	.00160	.00104	.00289	.00002
SDev	.0060	.00009	.00068	.00055	.00014	.00118	.00090
%RSD	.10475	2.2109	797.91	34.420	13.510	40.708	5240.3

#1	5.6966	.00415	.00040	.00121	.00094	.00206	.00066
#2	5.7050	.00402	-.00057	.00199	.00114	.00372	-.00062

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.00368	.00073	-.00078	-.00011	.00339	-.00354
SDev	.00003	.00175	.00007	.00069	.00000	.00019	.00113
%RSD	2.2289	47.531	9.0323	88.680	.85560	5.5637	32.010

#1	.00129	.00244	.00068	-.00126	-.00011	.00352	-.00274
#2	.00133	.00492	.00078	-.00029	-.00011	.00326	-.00434

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.00017	-.00155
SDev	.00018	.00139
%RSD	103.92	89.686

#1	.00030	-.00253
#2	.00005	-.00057

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5758	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.1381554	--	--	--	--	--	--
#1	5752	--	--	--	--	--	--
#2	5764	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839667 Operator: TWS
 Run Time: 07/17/08 05:28:47
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08273	-.00040	.00835	.03292	.00021	2.8971	.00017
SDev	.00093	.00042	.00044	.00007	.00002	.0053	.00010
%RSD	1.1250	103.91	5.2975	.22645	10.326	.18380	57.912
#1	.08339	-.00070	.00866	.03287	.00023	2.9008	.00023
#2	.08208	-.00011	.00804	.03298	.00019	2.8933	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.00005	.00407	.04848	.87673	2.2907	.03558
SDev	.00012	.00038	.00032	.00873	.03526	.0072	.00009
%RSD	6.5985	696.83	7.9103	18.015	4.0212	.31510	.26530
#1	.00188	.00032	.00430	.05466	.90166	2.2959	.03565
#2	.00171	-.00021	.00384	.04230	.85180	2.2856	.03552
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7627	.00431	-.00020	.00040	.00020	.00453	.00026
SDev	.0015	.00024	.00173	.00118	.00136	.00075	.00526
%RSD	.02590	5.6215	868.59	297.79	689.04	16.572	1991.1
#1	5.7638	.00448	-.00142	-.00044	-.00076	.00400	.00399
#2	5.7617	.00413	.00102	.00123	.00116	.00506	-.00346
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00790	.00284	.00130	.00053	.00010	.01204	-.00273
SDev	.00069	.00078	.00012	.00055	.00000	.00015	.00045
%RSD	8.7035	27.501	9.5076	104.34	.44860	1.2898	16.497
#1	.00741	.00229	.00139	.00092	.00010	.01193	-.00241
#2	.00839	.00340	.00121	.00014	.00010	.01215	-.00304
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00021	-.00091
SDev	.00048	.00032
%RSD	226.65	35.489

#1	.00055	-.00113
#2	-.00013	-.00068

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5782	--	--	--	--	--	--
SDev	9.757936	--	--	--	--	--	--
%RSD	.1687538	--	--	--	--	--	--
#1	5775	--	--	--	--	--	--
#2	5789	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839668 Operator: TWS
 Run Time: 07/17/08 05:34:19
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	.07892	.00012	.00701	.02050	.00022	3.3385	-.00005
SDev	.00283	.00172	.00075	.00036	.00008	.0576	.00013
%RSD	3.5858	1429.0	10.673	1.7449	36.791	1.7254	268.47

#1	.08092	.00134	.00754	.02075	.00027	3.3792	-.00014
#2	.07692	-.00109	.00648	.02025	.00016	3.2978	.00004

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	.00100	.00050	.00394	.02818	.78615	3.5131	.02005
SDev	.00005	.00030	.00032	.00892	.01087	.0482	.00040
%RSD	5.3172	60.560	8.1009	31.644	1.3827	1.3713	1.9702

#1	.00104	.00072	.00417	.03449	.79383	3.5472	.02033
#2	.00096	.00029	.00372	.02188	.77846	3.4791	.01977

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	9.7538	.00654	-.00103	.00044	-.00005	.00359	.00206
SDev	.1647	.00063	.00002	.00089	.00059	.00365	.00133
%RSD	1.6881	9.5491	1.9616	200.52	1276.4	101.72	64.563

#1	9.8702	.00610	-.00101	-.00019	-.00046	.00101	.00301
#2	9.6373	.00698	-.00104	.00107	.00037	.00617	.00112

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avgc	.00599	.00239	.00058	.00152	.00032	.00839	-.00209
SDev	.00195	.00450	.00019	.00360	.00001	.00084	.00044
%RSD	32.479	188.53	33.170	236.94	2.8650	9.9895	21.076

#1	.00461	-.00080	.00072	.00406	.00032	.00898	-.00178
#2	.00737	.00557	.00045	-.00103	.00031	.00779	-.00240

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.00016	-.00127
SDev	.00000	.00009
%RSD	1.7509	6.7554

#1	.00016	-.00133
#2	.00015	-.00120

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5762	--	--	--	--	--	--
SDev	64.06394	--	--	--	--	--	--
%RSD	1.111758	--	--	--	--	--	--
#1	5717	--	--	--	--	--	--
#2	5808	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839669 Operator: TWS
 Run Time: 07/17/08 05:39:52
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09189	-.00005	.00703	.02372	.00018	2.1321	.00020
SDev	.00215	.00104	.00034	.00002	.00001	.0061	.00001
%RSD	2.3393	2229.9	4.8346	.09294	6.7783	.28410	3.3528

#1	.09341	-.00078	.00679	.02370	.00019	2.1364	.00020
#2	.09037	.00069	.00727	.02373	.00017	2.1278	.00020

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00039	.00054	.00475	.04688	.64914	2.0772	.01295
SDev	.00024	.00009	.00020	.00971	.01047	.0012	.00006
%RSD	61.377	15.904	4.1942	20.704	1.6137	.05650	.43589

#1	.00055	.00048	.00461	.05374	.64173	2.0780	.01299
#2	.00022	.00060	.00489	.04002	.65655	2.0763	.01291

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.8284	.00415	.00017	-.00077	-.00046	.00460	-.00011
SDev	.1193	.00002	.00321	.00129	.00193	.00165	.00125
%RSD	3.1163	.55600	1934.9	166.98	418.44	35.944	1116.3

#1	3.7440	.00413	-.00210	-.00169	-.00183	.00343	-.00100
#2	3.9128	.00416	.00243	.00014	.00090	.00577	.00077

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00504	.00438	.00122	.00080	-.00054	.00694	-.00097
SDev	.00300	.00098	.00003	.00277	.00030	.00072	.00023
%RSD	59.620	22.339	2.8376	345.41	56.454	10.375	23.702

#1	.00291	.00369	.00120	-.00115	-.00032	.00744	-.00081
#2	.00716	.00508	.00124	.00276	-.00075	.00643	-.00113

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00013	-.00158
SDev	.00012	.00028
%RSD	89.979	17.669

#1	-.00005	-.00178
#2	-.00022	-.00139

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5714	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.0928181	--	--	--	--	--	--
#1	5717	--	--	--	--	--	--
#2	5710	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 05:53:48 AM

page 1

Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/17/08 05:48:21

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.537	.49973	.50618	.50808	.50704	25.221	.50222
SDev	.042	.00393	.00271	.00159	.00221	.064	.00149
%RSD	.16276	.78723	.53498	.31282	.43524	.25289	.29718
#1	25.507	.49695	.50426	.50695	.50548	25.176	.50116
#2	25.566	.50251	.50809	.50920	.50860	25.266	.50327
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49699	.51620	.49775	24.927	26.140	25.397	.51030
SDev	.00217	.00203	.00131	.048	.152	.098	.00261
%RSD	.43647	.39402	.26348	.19220	.58229	.38403	.51104
#1	.49545	.51476	.49683	24.893	26.032	25.328	.50846
#2	.49852	.51764	.49868	24.961	26.248	25.466	.51215
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.509	.50447	.50815	.50774	.50788	.51078	.51167
SDev	.226	.00113	.00351	.00240	.00277	.00278	.00027
%RSD	.88645	.22487	.69119	.47232	.54524	.54440	.05343
#1	25.349	.50367	.50567	.50605	.50592	.50881	.51186
#2	25.669	.50527	.51063	.50944	.50984	.51274	.51148
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51098	.51068	.51988	.51216	.49841	.50795	.49875
SDev	.00577	.00129	.00183	.00122	.00183	.00140	.00376
%RSD	1.1287	.25208	.35171	.23874	.36765	.27539	.75404
#1	.50690	.50977	.51859	.51129	.49712	.50696	.49609
#2	.51506	.51159	.52117	.51302	.49971	.50894	.50141
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.50105	.50696
SDev	.00071	.00524
%RSD	.14208	1.0331

#1	.50055	.50326
#2	.50155	.51067

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5660	--	--	--	--	--	--
SDev	3.287978	--	--	--	--	--	--
%RSD	.0580927	--	--	--	--	--	--
#1	5662	--	--	--	--	--	--
#2	5658	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 05:59:20 AM

page 1

Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/17/08 05:53:53

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02636	-.00110	.00123	.00011	.00016	.01723	.00021
SDev	.00023	.00110	.00091	.00002	.00001	.00094	.00010
%RSD	.86840	99.795	73.576	15.651	3.4208	5.4715	45.077
#1	.02653	-.00032	.00059	.00010	.00015	.01656	.00028
#2	.02620	-.00187	.00188	.00012	.00016	.01789	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00024	.00038	.01516	-.02895	.01401	.00012
SDev	.00014	.00013	.00006	.00193	.01572	.00211	.00010
%RSD	130.51	51.520	16.079	12.751	54.306	15.036	84.679
#1	.00020	.00033	.00033	.01653	-.01783	.01550	.00005
#2	.00001	.00015	.00042	.01379	-.04006	.01252	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05659	.00007	-.00154	.00066	-.00008	.00634	-.00009
SDev	.05190	.00008	.00001	.00112	.00075	.00357	.00021
%RSD	91.708	119.01	.89124	171.44	984.92	56.342	232.51
#1	.09328	.00001	-.00153	-.00014	-.00060	.00381	-.00024
#2	.01989	.00013	-.00155	.00145	.00045	.00887	.00006
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00450	.00726	.00020	.00202	.00011	.00039	-.00211
SDev	.00316	.00694	.00007	.00284	.00000	.00054	.00137
%RSD	70.149	95.588	33.907	140.15	3.2625	137.73	65.293
#1	.00674	.00235	.00015	.00403	.00011	.00077	-.00308
#2	.00227	.01216	.00025	.00002	.00012	.00001	-.00113
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00031	-.00018
SDev	.00006	.00132
%RSD	19.121	745.47

#1	.00035	-.00111
#2	.00027	.00075

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5694	--	--	--	--	--	--
SDev	19.72821	--	--	--	--	--	--
%RSD	.3464554	--	--	--	--	--	--
#1	5708	--	--	--	--	--	--
#2	5680	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839670 Operator: TWS
 Run Time: 07/17/08 05:59:25
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03620	-.00136	.00649	.02353	.00010	2.1481	-.00013
SDev	.00217	.00258	.00030	.00003	.00002	.0047	.00018
%RSD	5.9824	189.25	4.6588	.11567	21.833	.21752	129.83

#1	.03467	.00046	.00670	.02351	.00008	2.1514	-.00026
#2	.03773	-.00318	.00627	.02354	.00012	2.1448	-.00001

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	.00020	.00631	.00217	.62190	2.0538	.01185
SDev	.00007	.00029	.00049	.00481	.01360	.0005	.00002
%RSD	19.177	144.79	7.7549	221.34	2.1866	.02433	.18895

#1	.00039	-.00000	.00597	.00557	.61229	2.0535	.01184
#2	.00030	.00041	.00666	-.00123	.63152	2.0542	.01187

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.6495	.00306	-.00155	.00086	.00006	.00580	.00003
SDev	.0229	.00004	.00073	.00002	.00026	.00093	.00118
%RSD	.62743	1.3702	47.173	2.5512	432.77	16.030	3423.3

#1	3.6657	.00303	-.00103	.00088	.00024	.00646	-.00080
#2	3.6333	.00309	-.00207	.00085	-.00012	.00514	.00087

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00418	.00661	.00017	.00007	-.00011	.00517	-.00161
SDev	.00038	.00120	.00022	.00379	.00030	.00019	.00249
%RSD	9.1256	18.209	133.03	5352.3	273.28	3.6083	154.85

#1	.00445	.00747	.00001	-.00261	-.00032	.00530	.00015
#2	.00391	.00576	.00032	.00275	.00010	.00504	-.00337

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00005	-.00032
SDev	.00042	.00087
%RSD	872.47	273.99

#1	-.00034	-.00094
#2	.00025	.00030

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5786	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.0916606	--	--	--	--	--	--
#1	5782	--	--	--	--	--	--
#2	5790	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839671 Operator: TWS
 Run Time: 07/17/08 06:04:59
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03835	-.00067	.00710	.02680	.00029	2.7906	.00005
SDev	.00374	.00025	.00041	.00026	.00003	.0177	.00012
%RSD	9.7529	37.399	5.7203	.95902	8.7904	.63293	254.43
#1	.03570	-.00049	.00682	.02698	.00030	2.8031	-.00004
#2	.04099	-.00085	.00739	.02662	.00027	2.7781	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00119	.00026	.00121	.00136	.77507	2.5477	.00793
SDev	.00046	.00049	.00032	.00198	.01367	.0300	.00003
%RSD	38.458	188.41	26.769	145.71	1.7634	1.1766	.35453
#1	.00087	-.00009	.00098	-.00004	.76541	2.5689	.00795
#2	.00152	.00060	.00144	.00276	.78473	2.5266	.00791
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.9385	.00769	-.00007	.00001	-.00002	.00480	.00027
SDev	.0857	.00031	.00203	.00050	.00101	.00341	.00416
%RSD	2.1753	4.0532	2958.4	9504.4	5215.8	71.016	1563.5
#1	3.8779	.00746	-.00150	-.00035	-.00073	.00239	-.00268
#2	3.9991	.00791	.00137	.00036	.00069	.00721	.00321
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00456	.00492	.00044	-.00347	.00011	.00906	-.00130
SDev	.00557	.00233	.00004	.00535	.00030	.00004	.00208
%RSD	122.20	47.333	10.074	154.01	268.45	.41442	159.71
#1	.00062	.00327	.00041	-.00726	-.00010	.00909	-.00277
#2	.00849	.00657	.00047	.00031	.00033	.00904	.00017
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00012	-.00132
SDev	.00029	.00066
%RSD	248.46	49.944

#1	-.00009	-.00085
#2	.00032	-.00179

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5676	--	--	--	--	--	--
SDev	19.40987	--	--	--	--	--	--
%RSD	.3419865	--	--	--	--	--	--
#1	5662	--	--	--	--	--	--
#2	5689	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839672 Operator: TWS
 Run Time: 07/17/08 06:10:32
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01447	-.00187	.00768	.01159	-.00006	3.2152	.00001
SDev	.00160	.00190	.00066	.00017	.00012	.0593	.00013
%RSD	11.046	101.69	8.6429	1.4408	209.16	1.8433	1938.0
#1	.01334	-.00322	.00721	.01147	-.00014	3.1733	-.00008
#2	.01560	-.00053	.00814	.01171	.00003	3.2571	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00043	.00791	.00766	.65746	3.5185	.00152
SDev	.00026	.00006	.00018	.00288	.01387	.0671	.00010
%RSD	489.97	14.541	2.2532	37.520	2.1094	1.9085	6.2815
#1	-.00023	-.00048	.00778	.00563	.64765	3.4710	.00146
#2	.00013	-.00039	.00804	.00970	.66727	3.5659	.00159
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1803	.00424	-.00173	.00136	.00033	.00542	-.00149
SDev	.0717	.00001	.00056	.00022	.00004	.00101	.00007
%RSD	1.3832	.31183	32.512	16.443	11.864	18.711	4.9740
#1	5.1296	.00423	-.00213	.00151	.00030	.00613	-.00144
#2	5.2309	.00425	-.00133	.00120	.00035	.00470	-.00154
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	.00612	.00020	-.00040	-.00043	.01215	-.00258
SDev	.00215	.00045	.00007	.00427	.00015	.00023	.00116
%RSD	53.383	7.3057	33.204	1064.8	35.500	1.8567	44.988
#1	.00554	.00643	.00024	.00262	-.00054	.01199	-.00176
#2	.00250	.00580	.00015	-.00342	-.00032	.01231	-.00340
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00016	-.00195
SDev	.00018	.00041
%RSD	113.16	21.226

#1	.00028	-.00224
#2	.00003	-.00166

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5785	--	--	--	--	--	--
SDev	91.85345	--	--	--	--	--	--
%RSD	1.587732	--	--	--	--	--	--
#1	5850	--	--	--	--	--	--
#2	5720	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839673 Operator: TWS
 Run Time: 07/17/08 06:16:04
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39936	-.00082	.00612	.01721	.00010	.86954	.00001
SDev	.00234	.00078	.00024	.00004	.00003	.00097	.00014
%RSD	.58643	94.445	3.8973	.20782	27.458	.11154	2722.2
#1	.40102	-.00027	.00629	.01718	.00008	.86885	-.00009
#2	.39770	-.00137	.00595	.01723	.00012	.87022	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.00164	.00639	.33902	.55103	.99969	.01224
SDev	.00029	.00050	.00040	.00064	.00991	.00329	.00012
%RSD	35.424	30.359	6.2774	.18728	1.7975	.32898	.96849
#1	.00061	.00129	.00611	.33946	.54403	.99736	.01215
#2	.00102	.00199	.00667	.33857	.55803	1.0020	.01232
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.0356	.00372	.00029	.00012	.00017	.00115	-.00030
SDev	.1035	.00091	.00224	.00181	.00195	.00003	.00323
%RSD	5.0864	24.409	766.42	1556.6	1116.1	2.7152	1081.7
#1	1.9624	.00308	-.00129	-.00116	-.00121	.00113	-.00258
#2	2.1088	.00437	.00188	.00139	.00156	.00117	.00199
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00462	-.00058	.01122	-.00001	.00086	.00867	-.00209
SDev	.00607	.00308	.00046	.00108	.00046	.00059	.00230
%RSD	131.44	529.32	4.1057	8313.7	54.113	6.8148	109.84
#1	.00891	-.00276	.01089	-.00078	.00053	.00826	-.00371
#2	.00033	.00160	.01154	.00075	.00119	.00909	-.00047
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00008	-.00015
SDev	.00070	.00041
%RSD	928.17	269.57

#1	-.00057	.00014
#2	.00042	-.00045

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5690	--	--	--	--	--	--
SDev	22.80419	--	--	--	--	--	--
%RSD	.4008066	--	--	--	--	--	--
#1	5706	--	--	--	--	--	--
#2	5673	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839674 Operator: TWS
 Run Time: 07/17/08 06:21:34
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02054	-.00237	.00644	.01333	.00002	.88703	-.00004
SDev	.00413	.00231	.00011	.00001	.00001	.00050	.00009
%RSD	20.125	97.531	1.7300	.08659	62.565	.05605	244.04

#1	.02347	-.00074	.00651	.01334	.00001	.88668	-.00010
#2	.01762	-.00401	.00636	.01333	.00002	.88738	.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00027	.00176	.00690	.57851	1.0927	.00433
SDev	.00022	.00004	.00056	.00000	.01547	.0055	.00008
%RSD	34.026	16.520	32.166	.05535	2.6743	.50134	1.8703

#1	.00049	.00024	.00136	.00690	.56757	1.0888	.00427
#2	.00080	.00030	.00216	.00690	.58945	1.0965	.00439

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.2145	.00321	-.00017	-.00077	-.00057	.00458	-.00056
SDev	.1859	.00020	.00157	.00167	.00059	.00102	.00492
%RSD	8.3960	6.2124	940.42	217.16	103.95	22.315	882.45

#1	2.0830	.00307	-.00128	.00041	-.00015	.00530	-.00404
#2	2.3460	.00336	.00094	-.00195	-.00099	.00386	.00292

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00407	.00484	.00005	.00145	-.00011	.00550	-.00081
SDev	.00276	.00291	.00006	.00066	.00000	.00016	.00000
%RSD	67.743	60.189	115.54	45.404	.98838	2.9044	.00387

#1	.00212	.00690	.00009	.00191	-.00011	.00561	-.00081
#2	.00602	.00278	.00001	.00098	-.00011	.00539	-.00081

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00029	-.00053
SDev	.00002	.00018
%RSD	6.1269	34.294

#1	-.00030	-.00040
#2	-.00028	-.00066

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5734	--	--	--	--	--	--
SDev	16.22824	--	--	--	--	--	--
%RSD	.2829968	--	--	--	--	--	--
#1	5746	--	--	--	--	--	--
#2	5723	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839675 Operator: TWS
 Run Time: 07/17/08 06:27:05
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03267	-.00111	.00635	.02541	.00013	5.2790	.00012
SDev	.00206	.00220	.00089	.00007	.00001	.0128	.00013
%RSD	6.3091	197.25	13.985	.28969	6.6771	.24271	109.87
#1	.03412	-.00267	.00572	.02536	.00013	5.2881	.00003
#2	.03121	.00044	.00697	.02546	.00012	5.2699	.00021
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00008	.00018	.00061	.01801	.58999	3.9800	.01499
SDev	.00017	.00009	.00006	.00198	.01339	.0060	.00001
%RSD	223.93	47.785	9.7162	11.007	2.2695	.15058	.06631
#1	-.00004	.00012	.00057	.01661	.59946	3.9758	.01498
#2	.00019	.00024	.00065	.01941	.58052	3.9842	.01500
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.4617	.00311	-.00089	-.00112	-.00104	.00649	.00097
SDev	.1047	.00035	.00081	.00006	.00023	.00158	.00184
%RSD	4.2516	11.213	91.367	5.5620	21.950	24.270	189.68
#1	2.3877	.00336	-.00146	-.00107	-.00120	.00538	.00226
#2	2.5357	.00287	-.00031	-.00116	-.00088	.00761	-.00033
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00763	.00592	.00056	.00060	-.00011	.00475	-.00195
SDev	.00134	.00170	.00029	.00250	.00000	.00057	.00161
%RSD	17.507	28.626	52.000	414.83	2.0281	11.934	82.755
#1	.00669	.00473	.00036	-.00116	-.00011	.00435	-.00081
#2	.00858	.00712	.00077	.00237	-.00010	.00515	-.00309
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00023	-.00133
SDev	.00000	.00103
%RSD	.38464	77.751

#1	.00023	-.00205
#2	.00024	-.00060

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5699	--	--	--	--	--	--
SDev	16.54623	--	--	--	--	--	--
%RSD	.2903459	--	--	--	--	--	--
#1	5710	--	--	--	--	--	--
#2	5687	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839675/L (1:5) Operator: TWS
 Run Time: 07/17/08 06:32:36
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00984	-.00073	.00123	.00522	.00004	1.0683	-.00003
SDev	.00152	.00131	.00050	.00002	.00001	.0035	.00031
%RSD	15.396	180.32	40.489	.29346	18.399	.32897	926.78

#1	.00877	.00020	.00159	.00523	.00005	1.0707	-.00026
#2	.01091	-.00166	.00088	.00521	.00004	1.0658	.00019

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00006	.00050	.00412	.08933	.80156	.00306
SDev	.00014	.00017	.00007	.00587	.02235	.00019	.00007
%RSD	60.374	294.61	14.790	142.54	25.024	.02432	2.2691

#1	.00013	.00006	.00045	-.00003	.10514	.80142	.00301
#2	.00032	-.00018	.00055	.00827	.07353	.80169	.00311

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53241	.00035	.00096	-.00052	-.00002	.00234	-.00052
SDev	.03273	.00026	.00111	.00105	.00033	.00096	.00052
%RSD	6.1470	76.373	115.04	202.33	1362.6	40.926	99.943

#1	.50927	.00053	.00175	-.00126	-.00026	.00302	-.00089
#2	.55555	.00016	.00018	.00022	.00021	.00167	-.00015

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00078	.00312	.00026	.00214	-.00010	.00039	-.00097
SDev	.00499	.00106	.00020	.00297	.00000	.00018	.00069
%RSD	637.35	33.789	76.981	139.12	1.1824	47.289	71.116

#1	.00431	.00238	.00012	.00003	-.00010	.00026	-.00146
#2	-.00275	.00387	.00041	.00424	-.00011	.00052	-.00048

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00032	-.00141
SDev	.00015	.00098
%RSD	48.952	69.813

#1	-.00021	-.00071
#2	-.00043	-.00210

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5692	--	--	--	--	--	--
SDev	1.378651	--	--	--	--	--	--
%RSD	.0242229	--	--	--	--	--	--
#1	5692	--	--	--	--	--	--
#2	5691	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839675/PS Operator: TWS
 Run Time: 07/17/08 06:38:08
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.389	.20647	.20999	.23214	.20543	15.376	.20687
SDev	.019	.00120	.00148	.00030	.00003	.009	.00047
%RSD	.18659	.58116	.70445	.12974	.01528	.05786	.22562
#1	10.375	.20562	.20895	.23193	.20541	15.369	.20654
#2	10.402	.20731	.21104	.23235	.20545	15.382	.20720
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20444	.20466	.20240	10.270	11.301	14.181	.21980
SDev	.00002	.00042	.00055	.001	.029	.014	.00014
%RSD	.01140	.20698	.27078	.01181	.25812	.10181	.06264
#1	.20446	.20436	.20201	10.271	11.281	14.171	.21971
#2	.20443	.20495	.20279	10.269	11.322	14.191	.21990
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.813	.20727	.20488	.20439	.20455	.20945	.20619
SDev	.096	.00016	.00197	.00055	.00102	.00298	.00019
%RSD	.75260	.07896	.95933	.26667	.49769	1.4209	.09034
#1	12.745	.20716	.20349	.20401	.20383	.20735	.20632
#2	12.881	.20739	.20627	.20478	.20527	.21156	.20605
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21396	.20720	.20588	.20766	.20463	.20835	.20675
SDev	.00694	.00099	.00032	.00038	.00023	.00015	.00038
%RSD	3.2444	.47944	.15345	.18350	.11364	.07251	.18633
#1	.20905	.20650	.20566	.20793	.20446	.20846	.20647
#2	.21887	.20791	.20611	.20739	.20479	.20824	.20702
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05140	.20584
SDev	.00023	.00210
%RSD	.45689	1.0186

#1	.05123	.20436
#2	.05157	.20733

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5763	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.1858737	--	--	--	--	--	--
#1	5771	--	--	--	--	--	--
#2	5756	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839676/MS Operator: TWS
 Run Time: 07/17/08 06:43:39
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.532	.20692	.21412	.23631	.20764	15.722	.20732
SDev	.013	.00121	.00212	.00002	.00019	.003	.00009
%RSD	.12497	.58623	.98762	.00765	.09146	.02104	.04272
#1	10.542	.20607	.21562	.23632	.20778	15.720	.20738
#2	10.523	.20778	.21263	.23630	.20751	15.724	.20726
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19858	.20667	.20826	10.361	11.528	14.468	.22304
SDev	.00038	.00021	.00003	.005	.023	.007	.00001
%RSD	.19148	.10203	.01298	.05067	.20023	.05096	.00506
#1	.19884	.20682	.20828	10.365	11.511	14.474	.22303
#2	.19831	.20652	.20824	10.357	11.544	14.463	.22305
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.093	.21064	.20783	.20600	.20661	.20933	.20919
SDev	.059	.00011	.00034	.00159	.00117	.00636	.00364
%RSD	.44869	.04995	.16300	.77167	.56779	3.0359	1.7396
#1	13.051	.21057	.20807	.20713	.20744	.20484	.20662
#2	13.134	.21072	.20759	.20488	.20578	.21382	.21176
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20739	.21031	.20911	.20983	.20664	.21643	.20868
SDev	.01154	.00376	.00003	.00239	.00013	.00026	.00198
%RSD	5.5641	1.7894	.01248	1.1388	.06469	.12050	.94714
#1	.19923	.20765	.20913	.20814	.20674	.21661	.21007
#2	.21555	.21297	.20909	.21152	.20655	.21624	.20728
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.05360	.21454
SDev	.00008	.00162
%RSD	.14217	.75632

#1	.05365	.21339
#2	.05355	.21568

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5702	--	--	--	--	--	--
SDev	16.33424	--	--	--	--	--	--
%RSD	.2864901	--	--	--	--	--	--
#1	5690	--	--	--	--	--	--
#2	5713	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839677/SD Operator: TWS
 Run Time: 07/17/08 06:49:11
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.444	.20631	.21238	.23450	.20769	15.709	.20764
SDev	.038	.00152	.00024	.00088	.00073	.020	.00003
%RSD	.36226	.73796	.11467	.37630	.35259	.13033	.01188

#1	10.417	.20523	.21221	.23388	.20717	15.695	.20763
#2	10.471	.20738	.21255	.23513	.20821	15.724	.20766

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19855	.20629	.20752	10.337	11.475	14.458	.22271
SDev	.00020	.00030	.00120	.037	.054	.048	.00078
%RSD	.10032	.14434	.57951	.36082	.47376	.33499	.34959

#1	.19841	.20608	.20667	10.310	11.437	14.424	.22216
#2	.19869	.20650	.20837	10.363	11.514	14.493	.22326

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.978	.21070	.20531	.20530	.20530	.21018	.20809
SDev	.042	.00003	.00108	.00143	.00059	.00025	.00224
%RSD	.32391	.01188	.52622	.69687	.28957	.11978	1.0744

#1	13.008	.21071	.20607	.20429	.20488	.21036	.20650
#2	12.948	.21068	.20454	.20631	.20572	.21000	.20967

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20487	.21284	.20849	.20824	.20645	.21501	.20599
SDev	.00344	.00134	.00062	.00055	.00013	.00163	.00033
%RSD	1.6781	.63020	.29815	.26184	.06120	.76010	.16226

#1	.20730	.21189	.20805	.20862	.20636	.21617	.20623
#2	.20244	.21379	.20893	.20785	.20654	.21386	.20576

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	.05351	.21374
SDev	.00014	.00048
%RSD	.26220	.22364

#1	.05342	.21341
#2	.05361	.21408

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5722	--	--	--	--	--	--
SDev	28.74382	--	--	--	--	--	--
%RSD	.5023673	--	--	--	--	--	--
#1	5742	--	--	--	--	--	--
#2	5701	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 07:03:07 AM

page 1

Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/17/08 06:57:40

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.349	.49843	.50501	.50348	.50635	25.210	.50242
SDev	.014	.00238	.00284	.00029	.00073	.005	.00055
%RSD	.05520	.47795	.56295	.05763	.14339	.01786	.11009
#1	25.359	.50011	.50702	.50327	.50687	25.214	.50281
#2	25.339	.49674	.50300	.50368	.50584	25.207	.50203
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49628	.51382	.49349	24.825	26.009	25.359	.50963
SDev	.00058	.00009	.00006	.014	.005	.021	.00110
%RSD	.11672	.01696	.01318	.05678	.01892	.08348	.21579
#1	.49669	.51376	.49345	24.815	26.013	25.374	.51040
#2	.49587	.51388	.49354	24.835	26.006	25.344	.50885
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.307	.50320	.51125	.50950	.51008	.51164	.51118
SDev	.059	.00095	.00413	.00217	.00007	.00064	.00112
%RSD	.23344	.18941	.80750	.42665	.01474	.12410	.21993
#1	25.266	.50388	.51417	.50796	.51003	.51119	.51038
#2	25.349	.50253	.50833	.51104	.51014	.51209	.51197
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.51362	.51066	.51684	.50878	.49511	.50865	.50030
SDev	.00519	.00355	.00024	.00525	.00061	.00134	.00295
%RSD	1.0109	.69490	.04676	1.0322	.12418	.26381	.58994
#1	.51729	.50815	.51701	.51249	.49554	.50959	.49822
#2	.50995	.51317	.51667	.50506	.49467	.50770	.50239
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.49919	.50471
SDev	.00022	.00216
%RSD	.04450	.42776

#1	.49903	.50624
#2	.49934	.50318

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5622	--	--	--	--	--	--
SDev	8.697275	--	--	--	--	--	--
%RSD	.1547049	--	--	--	--	--	--
#1	5616	--	--	--	--	--	--
#2	5628	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 07:08:39 AM

page 1

Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/17/08 07:03:12

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03041	-.00186	-.00002	.00019	.00024	.01904	.00018
SDev	.00262	.00072	.00114	.00007	.00004	.00078	.00018
%RSD	8.6006	38.841	7075.2	35.219	15.126	4.0841	101.83
#1	.03226	-.00135	.00079	.00024	.00026	.01959	.00030
#2	.02856	-.00237	-.00082	.00014	.00021	.01849	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00007	.00009	.00047	.01032	-.01270	.01730	.00015
SDev	.00032	.00026	.00006	.00098	.01106	.00028	.00014
%RSD	449.14	278.70	13.050	9.5263	87.066	1.6392	94.208
#1	.00030	.00027	.00052	.01102	-.00488	.01710	.00024
#2	-.00015	-.00009	.00043	.00963	-.02052	.01750	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07189	-.00021	.00054	.00096	.00082	.00592	-.00041
SDev	.01317	.00113	.00084	.00087	.00086	.00128	.00105
%RSD	18.319	549.81	156.07	91.112	105.40	21.617	254.20
#1	.08121	.00060	.00114	.00157	.00143	.00502	.00033
#2	.06258	-.00101	-.00006	.00034	.00021	.00683	-.00116
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00886	.00446	.00036	.00134	.00022	.00065	-.00032
SDev	.00220	.00082	.00025	.00333	.00015	.00019	.00253
%RSD	24.839	18.415	69.038	248.21	70.247	29.719	799.15
#1	.00730	.00388	.00053	.00370	.00033	.00078	.00147
#2	.01041	.00504	.00018	-.00101	.00011	.00051	-.00210
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00025	.00012
SDev	.00045	.00023
%RSD	178.37	196.72

#1	.00057	-.00005
#2	-.00007	.00028

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5703	--	--	--	--	--	--
SDev	20.57688	--	--	--	--	--	--
%RSD	.3608079	--	--	--	--	--	--
#1	5688	--	--	--	--	--	--
#2	5718	--	--	--	--	--	--

Analysis Report

07/17/08 07:14:12 AM

page 1

Method: TRACE1 Sample Name: AD839678 Operator: TWS
 Run Time: 07/17/08 07:08:44
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.30773	-.00204	.00925	.00233	.00010	2.5619	.00012
SDev	.00514	.00188	.00020	.00001	.00000	.0015	.00013
%RSD	1.6698	92.351	2.1150	.27472	.42625	.05814	105.80
#1	.31136	-.00071	.00911	.00233	.00010	2.5629	.00021
#2	.30409	-.00337	.00939	.00234	.00010	2.5608	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00212	.00101	.38463	.77060	9.1642	.00707
SDev	.00005	.00016	.00016	.00301	.00285	.0313	.00001
%RSD	16.815	7.3673	15.541	.78355	.37019	.34146	.19453
#1	.00026	.00201	.00090	.38250	.77262	9.1421	.00708
#2	.00033	.00223	.00112	.38676	.76858	9.1863	.00706
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.823	.00723	.00213	.00041	.00098	.00464	-.00078
SDev	.068	.00021	.00164	.00204	.00081	.00031	.00205
%RSD	.49440	2.8458	77.373	499.91	82.909	6.6274	264.33
#1	13.775	.00737	.00096	.00185	.00155	.00443	-.00222
#2	13.871	.00708	.00329	-.00103	.00041	.00486	.00067
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00740	.00327	.00879	.00058	.00042	.01408	.00034
SDev	.00193	.00143	.00051	.00117	.00016	.00023	.00069
%RSD	26.045	43.651	5.7742	201.99	36.659	1.6198	199.31
#1	.00877	.00226	.00843	-.00025	.00031	.01391	.00083
#2	.00604	.00427	.00915	.00140	.00053	.01424	-.00014
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00013	-.00010
SDev	.00006	.00024
%RSD	44.149	247.39

#1	.00017	-.00027
#2	.00009	.00007

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5693	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2813323	--	--	--	--	--	--
#1	5704	--	--	--	--	--	--
#2	5682	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839679

Operator: TWS

Run Time: 07/17/08 07:14:17

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21794	-.00033	.01636	.14312	.00076	8.8459	.00001
SDev	.00148	.00097	.00052	.00046	.00002	.0049	.00017
%RSD	.67722	292.91	3.1791	.32149	2.5492	.05587	1741.0
#1	.21899	.00035	.01600	.14279	.00075	8.8424	-.00011
#2	.21690	-.00102	.01673	.14344	.00078	8.8494	.00013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00786	-.00012	.00150	.00291	1.6226	6.8452	.10470
SDev	.00008	.00030	.00016	.00390	.0096	.0245	.00051
%RSD	.97157	246.64	10.849	134.33	.59062	.35742	.48529
#1	.00781	-.00033	.00161	.00567	1.6158	6.8279	.10434
#2	.00791	.00009	.00138	.00015	1.6293	6.8625	.10506
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.991	.00830	-.00016	.00059	.00034	.00645	.00074
SDev	.245	.00010	.00066	.00072	.00026	.00044	.00007
%RSD	.45339	1.1487	421.54	122.48	76.451	6.7353	9.5397
#1	53.818	.00823	-.00062	.00109	.00052	.00676	.00079
#2	54.164	.00836	.00031	.00008	.00016	.00614	.00069
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	.00820	.00048	-.00039	-.00021	.00844	-.00243
SDev	.00019	.00056	.00014	.00031	.00015	.00001	.00138
%RSD	6.5040	6.7771	28.211	80.466	70.907	.15704	56.685
#1	.00310	.00859	.00038	-.00017	-.00011	.00843	-.00146
#2	.00282	.00781	.00057	-.00061	-.00032	.00845	-.00340
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00011	-.00111
SDev	.00028	.00033
%RSD	239.30	29.381

#1	.00008	-.00088
#2	-.00031	-.00134

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5714	--	--	--	--	--	--
SDev	7.212282	--	--	--	--	--	--
%RSD	.1262290	--	--	--	--	--	--
#1	5719	--	--	--	--	--	--
#2	5709	--	--	--	--	--	--

Analysis Report

07/17/08 07:25:17 AM

page 1

Method: TRACE1 Sample Name: AD839680 Operator: TWS
 Run Time: 07/17/08 07:19:49
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07023	-.00231	.01279	.06561	.00030	7.8218	-.00001
SDev	.00139	.00042	.00018	.00001	.00001	.0002	.00013
%RSD	1.9730	18.012	1.4179	.01766	3.8643	.00267	1634.4

#1	.07121	-.00201	.01291	.06560	.00029	7.8220	-.00010
#2	.06925	-.00260	.01266	.06562	.00031	7.8217	.00008

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00288	.00025	.00043	.01390	1.1516	6.3373	.01708
SDev	.00015	.00044	.00038	.00389	.0291	.0051	.00002
%RSD	5.2144	174.49	88.497	28.011	2.5268	.08047	.09204

#1	.00278	-.00006	.00016	.01114	1.1310	6.3337	.01707
#2	.00299	.00057	.00070	.01665	1.1722	6.3409	.01709

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6411	.00396	-.00216	.00074	-.00023	.00385	.00049
SDev	.1281	.00015	.00046	.00056	.00052	.00055	.00382
%RSD	2.2701	3.8282	21.084	74.965	230.81	14.174	777.59

#1	5.5506	.00385	-.00184	.00113	.00014	.00346	-.00221
#2	5.7317	.00407	-.00249	.00035	-.00060	.00424	.00319

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00548	.00303	.00057	.00153	-.00043	.00292	-.00340
SDev	.00092	.00036	.00008	.00189	.00015	.00054	.00092
%RSD	16.860	11.749	13.711	123.80	35.316	18.525	27.041

#1	.00483	.00278	.00051	.00287	-.00032	.00254	-.00405
#2	.00613	.00329	.00062	.00019	-.00054	.00330	-.00275

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00024	-.00197
SDev	.00005	.00051
%RSD	20.426	25.999

#1	-.00021	-.00233
#2	-.00028	-.00161

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5713	--	--	--	--	--	--
SDev	6.151622	--	--	--	--	--	--
%RSD	.1076795	--	--	--	--	--	--
#1	5709	--	--	--	--	--	--
#2	5717	--	--	--	--	--	--

Analysis Report

07/17/08 07:30:50 AM

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Method: TRACE1 Sample Name: AD839681 Operator: TWS
 Run Time: 07/17/08 07:25:22
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02237	.00068	.24413	.09789	.00020	105.11	.00009
SDev	.00063	.00391	.00013	.00020	.00002	.20	.00016
%RSD	2.8174	574.68	.05300	.20393	7.8076	.19098	175.57

#1	.02281	.00344	.24422	.09775	.00019	104.97	-.00002
#2	.02192	-.00208	.24404	.09804	.00021	105.25	.00020

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	-.00008	.00393	1.0594	4.5226	39.831	.05464
SDev	.00040	.00009	.00018	.0001	.0537	.137	.00015
%RSD	184.47	101.91	4.5002	.00912	1.1883	.34273	.27542

#1	-.00007	-.00002	.00380	1.0595	4.4846	39.735	.05453
#2	.00049	-.00014	.00405	1.0594	4.5606	39.928	.05474

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	87.026	-.00005	-.00376	-.00056	-.00162	.00084	-.00042
SDev	.121	.00078	.00100	.00134	.00123	.00152	.00026
%RSD	.13864	1716.9	26.698	241.56	75.813	180.31	60.601

#1	86.940	-.00059	-.00305	.00039	-.00075	.00191	-.00024
#2	87.111	.00050	-.00447	-.00151	-.00249	-.00023	-.00061

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00103	.00075	.00053	.00371	-.00032	.00631	L-.01425
SDev	.00005	.00225	.00013	.00120	.00000	.00038	.00045
%RSD	5.0923	300.84	23.796	32.230	.36411	5.9484	3.1822

#1	.00107	.00234	.00044	.00456	-.00032	.00605	L-.01457
#2	.00099	-.00084	.00062	.00287	-.00032	.00658	L-.01393

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00010	.02081
SDev	.00053	.00096
%RSD	552.69	4.6337

#1	-.00047	.02013
#2	.00028	.02149

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5633	--	--	--	--	--	--
SDev	4.772971	--	--	--	--	--	--
%RSD	.0847297	--	--	--	--	--	--
#1	5637	--	--	--	--	--	--
#2	5630	--	--	--	--	--	--

Method: TRACE1 Sample Name: AD839682 Operator: TWS
 Run Time: 07/17/08 07:30:55
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02376	-.00117	.00529	.00028	.00003	.30869	.00016
SDev	.00299	.00018	.00039	.00007	.00003	.00645	.00026
%RSD	12.598	15.254	7.2977	23.641	82.169	2.0903	157.63

#1	.02164	-.00129	.00502	.00023	.00001	.30412	.00034
#2	.02588	-.00104	.00557	.00033	.00005	.31325	-.00002

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	.00011	.00046	-.00066	-.01283	.01998	.00026
SDev	.00033	.00100	.00025	.00871	.00026	.00581	.00004
%RSD	85.204	943.87	55.621	1313.9	2.0516	29.092	13.734

#1	-.00063	-.00060	.00028	-.00682	-.01302	.01587	.00024
#2	-.00016	.00081	.00063	.00549	-.01264	.02410	.00029

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20302	-.00069	-.00095	-.00077	-.00083	.00655	.00026
SDev	.12120	.00049	.00264	.00094	.00151	.00134	.00047
%RSD	59.696	70.739	277.89	121.44	180.89	20.474	179.29

#1	.11732	-.00035	.00092	-.00011	.00023	.00750	-.00007
#2	.28872	-.00104	-.00282	-.00144	-.00190	.00560	.00059

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00612	.00677	.00033	-.00103	-.00021	.00140	-.00129
SDev	.00004	.00203	.00038	.00423	.00046	.00092	.00023
%RSD	.68667	30.029	116.64	410.38	213.97	65.524	17.581

#1	.00609	.00821	.00006	.00196	-.00054	.00075	-.00145
#2	.00614	.00533	.00060	-.00402	.00011	.00205	-.00113

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00014	-.00183
SDev	.00102	.00177
%RSD	707.44	96.459

#1	-.00086	-.00308
#2	.00058	-.00058

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5731	--	--	--	--	--	--
SDev	20.36454	--	--	--	--	--	--
%RSD	.3553183	--	--	--	--	--	--
#1	5746	--	--	--	--	--	--
#2	5717	--	--	--	--	--	--

Analysis Report

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Method: TRACE1 Sample Name: AD839683 Operator: TWS
 Run Time: 07/17/08 07:36:27
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01531	-.00009	.00402	.00008	.00005	.06903	.00003
SDev	.00274	.00069	.00025	.00005	.00001	.00086	.00025
%RSD	17.919	792.83	6.2496	60.029	19.492	1.2522	772.78
#1	.01337	-.00057	.00420	.00005	.00004	.06842	.00021
#2	.01725	.00040	.00385	.00012	.00006	.06964	-.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00048	.00051	.15034	-.02645	.00582	.00054
SDev	.00005	.00059	.00033	.00040	.00444	.00288	.00007
%RSD	18.304	123.28	63.817	.26464	16.795	49.501	12.343
#1	.00032	.00090	.00074	.15006	-.02331	.00786	.00058
#2	.00025	.00006	.00028	.15062	-.02960	.00379	.00049
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03204	-.00021	-.00049	.00025	.00001	.00584	-.00119
SDev	.06765	.00014	.00095	.00092	.00029	.00362	.00053
%RSD	211.12	66.953	193.37	361.44	5687.4	61.904	44.599
#1	.07988	-.00011	.00018	-.00039	-.00020	.00840	-.00156
#2	-.01579	-.00030	-.00116	.00090	.00021	.00328	-.00081
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00436	.00658	.00025	.00011	-.00022	.00129	-.00048
SDev	.00112	.00486	.00008	.00078	.00015	.00001	.00092
%RSD	25.808	73.858	30.710	714.57	70.760	.72543	192.12
#1	.00516	.01002	.00031	.00066	-.00032	.00129	-.00113
#2	.00356	.00314	.00020	-.00044	-.00011	.00130	.00017
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00008	-.00180
SDev	.00010	.00033
%RSD	120.17	18.131

#1	-.00001	-.00157
#2	-.00015	-.00203

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5708	--	--	--	--	--	--
SDev	16.01590	--	--	--	--	--	--
%RSD	.2805930	--	--	--	--	--	--
#1	5719	--	--	--	--	--	--
#2	5697	--	--	--	--	--	--

Analysis Report

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Method: TRACE1 Sample Name: AD839684 Operator: TWS
 Run Time: 07/17/08 07:41:58
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7994	.00485	.04612	.06286	.00032	138.61	.00023
SDev	.0017	.00011	.00170	.00004	.00000	.32	.00022
%RSD	.06085	2.2011	3.6948	.06883	1.0384	.22873	98.209
#1	2.7982	.00477	.04491	.06289	.00032	138.84	.00039
#2	2.8006	.00492	.04732	.06283	.00032	138.39	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00185	.01087	.00623	5.2422	3.2995	57.103	.28558
SDev	.00048	.00034	.00000	.0041	.0064	.028	.00013
%RSD	25.831	3.0972	.06811	.07901	.19392	.04882	.04420
#1	.00219	.01111	.00623	5.2451	3.3040	57.123	.28567
#2	.00151	.01063	.00623	5.2393	3.2950	57.083	.28549
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	20.300	.02672	.00157	.00275	.00236	.00521	-.00195
SDev	.123	.00061	.00317	.00093	.00168	.00150	.00094
%RSD	.60370	2.2677	202.50	33.810	71.183	28.848	47.972
#1	20.387	.02715	-.00068	.00209	.00117	.00414	-.00261
#2	20.213	.02629	.00381	.00341	.00354	.00627	-.00129
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00483	.00539	.04831	-.00016	.00679	.02725	-.00469
SDev	.00619	.00084	.00349	.00055	.00014	.00012	.00070
%RSD	128.05	15.607	7.2208	337.65	2.0289	.42542	14.850
#1	.00046	.00599	.04584	-.00056	.00689	.02733	-.00420
#2	.00921	.00480	.05078	.00023	.00669	.02717	-.00519
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00031	.00343
SDev	.00028	.00109
%RSD	91.855	31.746

#1	-.00011	.00266
#2	-.00050	.00420

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5695	--	--	--	--	--	--
SDev	12.51593	--	--	--	--	--	--
%RSD	.2197627	--	--	--	--	--	--
#1	5704	--	--	--	--	--	--
#2	5686	--	--	--	--	--	--

Analysis Report

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Method: TRACE1 Sample Name: AD839685 Operator: TWS
 Run Time: 07/17/08 07:48:57
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12901	.01249	.08639	.02841	.00021	160.25	.00013
SDev	.00290	.00039	.00260	.00006	.00000	.59	.00014
%RSD	2.2488	3.1434	3.0107	.21250	2.1540	.36723	104.77
#1	.13106	.01221	.08823	.02845	.00021	160.67	.00003
#2	.12696	.01277	.08456	.02837	.00020	159.84	.00023
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	800.00	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00107	.00050	.00148	2.5794	1.9722	67.153	.14819
SDev	.00048	.00007	.00021	.0016	.0097	.268	.00059
%RSD	44.378	13.568	14.183	.06186	.49177	.39944	.39981
#1	.00074	.00055	.00162	2.5806	1.9791	67.342	.14861
#2	.00141	.00045	.00133	2.5783	1.9653	66.963	.14777
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	40.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.433	.00206	-.00074	.00086	.00033	.00472	-.00047
SDev	.239	.00002	.00238	.00100	.00146	.00090	.00181
%RSD	.37134	1.0460	322.76	115.97	445.51	19.111	385.21
#1	64.602	.00207	-.00243	.00015	-.00070	.00536	.00081
#2	64.264	.00204	.00095	.00157	.00136	.00409	-.00175
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	400.00	25.000			80.000	40.000	50.000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00471	.00473	.00227	-.00051	.00008	.00173	L-.01805
SDev	.00448	.00088	.00029	.00017	.00030	.00017	.00052
%RSD	95.146	18.672	12.770	32.963	378.04	9.9189	2.8754
#1	.00787	.00411	.00247	-.00039	-.00013	.00161	L-.01842
#2	.00154	.00536	.00206	-.00063	.00030	.00186	L-.01768
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High			10.000	40.000	50.000	10.000	5.0000
Low			-.00200	-.01000	-.00300	-.00300	-.01000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00038	.01557
SDev	.00016	.00180
%RSD	41.010	11.553

#1	-.00049	.01684
#2	-.00027	.01429

Errors	LC Pass	LC Pass
High	2.0000	10.000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5664	--	--	--	--	--	--
SDev	18.66755	--	--	--	--	--	--
%RSD	.3296087	--	--	--	--	--	--
#1	5650	--	--	--	--	--	--
#2	5677	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 08:02:53 AM

page 1

Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/17/08 07:57:26

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.569	.50092	.50756	.50682	.50815	25.589	.51149
SDev	.098	.00334	.00289	.00244	.00334	.063	.00217
%RSD	.38404	.66773	.57024	.48072	.65656	.24808	.42346
#1	25.499	.49856	.50551	.50509	.50579	25.544	.50996
#2	25.638	.50329	.50961	.50854	.51051	25.634	.51302
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50149	.51982	.49568	25.161	25.736	25.498	.51264
SDev	.00268	.00152	.00235	.055	.409	.113	.00325
%RSD	.53502	.29224	.47369	.21808	1.5899	.44308	.63361
#1	.49959	.51875	.49402	25.122	25.447	25.418	.51034
#2	.50339	.52090	.49734	25.199	26.026	25.578	.51494
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.412	.51263	.51584	.51027	.51212	.51564	.52157
SDev	.013	.00116	.00076	.00239	.00134	.00290	.00678
%RSD	.05093	.22607	.14680	.46771	.26159	.56293	1.3007
#1	25.403	.51181	.51638	.50858	.51118	.51359	.51678
#2	25.421	.51345	.51531	.51195	.51307	.51770	.52637
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52115	.51290	.52207	.51718	.50169	.51256	.50526
SDev	.00224	.00324	.00257	.00297	.00154	.00234	.00032
%RSD	.42884	.63105	.49259	.57434	.30737	.45651	.06235
#1	.51957	.51061	.52025	.51929	.50060	.51091	.50504
#2	.52273	.51519	.52389	.51508	.50278	.51421	.50548
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.50144	.50733
SDev	.00155	.00342
%RSD	.30993	.67316

#1	.50034	.50492
#2	.50253	.50975

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5662	--	--	--	--	--	--
SDev	3.499971	--	--	--	--	--	--
%RSD	.0618137	--	--	--	--	--	--
#1	5665	--	--	--	--	--	--
#2	5660	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 08:08:25 AM

page 1

Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/17/08 08:02:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03895	.00107	.00033	.00024	.00022	.02193	.00021
SDev	.00176	.00161	.00013	.00002	.00001	.00219	.00015
%RSD	4.5162	150.52	39.331	6.7605	3.6988	9.9686	70.719
#1	.03770	-.00007	.00042	.00023	.00021	.02039	.00011
#2	.04019	.00221	.00024	.00025	.00022	.02348	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	-.00008	-.00023	.01702	.00148	.02231	.00019
SDev	.00002	.00010	.00012	.00667	.00140	.00530	.00000
%RSD	8.1077	127.31	53.605	39.206	94.533	23.739	.15220
#1	.00019	-.00016	-.00031	.02174	.00247	.01856	.00019
#2	.00021	-.00001	-.00014	.01230	.00049	.02605	.00019
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10705	-.00028	-.00105	-.00025	-.00052	.00282	.00263
SDev	.00925	.00008	.00119	.00056	.00077	.00218	.00005
%RSD	8.6397	29.815	112.74	222.66	148.37	77.319	2.0487
#1	.10051	-.00034	-.00021	.00014	.00003	.00128	.00267
#2	.11359	-.00022	-.00189	-.00065	-.00106	.00436	.00259
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	.00378	.00048	.00119	.00010	.00097	.00078
SDev	.00030	.00312	.00007	.00126	.00000	.00036	.00225
%RSD	34.373	82.349	13.870	105.91	1.7478	37.208	287.60
#1	.00067	.00158	.00043	.00030	.00010	.00071	-.00081
#2	.00110	.00599	.00052	.00208	.00010	.00122	.00237
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00028	-.00087
SDev	.00029	.00082
%RSD	105.68	95.145

#1	.00007	-.00145
#2	.00048	-.00028

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5832	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1109461	--	--	--	--	--	--
#1	5836	--	--	--	--	--	--
#2	5827	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 08:19:35 AM

page 1

Method: TRACE1 Sample Name: CRI

Operator: TWS

Run Time: 07/17/08 08:14:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20780	.00990	.02077	.00208	.00211	.50238	.00124
SDev	.00069	.00089	.00016	.00003	.00003	.00131	.00029
%RSD	.33069	8.9341	.76696	1.2410	1.5733	.26071	23.181
#1	.20731	.01053	.02088	.00206	.00209	.50330	.00144
#2	.20828	.00928	.02066	.00210	.00214	.50145	.00103
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00376	.00453	.00978	.05646	.46889	.20750	.00317
SDev	.00013	.00054	.00018	.00073	.00041	.00317	.00002
%RSD	3.4811	11.940	1.7970	1.3026	.08757	1.5256	.55574
#1	.00367	.00492	.00990	.05698	.46918	.20974	.00318
#2	.00386	.00415	.00965	.05594	.46860	.20526	.00315
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.1608	.01058	.00488	.00385	.00419	.01685	.02305
SDev	.0425	.00011	.00143	.00200	.00086	.00072	.00271
%RSD	3.6649	.99549	29.360	51.878	20.421	4.2795	11.767
#1	1.1909	.01050	.00589	.00244	.00359	.01736	.02114
#2	1.1307	.01065	.00386	.00527	.00480	.01634	.02497
Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.5000	.01500			.00750	.02250	.03000
Low	.50000	.00500			.00250	.00750	.01000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02140	.01458	.00493	.02045	.00532	.01139	.00654
SDev	.00057	.00080	.00000	.00248	.00018	.00006	.00087
%RSD	2.6518	5.4737	.00770	12.136	3.3376	.55573	13.284
#1	.02180	.01515	.00493	.02220	.00519	.01134	.00716
#2	.02100	.01402	.00493	.01870	.00545	.01143	.00593
Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00750	.03000	.00750	.01500	.01500
Low			.00250	.01000	.00250	.00500	.00500
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.00318	.00964
SDev	.00013	.00036
%RSD	4.0616	3.7315

#1	.00327	.00989
#2	.00309	.00939

Errors	LC Pass	LC Pass
High	.00450	.01500
Low	.00150	.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5792	--	--	--	--	--	--
SDev	27.25917	--	--	--	--	--	--
%RSD	.4706328	--	--	--	--	--	--
#1	5811	--	--	--	--	--	--
#2	5773	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 08:25:04 AM

page 1

Method: TRACE1 Sample Name: ICESA

Operator: TWS

Run Time: 07/17/08 08:19:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	502.91	-.00079	-.00019	.00060	.00092	488.37	Q.00375
SDev	2.16	.00221	.00053	.00016	.00006	.98	.00051
%RSD	.43027	279.91	281.04	26.544	6.3317	.20016	13.723
#1	501.38	-.00235	-.00057	.00049	.00088	487.67	Q.00338
#2	504.44	.00077	.00019	.00071	.00096	489.06	Q.00411
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	-.00033	.00462	192.32	-.08617	515.57	.00108
SDev	.00012	.00002	.00047	1.26	.01617	9.09	.00003
%RSD	86.591	7.0437	10.166	.65387	18.766	1.7640	3.0242
#1	-.00022	-.00035	.00428	191.43	-.07473	509.13	.00106
#2	-.00005	-.00032	.00495	193.21	-.09760	522.00	.00110
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01529	.00107	-.09938	.05553	.00395	.00072	-.00352
SDev	.03437	.00065	.00036	.00126	.00096	.00164	.00433
%RSD	224.87	60.363	.35819	2.2598	24.213	229.82	122.83
#1	-.03959	.00062	-.09913	.05642	.00462	.00188	-.00659
#2	.00902	.00153	-.09963	.05465	.00327	-.00045	-.00046
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.00000	.00000			.00000	.00000	.00000
Range	2.0000	.02000			.01000	.03000	.04000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00563	-.00174	.00146	.00033	.00034	.00001	.00022
SDev	.00672	.00583	.00000	.00010	.00091	.00018	.00003
%RSD	119.37	334.78	.23352	29.192	270.91	1651.5	15.760
#1	.00088	.00238	.00146	.00026	.00098	-.00011	.00025
#2	.01038	-.00586	.00146	.00040	-.00031	.00014	.00020
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.00000	.00000	.00000	.00000	.00000
Range			.01000	.04000	.01000	.02000	.02000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	-.00110	-.00545
SDev	.00010	.00057
%RSD	9.1928	10.432

#1	-.00103	-.00504
#2	-.00117	-.00585

Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.00600	.02000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5468	--	--	--	--	--	--
SDev	83.89815	--	--	--	--	--	--
%RSD	1.534383	--	--	--	--	--	--
#1	5527	--	--	--	--	--	--
#2	5409	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 08:30:33 AM

page 1

Method: TRACE1 Sample Name: ICSAB

Operator: TWS

Run Time: 07/17/08 08:25:07

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	518.63	.10040	.01228	.53347	.51621	505.69	.98937
SDev	3.29	.00171	.00027	.00290	.00236	2.27	.00015
%RSD	.63374	1.7023	2.1646	.54289	.45727	.44919	.01495
#1	516.30	.09919	.01210	.53142	.51454	504.09	.98927
#2	520.95	.10161	.01247	.53552	.51788	507.30	.98948
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49113	.52077	.52420	99.973	-.08651	527.58	.50040
SDev	.00254	.00370	.00345	.428	.01750	2.18	.00245
%RSD	.51699	.71044	.65890	.42786	20.230	.41320	.48932
#1	.48933	.51816	.52176	99.671	-.07414	526.04	.49866
#2	.49292	.52339	.52664	100.28	-.09889	529.12	.50213
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.02848	.96099	-.04695	.10557	.05478	.05504	.63229
SDev	.04321	.00261	.00110	.00038	.00062	.00240	.00642
%RSD	151.74	.27180	2.3529	.35709	1.1305	4.3627	1.0149
#1	-.05904	.95914	-.04773	.10530	.05434	.05674	.63683
#2	.00208	.96284	-.04617	.10584	.05522	.05334	.62775
Errors	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value		1.0000			.05000	.05000	.60000
Range		.20000			.01000	.01000	.12000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04978	.05767	.00291	.09998	.50745	.98524	.00113
SDev	.00309	.00206	.00005	.00010	.00362	.00303	.00148
%RSD	6.2044	3.5677	1.6262	.09687	.71363	.30760	130.78
#1	.05197	.05912	.00294	.10005	.50489	.98310	.00218
#2	.04760	.05621	.00287	.09991	.51001	.98738	.00009
Errors	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	NOCHECK
Value				.10000	.50000	1.0000	
Range				.02000	.10000	.20000	
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.21843	-.00606
SDev	.00114	.00073
%RSD	.52325	11.979

#1	.21763	-.00658
#2	.21924	-.00555

Errors	QC Pass	NOCHECK
Value	.20000	
Range	.04000	

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5282	--	--	--	--	--	--
SDev	47.83570	--	--	--	--	--	--
%RSD	.9055547	--	--	--	--	--	--
#1	5316	--	--	--	--	--	--
#2	5249	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 08:39:03 AM

page 1

Method: TRACE1 Sample Name: CCV

Operator: TWS

Run Time: 07/17/08 08:33:36

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.917	.50424	.51285	.52624	.52609	25.691	.49812
SDev	.055	.00104	.00136	.00162	.00140	.062	.00094
%RSD	.21072	.20604	.26587	.30736	.26555	.24132	.18891
#1	25.879	.50497	.51189	.52509	.52708	25.647	.49745
#2	25.956	.50350	.51381	.52738	.52510	25.735	.49878
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50697	.53118	.50442	25.344	Q27.875	26.076	.52337
SDev	.00130	.00035	.00027	.088	.029	.064	.00178
%RSD	.25607	.06544	.05368	.34786	.10502	.24630	.33967
#1	.50605	.53093	.50461	25.407	Q27.855	26.122	.52462
#2	.50788	.53142	.50423	25.282	Q27.896	26.031	.52211
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Fail	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.635	.51718	.51503	.51955	.51805	.51167	.50540
SDev	.055	.00206	.00053	.00050	.00051	.00498	.00533
%RSD	.21520	.39887	.10342	.09708	.09918	.97280	1.0541
#1	25.674	.51864	.51466	.51919	.51768	.51518	.50916
#2	25.596	.51572	.51541	.51991	.51841	.50815	.50163
Errors	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	25.000	.50000			.50000	.50000	.50000
Range	10.000	10.000			10.000	10.000	10.000
Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50864	.51319	.52401	.50201	.50610	.52404	.50564
SDev	.00329	.00582	.00098	.00110	.00018	.00409	.00370
%RSD	.64613	1.1347	.18642	.21855	.03595	.78129	.73090
#1	.51096	.51730	.52470	.50279	.50597	.52114	.50826
#2	.50632	.50907	.52332	.50124	.50623	.52693	.50303
Errors	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value			.50000	.50000	.50000	.50000	.50000
Range			10.000	10.000	10.000	10.000	10.000
Elem	Ag3280	Mo2020					

Units	ppm	ppm
Avge	.50974	.51926
SDev	.00061	.00583
%RSD	.11887	1.1228

#1	.50931	.51514
#2	.51017	.52338

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5532	--	--	--	--	--	--
SDev	3.606314	--	--	--	--	--	--
%RSD	.0651953	--	--	--	--	--	--
#1	5534	--	--	--	--	--	--
#2	5529	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 08:44:36 AM

page 1

Method: TRACE1 Sample Name: CCB

Operator: TWS

Run Time: 07/17/08 08:39:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.01915	-.00033	-.00024	.00018	-.00003	.01534	.00000
SDev	.00064	.00067	.00061	.00005	.00001	.00126	.00025
%RSD	3.3314	201.85	255.78	28.096	22.912	8.2167	21848.

#1	-.01869	.00014	-.00067	.00021	-.00004	.01445	-.00017
#2	-.01960	-.00081	.00019	.00014	-.00003	.01624	.00018

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00750	-.00700	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00021	.00019	.00174	-.00300	-.01701	.00544	-.00004
SDev	.00029	.00009	.00017	.00397	.00363	.00074	.00007
%RSD	139.37	44.642	9.9822	132.38	21.329	13.567	158.49

#1	-.00000	.00013	.00186	-.00019	-.01958	.00492	-.00009
#2	-.00042	.00025	.00162	-.00581	-.01445	.00597	.00001

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04914	.00010	.00052	-.00005	.00014	.00337	-.00070
SDev	.11267	.00000	.00130	.00005	.00047	.00114	.00241
%RSD	229.26	.36781	250.96	93.447	339.38	33.773	342.40

#1	-.03052	.00010	-.00040	-.00009	-.00019	.00257	.00100
#2	.12881	.00010	.00144	-.00002	.00047	.00418	-.00241

Errors	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.0000	.01000			.00500	.01500	.02000
Low	-.50000	-.00300			-.00400	-.01000	-.01000

Elem	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00047	.00529	-.00005	-.00178	-.00010	.00004	-.00230
SDev	.00401	.00030	.00010	.00132	.00031	.00037	.00023
%RSD	854.17	5.6468	204.93	73.995	323.50	922.11	10.162

#1	-.00331	.00550	-.00012	-.00085	.00012	-.00022	-.00213
#2	.00237	.00508	.00002	-.00271	-.00032	.00030	-.00246

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High			.00500	.02000	.00500	.01000	.01000
Low			-.00200	-.01000	-.00300	-.00300	-.00700

Elem	Ag3280	Mo2020
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Units	ppm	ppm
Avge	-.00103	-.00069
SDev	.00004	.00114
%RSD	4.0643	165.87

#1	-.00106	-.00150
#2	-.00100	.00012

Errors	LC Pass	LC Pass
High	.00300	.01000
Low	-.00400	-.00500

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	5599	--	--	--	--	--	--
SDev	1.909326	--	--	--	--	--	--
%RSD	.0341036	--	--	--	--	--	--
#1	5597	--	--	--	--	--	--
#2	5600	--	--	--	--	--	--

Analysis Report

07/02/08 07:22:33 AM

page 1

TestAmerica Buffalo

Analyst: AHPrimary Review: TWSDate: 7/2/08Secondary Review: JPDate: 7/2/08

Spikes: 4-MDL-9, 11-MDL-14, 11-176-E, 11-182-F, 1-MDL-12

Pipettes: 05-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK 12-015-A	A070108	TRACE2	07/01/08	08:29	X	IR	
2	STD 1 12-021-C	A070108	TRACE2	07/01/08	08:34	X	IR	
3	STD 2 12-021-D	A070108	TRACE2	07/01/08	08:39	X	IR	
4	STD 3 12-021-B	A070108	TRACE2	07/01/08	08:44	X	IR	
5	STD 3 VER L	A070108	TRACE2	07/01/08	08:50	AH	B	CONC
6	ICV 12-017-E	A070108	TRACE2	07/01/08	08:55	AH	Q	CONC
7	ICB 12-015-A	A070108	TRACE2	07/01/08	09:00	AH	B	CONC
8	CRI 12-022-A	A070108	TRACE2	07/01/08	09:06	AH	B	CONC
9	ICSA 12-016-B	A070108	TRACE2	07/01/08	09:11	AH	Q	CONC
10	ICSAB 12-016-C	A070108	TRACE2	07/01/08	09:17	AH	Q	CONC
11	CCV 12-017-F	A070108	TRACE2	07/01/08	09:24	AH	Q	CONC
12	CCB 12-015-A	A070108	TRACE2	07/01/08	09:29	AH	B	CONC
13	AD834356/(1:10) 7119	A070108	TRACE2	07/01/08	09:42	AH	S	CONC
14	AD834357/(1:10)	A070108	TRACE2	07/01/08	09:47	AH	S	CONC
15	AD835999 7559	A070108	TRACE2	07/01/08	09:53	AH	S	CONC
16	AD836235/FB	A070108	TRACE2	07/01/08	09:58	AH	S	CONC
17	AD836606/PB	A070108	TRACE2	07/01/08	10:04	AH	S	CONC
18	AD836605/FB 7392	A070108	TRACE2	07/01/08	10:09	AH	S	CONC
19	AD836746 7673	A070108	TRACE2	07/01/08	10:14	AH	S	CONC
20	AD836587	A070108	TRACE2	07/01/08	10:20	AH	S	CONC
21	AD836588	A070108	TRACE2	07/01/08	10:25	AH	S	CONC
22	AD836589	A070108	TRACE2	07/01/08	10:31	AH	S	CONC
23	CCV	A070108	TRACE2	07/01/08	10:37	AH	Q	CONC
24	CCB	A070108	TRACE2	07/01/08	10:43	AH	B	CONC
25	AD836590	A070108	TRACE2	07/01/08	10:53	AH	S	CONC
26	AD836591	A070108	TRACE2	07/01/08	10:58	AH	S	CONC
27	AD836591/L (1:5)	A070108	TRACE2	07/01/08	11:04	AH	S	CONC
28	AD836591/PS	A070108	TRACE2	07/01/08	11:09	AH	S	CONC
29	AD836592/MS	A070108	TRACE2	07/01/08	11:14	AH	S	CONC
30	AD836593/SD	A070108	TRACE2	07/01/08	11:20	AH	S	CONC
31	AD836594	A070108	TRACE2	07/01/08	11:25	AH	S	CONC
32	AD836595	A070108	TRACE2	07/01/08	11:31	AH	S	CONC
33	AD836596	A070108	TRACE2	07/01/08	11:36	AH	S	CONC
34	AD836597	A070108	TRACE2	07/01/08	11:41	AH	S	CONC
35	CCV	A070108	TRACE2	07/01/08	11:48	AH	Q	CONC
36	CCB	A070108	TRACE2	07/01/08	11:54	AH	B	CONC
37	AD836598	A070108	TRACE2	07/01/08	12:07	AH	S	CONC
38	AD836599	A070108	TRACE2	07/01/08	12:12	AH	S	CONC
39	AD836600	A070108	TRACE2	07/01/08	12:18	AH	S	CONC
40	AD836601	A070108	TRACE2	07/01/08	12:23	AH	S	CONC
41	AD836602	A070108	TRACE2	07/01/08	12:28	AH	S	CONC
42	AD836603	A070108	TRACE2	07/01/08	12:34	AH	S	CONC
43	AD836604	A070108	TRACE2	07/01/08	12:39	AH	S	CONC
44	AD836008/PB	A070108	TRACE2	07/01/08	12:45	AH	S	CONC
45	AD836007/FB	A070108	TRACE2	07/01/08	12:50	AH	S	CONC
46	AD835987 7546	A070108	TRACE2	07/01/08	12:55	AH	S	CONC
47	CCV	A070108	TRACE2	07/01/08	13:02	AH	Q	CONC
48	CCB	A070108	TRACE2	07/01/08	13:08	AH	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	A8747303/SOL <i>7473</i>	A070108	TRACE2	07/01/08	13:13	AH	S	CONC
50	A8747307/SOL <i>+</i>	A070108	TRACE2	07/01/08	13:19	AH	S	CONC
51	AD836695/PB	A070108	TRACE2	07/01/08	13:24	AH	S	CONC
52	AD836694/CLPSL	A070108	TRACE2	07/01/08	13:29	AH	S	CONC
53	AD836676 <i>7539</i>	A070108	TRACE2	07/01/08	13:35	AH	S	CONC
54	AD836677 <i>7582</i>	A070108	TRACE2	07/01/08	13:40	AH	S	CONC
55	AD836677/L (1:5)	A070108	TRACE2	07/01/08	13:46	AH	S	CONC
56	AD836677/PS	A070108	TRACE2	07/01/08	13:51	AH	S	CONC
57	AD836678/MD	A070108	TRACE2	07/01/08	13:56	AH	S	CONC
58	AD836679/MS	A070108	TRACE2	07/01/08	14:02	AH	S	CONC
59	CCV	A070108	TRACE2	07/01/08	14:09	AH	Q	CONC
60	CCB	A070108	TRACE2	07/01/08	14:14	AH	B	CONC
61	AD836680	A070108	TRACE2	07/01/08	14:19	AH	S	CONC
62	AD836681	A070108	TRACE2	07/01/08	14:25	AH	S	CONC
63	AD836682	A070108	TRACE2	07/01/08	14:30	AH	S	CONC
64	AD836683	A070108	TRACE2	07/01/08	14:36	AH	S	CONC
65	AD836684	A070108	TRACE2	07/01/08	14:41	AH	S	CONC
66	AD836685	A070108	TRACE2	07/01/08	14:46	AH	S	CONC
67	AD836686	A070108	TRACE2	07/01/08	15:09	AH	S	CONC
68	AD836687 <i>7595</i>	A070108	TRACE2	07/01/08	15:15	AH	S	CONC
69	AD836688 <i>7605</i>	A070108	TRACE2	07/01/08	15:20	AH	S	CONC
70	AD836688/(1:10)	A070108	TRACE2	07/01/08	15:29	AH	S	CONC
71	CCV	A070108	TRACE2	07/01/08	15:37	AH	Q	CONC
72	CCB	A070108	TRACE2	07/01/08	15:42	AH	B	CONC
73	AD836689	A070108	TRACE2	07/01/08	15:48	AH	S	CONC
74	AD836690 <i>7653</i>	A070108	TRACE2	07/01/08	15:53	AH	S	CONC
75	AD836691	A070108	TRACE2	07/01/08	15:59	AH	S	CONC
76	AD836692 <i>7694</i>	A070108	TRACE2	07/01/08	16:04	AH	S	CONC
77	AD836693	A070108	TRACE2	07/01/08	16:09	AH	S	CONC
78	CCV	A070108	TRACE2	07/01/08	16:16	AH	Q	CONC
79	CCB	A070108	TRACE2	07/01/08	16:22	AH	B	CONC
80	STD BLK	A070108	TRACE2	07/01/08	16:38		X	IR
81	STD 1	A070108	TRACE2	07/01/08	16:44		X	IR
82	STD 2	A070108	TRACE2	07/01/08	16:49		X	IR
83	STD 3	A070108	TRACE2	07/01/08	16:54		X	IR
84	STD 3 VER	A070108	TRACE2	07/01/08	16:59	AH	B	CONC
85	ICV	A070108	TRACE2	07/01/08	17:04	AH	Q	CONC
86	ICB	A070108	TRACE2	07/01/08	17:10	AH	B	CONC
87	CRI	A070108	TRACE2	07/01/08	17:15	AH	B	CONC
88	ICSA	A070108	TRACE2	07/01/08	17:21	AH	Q	CONC
89	ICSAB	A070108	TRACE2	07/01/08	17:26	AH	Q	CONC
90	CCV	A070108	TRACE2	07/01/08	17:33	AH	Q	CONC
91	CCB	A070108	TRACE2	07/01/08	17:38	AH	B	CONC
92	AD836627/PB	A070108	TRACE2	07/01/08	17:44	AH	S	CONC
93	AD836626/FB	A070108	TRACE2	07/01/08	17:49	AH	S	CONC
94	AD836607 <i>7627</i>	A070108	TRACE2	07/01/08	17:55	AH	S	CONC
95	AD836608 <i>7633</i>	A070108	TRACE2	07/01/08	18:00	AH	S	CONC
96	AD836609	A070108	TRACE2	07/01/08	18:05	AH	S	CONC
97	AD836610	A070108	TRACE2	07/01/08	18:11	AH	S	CONC
98	AD836610/L (1:5)	A070108	TRACE2	07/01/08	18:16	AH	S	CONC
99	AD836610/PS	A070108	TRACE2	07/01/08	18:22	AH	S	CONC
100	AD836611/MS	A070108	TRACE2	07/01/08	18:27	AH	S	CONC
101	AD836612/SD	A070108	TRACE2	07/01/08	18:32	AH	S	CONC
102	CCV	A070108	TRACE2	07/01/08	18:39	AH	Q	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	CCB	A070108	TRACE2	07/01/08	18:45	AH	B	CONC
104	AD836613	A070108	TRACE2	07/01/08	18:50	AH	S	CONC
105	AD836614	A070108	TRACE2	07/01/08	18:56	AH	S	CONC
106	AD836615	A070108	TRACE2	07/01/08	19:01	AH	S	CONC
107	AD836616	7636 A070108	TRACE2	07/01/08	19:06	AH	S	CONC
108	AD836617	7647 A070108	TRACE2	07/01/08	19:12	AH	S	CONC
109	AD836618	A070108	TRACE2	07/01/08	19:17	AH	S	CONC
110	AD836619	A070108	TRACE2	07/01/08	19:23	AH	S	CONC
111	AD836620	A070108	TRACE2	07/01/08	19:28	AH	S	CONC
112	AD836621	A070108	TRACE2	07/01/08	19:33	AH	S	CONC
113	AD836622	7667 A070108	TRACE2	07/01/08	19:39	AH	S	CONC
114	CCV	A070108	TRACE2	07/01/08	19:46	AH	Q	CONC
115	CCB	A070108	TRACE2	07/01/08	19:51	AH	B	CONC
116	AD836623	7670 A070108	TRACE2	07/01/08	19:57	AH	S	CONC
117	AD836624	7671 A070108	TRACE2	07/01/08	20:02	AH	S	CONC
118	AD836625	A070108	TRACE2	07/01/08	20:07	AH	S	CONC
119	AD836607/(1:5)	A070108	TRACE2	07/01/08	20:13	AH	S	CONC
120	AD837015/PB	A070108	TRACE2	07/01/08	20:18	AH	S	CONC
121	AD837014/FB	A070108	TRACE2	07/01/08	20:24	AH	S	CONC
122	AD836994	7688 A070108	TRACE2	07/01/08	20:29	AH	S	CONC
123	AD836995	A070108	TRACE2	07/01/08	20:35	AH	S	CONC
124	AD836996	A070108	TRACE2	07/01/08	20:40	AH	S	CONC
125	AD836997	A070108	TRACE2	07/01/08	20:45	AH	S	CONC
126	CCV	A070108	TRACE2	07/01/08	20:52	AH	Q	CONC
127	CCB	A070108	TRACE2	07/01/08	20:58	AH	B	CONC
128	AD836998	A070108	TRACE2	07/01/08	21:03	AH	S	CONC
129	AD836999	A070108	TRACE2	07/01/08	21:09	AH	S	CONC
130	AD837000	A070108	TRACE2	07/01/08	21:14	AH	S	CONC
131	AD837001	A070108	TRACE2	07/01/08	21:19	AH	S	CONC
132	AD837002	A070108	TRACE2	07/01/08	21:25	AH	S	CONC
133	AD837003	A070108	TRACE2	07/01/08	21:30	AH	S	CONC
134	AD837004	A070108	TRACE2	07/01/08	21:36	AH	S	CONC
135	AD837005	A070108	TRACE2	07/01/08	21:41	AH	S	CONC
136	AD837006	A070108	TRACE2	07/01/08	21:47	AH	S	CONC
137	CCV	A070108	TRACE2	07/01/08	21:54	AH	Q	CONC
138	CCB	A070108	TRACE2	07/01/08	21:59	AH	B	CONC
139	AD837007	A070108	TRACE2	07/01/08	22:04	AH	S	CONC
140	AD837007/L (1:5)	A070108	TRACE2	07/01/08	22:10	AH	S	CONC
141	AD837007/PS	A070108	TRACE2	07/01/08	22:15	AH	S	CONC
142	AD837008/MS	A070108	TRACE2	07/01/08	22:21	AH	S	CONC
143	AD837009/SD	A070108	TRACE2	07/01/08	22:26	AH	S	CONC
144	AD837010	A070108	TRACE2	07/01/08	22:31	AH	S	CONC
145	AD837011	A070108	TRACE2	07/01/08	22:37	AH	S	CONC
146	AD837012	A070108	TRACE2	07/01/08	22:42	AH	S	CONC
147	AD837013	A070108	TRACE2	07/01/08	22:48	AH	S	CONC
148	CCV	A070108	TRACE2	07/01/08	22:55	AH	Q	CONC
149	CCB	A070108	TRACE2	07/01/08	23:00	AH	B	CONC
150	STD BLK	A070108	TRACE2	07/01/08	23:17		X	IR
151	STD 1	A070108	TRACE2	07/01/08	23:22		X	IR
152	STD 2	A070108	TRACE2	07/01/08	23:27		X	IR
153	STD 3	A070108	TRACE2	07/01/08	23:32		X	IR
154	STD 3 VER	A070108	TRACE2	07/01/08	23:37	AH	B	CONC
155	ICV	A070108	TRACE2	07/01/08	23:43	AH	Q	CONC
156	ICB	A070108	TRACE2	07/01/08	23:48	AH	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	CRI	A070108	TRACE2	07/01/08	23:54	AH	B	CONC
158	ICSA	A070108	TRACE2	07/01/08	23:59	AH	Q	CONC
159	ICSAB	A070108	TRACE2	07/02/08	00:04	AH	Q	CONC
160	CCV	A070108	TRACE2	07/02/08	00:11	AH	Q	CONC
161	CCB	A070108	TRACE2	07/02/08	00:17	AH	B	CONC
162	AD836586/PB	A070108	TRACE2	07/02/08	00:22	AH	S	CONC
163	AD836585/FB	A070108	TRACE2	07/02/08	00:28	AH	S	CONC
164	AD836563	A070108	TRACE2	07/02/08	00:33	AH	S	CONC
165	AD836564	A070108	TRACE2	07/02/08	00:38	AH	S	CONC
166	AD836565	A070108	TRACE2	07/02/08	00:44	AH	S	CONC
167	AD836566	A070108	TRACE2	07/02/08	00:49	AH	S	CONC
168	AD836567	A070108	TRACE2	07/02/08	00:55	AH	S	CONC
169	AD836568	A070108	TRACE2	07/02/08	01:00	AH	S	CONC
170	AD836569	A070108	TRACE2	07/02/08	01:06	AH	S	CONC
171	AD836570	A070108	TRACE2	07/02/08	01:11	AH	S	CONC
172	CCV	A070108	TRACE2	07/02/08	01:18	AH	Q	CONC
173	CCB	A070108	TRACE2	07/02/08	01:23	AH	B	CONC
174	AD836571	A070108	TRACE2	07/02/08	01:29	AH	S	CONC
175	AD836571/L (1:5)	A070108	TRACE2	07/02/08	01:34	AH	S	CONC
176	AD836571/PS	A070108	TRACE2	07/02/08	01:40	AH	S	CONC
177	AD836572/MS	A070108	TRACE2	07/02/08	01:45	AH	S	CONC
178	AD836573/SD	A070108	TRACE2	07/02/08	01:51	AH	S	CONC
179	AD836574	A070108	TRACE2	07/02/08	01:56	AH	S	CONC
180	AD836575	A070108	TRACE2	07/02/08	02:01	AH	S	CONC
181	AD836576	A070108	TRACE2	07/02/08	02:07	AH	S	CONC
182	AD836577	A070108	TRACE2	07/02/08	02:12	AH	S	CONC
183	AD836578	A070108	TRACE2	07/02/08	02:18	AH	S	CONC
184	CCV	A070108	TRACE2	07/02/08	02:25	AH	Q	CONC
185	CCB	A070108	TRACE2	07/02/08	02:30	AH	B	CONC
186	AD836579	A070108	TRACE2	07/02/08	02:36	AH	S	CONC
187	AD836580	A070108	TRACE2	07/02/08	02:41	AH	S	CONC
188	AD836581	A070108	TRACE2	07/02/08	02:46	AH	S	CONC
189	AD836582	A070108	TRACE2	07/02/08	02:52	AH	S	CONC
190	AD836583	A070108	TRACE2	07/02/08	02:57	AH	S	CONC
191	AD836584	A070108	TRACE2	07/02/08	03:03	AH	S	CONC
192	AD836563/(1:10)	A070108	TRACE2	07/02/08	03:08	AH	S	CONC
193	AD836564/(1:10)	A070108	TRACE2	07/02/08	03:14	AH	S	CONC
194	AD836565/(1:10)	A070108	TRACE2	07/02/08	03:19	AH	S	CONC
195	AD836844/PB	A070108	TRACE2	07/02/08	03:24	AH	S	CONC
196	CCV	A070108	TRACE2	07/02/08	03:31	AH	Q	CONC
197	CCB	A070108	TRACE2	07/02/08	03:37	AH	B	CONC
198	AD836843/FB	A070108	TRACE2	07/02/08	03:42	AH	S	CONC
199	AD836825	A070108	TRACE2	07/02/08	03:48	AH	S	CONC
200	AD836826	A070108	TRACE2	07/02/08	03:53	AH	S	CONC
201	AD836827	A070108	TRACE2	07/02/08	03:59	AH	S	CONC
202	AD836828	A070108	TRACE2	07/02/08	04:04	AH	S	CONC
203	AD836829	A070108	TRACE2	07/02/08	04:09	AH	S	CONC
204	AD836830	A070108	TRACE2	07/02/08	04:15	AH	S	CONC
205	AD836831	A070108	TRACE2	07/02/08	04:20	AH	S	CONC
206	AD836832	A070108	TRACE2	07/02/08	04:26	AH	S	CONC
207	AD836833	A070108	TRACE2	07/02/08	04:31	AH	S	CONC
208	CCV	A070108	TRACE2	07/02/08	04:38	AH	Q	CONC
209	CCB	A070108	TRACE2	07/02/08	04:44	AH	B	CONC
210	AD836833/L (1:5)	A070108	TRACE2	07/02/08	04:49	AH	S	CONC

7425

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	AD836833/PS	A070108	TRACE2	07/02/08	04:54	AH	S	CONC
212	AD836834/MS	A070108	TRACE2	07/02/08	05:00	AH	S	CONC
213	AD836835/SD	A070108	TRACE2	07/02/08	05:05	AH	S	CONC
214	AD836836	A070108	TRACE2	07/02/08	05:11	AH	S	CONC
215	AD836837	A070108	TRACE2	07/02/08	05:16	AH	S	CONC
216	AD836838 <i>2707</i>	A070108	TRACE2	07/02/08	05:22	AH	S	CONC
217	AD836839	A070108	TRACE2	07/02/08	05:27	AH	S	CONC
218	CCV	A070108	TRACE2	07/02/08	05:34	AH	Q	CONC
219	CCB	A070108	TRACE2	07/02/08	05:39	AH	B	CONC
220	CRI	A070108	TRACE2	07/02/08	05:46	AH	B	CONC
221	ICSA	A070108	TRACE2	07/02/08	05:52	AH	Q	CONC
222	ICSAB	A070108	TRACE2	07/02/08	05:57	AH	Q	CONC
223	CCV	A070108	TRACE2	07/02/08	06:04	AH	Q	CONC
224	CCB	A070108	TRACE2	07/02/08	06:09	AH	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD'	VER	ICV
1	Al3082	.05674	8.32728	41.3949	83.4072	50.120		18.894
2	As1890	.001	.68124	3.48229	7.02662	1.0174		.37549
3	B_2496	.0272	1.44819	7.17119	14.3847	1.0076		.37100
4	Ba4934	-.00013	4.02685	20.075	41.0435	1.0176		.38315
5	Be3130	.28954	7.74954	37.618	74.3588	.99049		.37896
6	Ca3179	.0122			63.1214	49.808		18.934
7	Cd2265	-.00679	12.413	61.3835	122.002	.98922		.37675
8	Co2286	-.00275	.7086	3.56157	7.09484	.99548		.37429
9	Cr2677	.00355	1.95963	9.81189	19.5395	.99677		.39179
10	Cu3247	.03032	.86505	4.26862	8.56869	1.0100		.37579
11	Fe2714	-.00075	1.90207	9.48431	18.8123	49.598		18.869
12	K_7664	-.1083			70.51	49.868		18.787
13	Mg2790	-.00023			119.268	49.609		18.839
14	Mn2576	.0005	1.3897	6.89678	13.7192	.99347		.38309
15	Mo2020	-.00199	1.211	5.9828	12.0199	.99747		.37681
16	Na3302	-.00227			3.14459	49.383		18.657
17	Ni2316	-.03186	5.18287	26.1024	52.0479	.99516		.38268
18	2203/1	-.02554	1.67001	8.12825	16.175	.98168		.37695
19	2203/2	-.00951	1.55054	7.86457	15.9084	1.0093		.38714
20	Sb2068	.00065	.37568	1.91498	3.91398	1.0290	Q	.39588
21	1960/1	-.01148	.4942	2.39402	4.77825	.98647		.38110
22	1960/2	-.00498	.84854	4.0916	8.43891	1.0035		.38709
23	Ti3372	.07031	5.12923	25.2866	51.5291	1.0111	Q	.39437
24	Tl1908	-.01851	.46083	2.38407	4.80613	1.0085		.38679
25	V_2924	.00075	.28758	1.43991	2.88183	1.0018		.37851
26	Zn2062	.00289	.25662	1.25139	2.48223	.98332		.38173
27	Sn1899	-.01904	2.25207	11.2963	22.5454	.99484		.37953
28	Ag3280	-.00174	1.55383	7.75427	15.5511	1.0029		.37052
29	*Y	3973.46	3908.36	3912.04	3895.09	3980.44		3877.13
30	PB2203					1.0001		.38375
31	SE1960					.99780		.38509

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.02103	.20661	515.50	517.32	25.014	.06736
2	As1890	.00250	.00958	-.00224	.10267	.49693	.00008
3	B_2496	.00361	.02114	.00096	.00885	.48655	.00123
4	Ba4934	.00017	.00214	.00110	.53768	.51653	.00024
5	Be3130	.00024	.00201	.00096	.51153	.49896	.00011
6	Ca3179	.00959	.47961	509.55	512.20	25.120	.06437
7	Cd2265	.00060	.00109	-.00036	.98540	.49325	.00029
8	Co2286	.00146	.00386	.00065	.49153	.49280	.00082
9	Cr2677	.00181	.00427	.00060	.52285	.51622	.00062
10	Cu3247	.00110	.00828	-.00102	.52242	.50033	-.00113
11	Fe2714	.03828	.05844	196.16	99.472	24.822	.02690
12	K_7664	.00706	.44621	.01808	.01557	24.880	.01039
13	Mg2790	.00551	.19561	511.24	503.26	24.708	.06186
14	Mn2576	.00044	.00315	.00178	.49453	.50453	.00025
15	Mo2020	.00089	.01071	.00154	.00086	.49606	.00102
16	Na3302	-.05301	1.2002	.03166	.01650	24.825	.18093
17	Ni2316	.00194	.00992	.00019	.96550	.50303	.00105
18	2203/1	-.01198	.00606	.00706	.05719	.49480	-.00019

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.01047	.00793	-.00536	.04559	.50889	.00146
20	Sb2068	.00262	.02048	.00135	.66229	.52252	.00382
21	1960/1	-.01739	.01774	-.00152	.04853	.49582	-.00311
22	1960/2	.01029	.01788	-.00570	.05657	.50377	.00652
23	Ti3372	.00017	.00520	.00205	.00329	.52865	.00044
24	Tl1908	.00186	.02156	-.00980	.09079	.50879	.00571
25	V_2924	.00205	.00540	-.00004	.51374	.50406	.00081
26	Zn2062	.00062	.01109	-.00369	.97102	.49933	-.00017
27	Sn1899	.00126	.00931	-.00116	.00229	.49831	.00234
28	Ag3280	-.00024	.00314	.00166	.21580	.48892	.00040
29	*Y	3904.8	4026.3	3688.76	3586.09	3874.43	4031.44
30	PB2203	.00299	.00731	-.00122	.04946	.50420	.00091
31	SE1960	.00106	.01784	-.00430	.05389	.50112	.00331

#	Element	AD8':10)	AD8':10)	AD835999	AD8'5/FB	AD8'6/PB	AD8'5/FB
1	Al3082	.03234	.04235	.18049	10.125	.05205	10.244
2	As1890	-.00042	.00086	.00131	.20634	.00101	.20935
3	B_2496	.01685	.02380	.21056	.20423	.00747	.20705
4	Ba4934	.02281	.05635	.14918	.21279	.00021	.21510
5	Be3130	-.00002	.00000	-.00005	.20145	-.00008	.20429
6	Ca3179	23.059	24.837	116.44	10.139	.09991	10.333
7	Cd2265	.00000	.00018	.00008	.20220	.00000	.20422
8	Co2286	.00011	.00094	.00159	.19500	.00016	.19732
9	Cr2677	.00015	.00106	.00054	.20402	.00021	.20543
10	Cu3247	-.00211	-.00133	.00177	.20439	-.00130	.20716
11	Fe2714	.01942	.44988	.20309	10.184	.01524	10.287
12	K_7664	.35202	5.3357	24.427	10.129	.00754	10.243
13	Mg2790	5.3464	2.7337	36.299	9.9929	.01277	10.128
14	Mn2576	.11384	.15784	.49073	.20368	.00021	.20575
15	Mo2020	.00155	.00181	.00643	.21069	.00105	.21170
16	Na3302	240.83	236.31	92.534	10.159	.11060	10.217
17	Ni2316	-.00038	-.00004	.00657	.20404	.00005	.20587
18	2203/1	.00359	-.00041	.00390	.19877	.00212	.20442
19	2203/2	.00028	.00326	.00061	.20975	.00027	.21219
20	Sb2068	.00037	.00453	.00250	.21426	.00382	.21706
21	1960/1	-.00325	-.00898	.00131	.19450	-.00274	.19185
22	1960/2	-.00003	.00472	.00370	.21240	.00325	.20969
23	Ti3372	.00078	.00060	.00357	.21196	.00057	.21514
24	Tl1908	.00144	.00244	.00226	.20276	.00015	.20569
25	V_2924	-.00030	.00150	.00061	.20867	.00056	.21065
26	Zn2062	.00013	.00020	.01037	.20836	.00057	.21099
27	Sn1899	.00168	.00277	.00002	.20729	.00233	.21093
28	Ag3280	.00043	.00064	.00025	.05180	.00044	.05206
29	*Y	3889.76	3861.23	3954.53	4035.75	4011.23	4018.58
30	PB2203	.00138	.00204	.00170	.20610	.00089	.20960
31	SE1960	-.00110	.00015	.00291	.20643	.00125	.20374

#	Element	AD836746	AD836587	AD836588	AD836589	CCV	CCB
1	Al3082	125.67	.17749	.05662	3.3876	24.947	.02298
2	As1890	.11845	.00349	.00293	.01928	.50434	-.00108
3	B_2496	.16670	.60681	.09283	.82827	.48894	-.00019
4	Ba4934	1.0869	.49835	.12014	.20960	.52034	.00008
5	Be3130	.00543	-.00004	-.00014	.00021	.49900	.00023
6	Ca3179	208.61	157.29	67.600	286.99	25.137	.01517
7	Cd2265	.00005	-.00004	-.00012	.00014	.49691	.00000
8	Co2286	.11443	.00184	-.00004	.00743	.49658	.00000
9	Cr2677	.18092	.00232	.00038	.02572	.51840	-.00013
10	Cu3247	.16128	-.00147	-.00174	.05351	.49999	-.00176
11	Fe2714	242.18	8.7908	1.6919	8.9641	24.993	.00481
12	K_7664	24.029	9.5678	2.0810	56.634	24.942	-.00193
13	Mg2790	93.071	103.26	43.782	171.17	24.990	.01556
14	Mn2576	4.8558	.04146	.02092	.63152	.50720	.00012
15	Mo2020	.02503	.00060	.00217	.00370	.49998	.00057
16	Na3302	11.774	166.55	14.462	231.63	24.665	.12266
17	Ni2316	.27599	.00904	.00061	.03957	.50344	-.00015
18	2203/1	.10111	.00075	.00376	.01070	.49453	.00200
19	2203/2	.10168	.00068	.00132	.00875	.52038	.00239
20	Sb2068	.00381	-.00118	-.00077	.00260	.53551	.00135
21	1960/1	.00624	-.00198	.00520	-.00290	.49232	.00343
22	1960/2	-.00540	.00187	.00400	-.00064	.52077	.00063
23	Ti3372	.87274	.00415	.00060	.09839	.53326	.00032
24	Tl1908	L-.01897	.00296	.00290	.00235	.51120	.00442
25	V_2924	.20602	.00074	-.00002	.00771	.50877	.00023
26	Zn2062	.53215	-.00035	.00150	.01541	.50486	-.00039
27	Sn1899	.00651	.00196	.00204	.00249	.50035	.00123
28	Ag3280	.00023	.00022	-.00017	.00047	.49100	-.00029
29	*Y	4215.15	3949.84	4022.59	3845.59	3967.31	3877.43
30	PB2203	.10149	.00070	.00213	.00940	.51177	.00226
31	SE1960	-.00152	.00058	.00440	-.00139	.51128	.00156

#	Element	AD836590	AD836591	AD8'1:5)	AD8'1/PS	AD8'2/MS	AD8'3/SD
1	Al3082	.03286	.07703	.00724	10.164	10.385	10.301
2	As1890	.00323	.00935	.00095	.21888	.22037	.22216
3	B_2496	1.2431	.36625	.07112	.55613	.58246	.56941
4	Ba4934	.45937	.15653	.03123	.36537	.37766	.36902
5	Be3130	-.00003	-.00006	-.00005	.20525	.20763	.20772
6	Ca3179	140.82	101.74	20.035	109.43	114.39	113.40
7	Cd2265	.00002	-.00002	-.00023	.20264	.20284	.20445
8	Co2286	.00229	.00374	.00031	.20599	.20015	.20176
9	Cr2677	.00192	.00082	.00023	.20514	.20814	.20826
10	Cu3247	-.00057	-.00151	-.00267	.20329	.20965	.20855
11	Fe2714	5.1181	7.2696	1.4462	17.360	17.940	17.729
12	K_7664	53.097	20.186	3.8010	30.131	31.490	30.580
13	Mg2790	91.014	54.437	10.697	63.358	66.369	65.888
14	Mn2576	.12628	.16164	.03224	.36307	.37306	.37589
15	Mo2020	.00492	.00186	.00095	.20894	.21654	.21705
16	Na3302	189.53	42.260	8.4942	51.238	54.993	51.725
17	Ni2316	.00587	.00468	-.00009	.20646	.21011	.21091
18	2203/1	.00045	.00144	.00545	.19810	.20411	.20478

#	Element	AD836590	AD836591	AD8'1:5)	AD8'1/PS	AD8'2/MS	AD8'3/SD
19	2203/2	.00219	.00161	-.00181	.20919	.21052	.21229
20	Sb2068	.00431	.00222	-.00164	.21796	.22125	.22357
21	1960/1	.00221	-.00087	.00165	.19845	.20363	.19884
22	1960/2	.00140	.00433	.00263	.21121	.21074	.21623
23	Ti3372	.00090	.00054	.00055	.21348	.21581	.21560
24	Tl1908	.00263	.00342	.00190	.20338	.20865	.21519
25	V_2924	.00157	.00023	-.00002	.21083	.21320	.21381
26	Zn2062	.00015	.00149	-.00011	.20232	.20919	.21034
27	Sn1899	.00177	.00028	.00217	.09663	.21003	.21418
28	Ag3280	.00049	.00039	.00066	.04993	.05337	.05378
29	*Y	3910.95	3972.6	3982.12	3859.01	3855.08	3987.11
30	PB2203	.00161	.00155	.00060	.20550	.20838	.20979
31	SE1960	.00167	.00260	.00231	.20695	.20836	.21043

#	Element	AD836594	AD836595	AD836596	AD836597	CCV	CCB
1	Al3082	.14393	.61855	.08736	.03939	25.244	.02108
2	As1890	.00389	.00158	.00410	.00236	.50911	.00114
3	B_2496	1.0073	.13267	.13970	.74117	.49117	.00081
4	Ba4934	.70937	.12091	.12208	.45068	.52455	.00012
5	Be3130	-.00005	.00009	-.00006	-.00004	.50655	.00008
6	Ca3179	91.819	123.48	75.483	154.73	25.452	.01527
7	Cd2265	-.00013	-.00012	-.00033	-.00004	.49908	.00011
8	Co2286	.00204	.00670	.00139	.00314	.49898	.00051
9	Cr2677	.00163	.03853	.01363	.06002	.52129	.00051
10	Cu3247	-.00117	.00752	.00059	-.00030	.50553	-.00215
11	Fe2714	2.2790	3.0975	.78832	10.515	25.167	.01495
12	K_7664	39.525	8.0477	2.3626	5.1438	25.023	.02553
13	Mg2790	78.759	55.461	59.144	105.69	25.121	.01989
14	Mn2576	.11314	.77636	.86834	.28022	.50898	.00019
15	Mo2020	.00162	.00220	.00624	.00155	.50097	.00209
16	Na3302	189.55	13.743	29.407	162.61	24.843	.08624
17	Ni2316	.00703	.13690	.02002	.03433	.51047	.00012
18	2203/1	.00130	.00658	.00409	.00212	.50643	.00349
19	2203/2	.00136	.00096	.00003	.00055	.52517	.00112
20	Sb2068	.00104	.00222	.00232	.00253	.52964	.00315
21	1960/1	-.00316	.00271	-.00041	-.00274	.50358	.00055
22	1960/2	.00248	.00403	.00311	.00159	.52535	.00187
23	Ti3372	.00431	.02729	.00341	.00084	.53757	.00039
24	Tl1908	-.00088	.00142	.00035	.00197	.51232	.00155
25	V_2924	.00084	.00166	-.00013	.00133	.50852	.00091
26	Zn2062	-.00042	.01279	.00022	.00048	.50800	-.00011
27	Sn1899	.00176	.00169	.00135	.00086	.50599	.00174
28	Ag3280	-.00023	.00004	-.00019	.00043	.49334	.00131
29	*Y	3952.13	3874.12	4003.73	3942.98	3960.08	3998.62
30	PB2203	.00134	.00283	.00138	.00107	.51893	.00191
31	SE1960	.00059	.00359	.00193	.00014	.51809	.00143

#	Element	AD836598	AD836599	AD836600	AD836601	AD836602	AD836603
1	Al3082	.04954	.25881	.03401	.02491	.20970	.36166
2	As1890	.00290	.00043	-.00048	-.00129	.00048	-.00020
3	B_2496	.10557	.06330	.00587	.00564	.98964	.06311
4	Ba4934	.07092	.11072	-.00001	.00002	.69251	.11218
5	Be3130	-.00006	.00005	-.00011	-.00010	-.00004	-.00002
6	Ca3179	49.273	75.454	.13021	.09029	92.147	75.604
7	Cd2265	-.00008	-.00013	.00000	-.00015	-.00014	.00001
8	Co2286	.00045	.00016	.00003	-.00048	.00201	.00052
9	Cr2677	.00200	.00091	.00023	-.00009	.00171	.00163
10	Cu3247	-.00112	-.00075	-.00174	-.00195	-.00117	-.00086
11	Fe2714	2.2632	1.1357	.00862	.06914	2.3377	1.0927
12	K_7664	1.7245	1.4131	.01099	.00943	38.808	1.4327
13	Mg2790	37.172	41.560	.01035	.00340	79.172	40.716
14	Mn2576	.18298	.02167	.00018	.00031	.11535	.02123
15	Mo2020	.00323	.00456	.00003	-.00004	.00186	.00562
16	Na3302	16.772	10.691	-.35330	.03659	185.77	10.792
17	Ni2316	.00095	.00057	-.00046	-.00082	.00684	.00116
18	2203/1	.00143	-.00324	-.00140	.00100	.00247	-.00206
19	2203/2	.00162	.00493	.00498	.00108	.00075	.00233
20	Sb2068	.00180	-.00354	-.00162	-.00225	-.00069	.00093
21	1960/1	.00190	-.00491	-.00265	.00206	-.00157	-.00580
22	1960/2	.00158	.00568	.00405	.00197	.00332	.00472
23	Ti3372	.00073	.00688	-.00038	-.00004	.00657	.00641
24	Tl1908	.00092	.00403	-.00059	.00085	.00020	.00161
25	V_2924	.00066	.00015	.00025	.00000	.00141	.00033
26	Zn2062	.00022	.00053	.00130	.00211	.00056	.00121
27	Sn1899	.00033	-.00123	-.00120	-.00041	.00044	-.00011
28	Ag3280	.00013	-.00127	-.00071	-.00056	.00020	-.00023
29	*Y	3986.78	3957.38	4033.69	4016.66	3970.99	3985.61
30	PB2203	.00156	.00220	.00285	.00106	.00132	.00087
31	SE1960	.00169	.00215	.00181	.00200	.00169	.00121

#	Element	AD836604	AD8'8/PB	AD8'7/FB	AD835987	CCV	CCB
1	Al3082	.02697	.07796	10.134	.38706	25.196	.02103
2	As1890	.00006	.00077	.20902	.00246	.50951	-.00164
3	B_2496	.00431	.00476	.20240	.22577	.48960	-.00002
4	Ba4934	.00022	.00004	.21208	.14758	.52501	.00002
5	Be3130	-.00011	-.00012	.20453	.00031	.50396	.00007
6	Ca3179	.08471	.05004	10.260	349.96	25.417	.01638
7	Cd2265	-.00010	-.00006	.20402	.00000	.49807	.00004
8	Co2286	-.00020	-.00004	.19672	.00028	.49844	.00001
9	Cr2677	.00034	.00005	.20597	.00431	.52033	.00028
10	Cu3247	-.00175	-.00171	.20612	-.00070	.50332	.00215
11	Fe2714	-.00118	-.00216	10.327	.04144	25.069	.00940
12	K_7664	.00866	.01539	10.014	46.224	24.889	.02008
13	Mg2790	.00632	.00214	10.120	2.5818	25.204	.01804
14	Mn2576	.00008	.00006	.20582	.00130	.50818	.00006
15	Mo2020	.00009	-.00002	.21172	.04590	.49927	.00121
16	Na3302	.09463	.07861	10.071	H1807.5	24.745	.06359
17	Ni2316	-.00054	-.00035	.20616	.00334	.50859	-.00015
18	2203/1	.00083	.00118	.20315	-.00458	.49962	.00044

#	Element	AD836604	AD8'8/PB	AD8'7/FB	AD835987	CCV	CCB
19	2203/2	.00288	.00117	.21194	.00437	.52316	.00084
20	Sb2068	-.00480	-.00223	.21150	.00064	.53704	.00514
21	1960/1	.00493	-.00207	.19781	.00285	.49782	.00395
22	1960/2	.00305	.00124	.20858	.00653	.52440	.00642
23	Ti3372	.00009	.00012	.21351	-.00008	.53882	-.00004
24	Tl1908	.00324	.00016	.20793	.00090	.50671	.00352
25	V_2924	.00013	.00008	.21005	.02296	.51060	.00017
26	Zn2062	.00131	.00180	.21305	.00272	.51018	.00053
27	Sn1899	.00013	-.00018	.21042	.00082	.50436	.00119
28	Ag3280	-.00048	-.00048	.05235	-.00089	.49032	-.00024
29	*Y	4019.96	4021.58	4042.28	3501.49	3975.9	3981.75
30	PB2203	.00220	.00117	.20902	.00139	.51532	.00071
31	SE1960	.00367	.00014	.20499	.00530	.51554	.00559

#	Element	A87'/SOL	A87'/SOL	AD8'5/PB	AD8'LPSL	AD836676	AD836677
1	Al3082	.00662	.00495	.01109	66.304	74.534	1.9012
2	As1890	-.00054	.00478	.00010	.86048	.08678	.00226
3	B_2496	.00969	.02642	.00005	1.1109	.01694	.09181
4	Ba4934	.26583	.11841	.00031	4.4078	.75538	.35204
5	Be3130	-.00003	.00000	-.00004	.59289	.00434	.00005
6	Ca3179	48.801	182.19	.06948	70.653	15.108	9.0827
7	Cd2265	.00018	.00699	-.00005	.59931	.00097	.00174
8	Co2286	.00113	.00115	-.00039	.71762	.07094	.03324
9	Cr2677	.00008	.00017	.00020	.90311	.09310	.28626
10	Cu3247	.00005	.01476	-.00031	.83293	.08113	.41273
11	Fe2714	.00045	-.00325	.00744	108.38	179.63	5.8776
12	K_7664	8.7220	2.1858	.04510	25.236	8.6805	1.5121
13	Mg2790	17.169	46.926	.00857	27.774	21.754	1.2989
14	Mn2576	.03039	.29130	.00025	2.8385	6.1471	.10603
15	Mo2020	.01102	.00149	.00122	.54871	.00612	.03167
16	Na3302	17.093	184.51	.17491	4.4542	.64639	4.9720
17	Ni2316	.00090	.00728	-.00079	1.1208	.12496	.08387
18	2203/1	.00064	-.00077	.00735	.85886	.13820	.67980
19	2203/2	.00199	.00314	-.00047	.88488	.13661	.71612
20	Sb2068	.00062	-.00344	-.00064	.65612	.00199	.00861
21	1960/1	.00408	.00471	.00244	1.5003	-.00498	.00353
22	1960/2	.00084	.00276	.00204	1.5632	.00593	.00269
23	Ti3372	-.00036	-.00056	.00074	3.3841	.83538	.21078
24	Tl1908	.00170	-.00605	.00180	1.3218	-.00935	-.00084
25	V_2924	.00026	-.00008	-.00003	.95292	.11597	.00872
26	Zn2062	-.00042	.02144	.00196	2.1897	.41235	.77459
27	Sn1899	.00247	.00789	H.03531	1.0287	.01104	.05600
28	Ag3280	.00010	-.00044	.00081	.77718	.00031	.02649
29	*Y	4058.66	3952.88	3950.62	4222.5	3980.06	4028.66
30	PB2203	.00154	.00183	.00213	.87622	.13714	.70402
31	SE1960	.00192	.00341	.00217	1.5423	.00229	.00297

#	Element	AD8'1:5)	AD8'7/PS	AD8'8/MD	AD8'9/MS	CCV	CCB
1	Al3082	.42072	22.088	.41192	21.446	25.064	.03583
2	As1890	.00240	.41328	-.00164	.41482	.50161	-.00156
3	B_2496	.01866	.47535	.09687	.48514	.48800	-.00053
4	Ba4934	.06945	.76352	.08303	.59575	.51972	.00012
5	Be3130	.00002	.39921	-.00021	.40886	.50016	.00004
6	Ca3179	1.7738	29.041	2.9640	25.707	25.224	.01589
7	Cd2265	.00044	.40173	.00052	.40961	.49642	.00007
8	Co2286	.00695	.43296	.01657	.41962	.49476	-.00001
9	Cr2677	.05757	.67796	.07006	.55113	.51940	.00006
10	Cu3247	.08066	.80454	.08556	.59541	.50057	.00242
11	Fe2714	1.1835	25.807	1.3560	23.357	25.045	.00638
12	K_7664	.27756	22.358	1.4623	22.628	24.756	.01388
13	Mg2790	.25468	21.238	.77922	21.427	25.101	.01502
14	Mn2576	.02114	.50361	.05703	.48446	.50718	.00010
15	Mo2020	.00564	.43489	.01150	.44102	.49716	.00169
16	Na3302	1.0571	24.208	5.1307	24.892	24.707	.16214
17	Ni2316	.01740	.48172	.03074	.45907	.50400	-.00044
18	2203/1	.13319	1.0336	.16118	.72475	.49784	.00440
19	2203/2	.14526	1.0950	.16514	.75923	.51761	.00097
20	Sb2068	.00146	.43470	.00259	.43272	.52551	.00111
21	1960/1	-.00015	.39143	.00139	.39756	.49689	.00316
22	1960/2	.00826	.41224	.00113	.41507	.51816	-.00089
23	Ti3372	.04159	.62270	.04860	.52237	.53057	.00029
24	Tl1908	.00137	.40416	.00236	.41232	.50998	.00420
25	V_2924	.00213	.42161	.00254	.42761	.50678	.00021
26	Zn2062	.15522	1.1323	.28089	.84005	.50775	.00052
27	Sn1899	.01145	.24080	.03169	.45599	.50055	.00069
28	Ag3280	.00428	.12550	.00643	.11637	.49007	.00053
29	*Y	4027.8	4111.73	4117.54	4047.41	3972.23	4001.74
30	PB2203	.14124	1.0745	.16382	.74775	.51102	.00211
31	SE1960	.00546	.40530	.00122	.40923	.51107	.00045

#	Element	AD836680	AD836681	AD836682	AD836683	AD836684	AD836685
1	Al3082	.31945	.02353	.06539	.06661	.10818	139.70
2	As1890	.00068	.00124	.00186	.00025	.00049	.08991
3	B_2496	.10686	.13880	.14121	.06970	.07227	.06660
4	Ba4934	.02019	.01201	.01281	.03114	.03575	3.5507
5	Be3130	.00002	-.00020	-.00017	-.00015	-.00020	.00581
6	Ca3179	1.5471	.93152	.95519	1.2774	1.4866	164.18
7	Cd2265	.00032	.00102	.00119	.00643	.00756	.00094
8	Co2286	.01488	-.00001	.00000	.00081	.00072	.13964
9	Cr2677	.02399	.00232	.00175	.00768	.00883	.21235
10	Cu3247	.02113	.04773	.04790	.11660	.13394	.55111
11	Fe2714	.41234	.52394	.55917	1.0471	1.0767	323.65
12	K_7664	1.5852	.19060	.18348	.22208	.26132	16.030
13	Mg2790	.72361	.02374	.02970	.04057	.04840	100.20
14	Mn2576	.04988	.00746	.00434	.01387	.01590	10.228
15	Mo2020	.00580	.14627	.14462	.09166	.09413	.01925
16	Na3302	5.6464	.53238	.74157	.51262	.59882	4.9741
17	Ni2316	.02755	.00238	.00262	.00571	.00588	.30873
18	2203/1	.04035	.02909	.03235	.07724	.09354	.35210

#	Element	AD836680	AD836681	AD836682	AD836683	AD836684	AD836685
19	2203/2	.04337	.03276	.03296	.08206	.09486	.35798
20	Sb2068	.00056	.00139	.00277	.00248	.00454	.00186
21	1960/1	-.00051	-.00244	-.00429	-.00324	-.00213	.01180
22	1960/2	.00023	.00797	.00431	.00225	-.00089	-.00087
23	Ti3372	.01346	.00271	.00318	.00652	.00728	.56989
24	Tl1908	.00097	.00193	.00573	.00062	.00230	L-.01916
25	V_2924	.00060	.00123	.00133	.00307	.00283	.24000
26	Zn2062	.18480	.54834	.54984	.71177	.82426	.98329
27	Sn1899	.02651	.04457	.05629	.14252	.15137	.02252
28	Ag3280	.00153	.00019	.00107	.00158	.00210	.00130
29	*Y	4000.46	4103.93	4057.65	4017.98	4058.36	4245.75
30	PB2203	.04237	.03154	.03276	.08045	.09442	.35602
31	SE1960	-.00001	.00449	.00144	.00041	-.00131	.00334

#	Element	AD836686	AD836687	AD836688	AD8':10)	CCV	CCB
1	Al3082	96.089	50.269	52.534	5.3744	25.307	.02007
2	As1890	.08420	.04977	.05741	.00478	.51042	-.00179
3	B_2496	.04454	.01903	.42920	.04722	.49601	.00032
4	Ba4934	1.2742	.57446	5.8932	.59187	.52364	.00032
5	Be3130	.00414	.00153	.00176	.00009	.50680	.00030
6	Ca3179	92.170	20.043	304.54	31.280	25.481	.01427
7	Cd2265	.00042	-.00007	.01540	.00140	.50370	.00037
8	Co2286	.13942	.02305	.02743	.00266	.50251	.00058
9	Cr2677	.14567	.08153	.62170	.06460	.52593	.00016
10	Cu3247	.39750	.07284	5.1042	.51179	.50593	-.00128
11	Fe2714	242.16	130.05	669.56	69.953	25.460	.01692
12	K_7664	10.708	4.1705	7.3324	.65746	25.030	.02658
13	Mg2790	75.943	17.740	42.343	4.3646	25.495	.01271
14	Mn2576	7.6975	1.1873	1.7449	.18124	.51304	.00041
15	Mo2020	.01329	.00738	.10172	.01097	.50167	.00098
16	Na3302	3.7837	.31130	5.8617	.73182	24.929	-.00216
17	Ni2316	.24355	.06130	.11569	.01111	.51195	.00048
18	2203/1	.13580	.53289	.27755	.03255	.50603	.00000
19	2203/2	.14028	.55504	.28827	.02961	.53093	.00146
20	Sb2068	.00234	-.00220	.01935	.00201	.53633	.00059
21	1960/1	-.00644	-.00480	.03753	.00949	.49998	.00249
22	1960/2	.00194	.00143	.02913	.00727	.53250	.00390
23	Ti3372	.35362	.47051	.86402	.09159	.53704	.00032
24	Tl1908	L-.01330	-.00518	L-.04304	-.00247	.51890	.00274
25	V_2924	.16469	.10206	.08681	.00855	.51422	.00061
26	Zn2062	.58381	.33013	6.7690	.73802	.51197	.00073
27	Sn1899	.02485	.02313	.25403	.02913	.51091	.00308
28	Ag3280	.00098	.00014	.14038	.01395	.49473	-.00036
29	*Y	4110.34	4150.24	4124.51	4019.63	3945.94	3994.73
30	PB2203	.13879	.54767	.28470	.03059	.52264	.00097
31	SE1960	-.00085	-.00064	.03193	.00801	.52165	.00343

#	Element	AD836689	AD836690	AD836691	AD836692	AD836693	CCV
1	Al3082	16.887	69.021	75.847	98.067	74.041	25.249
2	As1890	.01866	.05997	.05028	.08190	.07333	.50873
3	B_2496	.15136	.03209	.05195	.01417	.01158	.49320
4	Ba4934	1.8672	.45185	.52210	2.7547	.52193	.52336
5	Be3130	.00052	.00333	.00369	.00449	.00312	.50530
6	Ca3179	99.559	120.02	199.91	68.180	7.1657	25.397
7	Cd2265	.00448	.00123	.00089	.00077	.00077	.50109
8	Co2286	.00868	.06884	.08116	.10352	.05268	.50044
9	Cr2677	.20494	.09575	.13602	.11768	.07395	.52328
10	Cu3247	1.5821	.17169	.19785	.14869	.13039	.50576
11	Fe2714	214.75	155.84	175.64	220.79	132.29	25.372
12	K_7664	2.5253	8.1411	11.430	8.2682	4.3396	24.942
13	Mg2790	14.327	44.086	73.391	24.444	16.576	25.323
14	Mn2576	.57082	3.5468	3.7047	12.680	6.9620	.51170
15	Mo2020	.03210	.01967	.02056	.00638	.00678	.50039
16	Na3302	2.1401	.71347	.88050	.30275	.49831	24.744
17	Ni2316	.03904	.17008	.22915	.17096	.10820	.50882
18	2203/1	.09274	.10768	.10729	.16098	.10589	.50371
19	2203/2	.09238	.10689	.10681	.16311	.10469	.52430
20	Sb2068	.00704	.00015	-.00065	.00374	-.00022	.53410
21	1960/1	.01184	.00320	.00117	-.00515	-.00492	.50880
22	1960/2	.01608	.00000	.00391	-.00220	.00112	.52542
23	Ti3372	.39116	.80346	1.4012	.93380	1.2024	.53506
24	Tl1908	L-.01092	-.00509	-.00701	-.00980	-.00441	.51248
25	V_2924	.02879	.11698	.14006	.14220	.11896	.51235
26	Zn2062	2.1861	.51559	.51151	.59529	.60881	.51619
27	Sn1899	.07670	.01134	.01686	.01225	.01964	.50528
28	Ag3280	.04277	.00064	.00022	.00039	.00002	.49349
29	*Y	4038.86	4141.05	4115.29	4275	4287.49	3994.2
30	PB2203	.09250	.10715	.10697	.16240	.10509	.51744
31	SE1960	.01467	.00106	.00299	-.00319	-.00089	.51987

#	Element	CCB	STD BLK	STD 1	STD 2	STD 3	STD' VER
1	Al3082	.00762	.11696	8.45906	42.0533	84.0455	50.215
2	As1890	.00216	.00145	.73409	3.63266	7.17748	.99542
3	B_2496	.00067	.02702	1.48427	7.26034	14.576	1.0066
4	Ba4934	.00011	-.00075	4.26209	21.3046	42.3224	.99510
5	Be3130	.00001	.28922	7.80666	37.8909	74.608	.99594
6	Ca3179	.00032	.01243			63.6683	50.325
7	Cd2265	.00000	-.00868	12.5417	61.7061	122.838	.99937
8	Co2286	.00010	.00037	.72091	3.59758	7.16355	1.0031
9	Cr2677	.00025	.00477	1.99493	9.92495	19.8027	1.0016
10	Cu3247	-.00186	.01682	.88461	4.36453	8.67656	.99828
11	Fe2714	.00110	.00175	1.94268	9.65996	19.2572	50.056
12	K_7664	.00595	-.0834			71.0248	50.092
13	Mg2790	.00298	.00817			120.753	50.324
14	Mn2576	.00016	.00226	1.40462	6.96586	13.9297	1.0008
15	Mo2020	.00150	.00678	1.22602	6.05491	12.1573	1.0061
16	Na3302	.24482	.00251			3.18615	49.898
17	Ni2316	-.00001	-.03033	5.28478	26.3814	52.1696	.99577
18	2203/1	.00387	-.01047	1.68233	8.14384	16.3758	.99076

#	Element	CCB	STD BLK	STD 1	STD 2	STD 3	STD' VER
19	2203/2	.00101	.03138	1.66772	8.25377	16.1775	1.0038
20	Sb2068	.00236	.00464	.40424	2.01755	4.05054	1.0139
21	1960/1	.00288	-.02787	.4846	2.39202	4.86939	.98313
22	1960/2	.00388	.03334	.90214	4.37603	8.72614	1.0095
23	Ti3372	.00049	.07336	5.3991	26.5925	52.6834	.99544
24	Tl1908	.00328	-.02122	.47896	2.42943	4.87012	1.0040
25	V_2924	.00021	.00251	.29796	1.48299	2.95255	1.0020
26	Zn2062	.00027	.06583	.26389	1.26838	2.51318	1.0843
27	Sn1899	.00297	.00755	2.2665	11.4433	22.8783	1.0108
28	Ag3280	.00028	.00854	1.5568	7.80437	15.7588	1.0089
29	*Y	4004.1	3979.61	3992.18	3881.85	3935.4	3970.91
30	PB2203	.00196					.99946
31	SE1960	.00355					1.0007

#	Element	ICV	ICB	CRI	ICSA	ICSAB	CCV
1	Al3082	18.796	-.02964	.17393	517.68	516.22	24.961
2	As1890	.36839	.00029	.01156	-.00036	.10012	.48424
3	B_2496	.36820	-.00010	.02087	.00078	.00943	.48578
4	Ba4934	.37584	.00000	.00207	.00102	.52073	.49771
5	Be3130	.37863	.00004	.00207	.00098	.51313	.50191
6	Ca3179	18.969	.00238	.48623	515.47	512.55	25.263
7	Cd2265	.37632	.00004	.00102	-.00023	.98644	.49681
8	Co2286	.37331	-.00043	.00355	.00028	.49120	.49416
9	Cr2677	.39022	-.00014	.00428	.00023	.52152	.51635
10	Cu3247	.37220	-.00022	.01027	.00041	.51737	.49423
11	Fe2714	18.842	-.00438	.04746	198.75	99.621	24.932
12	K_7664	18.609	.00287	.44749	.01044	.00934	24.747
13	Mg2790	18.821	-.00026	.19178	515.21	504.87	24.883
14	Mn2576	.38284	.00001	.00309	.00169	.49578	.50738
15	Mo2020	.37507	.00089	.00973	.00318	.00008	.49464
16	Na3302	18.457	-.03654	1.0357	-.05246	-.08482	24.453
17	Ni2316	.38136	-.00039	.00991	-.00023	.96164	.50385
18	2203/1	.37777	.00177	.00514	.00925	.05924	.50037
19	2203/2	.38129	-.00263	.00438	-.00594	.04622	.50235
20	Sb2068	.38641	.00073	.01913	-.00194	.64234	.50481
21	1960/1	.37273	.00443	.01943	.00498	.04338	.50026
22	1960/2	.38085	.00118	.01404	-.00907	.05032	.50012
23	Ti3372	.38661	.00011	.00505	.00156	.00341	.51384
24	Tl1908	.38144	.00520	.02129	-.01025	.09008	.50443
25	V_2924	.37525	-.00084	.00476	-.00088	.50873	.49842
26	Zn2062	Q.42420	L-.02702	L-.01466	Q-.03074	1.0514	.53911
27	Sn1899	.37914	.00139	.00727	-.00054	-.00064	.50225
28	Ag3280	.36968	-.00083	.00207	-.00026	.21685	.49138
29	*Y	3981.71	3974.96	4012.54	3666.3	3672.41	3951.64
30	PB2203	.38012	-.00116	.00463	-.00088	.05056	.50169
31	SE1960	.37814	.00227	.01584	-.00438	.04801	.50016

#	Element	CCB	AD8'7/PB	AD8'6/FB	AD836607	AD836608	AD836609
1	Al3082	-.01690	.01659	10.332	.02261	3.3776	10.006
2	As1890	.00080	-.00076	.20217	.01221	.00628	.01264
3	B_2496	.00062	.00734	.20560	5.7082	.41250	.15791
4	Ba4934	.00000	.00011	.20750	.19817	.13314	.11156
5	Be3130	.00003	-.00005	.20799	.00014	.00012	.00036
6	Ca3179	.01722	.11004	10.526	21.128	133.08	110.17
7	Cd2265	-.00001	.00005	.20665	.00005	.00210	-.00005
8	Co2286	-.00040	-.00022	.19875	.01294	.00195	.00491
9	Cr2677	.00001	.00005	.20744	.01319	.01051	.02653
10	Cu3247	-.00004	-.00032	.20727	.00118	.02440	.01771
11	Fe2714	-.00537	.02510	10.386	.36405	6.2512	20.232
12	K_7664	-.00448	-.00623	10.222	266.96	10.381	5.7946
13	Mg2790	.01224	.01427	10.232	143.98	41.452	106.22
14	Mn2576	.00003	.00023	.20799	.32555	.33421	1.1002
15	Mo2020	.00013	.00059	.21253	.00520	.02655	.01098
16	Na3302	-.20459	.02088	10.250	H858.36	248.98	78.529
17	Ni2316	-.00034	-.00065	.20895	.18488	.00829	.03400
18	2203/1	-.00020	.00199	.20772	.00045	.05098	.00825
19	2203/2	-.00206	-.00204	.20930	-.00127	.04874	.00374
20	Sb2068	.00121	-.00040	.20660	.00430	-.00084	.00029
21	1960/1	.00388	.00590	.20497	.00874	.00680	.00344
22	1960/2	.00023	-.00269	.20808	.00157	-.00185	-.00079
23	Ti3372	.00021	.00030	.20915	.00167	.06572	.16059
24	Tl1908	.00320	.00319	.21163	.00208	.00263	.00047
25	V_2924	-.00059	-.00017	.20834	.00450	.00704	.01632
26	Zn2062	L-.02708	L-.02686	.22011	.03236	.37497	.03472
27	Sn1899	-.00093	-.00123	.21380	.00163	.00086	.00195
28	Ag3280	-.00090	.00007	.05208	.00015	-.00039	-.00006
29	*Y	3984.71	3991.16	3951.71	3697.2	3939.64	3979.5
30	PB2203	-.00144	-.00069	.20878	-.00069	.04948	.00524
31	SE1960	.00145	.00017	.20704	.00396	.00103	.00061

#	Element	AD836610	AD8'1:5)	AD8'0/PS	AD8'1/MS	AD8'2/SD	CCV
1	Al3082	1.9143	.47976	12.054	12.002	12.085	25.047
2	As1890	.00818	.00215	.21804	.21311	.21203	.49031
3	B_2496	.78957	.15544	.97169	.99785	1.0021	.48442
4	Ba4934	.03397	.00746	.23925	.23638	.23857	.50018
5	Be3130	.00004	.00000	.20730	.20410	.20475	.50316
6	Ca3179	77.030	15.128	85.904	88.279	89.049	25.355
7	Cd2265	-.00009	-.00003	.20450	.20048	.20032	.49742
8	Co2286	.00076	-.00044	.20499	.19506	.19466	.49467
9	Cr2677	.00296	.00063	.20706	.20472	.20478	.51767
10	Cu3247	.00168	.00018	.21577	.20430	.20479	.49517
11	Fe2714	3.0659	.62459	13.344	13.321	13.325	24.906
12	K_7664	11.841	2.1945	22.450	22.611	22.767	24.846
13	Mg2790	60.142	11.769	69.638	71.558	71.929	25.033
14	Mn2576	.15128	.03036	.35609	.35943	.36017	.50679
15	Mo2020	.03434	.00634	.24149	.24469	.24547	.49546
16	Na3302	140.72	27.715	147.79	152.02	153.34	24.537
17	Ni2316	.00271	.00007	.20643	.20427	.20535	.50507
18	2203/1	.00231	.00213	.20381	.20164	.20029	.50479

#	Element	AD836610	AD8'1:5)	AD8'0/PS	AD8'1/MS	AD8'2/SD	CCV
19	2203/2	-.00113	-.00314	.20210	.20024	.20111	.50658
20	Sb2068	.00355	-.00475	.20554	.20552	.20417	.51301
21	1960/1	.00671	.00551	.20072	.19527	.20384	.49364
22	1960/2	-.00005	-.00036	.20706	.20196	.20066	.50541
23	Ti3372	.05070	.01884	.26011	.25516	.25613	.51775
24	Tl1908	-.00075	.00132	.20085	.20270	.20450	.50429
25	V_2924	.00301	.00059	.21194	.21033	.21014	.49937
26	Zn2062	L-.01666	L-.02490	.20827	.21118	.21113	.54133
27	Sn1899	-.00096	-.00151	.09684	.21304	.21265	.50367
28	Ag3280	-.00083	-.00092	.05050	.05176	.05160	.49061
29	*Y	3947.55	3943.01	3915.3	3928.43	3913.54	3901.58
30	PB2203	.00001	-.00138	.20267	.20071	.20084	.50598
31	SE1960	.00220	.00159	.20494	.19973	.20172	.50148

#	Element	CCB	AD836613	AD836614	AD836615	AD836616	AD836617
1	Al3082	-.02118	41.741	1.1387	33.975	.04681	.01760
2	As1890	.00019	.02599	.00783	.02322	.06863	.00209
3	B_2496	.00203	.10263	.56375	.15453	.08614	.15845
4	Ba4934	-.00002	.38571	.02990	1.1124	.00141	.02056
5	Be3130	.00012	.00200	.00004	.00178	-.00008	.00025
6	Ca3179	.00911	371.95	31.788	422.17	.95203	336.61
7	Cd2265	.00004	.00042	-.00005	.00403	.00000	-.00024
8	Co2286	-.00014	.03322	.00013	.02159	-.00001	.01249
9	Cr2677	.00009	.08102	.00344	.11543	.00144	.00087
10	Cu3247	-.00024	.13580	.00128	.10650	.00269	-.00062
11	Fe2714	-.00076	79.480	1.6413	54.665	.27937	211.44
12	K_7664	-.00344	17.076	5.9482	28.511	.05459	16.941
13	Mg2790	.00509	115.26	16.965	156.66	.14291	135.16
14	Mn2576	.00009	4.4306	.07829	1.7204	.00249	H30.224
15	Mo2020	.00005	.01138	.03799	.02654	.00033	.00198
16	Na3302	-.09993	80.842	88.411	120.20	.24921	13.213
17	Ni2316	-.00011	.08342	.00150	.07191	.00840	.01253
18	2203/1	-.00116	.02482	.00010	.13268	.00038	-.00119
19	2203/2	-.00046	.02407	.00090	.13254	-.00108	-.00354
20	Sb2068	.00039	-.00230	-.00098	.00280	.14407	.00295
21	1960/1	-.00191	.00439	.00178	.01193	.00513	-.00409
22	1960/2	-.00227	-.00543	.00322	-.00213	.00134	-.00567
23	Ti3372	.00000	.89074	.03254	.67133	.00327	.00082
24	Tl1908	.00293	-.00230	.00031	-.00134	.00119	L-.01242
25	V_2924	-.00015	.09184	.00216	.08500	.00453	-.00121
26	Zn2062	L-.02699	.25014	L-.01942	2.2338	L-.00561	L-.00852
27	Sn1899	-.00023	.00498	-.00018	.00803	.00072	.00199
28	Ag3280	-.00076	-.00070	-.00058	.00037	-.00033	.00027
29	*Y	3909.41	4098.49	3925.91	3908.89	3988.65	3814.43
30	PB2203	-.00070	.02432	.00064	.13259	-.00059	-.00275
31	SE1960	-.00215	-.00215	.00274	.00255	.00260	-.00514

#	Element	AD836618	AD836619	AD836620	AD836621	AD836622	CCV
1	Al3082	.25148	-.00979	.03412	.61217	-.01243	25.061
2	As1890	.00086	-.00036	.00167	-.00154	-.00209	.48942
3	B_2496	.46597	.48875	.06574	.08581	.30587	.48487
4	Ba4934	.02014	.00797	.03480	.01730	.03120	.49775
5	Be3130	.00008	.00013	.00022	.00031	.00020	.50391
6	Ca3179	21.647	8.3405	347.73	310.61	137.35	25.395
7	Cd2265	-.00011	-.00004	-.00012	-.00003	-.00015	.49984
8	Co2286	-.00102	-.00022	.00352	.10401	.00001	.49601
9	Cr2677	-.00010	-.00002	.00044	-.00034	.00012	.51944
10	Cu3247	.00039	.00028	.00006	-.00004	-.00047	.49407
11	Fe2714	.19605	.02080	1.0312	5.3391	.30102	25.048
12	K_7664	5.5449	3.6238	3.1426	6.6321	6.0562	24.951
13	Mg2790	7.0901	3.1738	72.297	178.35	45.497	25.204
14	Mn2576	.07150	.00985	8.5922	H66.315	.08497	.51119
15	Mo2020	.00930	.00058	.00021	-.00011	-.00002	.49678
16	Na3302	H598.91	H651.64	16.297	16.507	42.018	24.724
17	Ni2316	.00108	-.00044	.00975	.14555	.00032	.50610
18	2203/1	.00279	.00150	.00180	-.00273	.00119	.50854
19	2203/2	-.00360	-.00088	-.00215	-.00190	-.00153	.50959
20	Sb2068	-.00150	-.00106	-.00046	-.00003	-.00115	.50883
21	1960/1	.00886	.00529	-.00291	-.00085	.00439	.50173
22	1960/2	.00007	-.00158	-.00361	-.00346	.00085	.50522
23	Ti3372	.00566	.00029	.00116	.00437	.00031	.51642
24	Tl1908	.00176	.00478	.00079	.00085	-.00045	.50179
25	V_2924	-.00062	-.00008	-.00135	.00013	-.00050	.50133
26	Zn2062	L-.02425	L-.02601	L-.02713	.01267	L-.02750	.54480
27	Sn1899	-.00047	-.00056	-.00094	-.00126	-.00036	.50575
28	Ag3280	-.00080	-.00052	-.00141	.00025	-.00053	.49165
29	*Y	3801.68	3748.88	3822.9	3807.41	3833.59	3845.55
30	PB2203	-.00147	-.00009	-.00083	-.00218	-.00062	.50924
31	SE1960	.00300	.00070	-.00338	-.00259	.00203	.50405

#	Element	CCB	AD836623	AD836624	AD836625	AD8'1:5)	AD8'5/PB
1	Al3082	-.00199	.00365	.24375	.14373	.00358	-.00813
2	As1890	.00034	.01190	.00171	.00097	.00211	-.00108
3	B_2496	.00139	.12655	.34337	.36120	1.1088	.00624
4	Ba4934	.00006	.13757	.32189	.36247	.04033	.00011
5	Be3130	.00027	.00016	.00014	.00012	.00012	.00003
6	Ca3179	.02723	120.12	89.251	94.984	4.2496	.07097
7	Cd2265	.00008	-.00007	-.00008	-.00014	-.00001	-.00013
8	Co2286	-.00010	.00010	.00085	.00097	.00204	-.00053
9	Cr2677	-.00020	.00053	.00088	.00086	.00269	-.00016
10	Cu3247	-.00010	-.00072	.00059	.00023	-.00012	.00009
11	Fe2714	.01084	10.175	7.2952	6.2985	.06182	.00051
12	K_7664	-.02402	13.774	12.567	14.825	55.462	.00355
13	Mg2790	.01878	45.091	61.980	66.602	28.326	-.00079
14	Mn2576	.00087	.24925	.05402	.04628	.06524	-.00005
15	Mo2020	.00011	.00361	.00198	.00160	.00069	-.00044
16	Na3302	.01856	123.92	82.824	93.710	201.38	-.05193
17	Ni2316	-.00028	.00148	.00332	.00408	.03662	-.00025
18	2203/1	.00170	.00099	.00215	.00166	.00208	.00151

#	Element	CCB	AD836623	AD836624	AD836625	AD8'1:5)	AD8'5/PB
19	2203/2	-.00088	-.00157	-.00158	-.00231	-.00249	-.00155
20	Sb2068	-.00411	-.00001	-.00198	.00095	.00248	-.00148
21	1960/1	.00231	.00525	.00334	.00505	.00219	.00022
22	1960/2	-.00432	-.00129	-.00044	-.00121	-.00055	-.00199
23	Ti3372	.00035	.00012	.00432	.00397	.00064	.00040
24	Tl1908	.00431	.00130	.00179	.00140	.00432	.00146
25	V_2924	-.00072	-.00052	-.00021	-.00033	.00021	-.00055
26	Zn2062	L-.02682	L-.02807	L-.02293	L-.02548	L-.01586	L-.02623
27	Sn1899	-.00031	-.00084	-.00002	-.00015	.00261	-.00200
28	Ag3280	-.00097	-.00020	-.00043	-.00045	-.00026	-.00054
29	*Y	3904.24	3834.3	3842.4	3845.1	3809.74	3944.7
30	PB2203	-.00002	-.00072	-.00033	-.00099	-.00096	-.00053
31	SE1960	-.00211	.00088	.00082	.00087	.00036	-.00125

#	Element	AD8'4/FB	AD836994	AD836995	AD836996	AD836997	CCV
1	Al3082	9.9966	.17319	.10053	.38848	6.4794	25.038
2	As1890	.19707	.00717	.00131	.00066	.01211	.48732
3	B_2496	.20106	.01764	.01615	.03506	.06158	.48488
4	Ba4934	.20013	.01285	.05108	.72644	.04325	.49942
5	Be3130	.20139	.00012	.00008	.00014	.00025	.50309
6	Ca3179	10.189	86.380	69.117	165.43	30.927	25.332
7	Cd2265	.20152	-.00029	-.00022	-.00013	-.00010	.49978
8	Co2286	.19284	.00960	.00451	.00026	.00260	.49716
9	Cr2677	.20201	.00175	.00087	.00254	.00728	.52013
10	Cu3247	.19999	.00010	-.00023	.00109	.00978	.49496
11	Fe2714	10.122	99.407	75.147	73.487	6.7615	25.008
12	K_7664	9.9983	.37799	1.8682	2.7984	2.1576	24.981
13	Mg2790	10.009	21.721	16.349	28.781	11.928	25.209
14	Mn2576	.20350	2.9631	2.0682	.41387	.22428	.51211
15	Mo2020	.20666	.00139	.00113	.00081	.00223	.49808
16	Na3302	10.054	12.617	7.5122	2.8027	28.346	24.711
17	Ni2316	.20225	.00096	.00076	.00043	.00597	.50475
18	2203/1	.20247	.00094	.00112	.00083	.00379	.50434
19	2203/2	.20054	-.00112	-.00206	-.00029	.00279	.50908
20	Sb2068	.19864	.00029	-.00121	-.00020	-.00190	.50850
21	1960/1	.20436	.00122	.00621	.00766	.00631	.49881
22	1960/2	.19865	-.00475	.00114	-.00087	-.00002	.50252
23	Ti3372	.20343	.00903	.00430	.01167	.17348	.51787
24	Tl1908	.20536	-.00432	-.00357	-.00010	.00318	.50582
25	V_2924	.20349	.00023	.00091	.00008	.01032	.50257
26	Zn2062	.21065	L-.01638	L-.02098	L-.02226	L-.00789	.53804
27	Sn1899	.20707	.00136	.00090	.00067	.00089	.50229
28	Ag3280	.05102	-.00055	-.00034	-.00045	-.00063	.49310
29	*Y	3933	3915.79	3937.95	3925.73	3978.3	3908.03
30	PB2203	.20118	-.00043	-.00100	.00008	.00312	.50751
31	SE1960	.20055	-.00276	.00283	.00197	.00209	.50128

#	Element	CCB	AD836998	AD836999	AD837000	AD837001	AD837002
1	Al3082	.09480	.26973	1.8503	.10721	.07515	.45866
2	As1890	-.00020	.00066	.00041	.00101	-.00034	.00053
3	B_2496	.00152	.01899	.02443	.04352	.05322	.03617
4	Ba4934	.00015	.07184	.06223	.84932	.90420	.82134
5	Be3130	.00022	.00008	.00013	.00015	.00014	.00014
6	Ca3179	.01047	85.811	140.94	208.76	193.39	232.27
7	Cd2265	.00019	.00006	-.00017	-.00025	-.00030	.00011
8	Co2286	-.00046	.00081	.00193	.00064	.00007	.00099
9	Cr2677	.00032	.00155	.00133	.00258	.00640	.00529
10	Cu3247	.00019	.00019	.00086	.00048	.00005	.00137
11	Fe2714	.00318	23.165	2.1944	102.17	94.444	116.22
12	K_7664	.00459	1.9968	3.0870	2.4622	3.9979	4.0770
13	Mg2790	.01049	11.380	22.990	40.186	37.450	36.198
14	Mn2576	.00016	.97604	1.3666	.36902	.23594	.47279
15	Mo2020	.00103	.00143	.00018	.00029	.00020	.00129
16	Na3302	-.12944	105.43	98.178	10.781	9.6164	9.4589
17	Ni2316	.00012	.00090	.00122	.00081	.00005	.00014
18	2203/1	.00156	.00276	.00173	-.00065	.00163	.00558
19	2203/2	-.00361	-.00021	-.00292	-.00017	-.00043	.00183
20	Sb2068	.00040	.00053	-.00111	.00172	-.00182	.00164
21	1960/1	.00448	-.00019	.00324	.00033	.00742	.00318
22	1960/2	-.00494	-.00035	-.00229	-.00252	-.00003	-.00488
23	Ti3372	.00009	.01188	.07566	.00287	.00348	.01715
24	Tl1908	.00304	.00077	.00420	-.00112	-.00274	-.00488
25	V_2924	-.00007	.00068	.00237	.00025	-.00001	.00011
26	Zn2062	L-.02358	L-.01853	L-.01813	L-.02601	L-.02688	L-.01924
27	Sn1899	.00134	.00158	-.00003	.00100	-.00138	-.00035
28	Ag3280	-.00017	-.00012	-.00084	-.00060	-.00090	-.00049
29	*Y	3915.79	3909.86	3933.41	3887.66	3898.54	3892.58
30	PB2203	-.00188	.00077	-.00137	-.00033	.00025	.00308
31	SE1960	-.00179	-.00030	-.00045	-.00156	.00244	-.00219

#	Element	AD837003	AD837004	AD837005	AD837006	CCV	CCB
1	Al3082	.02548	.41685	.01621	-.00268	25.098	.14423
2	As1890	.00205	.00216	.00173	.00284	.48650	-.00233
3	B_2496	.05343	.04403	.04658	.04249	.48570	.00081
4	Ba4934	1.1931	.56766	.86532	.74873	.49994	.00018
5	Be3130	.00010	.00011	.00019	.00010	.50505	.00021
6	Ca3179	187.73	156.04	234.12	203.76	25.403	.00976
7	Cd2265	-.00026	-.00029	-.00021	-.00029	.50111	-.00004
8	Co2286	.00024	.00000	.00037	-.00023	.49838	-.00071
9	Cr2677	.00223	.00223	.00172	.00109	.52085	-.00020
10	Cu3247	-.00035	.00084	.00001	-.00031	.49618	-.00050
11	Fe2714	54.842	59.344	79.309	72.378	25.051	.00053
12	K_7664	4.8768	1.8309	3.0417	1.9839	24.998	-.00868
13	Mg2790	53.395	28.972	34.641	40.455	25.275	.00437
14	Mn2576	.31020	.57271	.20779	.21596	.51260	.00003
15	Mo2020	.00075	.00101	.00027	.00079	.49944	.00029
16	Na3302	15.267	5.6193	11.997	6.2273	24.566	.02312
17	Ni2316	.00037	.00076	-.00003	-.00026	.50646	-.00039
18	2203/1	.00046	.00209	.00088	.00325	.50600	.00158

#	Element	AD837003	AD837004	AD837005	AD837006	CCV	CCB
19	2203/2	-.00170	-.00061	-.00090	-.00307	.50960	-.00157
20	Sb2068	-.00065	-.00063	-.00098	-.00194	.50850	-.00107
21	1960/1	.00365	.00367	.00238	.00728	.50044	.00516
22	1960/2	-.00328	-.00259	.00175	-.00629	.50931	.00230
23	Ti3372	.00248	.01063	.00099	.00090	.51873	.00032
24	Tl1908	-.00175	-.00421	-.00010	-.00155	.50737	.00607
25	V_2924	-.00017	.00049	-.00010	-.00100	.50229	-.00050
26	Zn2062	L-.02500	L-.02390	L-.02800	L-.02856	.54025	L-.02343
27	Sn1899	.00109	.00087	-.00056	.00246	.50455	-.00125
28	Ag3280	-.00038	-.00045	-.00051	-.00035	.49383	-.00079
29	*Y	3924.71	3909.19	3868.91	3886.31	3923.29	3926.96
30	PB2203	-.00098	.00028	-.00031	-.00096	.50840	-.00052
31	SE1960	-.00097	-.00050	.00196	-.00177	.50635	.00326

#	Element	AD837007	AD8'1:5)	AD8'7/PS	AD8'8/MS	AD8'9/SD	AD837010
1	Al3082	.01408	-.01755	10.230	10.211	10.265	.00056
2	As1890	.00217	-.00057	.20486	.20364	.20445	.00127
3	B_2496	.03389	.00705	.23382	.23100	.23092	.03293
4	Ba4934	.90823	.18181	1.0983	1.1026	1.1083	.88743
5	Be3130	.00027	.00008	.20772	.20505	.20512	.00012
6	Ca3179	199.32	39.500	206.58	206.66	207.22	200.85
7	Cd2265	-.00014	-.00017	.20349	.19960	.19948	-.00024
8	Co2286	.00055	-.00039	.20421	.19443	.19488	.00046
9	Cr2677	.00177	.00038	.20788	.20597	.20607	.00169
10	Cu3247	-.00012	-.00037	.20513	.20640	.20726	-.00012
11	Fe2714	93.345	18.779	101.97	101.89	102.05	91.089
12	K_7664	3.4576	.62722	14.092	14.060	14.037	3.3755
13	Mg2790	36.263	7.1627	46.215	45.954	45.999	34.819
14	Mn2576	.40920	.08199	.60932	.60892	.60915	.42340
15	Mo2020	.00217	.00077	.20854	.21159	.21110	.00079
16	Na3302	7.9152	1.6247	17.853	17.806	17.770	7.5668
17	Ni2316	.00034	-.00012	.20332	.20186	.20275	-.00007
18	2203/1	-.00041	.00398	.20459	.20270	.20047	.00081
19	2203/2	-.00145	-.00299	.20231	.20274	.20088	-.00007
20	Sb2068	.00210	-.00045	.20774	.20695	.20899	.00460
21	1960/1	-.00022	.00195	.20576	.20901	.20354	.00483
22	1960/2	-.00042	-.00114	.20627	.20080	.20194	-.00238
23	Ti3372	.00126	.00051	.20887	.20827	.20872	.00066
24	Tl1908	-.00093	.00031	.20348	.20195	.20046	-.00546
25	V_2924	-.00019	.00002	.20907	.20848	.20825	.00001
26	Zn2062	L-.02795	L-.02780	.19655	.20237	.20007	L-.02748
27	Sn1899	.00041	.00077	.09750	.20825	.20773	.00060
28	Ag3280	.00049	.00022	.05182	.05176	.05227	-.00055
29	*Y	3870.15	3883.09	3913.2	3891.19	3885.08	3877.12
30	PB2203	-.00110	-.00066	.20307	.20273	.20075	.00021
31	SE1960	-.00036	-.00011	.20610	.20354	.20247	.00001

#	Element	AD837011	AD837012	AD837013	CCV	CCB	STD BLK
1	Al3082	.00594	.20359	.00347	24.966	.16197	.1782
2	As1890	.00110	-.00137	.00393	.48519	.00033	.00756
3	B_2496	.03632	.02051	.03283	.48659	.00011	.02937
4	Ba4934	.76014	.10708	.90278	.50000	.00021	.0014
5	Be3130	.00012	.00004	.00012	.50066	.00011	.29309
6	Ca3179	199.44	139.07	204.87	25.227	.01113	.01531
7	Cd2265	-.00037	-.00012	-.00032	.49737	-.00002	.0014
8	Co2286	-.00012	.00000	.00044	.49565	-.00021	-.00102
9	Cr2677	.00156	.00079	.00201	.51845	.00006	.00267
10	Cu3247	-.00003	.00145	-.00006	.49417	-.00034	.02003
11	Fe2714	84.834	32.668	92.974	24.912	.00443	0
12	K_7664	3.0039	9.8871	3.4444	24.997	.00495	-.08653
13	Mg_2790	33.521	22.699	35.574	25.079	.00478	.00307
14	Mn2576	.39586	.65133	.43091	.50955	.00006	.00165
15	Mo2020	.00122	.00001	.00032	.49742	.00161	.00536
16	Na3302	5.1206	9.5147	7.6535	24.642	.03089	.00204
17	Ni2316	.00015	-.00012	-.00048	.50195	-.00040	-.03394
18	2203/1	.00363	.00047	.00033	.50351	.00617	-.01516
19	2203/2	-.00249	-.00021	.00050	.50568	-.00392	.00199
20	Sb2068	.00107	.00026	.00033	.51012	-.00058	-.0067
21	1960/1	.00915	.00578	-.00201	.49816	.01117	-.02706
22	1960/2	-.00382	.00104	-.00174	.50730	-.00898	.02308
23	Ti3372	.00110	.00097	.00070	.51714	.00059	.0683
24	Tl1908	-.00286	-.00089	-.00378	.50367	.00460	-.0068
25	V_2924	-.00051	-.00029	-.00038	.50201	-.00059	.00165
26	Zn2062	L-.02793	L-.01911	L-.02744	.53485	L-.02335	.06816
27	Sn1899	-.00054	.00013	-.00117	.50246	-.00016	-.02301
28	Ag3280	-.00033	-.00050	-.00068	.49251	.00001	-.00165
29	*Y	3904.58	3931.8	3893.89	3900.6	3948.38	3916.84
30	PB2203	-.00045	.00001	.00044	.50496	-.00056	
31	SE1960	.00050	.00262	-.00183	.50424	-.00226	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	8.54729	42.1927	84.4305	50.511	18.911	L-.05581
2	As1890	.72796	3.62341	7.19786	1.0083	.37450	.00002
3	B_2496	1.4597	7.2879	14.618	1.0095	.37115	.00058
4	Ba4934	4.31306	21.4763	42.7479	.99939	.37749	-.00002
5	Be3130	7.85928	37.9277	74.7415	.99994	.38114	.00005
6	Ca3179			64.1719	50.480	19.096	.00029
7	Cd2265	12.5679	62.0225	123.173	.99731	.37765	-.00006
8	Co2286	.72301	3.62088	7.20568	1.0012	.37521	-.00035
9	Cr2677	2.00755	10.0003	19.8971	.99917	.39104	.00031
10	Cu3247	.88463	4.37212	8.69694	1.0087	.37581	-.00048
11	Fe2714	1.95006	9.7046	19.3269	50.016	18.890	.00799
12	K_7664			71.7333	50.041	18.678	-.01468
13	Mg_2790			121.368	50.228	18.940	.00044
14	Mn2576	1.41664	7.04473	14.029	.99962	.38403	.00005
15	Mo2020	1.22346	6.09965	12.2177	1.0080	.38058	.00086
16	Na3302			3.20709	50.280	18.853	-.05492
17	Ni2316	5.30616	26.3948	52.2825	.99927	.38429	.00037
18	2203/1	1.64343	8.27666	16.3418	1.0049	.38670	-.00128

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
19	2203/2	1.70565	8.30404	16.4257	.98964	.38106	.00119
20	Sb2068	.40347	2.04801	4.09071	1.0038	.38439	.00201
21	1960/1	.42276	2.41822	4.84383	1.0498	.40023	-.00306
22	1960/2	.89256	4.37575	8.71344	1.0087	.38503	.00448
23	Ti3372	5.45935	26.8697	53.3975	.99886	.38976	-.00001
24	Tl1908	.47377	2.43564	4.86543	1.0183	.39090	.00087
25	V_2924	.30126	1.49786	2.98664	.99829	.37731	.00025
26	Zn2062	.26408	1.27679	2.52847	1.0874	Q.42868	L-.02794
27	Sn1899	2.22488	11.4445	22.9138	1.0150	.38195	.00130
28	Ag3280	1.5651	7.88838	15.8071	1.0066	.37014	-.00022
29	*Y	3913.46	3890.21	3870.9	3914.4	3915.04	3929.59
30	PB2203				.99473	.38294	.00037
31	SE1960				1.0224	.39010	.00196

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'6/PB
1	Al3082	.13837	519.49	519.20	24.851	.13885	.06090
2	As1890	.00902	-.00404	.09800	.49222	.00059	-.00113
3	B_2496	.02119	.00012	.00794	.48735	.00141	.00471
4	Ba4934	.00212	.00093	.52419	.49463	.00001	.00000
5	Be3130	.00205	.00097	.51412	.50166	.00005	-.00004
6	Ca3179	.48351	515.64	514.03	25.229	.01183	.07316
7	Cd2265	.00092	-.00099	.98454	.49745	.00003	-.00004
8	Co2286	.00383	.00002	.49040	.49502	.00019	-.00028
9	Cr2677	.00452	.00046	.52028	.51607	.00021	.00033
10	Cu3247	.00960	-.00060	.52162	.49462	-.00038	-.00113
11	Fe2714	.05139	197.85	99.594	24.912	.00965	.01424
12	K_7664	.44878	.00802	.01232	24.736	-.01236	.00946
13	Mg2790	.19624	512.50	503.55	24.980	.01212	.01828
14	Mn2576	.00308	.00179	.49538	.50635	.00013	.00014
15	Mo2020	.01044	.00189	.00179	.49601	.00013	.00022
16	Na3302	.96919	-.06857	-.16749	24.611	-.01909	-.11602
17	Ni2316	.00985	-.00045	.96229	.50452	.00012	-.00082
18	2203/1	.00654	.01648	.06384	.50339	.00003	.00390
19	2203/2	.00593	-.00557	.04580	.50353	.00040	.00045
20	Sb2068	.02547	.00506	.64077	.50532	.00409	.00181
21	1960/1	.02270	.00763	.06293	.52054	.00436	.00475
22	1960/2	.01456	-.01240	.04823	.51416	-.00220	-.00261
23	Ti3372	.00523	.00166	.00331	.51271	.00000	.00032
24	Tl1908	.01966	-.01868	.08677	.51377	.00017	-.00080
25	V_2924	.00538	-.00079	.50842	.49660	-.00051	-.00025
26	Zn2062	L-.01521	Q-.03213	1.0557	.53791	L-.02404	L-.02621
27	Sn1899	.01162	.00205	.00241	.50524	.00050	.00220
28	Ag3280	.00340	.00081	.21685	.48902	.00010	.00049
29	*Y	3916.88	3596.06	3613.2	3910.99	3927.38	3922.05
30	PB2203	.00614	.00177	.05181	.50348	.00028	.00160
31	SE1960	.01727	-.00572	.05313	.51628	-.00001	-.00015

#	Element	AD8'5/FB	AD836563	AD836564	AD836565	AD836566	AD836567
1	Al3082	10.294	.00118	2.1201	.03414	.35894	.01697
2	As1890	.20420	.00177	.00942	.03360	.01253	.03213
3	B_2496	.20395	1.5026	4.2930	4.5428	6.9267	.93196
4	Ba4934	.20692	.21750	.28721	1.2138	.04369	.03305
5	Be3130	.20675	-.00004	.00002	.00017	.00004	-.00008
6	Ca3179	10.566	177.50	238.53	97.948	236.63	24.451
7	Cd2265	.20552	.00000	.00190	-.00020	-.00025	.00016
8	Co2286	.19774	.02538	.03507	.03268	.00068	.00221
9	Cr2677	.20644	.00476	.00855	.01594	.00118	.00125
10	Cu3247	.20764	.00305	.01878	-.00022	.00087	.01120
11	Fe2714	10.460	.83646	2.7016	2.9589	31.012	3.2005
12	K_7664	10.196	146.25	265.00	329.84	13.034	44.817
13	Mg2790	10.223	167.74	247.31	107.75	90.502	9.0790
14	Mn2576	.20955	3.4872	2.3687	.59112	2.8375	.26416
15	Mo2020	.21224	.00123	.00419	.00536	.00110	.00168
16	Na3302	10.347	H838.87	H951.44	H1089.5	57.171	35.650
17	Ni2316	.20752	.11255	.11862	.26506	.00181	.00605
18	2203/1	.20647	.00072	.00963	.00659	.00223	.00298
19	2203/2	.20604	.00077	.00527	-.00209	.00116	-.00062
20	Sb2068	.20613	.00572	.00392	.00833	.00167	.00260
21	1960/1	.21531	.00356	.00966	.01075	.00041	.00105
22	1960/2	.20423	.00512	.00575	.00289	-.00401	-.00035
23	Ti3372	.21038	.00188	.01973	.00722	.01386	.00399
24	Tl1908	.20874	.00016	.00097	-.00251	-.00391	-.00169
25	V_2924	.20755	.00032	.00237	.00591	.00126	.00249
26	Zn2062	.20886	L-.01530	.05657	L-.02159	L-.02233	L-.01588
27	Sn1899	.21273	.00324	.00497	.00295	.00191	.00402
28	Ag3280	.05219	.00056	.00010	.00070	.00052	.00007
29	*Y	3918.19	3736.54	3705.38	3590.29	3892.58	3931.84
30	PB2203	.20618	.00076	.00672	.00079	.00152	.00057
31	SE1960	.20792	.00460	.00705	.00551	-.00253	.00011

#	Element	AD836568	AD836569	AD836570	CCV	CCB	AD836571
1	Al3082	.13704	L-.04546	.02383	25.064	-.03953	-.03601
2	As1890	.00998	.01957	-.00144	.49228	-.00100	-.00135
3	B_2496	1.8917	3.1921	.11175	.48971	.00277	.10079
4	Ba4934	.13915	.17058	.03487	.50059	-.00006	.02419
5	Be3130	.00000	-.00002	.00004	.50485	.00010	.00009
6	Ca3179	81.073	28.260	131.41	25.382	.00510	113.65
7	Cd2265	-.00003	.00006	.00068	.49696	-.00013	-.00006
8	Co2286	.00535	-.00016	-.00005	.49501	-.00007	-.00002
9	Cr2677	.00534	.00100	.00513	.51587	.00001	.00066
10	Cu3247	.00703	.00350	.00066	.49871	-.00064	.00053
11	Fe2714	14.864	.01772	2.9784	24.926	.00246	.02751
12	K_7664	49.320	38.265	8.7979	24.889	-.00108	9.5636
13	Mg2790	62.939	41.502	32.797	25.062	.00234	30.610
14	Mn2576	1.2895	.00633	.12586	.50583	.00004	.01647
15	Mo2020	.00160	.00836	.00235	.49769	-.00017	.00142
16	Na3302	127.62	105.04	175.39	24.597	-.11435	179.05
17	Ni2316	.02346	.00081	.00114	.50690	.00005	.00101
18	2203/1	.00161	.00320	.00352	.50495	.00002	.00256

#	Element	AD836568	AD836569	AD836570	CCV	CCB	AD836571
19	2203/2	.00284	.00156	.00144	.50316	.00316	-.00080
20	Sb2068	.00211	.00273	.00197	.50519	.00072	.00258
21	1960/1	.00761	.00782	.00623	.52678	.00329	.00997
22	1960/2	-.00203	-.00189	-.00202	.51036	.00052	.00082
23	Ti3372	.00761	.00067	.00225	.51841	-.00004	.00128
24	Tl1908	-.00255	-.00178	.00089	.51083	-.00438	.00329
25	V_2924	.00529	.00328	-.00034	.49826	.00000	.00049
26	Zn2062	L-.01905	L-.02541	L-.00883	.53765	L-.00680	L-.02775
27	Sn1899	.00093	-.00077	-.00019	.50593	.00063	.00156
28	Ag3280	.00001	-.00036	.00014	.48857	-.00024	.00082
29	*Y	3871.91	3876.64	3853.12	3846.34	3876.75	3812.55
30	PB2203	.00243	.00211	.00213	.50375	.00212	.00031
31	SE1960	.00118	.00134	.00072	.51583	.00145	.00387

#	Element	AD8'1:5)	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD836574	AD836575
1	Al3082	-.00908	9.9978	10.395	10.314	-.00412	-.00088
2	As1890	-.00176	.20543	.20791	.20842	-.00010	-.00201
3	B_2496	.02209	.29613	.30369	.30586	.07488	.14858
4	Ba4934	.00612	.22463	.23083	.23203	.04054	.05464
5	Be3130	.00001	.20525	.20796	.20895	.00008	.00007
6	Ca3179	22.284	121.48	126.10	127.75	95.967	130.55
7	Cd2265	-.00024	.20287	.20350	.20505	-.00004	-.00018
8	Co2286	-.00025	.20157	.19675	.19852	.00261	.00024
9	Cr2677	.00035	.20381	.20657	.20774	.18681	.05416
10	Cu3247	-.00045	.20176	.20841	.21008	.00393	.00160
11	Fe2714	.01291	10.256	10.372	10.456	1.5267	.91600
12	K_7664	1.6918	20.262	20.798	20.953	10.155	13.989
13	Mg2790	5.9696	40.460	41.599	42.119	31.234	34.181
14	Mn2576	.00321	.22118	.23633	.25129	.03467	.02421
15	Mo2020	.00020	.20924	.21505	.21702	.00318	.00183
16	Na3302	35.523	184.89	191.33	193.48	203.96	181.77
17	Ni2316	.00003	.20200	.20628	.20728	.14778	.02485
18	2203/1	.00226	.20561	.20379	.20618	-.00003	.00441
19	2203/2	-.00090	.19593	.20420	.20310	.00169	-.00168
20	Sb2068	.00524	.20538	.21165	.20796	.00297	.00578
21	1960/1	.00866	.21692	.21694	.21670	.00247	.00941
22	1960/2	-.00026	.19796	.20928	.21021	.00453	.00022
23	Ti3372	.00077	.20480	.20904	.21046	.00127	.00238
24	Tl1908	.00182	.20221	.20508	.21093	-.00072	-.00273
25	V_2924	.00044	.20575	.20893	.21040	.00100	.00004
26	Zn2062	L-.02873	.19888	.20710	.20891	L-.02833	L-.02887
27	Sn1899	.00291	.09874	.21364	.21301	.00140	.00124
28	Ag3280	-.00014	.05125	.05351	.05280	-.00013	.00049
29	*Y	3832.09	3838.16	3804.68	3812.14	3807.04	3816.94
30	PB2203	.00015	.19916	.20406	.20412	.00111	.00034
31	SE1960	.00271	.20428	.21183	.21237	.00384	.00328

#	Element	AD836576	AD836577	AD836578	CCV	CCB	AD836579
1	Al3082	.52825	L-.04127	L-.05070	25.005	-.03491	-.02397
2	As1890	-.00091	-.00090	-.00231	.48986	-.00282	.00031
3	B_2496	.12492	.00596	.00457	.48520	.00088	.12609
4	Ba4934	.05553	.00012	-.00001	.49766	.00014	.03722
5	Be3130	.00021	.00000	-.00002	.50309	.00021	.00007
6	Ca3179	99.151	.07864	.05963	25.298	.00983	92.469
7	Cd2265	-.00012	-.00010	-.00018	.49763	.00004	-.00018
8	Co2286	.00004	-.00039	-.00034	.49494	-.00007	-.00032
9	Cr2677	.01727	.00035	.00012	.51670	.00000	.00015
10	Cu3247	.00276	-.00031	-.00129	.49617	-.00034	-.00118
11	Fe2714	.70141	.01276	-.00150	24.943	.00349	.14136
12	K_7664	4.8157	.01038	.00537	24.933	-.00571	8.0872
13	Mg2790	17.066	.00427	-.00087	25.121	.00495	24.010
14	Mn2576	.03442	.00005	-.00003	.50636	.00010	.26040
15	Mo2020	.00302	.00038	-.00016	.49718	.00052	.00105
16	Na3302	8.4789	.07884	.10255	24.700	.12020	65.308
17	Ni2316	.00590	-.00017	-.00080	.50538	.00008	-.00071
18	2203/1	.00354	-.00024	.00382	.50498	.00158	.00624
19	2203/2	-.00029	-.00021	-.00236	.50430	.00037	-.00284
20	Sb2068	.00062	.00304	.00280	.50370	.00210	.00717
21	1960/1	.00860	.00695	.00591	.52051	.00513	.00905
22	1960/2	.00376	-.00062	-.00017	.51012	.00269	-.00333
23	Ti3372	.01328	.00071	.00030	.51554	.00045	.00102
24	Tl1908	-.00220	.00065	-.00323	.51282	-.00381	-.00196
25	V_2924	.00083	.00009	-.00068	.49704	-.00046	-.00020
26	Zn2062	L-.02549	L-.02803	L-.02860	.53780	L-.00690	L-.02866
27	Sn1899	.00198	-.00044	.00062	.50636	.00217	.00326
28	Ag3280	.00058	.00052	-.00007	.48941	-.00023	.00111
29	*Y	3724.28	3875.14	3885	3817.16	3855.56	3830.93
30	PB2203	.00098	-.00022	-.00030	.50453	.00077	.00018
31	SE1960	.00537	.00190	.00185	.51358	.00350	.00079

#	Element	AD836580	AD836581	AD836582	AD836583	AD836584	AD8':10)
1	Al3082	.38999	.03333	1.4249	.65097	14.205	.01370
2	As1890	.00150	.00121	.19934	.05439	.05888	-.00061
3	B_2496	.11562	.03870	.07605	.03243	.03344	.14430
4	Ba4934	.05210	.14065	.11981	.14358	.22454	.02129
5	Be3130	.00006	.00000	.00005	.00006	.00070	.00005
6	Ca3179	93.379	173.58	42.409	65.229	136.66	17.500
7	Cd2265	-.00007	.00021	-.00026	.00016	.00013	-.00022
8	Co2286	.00046	.00243	.00038	.00130	.00998	.00214
9	Cr2677	.01968	.00162	.00282	.03957	.07977	.00036
10	Cu3247	.00312	.05149	.00113	.00610	.02496	-.00039
11	Fe2714	.63077	4.8659	7.2945	4.4379	23.713	.08049
12	K_7664	4.5270	2.5312	1.6121	1.8785	5.8377	13.874
13	Mg2790	15.954	62.098	33.818	27.772	43.338	16.559
14	Mn2576	.03172	.52475	.08700	.25206	.96789	.35082
15	Mo2020	.00235	.00143	.00626	.00285	.00369	-.00038
16	Na3302	7.9656	319.49	31.893	15.131	14.994	97.406
17	Ni2316	.00624	.02097	.00131	.01993	.05413	.01078
18	2203/1	.00102	.00130	.00768	.00300	.01442	.00363

#	Element	AD836580	AD836581	AD836582	AD836583	AD836584	AD8':10)
19	2203/2	.00143	.00146	.00247	.00311	.01394	-.00143
20	Sb2068	.00381	-.00106	.00133	.00059	.00192	.00215
21	1960/1	.01307	.01007	.00773	.00352	.00298	.00864
22	1960/2	.00924	.00391	-.00413	.00398	-.00159	-.00298
23	Ti3372	.01203	.00428	.03841	.01496	.28183	.00085
24	Tl1908	.00179	-.00086	-.00351	-.00226	-.00133	-.00169
25	V_2924	.00108	.00400	.00207	.00049	.02432	-.00033
26	Zn2062	L-.02581	L-.01495	L-.01833	.01438	.05328	L-.02739
27	Sn1899	.00153	.00120	.00045	.00079	.00203	.00190
28	Ag3280	.00009	.00004	.00037	.00010	.00005	-.00003
29	*Y	3837.86	3820.01	3894.83	3869.7	3870.23	3831.75
30	PB2203	.00130	.00141	.00420	.00307	.01410	.00025
31	SE1960	.01051	.00596	-.00017	.00382	-.00007	.00089

#	Element	AD8':10)	AD8':10)	AD8'4/PB	CCV	CCB	AD8'3/FB
1	Al3082	.16089	L-.06181	.01070	25.140	L-.04054	9.9933
2	As1890	.00059	.00315	.00023	.49023	-.00203	.19728
3	B_2496	.41713	.43538	.00921	.48568	.00071	.20133
4	Ba4934	.02910	.12153	.00004	.50266	.00006	.20088
5	Be3130	.00009	.00001	.00003	.50592	.00013	.20208
6	Ca3179	24.408	9.6853	.08796	25.429	.00653	10.186
7	Cd2265	.00003	-.00005	-.00002	.49695	-.00005	.20145
8	Co2286	.00303	.00315	.00001	.49501	-.00057	.19391
9	Cr2677	.00111	.00183	.00061	.51584	-.00008	.20162
10	Cu3247	.00130	-.00116	-.00071	.49893	-.00087	.20134
11	Fe2714	.26763	.29169	.00980	24.886	-.00485	10.113
12	K_7664	27.370	33.178	-.00279	24.950	.00026	9.9974
13	Mg2790	25.193	10.687	.00299	25.086	.00488	10.016
14	Mn2576	.24379	.05920	.00007	.50563	.00002	.20234
15	Mo2020	.00001	.00141	-.00004	.49685	.00149	.20764
16	Na3302	117.90	136.31	-.05246	24.879	-.01475	10.034
17	Ni2316	.01185	.02589	.00013	.50672	-.00014	.20293
18	2203/1	.00203	.00432	.00124	.50854	.00316	.20471
19	2203/2	.00055	-.00062	.00217	.50379	-.00090	.20132
20	Sb2068	-.00054	.00271	.00411	.50611	.00328	.19904
21	1960/1	.00482	.00754	.00067	.51930	.00837	.20841
22	1960/2	.00081	-.00177	-.00359	.50691	.00060	.20166
23	Ti3372	.00267	.00136	.00033	.51924	.00021	.20340
24	Tl1908	-.00075	-.00439	-.00063	.51021	.00076	.20256
25	V_2924	-.00002	.00045	-.00003	.49676	-.00059	.20231
26	Zn2062	L-.01970	L-.02832	L-.02610	.53566	L-.00700	.20517
27	Sn1899	.00023	.00034	.00076	.50517	-.00032	.21009
28	Ag3280	.00020	.00043	.00020	.49040	.00008	.05164
29	*Y	3780.23	3808.84	3866.36	3774.94	3864	3846.41
30	PB2203	.00104	.00102	.00186	.50537	.00044	.20245
31	SE1960	.00215	.00133	-.00216	.51103	.00319	.20391

#	Element	AD836825	AD836826	AD836827	AD836828	AD836829	AD836830
1	Al3082	-.03915	L-.04428	-.00263	-.03802	-.03974	L-.04107
2	As1890	-.00210	.02396	.07295	.02930	.00445	.00905
3	B_2496	.00853	.06762	.13873	.05530	.05906	.06659
4	Ba4934	.00562	.19681	.42476	.15138	.11761	.10489
5	Be3130	.00005	.00001	.00006	-.00001	.00000	.00000
6	Ca3179	2.3337	58.476	57.790	57.560	54.972	38.056
7	Cd2265	-.00016	-.00004	-.00020	-.00019	-.00011	-.00019
8	Co2286	-.00012	.00069	.00105	.00019	.00115	.00180
9	Cr2677	.00055	.00064	.00096	.00050	.00127	.00011
10	Cu3247	-.00031	-.00038	-.00050	-.00075	.00007	.00027
11	Fe2714	.00418	8.4877	38.527	7.0358	4.1635	11.550
12	K_7664	.45364	1.3469	1.5967	1.0645	1.3781	.99013
13	Mg2790	1.5498	7.4031	5.6917	7.6128	6.9709	5.5164
14	Mn2576	.00186	1.1548	1.8293	.93173	.81917	1.7422
15	Mo2020	.00000	.00137	.00062	.00019	.00004	.00018
16	Na3302	2.1746	2.8181	3.7663	2.1504	2.0283	2.7990
17	Ni2316	.00089	.00032	.00005	-.00013	.00121	.00069
18	2203/1	.00376	.00034	.00247	.00213	-.00136	.00400
19	2203/2	.00105	.00072	.00014	.00077	.00162	.00073
20	Sb2068	.00042	.00538	.00419	.00153	.00101	.00119
21	1960/1	.00045	.00469	-.00325	.00881	.00191	.00502
22	1960/2	.00021	.00228	-.00295	-.00145	.00030	-.00266
23	Ti3372	.00047	.00041	.00086	.00046	.00033	.00053
24	Tl1908	.00303	-.00172	-.00328	-.00185	-.00072	-.00448
25	V_2924	-.00016	.00025	.00017	-.00019	.00015	-.00031
26	Zn2062	L-.01872	L-.02662	L-.02739	L-.02666	L-.02194	L-.02375
27	Sn1899	.00098	.00093	.00220	.00309	.00122	.00234
28	Ag3280	.00017	.00045	.00035	.00023	-.00054	.00033
29	*Y	3846.45	3886.05	3840.68	3917.96	3875.44	3900.86
30	PB2203	.00195	.00059	.00092	.00123	.00063	.00182
31	SE1960	.00029	.00309	-.00305	.00196	.00084	-.00009

#	Element	AD836831	AD836832	AD836833	CCV	CCB	AD8'1:5)
1	Al3082	-.03468	-.03872	-.00540	25.065	L-.04006	L-.05628
2	As1890	.01923	-.00051	-.00251	.49359	-.00090	-.00228
3	B_2496	.01845	.00697	.00589	.48835	.00145	.00102
4	Ba4934	.00468	.00138	.00348	.49921	-.00009	.00076
5	Be3130	.00000	.00000	.00007	.50506	.00016	.00005
6	Ca3179	15.348	2.8304	.94105	25.382	.00587	.19203
7	Cd2265	-.00015	-.00010	-.00021	.49949	.00008	-.00025
8	Co2286	-.00039	-.00019	-.00023	.49721	.00013	-.00129
9	Cr2677	.00037	.00070	.00039	.51695	.00072	-.00009
10	Cu3247	-.00078	-.00004	-.00108	.49717	-.00033	-.00179
11	Fe2714	.16200	.00343	.00115	24.941	.01125	-.01089
12	K_7664	1.4967	.46563	.18548	25.021	-.00553	.02733
13	Mg2790	2.8373	.30056	.19796	25.292	.00149	.03971
14	Mn2576	.13226	.00052	.01991	.50613	.00010	.00391
15	Mo2020	.01130	-.00025	.00001	.49683	.00137	-.00010
16	Na3302	20.940	3.3080	2.1755	24.882	-.02470	.39579
17	Ni2316	-.00040	.00058	-.00082	.50686	.00032	-.00079
18	2203/1	.00335	-.00300	.00257	.50491	-.00147	.00447

#	Element	AD836831	AD836832	AD836833	CCV	CCB	AD8'1:5)
19	2203/2	-.00152	.00193	-.00091	.50292	.00343	-.00115
20	Sb2068	.00397	.00447	.00178	.50501	.00081	-.00032
21	1960/1	.00810	-.00014	.00384	.51668	-.00199	.00806
22	1960/2	-.00157	.00189	-.00122	.51185	.00293	.00062
23	Ti3372	.00053	.00056	.00021	.51712	-.00009	.00027
24	Tl1908	.00009	-.00216	.00275	.51093	-.00026	.00022
25	V_2924	.00001	.00021	-.00077	.49711	.00005	-.00103
26	Zn2062	L-.01687	L-.02741	L-.02583	.53972	L-.00666	L-.02899
27	Sn1899	.00165	.00240	.00195	.50481	.00087	.00109
28	Ag3280	.00061	-.00017	.00006	.49023	-.00039	-.00011
29	*Y	3859.65	3896.25	3864.38	3814.58	3825.83	3848.74
30	PB2203	.00010	.00028	.00024	.50358	.00180	.00072
31	SE1960	.00165	.00121	.00046	.51345	.00129	.00310

#	Element	AD8'3/PS	AD8'4/MS	AD8'5/SD	AD836836	AD836837	AD836838
1	Al3082	10.362	10.192	10.232	.01219	-.02386	L-.04355
2	As1890	.20676	.20312	.20382	-.00187	.00006	.00044
3	B_2496	.20981	.20515	.20669	.00814	.01725	.04252
4	Ba4934	.21272	.20917	.20872	.00403	.02035	.25528
5	Be3130	.20991	.20561	.20680	.00000	-.00004	.00005
6	Ca3179	11.425	11.243	11.309	9.8651	7.7627	116.24
7	Cd2265	.20948	.20431	.20583	-.00016	-.00011	-.00012
8	Co2286	.20778	.19688	.19737	.00103	.00031	.00000
9	Cr2677	.20870	.20489	.20571	.00046	.00078	.00053
10	Cu3247	.20648	.20568	.20571	-.00123	-.00008	.00196
11	Fe2714	10.451	10.275	10.334	.02870	.00639	.01149
12	K_7664	10.592	10.368	10.401	1.2090	.90302	1.5083
13	Mg2790	10.614	10.425	10.505	1.8113	1.1415	37.437
14	Mn2576	.22789	.22558	.22641	.02149	.01001	.00719
15	Mo2020	.20814	.21169	.21100	.00072	.00120	.00498
16	Na3302	12.470	12.200	12.223	6.7241	4.9466	22.921
17	Ni2316	.20935	.20621	.20741	.00630	.00131	.00048
18	2203/1	.20558	.20632	.21039	.00212	.00225	-.00114
19	2203/2	.20993	.20316	.20257	-.00005	-.00052	.00242
20	Sb2068	.20713	.20603	.20597	.00365	.00162	.00365
21	1960/1	.21065	.21618	.21442	.00726	.00578	.00316
22	1960/2	.20777	.20401	.20465	.00111	.00023	.00356
23	Ti3372	.20997	.20719	.20722	.00035	.00024	.00033
24	Tl1908	.20794	.20253	.20675	-.00289	-.00281	-.00182
25	V_2924	.20860	.20486	.20507	-.00055	-.00004	.00044
26	Zn2062	.20820	.20907	.21298	L-.01945	L-.01446	L-.02319
27	Sn1899	.09790	.21400	.21495	.00079	.00201	-.00096
28	Ag3280	.05234	.05252	.05266	.00009	.00010	.00005
29	*Y	3862.58	3862.2	3902.78	3878.06	3909.38	3857.03
30	PB2203	.20848	.20421	.20517	.00066	.00039	.00123
31	SE1960	.20873	.20806	.20791	.00316	.00208	.00343

#	Element	AD836839	CCV	CCB	CRI	ICSA	ICSAB
1	Al3082	-.02417	25.071	.13829	.14456	521.15	521.88
2	As1890	.00123	.49611	.00083	.01076	-.00162	.10131
3	B_2496	.01857	.49050	.00043	.02041	.00088	.00899
4	Ba4934	.19379	.49851	.00000	.00206	.00092	.52909
5	Be3130	.00003	.50395	.00016	.00219	.00111	.51868
6	Ca3179	63.128	25.349	.01039	.49170	520.09	518.47
7	Cd2265	-.00018	.50014	.00000	.00103	-.00077	.99209
8	Co2286	-.00023	.49725	.00000	.00426	.00017	.49436
9	Cr2677	.00023	.51750	.00054	.00508	.00015	.52284
10	Cu3247	.00496	.49740	-.00085	.01001	-.00021	.52480
11	Fe2714	.00617	24.927	.01532	.06163	198.99	100.02
12	K_7664	.98475	25.079	-.01467	.45746	.00360	.00968
13	Mg2790	9.7589	25.291	.00890	.20284	516.85	507.23
14	Mn2576	.00008	.50647	.00010	.00311	.00180	.49715
15	Mo2020	.00283	.49763	.00091	.01045	.00302	.00195
16	Na3302	11.516	24.734	.02639	1.2083	-.10964	.04962
17	Ni2316	.00012	.50768	-.00014	.01028	-.00084	.96846
18	2203/1	.00289	.50697	.00095	.00475	.00881	.06968
19	2203/2	.00011	.50429	.00206	.00532	-.00077	.04409
20	Sb2068	-.00155	.50664	.00053	.02516	.00194	.64169
21	1960/1	-.00223	.51884	.01057	.01946	.00053	.05653
22	1960/2	-.00003	.50851	.00070	.01079	-.00418	.04143
23	Ti3372	.00044	.51628	.00023	.00541	.00172	.00334
24	Tl1908	-.00082	.50999	-.00015	.02310	-.01716	.08688
25	V_2924	.00110	.49666	.00005	.00557	-.00083	.50840
26	Zn2062	.01145	.53988	L-.02422	L-.01519	Q-.03151	1.0646
27	Sn1899	.00234	.50555	.00210	.01013	.00184	-.00023
28	Ag3280	-.00015	.49145	.00006	.00339	.00037	.21965
29	*Y	3838.95	3835.88	3821.62	3852.26	3516.08	3520.28
30	PB2203	.00104	.50518	.00169	.00513	.00241	.05261
31	SE1960	-.00076	.51195	.00399	.01368	-.00261	.04646

#	Element	CCV	CCB
1	Al3082	25.227	-.03952
2	As1890	.49501	-.00228
3	B_2496	.49335	.00067
4	Ba4934	.50559	-.00002
5	Be3130	.51031	.00017
6	Ca3179	25.628	.00663
7	Cd2265	.50408	-.00009
8	Co2286	.50219	-.00034
9	Cr2677	.52253	.00027
10	Cu3247	.50222	-.00073
11	Fe2714	25.142	.00655
12	K_7664	25.196	.00158
13	Mg2790	25.266	.00606
14	Mn2576	.51092	.00007
15	Mo2020	.50124	.00085
16	Na3302	24.864	.00961
17	Ni2316	.51326	-.00079
18	2203/1	.51236	.00342

#	Element	CCV	CCB
19	2203/2	.50846	-.00260
20	Sb2068	.51169	.00058
21	1960/1	.51882	.01003
22	1960/2	.51485	-.00458
23	Ti3372	.52250	.00032
24	Tl1908	.51210	.00222
25	V_2924	.50127	.00045
26	Zn2062	.54378	L-.00669
27	Sn1899	.51152	.00155
28	Ag3280	.49550	.00050
29	*Y	3811.31	3821.62
30	PB2203	.50976	-.00059
31	SE1960	.51617	.00029

Curvefit

Fit Status Summary 05/22/08 11:50:16 AM

page 1

Method: TRACE2

Mode: Concentration

Standards Table: NAKCAMG

Data File: AMAY2208

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
-----	-----	-----	-----	-----
Ca3179	317.933	05/22/08 11:49	Full Fit	1.000000
K_7664	766.491	05/22/08 11:49	Full Fit	.999947
Mg2790	279.078	05/22/08 11:49	Full Fit	.999990
Na3302	330.232	05/22/08 11:50	Full Fit	.999993

Calibration Report

05/22/08 11:18:18 AM

page 1

Method: TRACE2 Standard Name: STD BLK
 Run Time: 05/22/08 11:14:54
 Comment:
 Correction Factor: 1

Operator:

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0415230	-.062716	.0435324	.0105973
SDev	.0031163	.005765	.0068743	.0035485
%RSD	7.505055	9.192900	15.79115	33.48481

#1	.0437266	-.058639	.0386715	.0080882
#2	.0393195	-.066793	.0483932	.0131065

Factor	1.000000	1.000000	1.000000	1.000000
--------	----------	----------	----------	----------

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3962	--	--	--	--	--	--
SDev	7.848954	--	--	--	--	--	--
%RSD	.1981084	--	--	--	--	--	--

#1	3956	--	--	--	--	--	--
#2	3968	--	--	--	--	--	--

Calibration Report

05/22/08 11:22:39 AM

page 1

Method: TRACE2 Standard Name: STD 1

Operator:

Run Time: 05/22/08 11:19:16

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.534646	6.851151	12.63647	.2781595
SDev	.028029	.031944	.02701	.0019636
%RSD	.4289344	.4662565	.2137815	.7059185

#1	6.554465	6.873739	12.65557	.2767711
#2	6.514826	6.828563	12.61737	.2795480

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3965	--	--	--	--	--	--
SDev	17.76606	--	--	--	--	--	--
%RSD	.4480396	--	--	--	--	--	--
#1	3953	--	--	--	--	--	--
#2	3978	--	--	--	--	--	--

Calibration Report

05/22/08 11:28:09 AM

page 1

Method: TRACE2 Standard Name: STD 2

Operator:

Run Time: 05/22/08 11:24:45

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	31.93752	32.60308	63.27070	1.405732
SDev	.17105	.00544	.23134	.005150
%RSD	.5355859	.0166958	.3656305	.3663638

#1	31.81656	32.59923	63.43428	1.402090
#2	32.05847	32.60693	63.10712	1.409373

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3981	--	--	--	--	--	--
SDev	68.41258	--	--	--	--	--	--
%RSD	1.718445	--	--	--	--	--	--

#1	3933	--	--	--	--	--	--
#2	4029	--	--	--	--	--	--

Calibration Report

05/22/08 11:33:40 AM

page 1

Method: TRACE2 Standard Name: STD 3

Operator:

Run Time: 05/22/08 11:30:16

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	63.26761	61.50011	125.3057	2.883175
SDev	.15496	.12134	.3462	.012367
%RSD	.2449238	.1972957	.2762846	.4289333

#1	63.37718	61.58590	125.5505	2.891920
#2	63.15804	61.41431	125.0609	2.874430

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	4018	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.0593980	--	--	--	--	--	--

#1	4019	--	--	--	--	--	--
#2	4016	--	--	--	--	--	--

Calibration Report

05/22/08 11:39:08 AM

page 1

Method: TRACE2 Standard Name: NAKCAMG100

Operator:

Run Time: 05/22/08 11:35:45

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	124.7077	114.2828	252.7488	5.939884
SDev	.8715	.3443	1.1523	.029141
%RSD	.6987971	.3012620	.4558972	.4906046

#1	124.0915	114.0393	251.9340	5.919278
#2	125.3239	114.5262	253.5635	5.960490

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	3959	--	--	--	--	--	--
SDev	2.757820	--	--	--	--	--	--
%RSD	.0696564	--	--	--	--	--	--

#1	3961	--	--	--	--	--	--
#2	3957	--	--	--	--	--	--

Calibration Report

05/22/08 11:48:33 AM

page 1

Method: TRACE2 Standard Name: NAKCAMG400

Operator:

Run Time: 05/22/08 11:45:10

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	470.9285	359.5489	1085.569	26.71090
SDev	3.1624	.6504	1.518	.20314
%RSD	.6715262	.1808984	.1398234	.7605023

#1	473.1646	360.0088	1086.642	26.85454
#2	468.6923	359.0890	1084.496	26.56726

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3770	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.4641931	--	--	--	--	--	--
#1	3758	--	--	--	--	--	--
#2	3783	--	--	--	--	--	--

Method: TRACE2 Standard: STD BLK
 Run Time: 07/01/08 08:29:25

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.05674	.00100	.02720	-.00013	.28955	.01221	-.00679
SDev	.00385	.00183	.01115	.00303	.00001	.00013	.00033
%RSD	6.7795	182.05	40.991	2285.4	.00354	1.0242	4.8046
#1	.05946	-.00029	.01932	.00201	.28954	.01229	-.00703
#2	.05402	.00230	.03509	-.00227	.28955	.01212	-.00656
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00276	.00355	.03033	-.00075	-.10831	-.00024	.00050
SDev	.00426	.01390	.00031	.00213	.01750	.00569	.00036
%RSD	154.36	391.05	1.0206	284.15	16.162	2379.1	71.036
#1	-.00577	-.00627	.03011	-.00226	-.12068	-.00427	.00025
#2	.00025	.01338	.03055	.00076	-.09593	.00379	.00076
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	-.00199	-.00228	-.03186	-.02554	-.00952	.00065	-.01149
SDev	.00853	.00499	.01313	.00007	.02131	.01050	.01731
%RSD	427.77	219.38	41.203	.26289	223.95	1610.9	150.69
#1	-.00803	.00125	-.02258	-.02559	-.02459	-.00677	.00075
#2	.00404	-.00581	-.04115	-.02550	.00555	.00808	-.02373
Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	-.00499	.07032	-.01851	.00076	.00290	-.01904	-.00175
SDev	.02062	.01019	.00762	.00107	.00055	.01948	.00747
%RSD	413.37	14.497	41.141	141.42	18.872	102.29	427.77
#1	-.01957	.07753	-.02390	.00000	.00251	-.00527	-.00703
#2	.00959	.06311	-.01313	.00151	.00328	-.03282	.00353

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3973	--	--	--	--	--	--
SDev	17.23573	--	--	--	--	--	--
%RSD	.4337710	--	--	--	--	--	--
#1	3986	--	--	--	--	--	--
#2	3961	--	--	--	--	--	--

Method: TRACE2 Standard: STD 1
 Run Time: 07/01/08 08:34:50

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.3273	.68125	1.4482	4.0269	7.7495	12.413	.70861
SDev	.0122	.02216	.0160	.0131	.0091	.014	.00036
%RSD	.14618	3.2526	1.1054	.32566	.11746	.11327	.05103
#1	8.3187	.69691	1.4369	4.0361	7.7431	12.403	.70886
#2	8.3359	.66558	1.4595	4.0176	7.7560	12.423	.70835
Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	1.9596	.86506	1.9021	1.3897	1.2110	5.1829	1.6700
SDev	.0039	.00625	.0012	.0024	.0059	.0118	.0022
%RSD	.19920	.72301	.06154	.17477	.49004	.22853	.12921
#1	1.9624	.86948	1.9029	1.3914	1.2068	5.1745	1.6685
#2	1.9569	.86064	1.9012	1.3880	1.2152	5.1913	1.6715
Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.5505	.37568	.49420	.84854	5.1292	.46084	.28759
SDev	.0203	.01037	.00302	.01734	.0156	.00557	.00100
%RSD	1.3077	2.7610	.61036	2.0432	.30464	1.2085	.34822
#1	1.5362	.36835	.49207	.86080	5.1403	.46478	.28830
#2	1.5649	.38302	.49633	.83628	5.1182	.45690	.28688
Elem	Zn2062	Sn1899	Ag3280				
Avge	.25663	2.2521	1.5538				
SDev	.00036	.0129	.0065				
%RSD	.13988	.57068	.41773				
#1	.25638	2.2612	1.5584				
#2	.25688	2.2430	1.5492				

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3908	--	--	--	--	--	--
SDev	10.97794	--	--	--	--	--	--
%RSD	.2808832	--	--	--	--	--	--
#1	3916	--	--	--	--	--	--
#2	3901	--	--	--	--	--	--

Method: TRACE2 Standard: STD 2
 Run Time: 07/01/08 08:39:47

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	41.395	3.4823	7.1712	20.075	37.618	61.383	3.5616
SDev	.057	.0035	.0007	.041	.051	.023	.0012
%RSD	.13734	.09976	.00945	.20557	.13592	.03742	.03459
#1	41.355	3.4847	7.1717	20.046	37.582	61.367	3.5624
#2	41.435	3.4798	7.1707	20.104	37.654	61.400	3.5607
Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	9.8119	4.2686	9.4843	6.8968	5.9828	26.102	8.1283
SDev	.0095	.0041	.0117	.0058	.0432	.030	.0376
%RSD	.09711	.09555	.12297	.08368	.72264	.11329	.46280
#1	9.8052	4.2715	9.4761	6.8927	5.9522	26.123	8.1549
#2	9.8186	4.2657	9.4926	6.9009	6.0134	26.081	8.1017
Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	7.8646	1.9150	2.3940	4.0916	25.287	2.3841	1.4399
SDev	.0030	.0113	.0269	.0082	.010	.0125	.0003
%RSD	.03784	.58766	1.1244	.19935	.04045	.52475	.01963
#1	7.8667	1.9070	2.4131	4.0974	25.294	2.3929	1.4401
#2	7.8625	1.9229	2.3750	4.0858	25.279	2.3752	1.4397
Elem	Zn2062	Sn1899	Ag3280				
Avge	1.2514	11.296	7.7543				
SDev	.0011	.076	.0074				
%RSD	.08526	.67691	.09602				
#1	1.2506	11.242	7.7595				
#2	1.2521	11.350	7.7490				

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3912	--	--	--	--	--	--
SDev	1.750158	--	--	--	--	--	--
%RSD	.0447378	--	--	--	--	--	--
#1	3911	--	--	--	--	--	--
#2	3913	--	--	--	--	--	--

Method: TRACE2 Standard: STD 3
Run Time: 07/01/08 08:44:45

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	83.407	7.0266	14.385	41.044	74.359	63.121	122.00
SDev	.218	.0070	.040	.056	.261	.181	.10
%RSD	.26130	.09947	.27865	.13682	.35086	.28606	.07901
#1	83.561	7.0217	14.356	41.083	74.543	63.249	121.93
#2	83.253	7.0316	14.413	41.004	74.174	62.994	122.07
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.0948	19.539	8.5687	18.812	70.510	119.27	13.719
SDev	.0079	.009	.0329	.017	.259	.16	.014
%RSD	.11090	.04658	.38371	.08833	.36673	.13673	.10079
#1	7.0893	19.533	8.5919	18.801	70.327	119.15	13.709
#2	7.1004	19.546	8.5454	18.824	70.693	119.38	13.729
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	12.020	3.1446	52.048	16.175	15.908	3.9140	4.7783
SDev	.027	.0041	.233	.023	.079	.0114	.0362
%RSD	.22809	.13142	.44768	.14187	.49510	.29233	.75732
#1	12.001	3.1475	52.213	16.159	15.964	3.9059	4.7527
#2	12.039	3.1417	51.883	16.191	15.853	3.9221	4.8038
Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	8.4389	51.529	4.8061	2.8818	2.4822	22.545	15.551
SDev	.0309	.103	.0237	.0007	.0034	.037	.005
%RSD	.36611	.19899	.49209	.02544	.13643	.16279	.03086
#1	8.4608	51.602	4.7894	2.8813	2.4798	22.519	15.548
#2	8.4171	51.457	4.8229	2.8824	2.4846	22.571	15.555

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3895	--	--	--	--	--	--
SDev	11.29610	--	--	--	--	--	--
%RSD	.2900089	--	--	--	--	--	--
#1	3903	--	--	--	--	--	--
#2	3887	--	--	--	--	--	--

Method: TRACE2

Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.603294	-.034108	07/01/08 08:44:45
As1890	189.042	Multiple	Standards	.143719	-.000128	07/01/08 08:44:45
B_2496	249.678	Multiple	Standards	.070073	-.001902	07/01/08 08:44:45
Ba4934	493.409	Multiple	Standards	.024698	.000009	07/01/08 08:44:45
Be3130	313.042	Multiple	Standards	.013436	-.003892	07/01/08 08:44:45
Ca3179	317.933	STD 3	STD BLK	1.00185	.029295	07/01/08 08:44:45
Cd2265	226.502	Multiple	Standards	.008134	.000047	07/01/08 08:44:45
Co2286	228.616	Multiple	Standards	.140562	.000388	07/01/08 08:44:45
Cr2677	267.716	Multiple	Standards	.051098	-.000181	07/01/08 08:44:45
Cu3247	324.753	Multiple	Standards	.118365	-.003579	07/01/08 08:44:45
Fe2714	271.441	Multiple	Standards	2.64084	.001758	07/01/08 08:44:45
K_7664	766.491	STD 3	STD BLK	.871769	.031702	07/01/08 08:44:45
Mg2790	279.078	STD 3	STD BLK	1.05026	.043784	07/01/08 08:44:45
Mn2576	257.610	Multiple	Standards	.072467	-.000042	07/01/08 08:44:45
Mo2020	202.030	Multiple	Standards	.083008	.000160	07/01/08 08:44:45
Na3302	330.232	STD 3	STD BLK	.912836	.012675	07/01/08 08:44:45
Ni2316	231.604	Multiple	Standards	.019152	.000610	07/01/08 08:44:45
2203/1	220.351	Multiple	Standards	.062137	.001562	07/01/08 08:44:45
2203/2	220.352	Multiple	Standards	.062556	.000604	07/01/08 08:44:45
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.261708	-.000152	07/01/08 08:44:45
1960/1	196.021	Multiple	Standards	.204700	.002322	07/01/08 08:44:45
1960/2	196.022	Multiple	Standards	.117438	.000573	07/01/08 08:44:45
Ti3372	337.280	Multiple	Standards	.019673	-.001378	07/01/08 08:44:45
Tl1908	190.864	Multiple	Standards	.205869	.003814	07/01/08 08:44:45
V_2924	292.402	Multiple	Standards	.347815	-.000261	07/01/08 08:44:45
Zn2062	206.200	Multiple	Standards	.398646	-.001166	07/01/08 08:44:45
Sn1899	189.989	Multiple	Standards	.044185	.000838	07/01/08 08:44:45
Ag3280	328.068	Multiple	Standards	.064349	.000112	07/01/08 08:44:45

Standardization

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Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000125	-.000125
		STD 1	5.00000	4.98969	.010306
		STD 2	25.0000	24.9392	.060818
		STD 3	50.0000	50.2849	-.284920

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000016	-.000016
		STD 1	.100000	.097780	.002220
		STD 2	.500000	.500344	-.000344
		STD 3	1.00000	1.00973	-.009733

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099578	.000422
		STD 2	.500000	.500607	-.000607
		STD 3	1.00000	1.00608	-.006082

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000006	-.000006
		STD 1	.100000	.099465	.000535
		STD 2	.500000	.495823	.004177
		STD 3	1.00000	1.01371	-.013707

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100228	-.000228
		STD 2	.500000	.501532	-.001532
		STD 3	1.00000	.995170	.004830

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.041523	.012206	.029317
		STD 3	63.2676	63.1214	.146183

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101017	-.001017
		STD 2	.500000	.499356	.000644
		STD 3	1.00000	.992445	.007555

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.099991	.000009
		STD 2	.500000	.501010	-.001010
		STD 3	1.00000	.997654	.002346

CorCoef: 1.00000

Standardization

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.099953	.000047
		STD 2	.500000	.501190	-.001190
		STD 3	1.000000	.998254	.001746

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000011	-.000011
		STD 1	.100000	.098814	.001186
		STD 2	.500000	.501675	-.001675
		STD 3	1.000000	1.01065	-.010652

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000224	.000224
		STD 1	5.000000	5.02484	-.024837
		STD 2	25.00000	25.0483	-.048349
		STD 3	50.00000	49.6821	.317871

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.062716	-.108306	.045590
		STD 3	61.5001	70.5100	-9.00985

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.043532	-.000239	.043772
		STD 3	125.306	119.268	6.03790

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100666	-.000666
		STD 2	.500000	.499747	.000253
		STD 3	1.000000	.994149	.005851

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	-.000006	.000006
		STD 1	.100000	.100682	-.000682
		STD 2	.500000	.496781	.003219
		STD 3	1.000000	.997910	.002090

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.010597	-.002276	.012873
		STD 3	2.88318	3.14460	-.261421

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.099872	.000128
		STD 2	.500000	.500519	-.000519
		STD 3	1.000000	.997423	.002577

CorCoef: 1.00000

Standardization

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000025	.000025
		STD 1	.100000	.105332	-.005332
		STD 2	.500000	.506626	-.006626
		STD 3	1.00000	1.00663	-.006627

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.097600	.002400
		STD 2	.500000	.492579	.007421
		STD 3	1.00000	.995767	.004233

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000019	-.000019
		STD 1	.100000	.098168	.001832
		STD 2	.500000	.501016	-.001016
		STD 3	1.00000	1.02417	-.024171

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000030	.000030
		STD 1	.100000	.103485	-.003485
		STD 2	.500000	.492380	.007620
		STD 3	1.00000	.980431	.019569

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000013	.000013
		STD 1	.100000	.100224	-.000224
		STD 2	.500000	.481083	.018917
		STD 3	1.00000	.991622	.008378

CorCoef: 0.99986

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099528	.000472
		STD 2	.500000	.496079	.003921
		STD 3	1.00000	1.01234	-.012342

CorCoef: 0.99995

Standardization

Readback Report

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	.000003	-.000003
		STD 1	.100000	.098687	.001313
		STD 2	.500000	.494623	.005377
		STD 3	1.00000	.993250	.006750

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099766	.000234
		STD 2	.500000	.500563	-.000563
		STD 3	1.00000	1.00208	-.002085

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101139	-.001139
		STD 2	.500000	.497697	.002303
		STD 3	1.00000	.988366	.011634

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100346	-.000346
		STD 2	.500000	.499963	.000037
		STD 3	1.00000	.997004	.002996

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100100	-.000100
		STD 2	.500000	.499093	.000907
		STD 3	1.00000	1.00082	-.000815

CorCoef: 1.00000

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: STD 3 VER Operator: AH
 Run Time: 07/01/08 08:50:10
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.120	1.0174	1.0076	1.0176	.99050	49.808	.98923
SDev	.000	.0038	.0026	.0009	.00120	.086	.00112
%RSD	.00013	.37329	.25400	.08434	.12094	.17166	.11322

#1	50.120	1.0147	1.0058	1.0170	.99134	49.868	.99002
#2	50.120	1.0201	1.0094	1.0182	.98965	49.747	.98844

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99548	.99678	1.0101	49.598	49.868	49.609	.99347
SDev	.00163	.00127	.0009	.087	.180	.121	.00129
%RSD	.16417	.12772	.08703	.17499	.36045	.24427	.13029

#1	.99664	.99768	1.0094	49.660	49.995	49.695	.99439
#2	.99433	.99588	1.0107	49.537	49.741	49.523	.99256

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99747	49.383	.99517	.98168	1.0093	1.0001	.99781
SDev	.00145	.142	.00076	.00630	.0049	.0012	.00112
%RSD	.14501	.28690	.07602	.64205	.48814	.11873	.11211

#1	.99645	49.483	.99570	.98614	1.0059	.99929	.99860
#2	.99850	49.282	.99463	.97723	1.0128	1.0010	.99702

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0290	.98648	1.0035	1.0111	1.0085	1.0018	.98333
SDev	.0099	.00854	.0026	.0003	.0012	.0018	.00152
%RSD	.96292	.86594	.25841	.03297	.11752	.17570	.15461

#1	1.0220	.99252	1.0017	1.0109	1.0093	1.0031	.98440
#2	1.0361	.98044	1.0053	1.0114	1.0076	1.0006	.98225

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Analysis Report

Blank Sample

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Units	ppm	ppm
Avge	.99484	1.0029
SDev	.00002	.0004
%RSD	.00219	.03545

#1	.99483	1.0031
#2	.99486	1.0026

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3980	--	--	--	--	--	--
SDev	49.69203	--	--	--	--	--	--
%RSD	1.248406	--	--	--	--	--	--
#1	3945	--	--	--	--	--	--
#2	4016	--	--	--	--	--	--

Analysis Report

QC Standard

07/01/08 09:00:55 AM

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Method: TRACE2 Sample Name: ICV

Operator: AH

Run Time: 07/01/08 08:55:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.894	.37550	.37101	.38316	.37897	18.934	.37676
SDev	.017	.00032	.00012	.00022	.00034	.031	.00046
%RSD	.09189	.08600	.03340	.05654	.09041	.16591	.12069
#1	18.882	.37527	.37092	.38331	.37873	18.912	.37708
#2	18.906	.37573	.37110	.38300	.37921	18.956	.37644
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37429	.39180	.37580	18.869	18.787	18.839	.38309
SDev	.00001	.00007	.00038	.009	.022	.001	.00033
%RSD	.00238	.01833	.10211	.04918	.11686	.00725	.08716
#1	.37430	.39175	.37553	18.876	18.772	18.838	.38333
#2	.37429	.39185	.37607	18.863	18.803	18.840	.38286
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37682	18.657	.38268	.37695	.38715	.38375	.38510
SDev	.00057	.101	.00129	.00265	.00180	.00032	.00425
%RSD	.15077	.54384	.33631	.70352	.46552	.08312	1.1041
#1	.37722	18.585	.38177	.37883	.38587	.38353	.38810
#2	.37642	18.729	.38359	.37508	.38842	.38398	.38209
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	Q.39588	.38111	.38710	Q.39437	.38679	.37851	.38173
SDev	.00522	.01051	.00112	.00032	.00397	.00070	.00047
%RSD	1.3191	2.7567	.29064	.07978	1.0269	.18575	.12401
#1	Q.39958	.38854	.38789	Q.39415	.38398	.37901	.38207
#2	.39219	.37368	.38630	Q.39459	.38960	.37801	.38140
Errors	QC Fail	NOCHECK	NOCHECK	QC Fail	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.37954	.37052
SDev	.00047	.00067
%RSD	.12381	.18074

#1	.37921	.37100
#2	.37987	.37005

Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3877	--	--	--	--	--	--
SDev	35.00178	--	--	--	--	--	--
%RSD	.9027768	--	--	--	--	--	--
#1	3902	--	--	--	--	--	--
#2	3852	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: ICB

Operator: AH

Run Time: 07/01/08 09:00:58

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02103	.00251	.00362	.00017	.00024	.00959	.00060
SDev	.02368	.00259	.00175	.00017	.00005	.00506	.00057
%RSD	112.56	103.43	48.267	97.955	19.402	52.789	93.949

#1	.00429	.00067	.00238	.00029	.00021	.00601	.00020
#2	.03778	.00434	.00485	.00005	.00028	.01317	H.00101

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	.00182	.00111	.03829	.00707	.00551	.00044
SDev	.00219	.00190	.00277	.03352	.02822	.00517	.00026
%RSD	149.10	104.63	250.59	87.545	399.32	93.752	59.766

#1	-.00008	.00047	-.00085	.01459	.02702	.00917	.00025
#2	.00302	.00316	.00307	H.06199	-.01289	.00186	.00063

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00089	-.05302	.00195	-.01198	.01048	.00300	.00106
SDev	.00239	.10308	.00307	.01726	.01068	.00137	.00197
%RSD	267.94	194.42	157.96	144.08	101.90	45.786	185.70

#1	.00258	.01987	-.00023	.00022	.00293	.00203	-.00033
#2	-.00080	-.12591	.00412	-.02419	.01803	.00397	.00245

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00262	-.01740	.01029	.00018	.00186	.00206	.00062
SDev	.00024	.01315	.00953	.00044	.00059	.00164	.00051
%RSD	9.3303	75.595	92.625	252.09	31.573	79.716	81.641

#1	.00280	-.00810	.00355	.00049	.00228	.00090	.00026
#2	.00245	-.02670	.01703	-.00014	.00145	.00322	.00098

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Analysis Report

Blank Sample

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Units	ppm	ppm
Avge	.00126	-.00024
SDev	.00172	.00094
%RSD	136.32	387.95

#1	.00248	.00042
#2	.00005	-.00091

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3905	--	--	--	--	--	--
SDev	6.045797	--	--	--	--	--	--
%RSD	.1548299	--	--	--	--	--	--
#1	3909	--	--	--	--	--	--
#2	3901	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: CRI

Operator: AH

Run Time: 07/01/08 09:06:22

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20662	.00959	.02114	.00214	.00202	.47961	.00110
SDev	.00052	.00156	.00054	.00003	.00007	.00621	.00016
%RSD	.25402	16.283	2.5701	1.4711	3.5628	1.2952	14.835
#1	.20625	.01069	.02153	.00212	.00197	.47522	.00121
#2	.20699	.00849	.02076	.00217	.00207	.48401	.00098
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00386	.00427	.00828	.05845	.44621	.19562	.00315
SDev	.00012	.00011	.00070	.00340	.01028	.00807	.00003
%RSD	2.9652	2.6721	8.4163	5.8113	2.3041	4.1247	.94981
#1	.00394	.00435	.00877	.05605	.43894	.18991	.00317
#2	.00378	.00419	.00779	.06085	.45348	.20132	.00313
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01072	1.2002	.00992	.00607	.00794	.00731	.01784
SDev	.00059	.1009	.00051	.00020	.00171	.00120	.00270
%RSD	5.4595	8.4031	5.1190	3.2658	21.504	16.465	15.111
#1	.01113	1.1289	.01028	.00621	.00914	H.00817	.01594
#2	.01030	1.2715	.00956	.00593	.00673	.00646	.01975
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02049	.01775	.01789	.00521	.02157	.00540	.01110
SDev	.00038	.00231	.00289	.00004	.00301	.00041	.00011
%RSD	1.8290	12.984	16.166	.72388	13.968	7.6535	.96932
#1	.02022	.01612	.01584	.00518	.01944	.00569	.01117
#2	.02075	.01938	.01993	.00524	.02370	.00511	.01102
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00931	.00315
SDev	.00103	.00069
%RSD	11.014	21.781

#1	.01004	.00266
#2	.00859	.00363

Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4026	--	--	--	--	--	--
SDev	10.39443	--	--	--	--	--	--
%RSD	.2581635	--	--	--	--	--	--
#1	4034	--	--	--	--	--	--
#2	4019	--	--	--	--	--	--

Analysis Report

QC Standard

07/01/08 09:17:06 AM

page 1

Method: TRACE2 Sample Name: ICSA

Operator: AH

Run Time: 07/01/08 09:11:45

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	515.50	-.00225	.00096	.00111	.00096	509.55	-.00036
SDev	1.52	.00263	.00029	.00007	.00006	1.12	.00029
%RSD	.29464	116.85	30.445	6.6785	5.9933	.21886	78.542

#1	514.43	-.00039	.00076	.00105	.00100	508.77	-.00057
#2	516.58	-.00411	.00117	.00116	.00092	510.34	-.00016

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00066	.00061	-.00103	196.16	.01809	511.24	.00179
SDev	.00076	.00115	.00175	.11	.00599	.85	.00003
%RSD	115.10	189.42	170.57	.05591	33.120	.16690	1.8187

#1	.00119	.00142	.00021	196.08	.02232	511.84	.00176
#2	.00012	-.00021	-.00227	196.24	.01385	510.63	.00181

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00155	.03167	.00019	.00707	-.00537	-.00123	-.00431
SDev	.00100	.01853	.00123	.00611	.00670	.00244	.00127
%RSD	64.659	58.513	637.70	86.516	124.96	198.81	29.541

#1	.00226	.04477	.00106	.01139	-.01011	-.00295	-.00341
#2	.00084	.01857	-.00068	.00274	-.00062	.00050	-.00521

Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	-.00152	-.00570	.00205	-.00980	-.00005	-.00370
SDev	.00901	.01018	.00318	.00003	.00061	.00090	.00088
%RSD	664.76	668.78	55.780	1.3511	6.2335	1919.2	23.913

#1	.00773	.00568	-.00795	.00207	-.01024	.00059	-.00432
#2	-.00501	-.00872	-.00345	.00203	-.00937	-.00069	-.00307

Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00117	.00166
SDev	.00123	.00043
%RSD	105.37	25.758

#1	-.00030	.00136
#2	-.00204	.00196

Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3689	--	--	--	--	--	--
SDev	38.02460	--	--	--	--	--	--
%RSD	1.030822	--	--	--	--	--	--
#1	3662	--	--	--	--	--	--
#2	3716	--	--	--	--	--	--

Analysis Report

QC Standard

07/01/08 09:22:29 AM

page 1

Method: TRACE2 Sample Name: ICSAB

Operator: AH

Run Time: 07/01/08 09:17:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	517.32	.10268	.00885	.53768	.51154	512.20	.98541
SDev	1.42	.00512	.00106	.00071	.00111	1.38	.00557
%RSD	.27390	4.9821	11.992	.13242	.21635	.26885	.56500
#1	518.32	.10629	.00960	.53718	.51232	513.18	.98935
#2	516.32	.09906	.00810	.53819	.51076	511.23	.98147
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49154	.52285	.52242	99.472	.01557	503.26	.49453
SDev	.00239	.00261	.00158	.355	.02109	2.86	.00162
%RSD	.48615	.49963	.30253	.35642	135.39	.56806	.32762
#1	.49323	.52470	.52354	99.723	.03048	505.28	.49568
#2	.48985	.52100	.52131	99.221	.00066	501.24	.49339
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.01650	.96550	.05720	.04560	.04946	.05389
SDev	.00031	.00771	.00426	.00445	.00167	.00037	.00181
%RSD	36.521	46.753	.44147	7.7832	3.6628	.74485	3.3642
#1	.00108	.01105	.96852	.05405	.04678	.04920	.05261
#2	.00064	.02196	.96249	.06034	.04442	.04972	.05518
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.66229	.04854	.05657	.00329	.09080	.51374	.97103
SDev	.00075	.00130	.00207	.00035	.00215	.00239	.00555
%RSD	.11291	2.6882	3.6541	10.717	2.3647	.46600	.57110
#1	.66176	.04761	.05511	.00354	.09232	.51544	.97495
#2	.66282	.04946	.05804	.00305	.08928	.51205	.96711
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000
Elem	Sn1899	Ag3280					

Analysis Report

QC Standard

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Units	ppm	ppm
Avge	.00229	.21581
SDev	.00134	.00038
%RSD	58.473	.17644

#1	.00134	.21608
#2	.00324	.21554

Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3586	--	--	--	--	--	--
SDev	9.068783	--	--	--	--	--	--
%RSD	.2528879	--	--	--	--	--	--
#1	3593	--	--	--	--	--	--
#2	3580	--	--	--	--	--	--

Analysis Report

QC Standard

07/01/08 09:29:21 AM

page 1

Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/01/08 09:24:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.014	.49694	.48656	.51653	.49896	25.120	.49325
SDev	.008	.00565	.00059	.00287	.00224	.001	.00062
%RSD	.03253	1.1369	.12203	.55560	.44983	.00336	.12628
#1	25.019	.50093	.48614	.51856	.50055	25.120	.49369
#2	25.008	.49294	.48698	.51450	.49737	25.119	.49281
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49281	.51622	.50033	24.822	24.880	24.708	.50453
SDev	.00070	.00038	.00263	.006	.047	.048	.00073
%RSD	.14268	.07420	.52591	.02318	.19034	.19299	.14547
#1	.49330	.51595	.50219	24.826	24.914	24.674	.50505
#2	.49231	.51649	.49847	24.818	24.847	24.742	.50401
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49607	24.825	.50304	.49481	.50889	.50420	.50112
SDev	.00295	.084	.00131	.00003	.00378	.00251	.00084
%RSD	.59499	.33821	.26005	.00647	.74318	.49820	.16845
#1	.49398	24.765	.50396	.49478	.51157	.50598	.50172
#2	.49815	24.884	.50211	.49483	.50622	.50243	.50053
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52252	.49582	.50378	.52866	.50879	.50406	.49933
SDev	.00216	.00066	.00160	.00185	.00200	.00134	.00047
%RSD	.41422	.13394	.31724	.34932	.39287	.26624	.09437
#1	.52405	.49536	.50491	.52997	.51020	.50501	.49900
#2	.52099	.49629	.50265	.52735	.50738	.50311	.49967
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.49832	.48892
SDev	.00071	.00094
%RSD	.14311	.19171

#1	.49781	.48959
#2	.49882	.48826

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3874	--	--	--	--	--	--
SDev	5.939801	--	--	--	--	--	--
%RSD	.1533079	--	--	--	--	--	--
#1	3870	--	--	--	--	--	--
#2	3879	--	--	--	--	--	--

Analysis Report

Blank Sample

07/01/08 09:34:45 AM

page 1

Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/01/08 09:29:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06736	.00009	.00123	.00024	.00011	.06438	.00030
SDev	.00781	.00241	.00075	.00005	.00022	.01539	.00003
%RSD	11.589	2794.1	60.382	18.677	196.62	23.912	11.589
#1	.07288	-.00162	.00176	.00027	.00027	.07526	.00032
#2	.06184	.00179	.00071	.00021	-.00004	.05349	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00083	.00062	-.00113	.02690	.01039	.06187	.00026
SDev	.00009	.00003	.00016	.00302	.01618	.01305	.00013
%RSD	11.386	4.1825	13.982	11.225	155.62	21.095	49.820
#1	.00089	.00060	-.00124	.02477	.02183	.07110	.00035
#2	.00076	.00064	-.00102	.02904	-.00104	.05264	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00102	.18093	.00106	-.00019	.00147	.00092	.00331
SDev	.00074	.04244	.00042	.00045	.00094	.00048	.00174
%RSD	72.314	23.454	39.996	237.78	64.143	52.072	52.576
#1	.00154	.15093	.00076	-.00051	.00213	.00125	.00208
#2	.00050	.21094	.00136	.00013	.00080	.00058	.00455
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00383	-.00312	.00653	.00044	.00572	.00082	-.00017
SDev	.00030	.00198	.00360	.00015	.00133	.00001	.00004
%RSD	7.7721	63.434	55.168	33.586	23.248	1.3616	25.621
#1	.00404	-.00172	.00398	.00034	.00478	.00081	-.00014
#2	.00362	-.00452	.00908	.00055	.00666	.00083	-.00021
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Analysis Report

Blank Sample

07/01/08 09:34:45 AM

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Units	ppm	ppm
Avge	.00235	.00040
SDev	.00086	.00096
%RSD	36.600	237.45

#1	.00296	.00108
#2	.00174	-.00027

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4031	--	--	--	--	--	--
SDev	184.1837	--	--	--	--	--	--
%RSD	4.568685	--	--	--	--	--	--
#1	3901	--	--	--	--	--	--
#2	4162	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD834356/(1:10) Operator: AH
 Run Time: 07/01/08 09:42:35
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03234	-.00042	.01685	.02281	-.00003	23.059	-.00001
SDev	.00062	.00220	.00106	.00006	.00003	.157	.00003
%RSD	1.9032	520.91	6.2909	.23910	119.55	.67990	414.42

#1	.03278	-.00198	.01610	.02277	-.00005	22.948	-.00003
#2	.03191	.00114	.01760	.02285	-.00000	23.170	.00001

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00012	.00015	-.00212	.01942	.35202	5.3464	.11384
SDev	.00008	.00007	.00008	.00964	.01510	.0024	.00009
%RSD	65.209	43.677	3.9079	49.631	4.2890	.04495	.08071

#1	.00006	.00010	-.00206	.01261	.36270	5.3447	.11378
#2	.00017	.00020	-.00218	.02624	.34135	5.3481	.11391

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00156	240.83	-.00039	.00359	.00028	.00139	-.00111
SDev	.00110	1.77	.00109	.00161	.00008	.00059	.00005
%RSD	70.467	.73511	282.01	44.772	28.826	42.587	4.2735

#1	.00234	239.58	-.00116	.00473	.00034	.00180	-.00107
#2	.00078	242.08	.00039	.00245	.00023	.00097	-.00114

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00038	-.00325	-.00003	.00079	.00144	-.00031	.00014
SDev	.00645	.00003	.00008	.00001	.00131	.00006	.00007
%RSD	1701.9	.77239	249.53	1.0571	91.075	20.377	54.695

#1	-.00418	-.00327	.00003	.00078	.00051	-.00035	.00008
#2	.00494	-.00324	-.00009	.00079	.00237	-.00026	.00019

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00169	.00043
SDev	.00135	.00032
%RSD	79.818	72.847

#1	.00264	.00021
#2	.00074	.00066

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3890	--	--	--	--	--	--
SDev	8.538279	--	--	--	--	--	--
%RSD	.2195065	--	--	--	--	--	--
#1	3896	--	--	--	--	--	--
#2	3884	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD834357/(1:10) Operator: AH
 Run Time: 07/01/08 09:47:59
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04235	.00087	.02380	.05635	.00001	24.837	.00019
SDev	.01073	.00110	.00202	.00010	.00009	.094	.00041
%RSD	25.333	126.93	8.4981	.17870	1761.4	.38035	216.84
#1	.04994	.00165	.02523	.05642	.00007	24.904	.00048
#2	.03477	.00009	.02237	.05628	-.00006	24.771	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	.00106	-.00134	.44989	5.3357	2.7337	.15785
SDev	.00114	.00111	.00134	.01987	.0117	.0076	.00052
%RSD	121.08	104.90	100.15	4.4171	.21906	.27741	.32895
#1	.00175	.00185	-.00039	.46394	5.3439	2.7390	.15821
#2	.00014	.00027	-.00228	.43584	5.3274	2.7283	.15748
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00182	236.31	-.00005	-.00042	.00327	.00204	.00015
SDev	.00014	.80	.00046	.00975	.00645	.00105	.00153
%RSD	7.7287	.33720	955.01	2324.3	197.27	51.640	1016.0
#1	.00172	236.87	.00028	-.00732	.00783	.00279	.00123
#2	.00192	235.74	-.00038	.00648	-.00129	.00130	-.00093
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00453	-.00899	.00472	.00060	.00245	.00150	.00020
SDev	.00014	.00712	.00586	.00031	.00145	.00162	.00090
%RSD	3.1539	79.186	124.09	52.147	59.388	107.87	449.05
#1	.00463	-.01402	.00886	.00038	.00348	.00265	.00084
#2	.00443	-.00396	.00058	.00082	.00142	.00036	-.00044
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00277	.00064
SDev	.00041	.00027
%RSD	14.902	42.660

#1	.00248	.00045
#2	.00306	.00084

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3861	--	--	--	--	--	--
SDev	63.00328	--	--	--	--	--	--
%RSD	1.631692	--	--	--	--	--	--
#1	3817	--	--	--	--	--	--
#2	3906	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD835999 Operator: AH
 Run Time: 07/01/08 09:53:23
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.18049	.00132	.21057	.14918	-.00006	116.44	.00009
SDev	.00219	.00217	.00161	.00050	.00001	.39	.00002
%RSD	1.2124	164.47	.76652	.33266	9.2983	.33301	23.121
#1	.17894	.00285	.20942	.14953	-.00006	116.71	.00010
#2	.18204	-.00021	.21171	.14883	-.00005	116.16	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00160	.00055	.00178	.20309	24.427	36.299	.49074
SDev	.00010	.00001	.00055	.00333	.038	.033	.00021
%RSD	6.2928	1.6700	31.021	1.6398	.15510	.09009	.04208
#1	.00167	.00056	.00139	.20074	24.400	36.322	.49089
#2	.00152	.00054	.00217	.20545	24.454	36.276	.49059
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00644	92.534	.00658	.00390	.00061	.00171	.00291
SDev	.00050	.334	.00034	.00061	.00205	.00157	.00221
%RSD	7.8320	.36047	5.1583	15.653	335.12	91.873	75.762
#1	.00679	92.770	.00634	.00434	.00206	.00282	.00135
#2	.00608	92.298	.00682	.00347	-.00084	.00060	.00447
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00250	.00132	.00371	.00357	.00227	.00062	.01037
SDev	.00290	.00498	.00082	.00028	.00255	.00037	.00015
%RSD	115.98	377.45	22.123	7.9864	112.56	60.342	1.4506
#1	.00455	-.00220	.00313	.00337	.00046	.00088	.01027
#2	.00045	.00484	.00429	.00378	.00407	.00035	.01048
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00003	.00026
SDev	.00085	.00030
%RSD	2962.5	115.93

#1	.00063	.00047
#2	-.00057	.00005

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3955	--	--	--	--	--	--
SDev	.4243331	--	--	--	--	--	--
%RSD	.0107303	--	--	--	--	--	--
#1	3955	--	--	--	--	--	--
#2	3954	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836235/FB Operator: AH
 Run Time: 07/01/08 09:58:46
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.125	.20635	.20423	.21280	.20146	10.139	.20220
SDev	.057	.00065	.00045	.00113	.00123	.052	.00058
%RSD	.55932	.31396	.22152	.53170	.60935	.50796	.28672
#1	10.166	.20589	.20455	.21360	.20233	10.176	.20261
#2	10.085	.20680	.20391	.21200	.20059	10.103	.20179
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19501	.20403	.20439	10.184	10.129	9.9929	.20369
SDev	.00046	.00111	.00084	.039	.021	.0189	.00032
%RSD	.23420	.54379	.41028	.37929	.21043	.18892	.15905
#1	.19533	.20481	.20499	10.211	10.144	10.006	.20392
#2	.19468	.20324	.20380	10.157	10.114	9.9796	.20346
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21070	10.159	.20404	.19877	.20976	.20610	.20644
SDev	.00075	.110	.00165	.00017	.00070	.00053	.00222
%RSD	.35646	1.0858	.81007	.08683	.33486	.25521	1.0743
#1	.21123	10.081	.20521	.19889	.21026	.20647	.20800
#2	.21017	10.237	.20287	.19865	.20926	.20573	.20487
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21427	.19450	.21240	.21197	.20277	.20868	.20836
SDev	.00204	.00072	.00369	.00076	.00007	.00051	.00087
%RSD	.95129	.37144	1.7363	.35917	.03444	.24255	.41964
#1	.21282	.19399	.21501	.21251	.20272	.20904	.20898
#2	.21571	.19502	.20980	.21143	.20282	.20832	.20774
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.20729	.05180
SDev	.00206	.00015
%RSD	.99323	.29523

#1	.20584	.05170
#2	.20875	.05191

Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4036	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1839713	--	--	--	--	--	--
#1	4031	--	--	--	--	--	--
#2	4041	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836606/PB Operator: AH
 Run Time: 07/01/08 10:04:10
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05206	.00101	.00748	.00022	-.00009	.09991	.00001
SDev	.00167	.00010	.00039	.00003	.00001	.00206	.00007
%RSD	3.2085	9.7459	5.2625	14.431	9.5163	2.0647	950.80

#1	.05087	.00094	.00720	.00024	-.00008	.09846	.00005
#2	.05324	.00108	.00776	.00019	-.00010	.10137	-.00004

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00021	-.00131	.01524	.00755	.01277	.00022
SDev	.00022	.00011	.00033	.00508	.00876	.00219	.00006
%RSD	138.91	51.170	25.055	33.316	115.96	17.175	28.762

#1	.00032	.00029	-.00154	.01165	.01374	.01122	.00017
#2	.00000	.00014	-.00108	.01883	.00136	.01432	.00026

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	.11060	.00005	.00213	.00027	.00089	.00126
SDev	.00103	.07291	.00031	.00397	.00300	.00068	.00227
%RSD	97.698	65.920	572.33	186.34	1100.8	76.292	180.41

#1	.00178	.16215	-.00016	.00493	-.00185	.00041	-.00035
#2	.00032	.05905	.00027	-.00068	.00239	.00137	.00286

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00382	-.00274	.00326	.00058	.00015	.00056	.00057
SDev	.00308	.00883	.00782	.00002	.00031	.00055	.00007
%RSD	80.498	321.72	239.88	3.2616	203.65	97.584	13.074

#1	.00165	.00350	-.00227	.00056	-.00007	.00017	.00063
#2	.00600	-.00898	.00879	.00059	.00037	.00095	.00052

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00234	.00044
SDev	.00081	.00094
%RSD	34.507	213.32

#1	.00177	.00111
#2	.00291	-.00022

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4011	--	--	--	--	--	--
SDev	11.34910	--	--	--	--	--	--
%RSD	.2829335	--	--	--	--	--	--
#1	4003	--	--	--	--	--	--
#2	4019	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836605/FB Operator: AH
 Run Time: 07/01/08 10:09:33
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.244	.20936	.20706	.21510	.20430	10.333	.20423
SDev	.038	.00217	.00158	.00111	.00093	.039	.00006
%RSD	.36749	1.0350	.76170	.51604	.45374	.37673	.02933
#1	10.217	.20782	.20594	.21432	.20364	10.306	.20427
#2	10.271	.21089	.20817	.21589	.20495	10.361	.20419
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19732	.20543	.20717	10.287	10.243	10.128	.20576
SDev	.00009	.00026	.00089	.015	.011	.002	.00001
%RSD	.04343	.12480	.42959	.14335	.10794	.01848	.00478
#1	.19726	.20561	.20654	10.277	10.251	10.126	.20575
#2	.19739	.20525	.20780	10.298	10.235	10.129	.20576
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21171	10.217	.20587	.20442	.21220	.20961	.20374
SDev	.00179	.108	.00108	.00129	.00088	.00102	.00114
%RSD	.84451	1.0603	.52534	.62935	.41658	.48568	.56138
#1	.21044	10.294	.20511	.20533	.21282	.21033	.20294
#2	.21297	10.141	.20664	.20351	.21157	.20889	.20455
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21706	.19185	.20969	.21514	.20570	.21065	.21099
SDev	.00243	.00547	.00445	.00086	.00050	.00036	.00003
%RSD	1.1177	2.8510	2.1224	.39960	.24196	.16830	.01476
#1	.21534	.19572	.20655	.21454	.20534	.21090	.21102
#2	.21878	.18798	.21284	.21575	.20605	.21040	.21097
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.21093	.05207
SDev	.00164	.00019
%RSD	.77927	.36015

#1	.20977	.05193
#2	.21210	.05220

Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4019	--	--	--	--	--	--
SDev	15.37957	--	--	--	--	--	--
%RSD	.3827121	--	--	--	--	--	--
#1	4029	--	--	--	--	--	--
#2	4008	--	--	--	--	--	--

Analysis Report

07/01/08 10:20:17 AM

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Method: TRACE2 Sample Name: AD836746 Operator: AH
 Run Time: 07/01/08 10:14:57
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	125.67	.11846	.16671	1.0869	.00544	208.61	.00006
SDev	.46	.00156	.00000	.0043	.00002	.58	.00005
%RSD	.36221	1.3200	.00017	.39738	.29940	.28019	78.637
#1	125.34	.11956	.16671	1.0839	.00543	208.20	.00003
#2	125.99	.11735	.16671	1.0900	.00545	209.03	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11444	.18093	.16128	242.18	24.029	93.071	4.8558
SDev	.00049	.00049	.00077	.11	.041	.040	.0014
%RSD	.42886	.26907	.47821	.04395	.17089	.04298	.02919
#1	.11409	.18058	.16074	242.10	24.000	93.043	4.8548
#2	.11478	.18127	.16183	242.25	24.058	93.099	4.8568
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02504	11.774	.27599	.10112	.10169	.10150	-.00152
SDev	.00080	.034	.00046	.00112	.00020	.00024	.00045
%RSD	3.1902	.29122	.16607	1.1106	.20115	.23403	29.464
#1	.02560	11.798	.27567	.10191	.10154	.10166	-.00121
#2	.02447	11.749	.27631	.10032	.10183	.10133	-.00184
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00381	.00624	-.00541	.87274	L-.01897	.20602	.53215
SDev	.00167	.00076	.00030	.00553	.00303	.00093	.00063
%RSD	43.733	12.118	5.4706	.63422	15.957	.45350	.11875
#1	.00263	.00678	-.00520	.86883	L-.01683	.20536	.53170
#2	.00499	.00571	-.00562	.87666	L-.02111	.20668	.53260
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00651	.00023
SDev	.00008	.00019
%RSD	1.1767	83.172

#1	.00657	.00010
#2	.00646	.00037

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4215	--	--	--	--	--	--
SDev	9.439944	--	--	--	--	--	--
%RSD	.2239528	--	--	--	--	--	--
#1	4222	--	--	--	--	--	--
#2	4208	--	--	--	--	--	--

Analysis Report

07/01/08 10:25:40 AM

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Method: TRACE2 Sample Name: AD836587

Operator: AH

Run Time: 07/01/08 10:20:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.17750	.00350	.60682	.49836	-.00005	157.29	-.00005
SDev	.00423	.00091	.00124	.00109	.00000	.19	.00012
%RSD	2.3837	25.903	.20369	.21951	5.7926	.12051	236.36

#1	.17450	.00286	.60594	.49913	-.00005	157.42	-.00013
#2	.18049	.00414	.60769	.49758	-.00005	157.16	.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00185	.00233	-.00147	8.7908	9.5678	103.26	.04147
SDev	.00025	.00099	.00066	.0091	.0288	.07	.00003
%RSD	13.648	42.458	44.626	.10358	.30063	.06305	.08440

#1	.00167	.00163	-.00194	8.7972	9.5882	103.31	.04149
#2	.00202	.00303	-.00101	8.7843	9.5475	103.22	.04144

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00061	166.55	.00904	.00076	.00068	.00071	.00059
SDev	.00033	.35	.00077	.00495	.00264	.00012	.00116
%RSD	53.772	.20912	8.5011	653.83	386.39	16.267	197.52

#1	.00084	166.80	.00850	.00426	-.00119	.00063	.00141
#2	.00038	166.31	.00958	-.00274	.00255	.00079	-.00023

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00119	-.00199	.00188	.00416	.00296	.00074	-.00035
SDev	.00028	.00433	.00042	.00038	.00459	.00025	.00022
%RSD	23.234	217.54	22.251	9.0508	154.84	33.557	61.452

#1	-.00138	.00107	.00158	.00442	-.00028	.00057	-.00051
#2	-.00099	-.00505	.00217	.00389	.00621	.00092	-.00020

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00197	.00023
SDev	.00302	.00055
%RSD	153.61	245.08

#1	.00410	.00062
#2	-.00017	-.00017

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3950	--	--	--	--	--	--
SDev	.3711620	--	--	--	--	--	--
%RSD	.0093969	--	--	--	--	--	--
#1	3950	--	--	--	--	--	--
#2	3950	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836588 Operator: AH
 Run Time: 07/01/08 10:25:44
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05662	.00294	.09283	.12015	-.00014	67.600	-.00012
SDev	.00207	.00030	.00086	.00025	.00004	.248	.00025
%RSD	3.6488	10.098	.92628	.20620	26.049	.36698	200.50

#1	.05516	.00315	.09222	.11997	-.00017	67.424	-.00030
#2	.05808	.00273	.09344	.12032	-.00012	67.775	.00005

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00039	-.00174	1.6919	2.0810	43.782	.02092
SDev	.00052	.00049	.00015	.0042	.0062	.015	.00006
%RSD	1099.2	126.97	8.6081	.24976	.29985	.03538	.27508

#1	-.00041	.00004	-.00164	1.6890	2.0766	43.771	.02088
#2	.00032	.00073	-.00185	1.6949	2.0855	43.793	.02096

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00218	14.462	.00062	.00376	.00133	.00214	.00441
SDev	.00005	.052	.00053	.00237	.00259	.00094	.00088
%RSD	2.1531	.36274	85.390	63.005	195.18	43.893	19.998

#1	.00214	14.424	.00024	.00544	-.00050	.00147	.00378
#2	.00221	14.499	.00099	.00209	.00316	.00280	.00503

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00077	.00520	.00401	.00061	.00291	-.00003	.00150
SDev	.00038	.00757	.00511	.00024	.00018	.00049	.00024
%RSD	48.763	145.45	127.34	39.735	6.1299	1951.8	15.918

#1	-.00050	.01055	.00040	.00078	.00304	-.00037	.00133
#2	-.00104	-.00015	.00762	.00044	.00278	.00032	.00167

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00205	-.00017
SDev	.00114	.00040
%RSD	55.858	234.21

#1	.00124	.00011
#2	.00286	-.00045

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4023	--	--	--	--	--	--
SDev	35.47894	--	--	--	--	--	--
%RSD	.8819931	--	--	--	--	--	--
#1	4048	--	--	--	--	--	--
#2	3998	--	--	--	--	--	--

Analysis Report

07/01/08 10:36:27 AM

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Method: TRACE2 Sample Name: AD836589 Operator: AH
 Run Time: 07/01/08 10:31:07
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3876	.01928	.82827	.20960	.00021	286.99	.00014
SDev	.0026	.00214	.00189	.00077	.00012	.44	.00001
%RSD	.07646	11.093	.22784	.36802	55.996	.15182	5.7974

#1	3.3895	.02080	.82961	.21015	.00013	286.69	.00015
#2	3.3858	.01777	.82694	.20906	.00030	287.30	.00014

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00744	.02572	.05351	8.9641	56.634	171.17	.63153
SDev	.00001	.00030	.00004	.0010	.213	.35	.00035
%RSD	.14168	1.1714	.07329	.01073	.37642	.20272	.05551

#1	.00744	.02551	.05348	8.9634	56.484	170.92	.63178
#2	.00743	.02593	.05354	8.9648	56.785	171.41	.63128

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00370	231.63	.03957	.01071	.00876	.00941	-.00140
SDev	.00115	.57	.00036	.00014	.00056	.00042	.00146
%RSD	31.127	.24651	.91746	1.3343	6.3891	4.4735	104.67

#1	.00289	231.23	.03932	.01081	.00915	.00970	-.00036
#2	.00452	232.03	.03983	.01060	.00836	.00911	-.00243

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00260	-.00291	-.00064	.09839	.00235	.00772	.01542
SDev	.00232	.00423	.00430	.00025	.00352	.00004	.00006
%RSD	89.189	145.44	671.59	.25305	149.87	.51278	.36152

#1	.00096	-.00589	.00240	.09821	.00484	.00769	.01538
#2	.00425	.00008	-.00368	.09857	-.00014	.00774	.01546

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00249	.00047
SDev	.00081	.00012
%RSD	32.647	26.124

#1	.00307	.00056
#2	.00192	.00038

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3846	--	--	--	--	--	--
SDev	78.75402	--	--	--	--	--	--
%RSD	2.047906	--	--	--	--	--	--
#1	3901	--	--	--	--	--	--
#2	3790	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/01/08 10:37:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.947	.50434	.48894	.52035	.49900	25.137	.49691
SDev	.028	.00177	.00011	.00053	.00097	.052	.00055
%RSD	.11371	.35147	.02188	.10236	.19511	.20810	.11135
#1	24.967	.50559	.48887	.52072	.49969	25.174	.49730
#2	24.927	.50309	.48902	.51997	.49831	25.100	.49652
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49659	.51841	.49999	24.993	24.942	24.990	.50720
SDev	.00068	.00030	.00065	.008	.012	.013	.00003
%RSD	.13695	.05764	.12986	.03197	.04888	.05294	.00580
#1	.49707	.51862	.50045	24.998	24.933	25.000	.50722
#2	.49610	.51820	.49953	24.987	24.950	24.981	.50718
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49999	24.665	.50345	.49453	.52039	.51178	.51128
SDev	.00276	.145	.00062	.00004	.00244	.00161	.00219
%RSD	.55255	.58977	.12326	.00783	.46799	.31488	.42924
#1	.49803	24.563	.50389	.49450	.52211	.51292	.51284
#2	.50194	24.768	.50301	.49456	.51867	.51064	.50973
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53551	.49233	.52077	.53326	.51120	.50878	.50487
SDev	.00079	.00341	.00159	.00104	.00727	.00008	.00071
%RSD	.14834	.69270	.30470	.19450	1.4225	.01613	.14026
#1	.53495	.49474	.52189	.53400	.50606	.50883	.50537
#2	.53607	.48992	.51965	.53253	.51634	.50872	.50437
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50035	.49101
SDev	.00229	.00003
%RSD	.45817	.00506

#1	.49873	.49102
#2	.50197	.49099

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3967	--	--	--	--	--	--
SDev	12.25059	--	--	--	--	--	--
%RSD	.3087881	--	--	--	--	--	--
#1	3959	--	--	--	--	--	--
#2	3976	--	--	--	--	--	--

Analysis Report

Blank Sample

07/01/08 10:48:44 AM

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Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/01/08 10:43:23

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02299	-.00109	-.00019	.00009	.00023	.01518	-.00000
SDev	.00097	.00102	.00081	.00008	.00003	.00111	.00011
%RSD	4.2279	94.296	418.34	95.053	13.597	7.3111	2455.1

#1	.02368	-.00181	.00038	.00014	.00025	.01596	.00008
#2	.02230	-.00036	-.00076	.00003	.00021	.01439	-.00009

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00014	-.00176	.00482	-.00193	.01556	.00013
SDev	.00033	.00020	.00002	.00433	.02263	.00392	.00008
%RSD	5061.2	144.32	1.0590	89.843	1172.0	25.221	63.216

#1	-.00023	-.00027	-.00178	.00176	.01407	.01834	.00018
#2	.00024	.00000	-.00175	.00788	-.01793	.01279	.00007

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.12266	-.00015	.00200	.00239	.00226	.00157
SDev	.00095	.04782	.00062	.00337	.00247	.00052	.00054
%RSD	165.16	38.984	407.49	168.67	103.30	23.171	34.507

#1	.00125	.15648	-.00059	.00439	.00064	.00189	.00118
#2	-.00010	.08885	.00028	-.00039	.00414	.00263	.00195

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00136	.00343	.00063	.00032	.00442	.00023	-.00039
SDev	.00504	.00344	.00253	.00020	.00104	.00019	.00007
%RSD	371.72	100.09	399.66	61.778	23.465	81.231	18.724

#1	.00492	.00586	-.00116	.00047	.00369	.00010	-.00034
#2	-.00221	.00100	.00242	.00018	.00515	.00037	-.00045

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Analysis Report

Blank Sample

07/01/08 10:48:44 AM

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Units	ppm	ppm
Avge	.00124	-.00029
SDev	.00052	.00013
%RSD	41.645	43.544

#1	.00087	-.00020
#2	.00160	-.00039

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3877	--	--	--	--	--	--
SDev	6.470130	--	--	--	--	--	--
%RSD	.1668667	--	--	--	--	--	--
#1	3873	--	--	--	--	--	--
#2	3882	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836590 Operator: AH
 Run Time: 07/01/08 10:53:15
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03287	.00324	1.2431	.45937	-.00003	140.82	.00002
SDev	.00225	.00187	.0009	.00101	.00000	.45	.00005
%RSD	6.8461	57.808	.07220	.21947	2.3022	.32202	204.10
#1	.03446	.00191	1.2425	.46009	-.00003	141.14	-.00001
#2	.03128	.00456	1.2437	.45866	-.00004	140.50	.00006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	.00192	-.00058	5.1181	53.097	91.014	.12628
SDev	.00021	.00065	.00016	.0022	.135	.136	.00027
%RSD	9.1014	33.908	28.118	.04343	.25419	.14928	.21178
#1	.00244	.00239	-.00069	5.1165	53.192	91.110	.12647
#2	.00215	.00146	-.00046	5.1196	53.002	90.918	.12609
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00492	189.53	.00587	.00046	.00219	.00161	.00168
SDev	.00021	.67	.00022	.00028	.00091	.00070	.00152
%RSD	4.2252	.35487	3.6880	61.978	41.561	43.497	90.997
#1	.00507	190.00	.00572	.00026	.00155	.00112	.00275
#2	.00478	189.05	.00603	.00066	.00284	.00211	.00060
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00432	.00221	.00141	.00090	.00264	.00157	.00015
SDev	.00249	.00196	.00327	.00022	.00800	.00032	.00051
%RSD	57.760	88.653	232.32	24.921	303.06	20.339	333.48
#1	.00608	.00083	.00372	.00074	-.00302	.00180	.00051
#2	.00255	.00360	-.00090	.00106	.00830	.00135	-.00021
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00178	.00049
SDev	.00191	.00009
%RSD	107.48	19.200

#1	.00313	.00056
#2	.00043	.00042

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3911	--	--	--	--	--	--
SDev	10.71260	--	--	--	--	--	--
%RSD	.2739129	--	--	--	--	--	--
#1	3903	--	--	--	--	--	--
#2	3919	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836591 Operator: AH
 Run Time: 07/01/08 10:58:39
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07704	.00936	.36625	.15654	-.00006	101.74	-.00002
SDev	.00080	.00068	.00034	.00036	.00002	.44	.00004
%RSD	1.0416	7.2946	.09188	.23128	35.021	.42790	186.12

#1	.07647	.00887	.36649	.15679	-.00005	102.05	.00001
#2	.07761	.00984	.36602	.15628	-.00008	101.43	-.00005

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00375	.00083	-.00151	7.2696	20.186	54.437	.16165
SDev	.00008	.00005	.00031	.0016	.065	.119	.00036
%RSD	2.1046	6.2349	20.389	.02217	.32112	.21852	.22336

#1	.00369	.00086	-.00129	7.2708	20.232	54.521	.16190
#2	.00380	.00079	-.00173	7.2685	20.140	54.353	.16139

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00186	42.260	.00469	.00145	.00161	.00156	.00260
SDev	.00038	.261	.00011	.00079	.00195	.00104	.00359
%RSD	20.358	.61811	2.4355	54.346	121.00	66.707	138.04

#1	.00213	42.445	.00477	.00201	.00023	.00082	.00006
#2	.00160	42.075	.00461	.00089	.00299	.00229	.00514

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00222	-.00087	.00434	.00055	.00342	.00024	.00149
SDev	.00085	.00213	.00645	.00020	.00005	.00024	.00023
%RSD	38.037	243.55	148.67	36.200	1.4357	103.25	15.436

#1	.00162	.00063	-.00022	.00069	.00339	.00006	.00165
#2	.00282	-.00238	.00890	.00041	.00346	.00041	.00133

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00029	.00039
SDev	.00157	.00106
%RSD	549.80	270.44

#1	.00140	.00114
#2	-.00082	-.00036

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3973	--	--	--	--	--	--
SDev	25.03151	--	--	--	--	--	--
%RSD	.6301039	--	--	--	--	--	--
#1	3955	--	--	--	--	--	--
#2	3990	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836591/L (1:5) Operator: AH
 Run Time: 07/01/08 11:04:03
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00725	.00096	.07113	.03123	-.00005	20.035	-.00023
SDev	.00236	.00089	.00085	.00008	.00000	.017	.00010
%RSD	32.534	93.500	1.1979	.26076	8.4536	.08324	44.113

#1	.00558	.00032	.07173	.03129	-.00006	20.024	-.00016
#2	.00891	.00159	.07052	.03117	-.00005	20.047	-.00030

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00024	-.00267	1.4462	3.8010	10.697	.03225
SDev	.00010	.00011	.00050	.0142	.0245	.021	.00004
%RSD	31.507	45.421	18.877	.98078	.64347	.19972	.12763

#1	.00025	.00016	-.00303	1.4562	3.8183	10.712	.03228
#2	.00039	.00032	-.00232	1.4361	3.7837	10.681	.03222

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	8.4942	-.00010	.00545	-.00181	.00061	.00231
SDev	.00060	.0879	.00016	.00321	.00334	.00116	.00267
%RSD	63.091	1.0350	162.49	58.920	184.40	191.71	115.74

#1	.00139	8.5564	-.00021	.00772	-.00418	-.00022	.00420
#2	.00053	8.4321	.00001	.00318	.00055	.00143	.00042

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00164	.00165	.00264	.00055	.00191	-.00002	-.00012
SDev	.00160	.00534	.00134	.00016	.00208	.00000	.00028
%RSD	97.741	323.38	50.734	29.839	108.89	.91957	236.28

#1	-.00051	.00543	.00359	.00067	.00338	-.00002	-.00032
#2	-.00278	-.00213	.00169	.00043	.00044	-.00002	.00008

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00218	.00067
SDev	.00015	.00001
%RSD	6.8486	1.7144

#1	.00228	.00068
#2	.00207	.00066

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3982	--	--	--	--	--	--
SDev	.3181635	--	--	--	--	--	--
%RSD	.0079898	--	--	--	--	--	--
#1	3982	--	--	--	--	--	--
#2	3982	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836591/PS Operator: AH
 Run Time: 07/01/08 11:09:27
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.164	.21888	.55614	.36538	.20526	109.43	.20265
SDev	.010	.00153	.00012	.00028	.00005	.01	.00019
%RSD	.09494	.69770	.02214	.07766	.02575	.00543	.09210
#1	10.157	.21996	.55622	.36518	.20522	109.42	.20278
#2	10.171	.21780	.55605	.36558	.20530	109.43	.20252
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20599	.20515	.20330	17.360	30.131	63.358	.36307
SDev	.00015	.00089	.00068	.002	.013	.035	.00015
%RSD	.07133	.43203	.33324	.00935	.04300	.05578	.03984
#1	.20589	.20452	.20282	17.361	30.141	63.383	.36318
#2	.20610	.20577	.20377	17.359	30.122	63.333	.36297
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20894	51.238	.20646	.19810	.20920	.20550	.20696
SDev	.00113	.067	.00026	.00140	.00188	.00079	.00177
%RSD	.53897	.13005	.12423	.70929	.89960	.38312	.85342
#1	.20815	51.191	.20628	.19910	.20786	.20495	.20571
#2	.20974	51.285	.20664	.19711	.21053	.20606	.20821
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21796	.19845	.21121	.21349	.20338	.21083	.20232
SDev	.00392	.00163	.00183	.00018	.00162	.00007	.00013
%RSD	1.7962	.82194	.86822	.08577	.79869	.03193	.06586
#1	.21519	.19730	.20992	.21336	.20224	.21079	.20242
#2	.22073	.19961	.21251	.21362	.20453	.21088	.20223
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.09664	.04994
SDev	.00080	.00001
%RSD	.82582	.01843

#1	.09608	.04993
#2	.09720	.04994

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3859	--	--	--	--	--	--
SDev	1.113659	--	--	--	--	--	--
%RSD	.0288586	--	--	--	--	--	--
#1	3858	--	--	--	--	--	--
#2	3860	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836592/MS Operator: AH
 Run Time: 07/01/08 11:14:51
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.385	.22038	.58247	.37767	.20764	114.39	.20284
SDev	.074	.00034	.00359	.00320	.00120	.85	.00036
%RSD	.71336	.15664	.61554	.84784	.57611	.74136	.17590
#1	10.437	.22013	.58500	.37993	.20848	114.99	.20310
#2	10.332	.22062	.57993	.37540	.20679	113.79	.20259
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20015	.20815	.20966	17.940	31.490	66.369	.37307
SDev	.00022	.00080	.00071	.008	.082	.034	.00072
%RSD	.10801	.38304	.33768	.04499	.26160	.05159	.19368
#1	.20000	.20758	.21016	17.945	31.549	66.393	.37358
#2	.20030	.20871	.20916	17.934	31.432	66.345	.37256
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21655	54.993	.21012	.20411	.21052	.20839	.20837
SDev	.00134	.193	.00042	.00371	.00056	.00161	.00001
%RSD	.61653	.35109	.20200	1.8184	.26854	.77406	.00390
#1	.21560	55.129	.21042	.20149	.21012	.20725	.20837
#2	.21749	54.856	.20982	.20674	.21092	.20953	.20836
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22126	.20363	.21074	.21582	.20865	.21321	.20919
SDev	.00457	.00456	.00229	.00101	.00025	.00123	.00072
%RSD	2.0666	2.2409	1.0885	.46674	.11964	.57492	.34504
#1	.21802	.20040	.21236	.21653	.20847	.21234	.20971
#2	.22449	.20686	.20912	.21511	.20883	.21407	.20868
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.21003	.05337
SDev	.00188	.00095
%RSD	.89651	1.7855

#1	.20870	.05270
#2	.21136	.05405

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3855	--	--	--	--	--	--
SDev	14.74324	--	--	--	--	--	--
%RSD	.3824373	--	--	--	--	--	--
#1	3845	--	--	--	--	--	--
#2	3866	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836593/SD Operator: AH
 Run Time: 07/01/08 11:20:14
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.301	.22216	.56941	.36902	.20773	113.40	.20445
SDev	.037	.00512	.00183	.00159	.00052	.26	.00099
%RSD	.36350	2.3050	.32179	.43019	.24801	.23316	.48526
#1	10.275	.21854	.57071	.36790	.20736	113.21	.20515
#2	10.328	.22578	.56812	.37014	.20809	113.59	.20375
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20177	.20826	.20856	17.729	30.580	65.888	.37590
SDev	.00090	.00040	.00053	.067	.055	.250	.00088
%RSD	.44689	.19280	.25266	.37864	.17880	.38006	.23414
#1	.20241	.20855	.20818	17.777	30.618	66.065	.37652
#2	.20113	.20798	.20893	17.682	30.541	65.711	.37527
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21706	51.725	.21092	.20478	.21229	.20979	.21044
SDev	.00145	.208	.00010	.00056	.00102	.00086	.00471
%RSD	.66624	.40119	.04844	.27085	.47957	.41172	2.2398
#1	.21808	51.872	.21099	.20518	.21301	.21040	.21377
#2	.21604	51.578	.21084	.20439	.21157	.20918	.20711
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.22358	.19884	.21624	.21560	.21520	.21381	.21034
SDev	.00420	.00798	.00308	.00012	.00616	.00049	.00059
%RSD	1.8804	4.0130	1.4245	.05536	2.8621	.22852	.27960
#1	.22655	.20448	.21842	.21552	.21955	.21416	.21076
#2	.22061	.19320	.21406	.21569	.21084	.21347	.20993
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.21419	.05378
SDev	.00048	.00076
%RSD	.22212	1.4044

#1	.21452	.05432
#2	.21385	.05325

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3987	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.0598550	--	--	--	--	--	--
#1	3989	--	--	--	--	--	--
#2	3985	--	--	--	--	--	--

Analysis Report

07/01/08 11:30:58 AM

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Method: TRACE2 Sample Name: AD836594

Operator: AH

Run Time: 07/01/08 11:25:37

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14393	.00389	1.0073	.70938	-.00005	91.819	-.00014
SDev	.00130	.00064	.0002	.00210	.00001	.271	.00013
%RSD	.90645	16.491	.01819	.29587	21.084	.29462	94.171

#1	.14486	.00344	1.0074	.71086	-.00006	92.011	-.00023
#2	.14301	.00435	1.0071	.70789	-.00005	91.628	-.00005

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00204	.00164	-.00118	2.2790	39.525	78.759	.11314
SDev	.00053	.00015	.00056	.0002	.010	.077	.00009
%RSD	26.005	9.1206	47.133	.00840	.02563	.09788	.07759

#1	.00167	.00153	-.00157	2.2789	39.532	78.814	.11320
#2	.00242	.00174	-.00079	2.2791	39.518	78.705	.11308

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00163	189.55	.00703	.00131	.00137	.00135	.00060
SDev	.00089	.22	.00052	.00193	.00148	.00034	.00231
%RSD	54.627	.11438	7.3176	148.07	108.04	25.397	385.88

#1	.00226	189.70	.00667	.00267	.00032	.00111	-.00103
#2	.00100	189.40	.00740	-.00006	.00241	.00159	.00223

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	-.00317	.00248	.00432	-.00088	.00085	-.00043
SDev	.00475	.00856	.00082	.00055	.00564	.00013	.00006
%RSD	452.81	270.30	32.919	12.624	639.45	14.842	14.860

#1	-.00231	-.00922	.00306	.00393	-.00487	.00076	-.00038
#2	.00441	.00289	.00190	.00470	.00311	.00094	-.00047

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00177	-.00023
SDev	.00212	.00028
%RSD	120.11	120.10

#1	.00027	-.00003
#2	.00326	-.00043

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3952	--	--	--	--	--	--
SDev	6.894291	--	--	--	--	--	--
%RSD	.1744451	--	--	--	--	--	--
#1	3957	--	--	--	--	--	--
#2	3947	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836595 Operator: AH
 Run Time: 07/01/08 11:31:01
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61855	.00158	.13267	.12091	.00009	123.48	-.00012
SDev	.00746	.00017	.00098	.00019	.00003	.40	.00002
%RSD	1.2062	10.469	.73908	.15710	27.529	.32707	15.908

#1	.62383	.00170	.13337	.12105	.00011	123.77	-.00011
#2	.61328	.00147	.13198	.12078	.00008	123.19	-.00014

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00671	.03853	.00753	3.0975	8.0477	55.461	.77637
SDev	.00007	.00005	.00065	.0007	.0137	.079	.00144
%RSD	.97833	.12603	8.6202	.02136	.17005	.14240	.18556

#1	.00666	.03856	.00798	3.0970	8.0573	55.517	.77739
#2	.00675	.03850	.00707	3.0980	8.0380	55.405	.77535

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00221	13.743	.13691	.00658	.00096	.00283	.00359
SDev	.00075	.104	.00018	.00367	.00347	.00110	.00026
%RSD	33.829	.75794	.12847	55.787	360.70	38.626	7.1003

#1	.00168	13.817	.13703	.00398	.00342	.00361	.00341
#2	.00273	13.670	.13678	.00918	-.00149	.00206	.00377

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00223	.00271	.00403	.02730	.00142	.00166	.01280
SDev	.00147	.00590	.00257	.00031	.00140	.00014	.00001
%RSD	65.861	217.56	63.694	1.1472	98.896	8.3155	.10231

#1	.00119	-.00146	.00585	.02707	.00043	.00176	.01280
#2	.00327	.00688	.00222	.02752	.00241	.00156	.01279

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00170	.00004
SDev	.00196	.00068
%RSD	115.53	1579.0

#1	.00031	-.00044
#2	.00309	.00053

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3874	--	--	--	--	--	--
SDev	22.69803	--	--	--	--	--	--
%RSD	.5858877	--	--	--	--	--	--
#1	3858	--	--	--	--	--	--
#2	3890	--	--	--	--	--	--

Analysis Report

07/01/08 11:41:45 AM

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Method: TRACE2 Sample Name: AD836596 Operator: AH
 Run Time: 07/01/08 11:36:24
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08737	.00411	.13971	.12209	-.00007	75.483	-.00033
SDev	.00076	.00076	.00117	.00015	.00001	.014	.00001
%RSD	.86476	18.512	.83717	.12609	9.7837	.01792	1.7683

#1	.08683	.00465	.13888	.12219	-.00006	75.474	-.00033
#2	.08790	.00357	.14054	.12198	-.00007	75.493	-.00033

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	.01364	.00059	.78832	2.3626	59.144	.86834
SDev	.00012	.00016	.00002	.00430	.0049	.137	.00100
%RSD	8.9351	1.2069	3.4255	.54508	.20934	.23117	.11494

#1	.00130	.01352	.00061	.78528	2.3661	59.047	.86764
#2	.00148	.01375	.00058	.79136	2.3591	59.240	.86905

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00625	29.407	.02003	.00409	.00004	.00139	.00194
SDev	.00010	.082	.00007	.00351	.00060	.00077	.00245
%RSD	1.6267	.27814	.37438	85.873	1606.0	55.654	126.43

#1	.00632	29.465	.02008	.00657	-.00038	.00193	.00367
#2	.00617	29.349	.01997	.00161	.00046	.00084	.00021

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	-.00042	.00312	.00341	.00036	-.00014	.00023
SDev	.00210	.00640	.00048	.00000	.00016	.00055	.00035
%RSD	90.593	1528.6	15.269	.08196	45.174	395.98	153.24

#1	.00381	.00411	.00345	.00342	.00047	-.00053	-.00002
#2	.00083	-.00494	.00278	.00341	.00024	.00025	.00048

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00136	-.00019
SDev	.00062	.00041
%RSD	45.949	211.15

#1	.00180	-.00048
#2	.00092	.00010

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4004	--	--	--	--	--	--
SDev	.5303301	--	--	--	--	--	--
%RSD	.0132459	--	--	--	--	--	--
#1	4004	--	--	--	--	--	--
#2	4003	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836597 Operator: AH
 Run Time: 07/01/08 11:41:48
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03940	.00236	.74118	.45069	-.00005	154.73	-.00005
SDev	.00042	.00111	.00059	.00273	.00000	1.04	.00014
%RSD	1.0540	47.080	.07946	.60583	5.5719	.67345	288.88

#1	.03911	.00157	.74159	.45262	-.00005	155.46	.00005
#2	.03969	.00315	.74076	.44876	-.00005	153.99	-.00015

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00315	.06003	-.00030	10.515	5.1438	105.69	.28022
SDev	.00072	.00034	.00048	.030	.0217	.20	.00048
%RSD	22.710	.56781	158.38	.28669	.42227	.19353	.16981

#1	.00365	.06027	.00004	10.536	5.1592	105.84	.28056
#2	.00264	.05979	-.00064	10.494	5.1285	105.55	.27989

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00156	162.61	.03434	.00213	.00055	.00108	.00015
SDev	.00003	.91	.00068	.00471	.00045	.00127	.00065
%RSD	2.1971	.56257	1.9880	221.29	81.457	117.97	443.89

#1	.00158	163.26	.03482	-.00120	.00087	.00018	.00061
#2	.00153	161.97	.03386	.00546	.00023	.00197	-.00031

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	-.00275	.00159	.00085	.00197	.00134	.00049
SDev	.00130	.00237	.00021	.00032	.00324	.00026	.00022
%RSD	51.151	86.246	13.045	38.332	164.36	19.069	45.031

#1	.00346	-.00107	.00145	.00062	.00426	.00152	.00033
#2	.00162	-.00442	.00174	.00108	-.00032	.00116	.00064

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00087	.00043
SDev	.00064	.00045
%RSD	74.047	104.77

#1	.00041	.00075
#2	.00132	.00011

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3943	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.3228000	--	--	--	--	--	--
#1	3934	--	--	--	--	--	--
#2	3952	--	--	--	--	--	--

Analysis Report

QC Standard

07/01/08 11:54:00 AM

page 1

Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/01/08 11:48:40

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.244	.50912	.49117	.52456	.50656	25.452	.49909
SDev	.062	.00681	.00006	.00077	.00103	.074	.00082
%RSD	.24407	1.3382	.01301	.14723	.20226	.29077	.16442
#1	25.200	.50430	.49113	.52401	.50583	25.400	.49851
#2	25.287	.51394	.49122	.52510	.50728	25.505	.49967
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49898	.52129	.50553	25.167	25.023	25.121	.50899
SDev	.00076	.00070	.00103	.032	.053	.037	.00024
%RSD	.15166	.13440	.20325	.12904	.21164	.14897	.04669
#1	.49845	.52080	.50481	25.145	24.986	25.094	.50882
#2	.49952	.52179	.50626	25.190	25.061	25.147	.50916
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50098	24.843	.51047	.50643	.52518	.51894	.51809
SDev	.00246	.197	.00206	.00590	.00232	.00351	.00603
%RSD	.49025	.79469	.40269	1.1651	.44150	.67665	1.1637
#1	.49924	24.703	.50902	.50226	.52354	.51645	.51383
#2	.50272	24.983	.51193	.51060	.52682	.52142	.52235
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52965	.50358	.52535	.53757	.51232	.50852	.50801
SDev	.00101	.00632	.00588	.00188	.00539	.00098	.00062
%RSD	.19065	1.2560	1.1195	.34973	1.0528	.19281	.12246
#1	.52894	.49911	.52119	.53624	.50851	.50783	.50757
#2	.53036	.50805	.52951	.53890	.51614	.50921	.50845
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50600	.49334
SDev	.00192	.00087
%RSD	.37967	.17660

#1	.50464	.49273
#2	.50735	.49396

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3960	--	--	--	--	--	--
SDev	30.33481	--	--	--	--	--	--
%RSD	.7660161	--	--	--	--	--	--
#1	3982	--	--	--	--	--	--
#2	3939	--	--	--	--	--	--

Analysis Report

Blank Sample

07/01/08 11:59:24 AM

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Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/01/08 11:54:04

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02109	.00115	.00081	.00013	.00008	.01527	.00011
SDev	.00411	.00156	.00003	.00013	.00002	.00041	.00016
%RSD	19.515	135.73	3.3780	97.860	24.620	2.7055	144.11
#1	.02400	.00005	.00083	.00004	.00010	.01556	.00023
#2	.01818	.00225	.00079	.00022	.00007	.01498	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.00052	-.00216	.01496	.02553	.01990	.00019
SDev	.00027	.00034	.00034	.00466	.01978	.00314	.00003
%RSD	53.563	65.025	15.599	31.153	77.478	15.772	13.396
#1	.00070	.00075	-.00192	.01166	.03952	.01768	.00021
#2	.00032	.00028	-.00240	.01825	.01155	.02212	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00210	.08624	.00012	.00349	.00113	.00192	.00143
SDev	.00133	.19855	.00031	.00371	.00004	.00121	.00303
%RSD	63.515	230.22	246.58	106.32	3.9182	63.007	211.19
#1	.00116	-.05415	.00034	.00087	.00116	.00106	.00357
#2	.00304	.22664	-.00009	.00612	.00110	.00277	-.00071
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00315	.00055	.00187	.00039	.00156	.00091	-.00012
SDev	.00093	.00272	.00590	.00046	.00131	.00031	.00007
%RSD	29.336	490.23	314.99	118.28	84.022	33.674	59.597
#1	.00381	-.00137	.00604	.00006	.00248	.00113	-.00017
#2	.00250	.00248	-.00230	.00072	.00063	.00070	-.00007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00175	.00131
SDev	.00258	.00031
%RSD	147.75	23.353

#1	.00357	.00109
#2	-.00008	.00153

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3999	--	--	--	--	--	--
SDev	4.136471	--	--	--	--	--	--
%RSD	.1034473	--	--	--	--	--	--
#1	3996	--	--	--	--	--	--
#2	4002	--	--	--	--	--	--

Analysis Report

07/01/08 12:12:41 PM

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Method: TRACE2 Sample Name: AD836598 Operator: AH
 Run Time: 07/01/08 12:07:20
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04955	.00291	.10558	.07093	-.00007	49.273	-.00009
SDev	.00270	.00066	.00001	.00028	.00000	.209	.00011
%RSD	5.4467	22.840	.01049	.39452	2.0975	.42365	130.77

#1	.05145	.00338	.10558	.07073	-.00007	49.126	-.00001
#2	.04764	.00244	.10557	.07113	-.00007	49.421	-.00017

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	.00200	-.00112	2.2632	1.7245	37.172	.18298
SDev	.00000	.00011	.00023	.0060	.0142	.116	.00036
%RSD	.01547	5.2751	20.879	.26505	.82205	.31232	.19515

#1	.00046	.00193	-.00096	2.2589	1.7145	37.090	.18273
#2	.00046	.00208	-.00129	2.2674	1.7345	37.254	.18324

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00323	16.772	.00095	.00144	.00162	.00156	.00169
SDev	.00091	.104	.00034	.00477	.00326	.00059	.00031
%RSD	28.106	.61712	35.740	331.90	200.96	37.610	18.454

#1	.00259	16.845	.00119	-.00194	.00393	.00198	.00147
#2	.00387	16.699	.00071	.00481	-.00068	.00115	.00191

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00180	.00190	.00159	.00073	.00093	.00066	.00023
SDev	.00288	.01118	.00512	.00014	.00234	.00000	.00001
%RSD	159.69	588.24	322.80	19.550	252.94	.13455	2.7827

#1	-.00023	-.00601	.00521	.00063	.00258	.00067	.00023
#2	.00383	.00981	-.00204	.00083	-.00073	.00066	.00022

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00033	.00014
SDev	.00014	.00074
%RSD	41.984	548.43

#1	.00043	-.00039
#2	.00024	.00066

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3987	--	--	--	--	--	--
SDev	5.939628	--	--	--	--	--	--
%RSD	.1489833	--	--	--	--	--	--
#1	3983	--	--	--	--	--	--
#2	3991	--	--	--	--	--	--

Analysis Report

07/01/08 12:18:04 PM

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Method: TRACE2 Sample Name: AD836599 Operator: AH
 Run Time: 07/01/08 12:12:44
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.25881	.00044	.06330	.11072	.00005	75.454	-.00013
SDev	.01615	.00150	.00129	.00084	.00007	.645	.00025
%RSD	6.2393	342.74	2.0416	.75623	136.51	.85480	193.06

#1	.24739	-.00062	.06239	.11131	.00011	75.910	-.00031
#2	.27023	.00150	.06421	.11013	.00000	74.998	.00005

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00092	-.00075	1.1357	1.4131	41.560	.02167
SDev	.00061	.00057	.00192	.0183	.0380	.023	.00015
%RSD	358.51	61.855	256.02	1.6114	2.6876	.05532	.67759

#1	-.00026	.00052	-.00211	1.1228	1.4400	41.544	.02157
#2	.00060	.00132	.00061	1.1487	1.3863	41.576	.02178

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00456	10.691	.00058	-.00325	.00493	.00221	.00215
SDev	.00213	.274	.00093	.01504	.00653	.00066	.00185
%RSD	46.714	2.5660	160.14	462.91	132.31	29.688	85.875

#1	.00607	10.885	-.00008	.00739	.00032	.00267	.00346
#2	.00306	10.497	.00124	-.01389	.00955	.00174	.00084

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00354	-.00492	.00569	.00689	.00403	.00015	.00053
SDev	.00051	.01086	.00266	.00088	.00168	.00111	.00053
%RSD	14.540	220.73	46.740	12.776	41.673	724.97	100.01

#1	-.00390	.00276	.00381	.00751	.00284	-.00063	.00016
#2	-.00318	-.01260	.00757	.00627	.00522	.00094	.00091

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00124	-.00128
SDev	.00200	.00245
%RSD	161.37	192.09

#1	.00017	.00046
#2	-.00265	-.00301

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3957	--	--	--	--	--	--
SDev	62.89711	--	--	--	--	--	--
%RSD	1.589364	--	--	--	--	--	--
#1	3913	--	--	--	--	--	--
#2	4002	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836600 Operator: AH
 Run Time: 07/01/08 12:18:08
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03401	-.00049	.00587	-.00002	-.00011	.13021	-.00000
SDev	.00055	.00152	.00006	.00005	.00000	.00041	.00001
%RSD	1.6037	312.32	1.0288	255.61	.40100	.31313	747.72

#1	.03363	.00059	.00592	.00002	-.00011	.12992	-.00001
#2	.03440	-.00156	.00583	-.00005	-.00011	.13050	.00001

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	.00023	-.00174	.00863	.01099	.01036	.00018
SDev	.00015	.00015	.00002	.01157	.01288	.00442	.00001
%RSD	376.84	66.164	1.1570	134.12	117.18	42.691	7.0004

#1	-.00007	.00034	-.00173	.01681	.02010	.01349	.00017
#2	.00014	.00012	-.00176	.00045	.00188	.00723	.00019

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00004	-.35330	-.00046	-.00141	.00499	.00286	.00182
SDev	.00134	.34835	.00053	.00139	.00156	.00058	.00597
%RSD	3711.6	98.598	114.57	98.475	31.213	20.178	328.33

#1	.00098	-.10698	-.00009	-.00043	.00389	.00245	-.00240
#2	-.00091	L-.59962	-.00083	-.00239	.00609	.00327	.00604

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00163	-.00265	.00406	-.00038	-.00059	.00026	.00130
SDev	.00347	.00323	.00735	.00018	.00093	.00000	.00042
%RSD	212.65	121.75	181.17	46.127	156.33	.27021	32.149

#1	.00082	-.00493	-.00114	-.00026	-.00125	.00026	.00160
#2	-.00408	-.00037	.00925	-.00051	.00006	.00026	.00101

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00120	-.00072
SDev	.00114	.00081
%RSD	94.541	113.13

#1	-.00040	-.00014
#2	-.00201	-.00129

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4034	--	--	--	--	--	--
SDev	.4773316	--	--	--	--	--	--
%RSD	.0118336	--	--	--	--	--	--
#1	4034	--	--	--	--	--	--
#2	4033	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836601 Operator: AH
 Run Time: 07/01/08 12:23:32
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02492	-.00130	.00564	.00002	-.00010	.09029	-.00016
SDev	.00151	.00010	.00026	.00012	.00002	.00020	.00009
%RSD	6.0457	7.7156	4.5872	479.64	21.241	.22146	55.804

#1	.02385	-.00137	.00546	.00011	-.00009	.09015	-.00009
#2	.02598	-.00123	.00583	-.00006	-.00012	.09043	-.00022

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00049	-.00010	-.00196	.06914	.00943	.00341	.00032
SDev	.00060	.00031	.00005	.00304	.00181	.00075	.00000
%RSD	122.23	316.76	2.4037	4.3917	19.237	21.853	.37157

#1	-.00091	-.00032	-.00193	.06700	.01072	.00288	.00032
#2	-.00007	.00012	-.00199	.07129	.00815	.00394	.00032

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.03660	-.00083	.00100	.00109	.00106	.00201
SDev	.00050	.20347	.00038	.00079	.00161	.00081	.00336
%RSD	1049.6	555.99	45.445	78.542	147.52	76.326	167.70

#1	-.00040	.18047	-.00056	.00156	-.00005	.00049	-.00037
#2	.00030	-.10728	-.00109	.00045	.00223	.00163	.00438

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00226	.00206	.00198	-.00004	.00085	-.00000	.00211
SDev	.00067	.00361	.00324	.00020	.00075	.00025	.00027
%RSD	29.886	174.75	164.02	464.45	87.981	11804.	12.781

#1	-.00273	-.00049	-.00032	.00010	.00032	.00017	.00192
#2	-.00178	.00461	.00427	-.00019	.00138	-.00018	.00230

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00041	-.00057
SDev	.00281	.00042
%RSD	677.96	73.930

#1	-.00240	-.00087
#2	.00157	-.00027

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4017	--	--	--	--	--	--
SDev	13.09908	--	--	--	--	--	--
%RSD	.3261186	--	--	--	--	--	--
#1	4007	--	--	--	--	--	--
#2	4026	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836602 Operator: AH
 Run Time: 07/01/08 12:28:56
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20970	.00049	.98964	.69251	-.00004	92.147	-.00014
SDev	.00120	.00130	.00124	.00349	.00003	.567	.00007
%RSD	.57444	268.29	.12487	.50346	72.114	.61549	51.458

#1	.21056	.00141	.98877	.69498	-.00002	92.548	-.00009
#2	.20885	-.00044	.99052	.69005	-.00007	91.746	-.00020

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00202	.00171	-.00118	2.3377	38.808	79.172	.11535
SDev	.00011	.00015	.00051	.0032	.090	.084	.00020
%RSD	5.5830	8.7962	43.200	.13825	.23129	.10564	.16999

#1	.00210	.00182	-.00154	2.3400	38.871	79.231	.11549
#2	.00194	.00161	-.00082	2.3354	38.744	79.113	.11521

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00186	185.77	.00684	.00247	.00075	.00132	.00169
SDev	.00071	.95	.00002	.00005	.00011	.00006	.00359
%RSD	37.941	.51156	.29476	2.1193	14.512	4.1662	212.25

#1	.00236	186.45	.00686	.00251	.00067	.00129	.00423
#2	.00136	185.10	.00683	.00244	.00083	.00136	-.00085

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00069	-.00158	.00333	.00658	.00021	.00141	.00056
SDev	.00098	.00660	.00209	.00037	.00082	.00045	.00077
%RSD	141.78	418.63	62.720	5.6082	390.92	31.676	136.08

#1	-.00139	.00309	.00480	.00684	.00079	.00173	.00002
#2	.00000	-.00625	.00185	.00632	-.00037	.00110	.00110

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00044	.00020
SDev	.00117	.00026
%RSD	264.88	130.98

#1	-.00038	.00039
#2	.00127	.00001

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3971	--	--	--	--	--	--
SDev	30.28181	--	--	--	--	--	--
%RSD	.7625763	--	--	--	--	--	--
#1	3950	--	--	--	--	--	--
#2	3992	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836603 Operator: AH
 Run Time: 07/01/08 12:34:21
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.36166	-.00021	.06312	.11219	-.00003	75.604	.00002
SDev	.00451	.00081	.00144	.00078	.00001	.269	.00010
%RSD	1.2462	393.87	2.2793	.69216	28.631	.35595	539.74

#1	.36485	-.00078	.06210	.11164	-.00002	75.413	-.00005
#2	.35847	.00037	.06413	.11274	-.00004	75.794	.00009

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	.00164	-.00086	1.0927	1.4327	40.716	.02124
SDev	.00045	.00042	.00061	.0075	.0101	.175	.00005
%RSD	84.901	25.627	71.089	.68473	.70253	.43073	.22301

#1	.00021	.00134	-.00043	1.0980	1.4398	40.840	.02120
#2	.00085	.00193	-.00129	1.0874	1.4256	40.592	.02127

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00563	10.792	.00117	-.00206	.00234	.00087	.00121
SDev	.00005	.253	.00049	.00203	.00192	.00196	.00212
%RSD	.94501	2.3415	41.444	98.435	82.013	223.77	174.36

#1	.00567	10.971	.00151	-.00350	.00098	-.00051	.00271
#2	.00559	10.614	.00083	-.00063	.00370	.00226	-.00028

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00094	-.00581	.00473	.00641	.00161	.00033	.00121
SDev	.00637	.00169	.00233	.00035	.00424	.00024	.00016
%RSD	678.10	29.037	49.348	5.4090	262.82	72.683	13.194

#1	-.00356	-.00462	.00637	.00617	.00461	.00051	.00110
#2	.00544	-.00700	.00308	.00666	-.00138	.00016	.00133

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00011	-.00023
SDev	.00184	.00024
%RSD	1621.0	101.17

#1	-.00141	-.00040
#2	.00119	-.00007

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3986	--	--	--	--	--	--
SDev	25.72101	--	--	--	--	--	--
%RSD	.6453465	--	--	--	--	--	--
#1	4004	--	--	--	--	--	--
#2	3967	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836604 Operator: AH
 Run Time: 07/01/08 12:39:45
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02698	.00007	.00431	.00023	-.00011	.08471	-.00010
SDev	.00410	.00340	.00003	.00013	.00002	.00005	.00007
%RSD	15.185	5049.3	.76197	56.265	15.626	.06064	69.409

#1	.02988	.00247	.00429	.00014	-.00010	.08475	-.00005
#2	.02408	-.00234	.00434	.00032	-.00012	.08468	-.00015

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00020	.00035	-.00175	-.00118	.00866	.00633	.00008
SDev	.00099	.00034	.00026	.00788	.01417	.00024	.00008
%RSD	482.37	96.632	14.743	666.53	163.59	3.7240	91.737

#1	.00049	.00058	-.00157	.00439	.01869	.00649	.00014
#2	-.00090	.00011	-.00194	-.00675	-.00136	.00616	.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00010	.09464	-.00055	.00084	.00289	.00220	.00368
SDev	.00035	.17182	.00044	.00323	.00173	.00008	.00167
%RSD	362.37	181.55	80.771	386.55	59.822	3.5006	45.346

#1	-.00015	-.02685	-.00024	-.00145	.00411	.00226	.00486
#2	.00034	.21613	-.00086	.00312	.00167	.00215	.00250

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00480	.00494	.00305	.00010	.00325	.00013	.00131
SDev	.00126	.00283	.00392	.00029	.00109	.00092	.00015
%RSD	26.325	57.366	128.47	294.06	33.569	704.69	11.577

#1	-.00391	.00293	.00582	-.00011	.00248	.00078	.00142
#2	-.00570	.00694	.00028	.00030	.00402	-.00052	.00121

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00014	-.00049
SDev	.00180	.00049
%RSD	1294.5	99.941

#1	.00141	-.00084
#2	-.00113	-.00014

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4020	--	--	--	--	--	--
SDev	18.82672	--	--	--	--	--	--
%RSD	.4683307	--	--	--	--	--	--
#1	4007	--	--	--	--	--	--
#2	4033	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836008/PB Operator: AH
 Run Time: 07/01/08 12:45:09
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07796	.00077	.00477	.00005	-.00012	.05005	-.00007
SDev	.00313	.00283	.00113	.00003	.00002	.00071	.00011
%RSD	4.0086	367.18	23.738	75.630	15.903	1.4113	162.34

#1	.08017	-.00123	.00557	.00002	-.00011	.05055	.00001
#2	.07575	.00277	.00397	.00007	-.00014	.04955	-.00014

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00005	-.00171	-.00216	.01540	.00215	.00007
SDev	.00042	.00014	.00018	.00740	.01149	.00008	.00010
%RSD	866.34	254.89	10.388	342.19	74.595	3.6378	155.24

#1	.00025	.00015	-.00184	.00307	.02352	.00220	.00014
#2	-.00034	-.00004	-.00158	-.00740	.00728	.00209	-.00001

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.07862	-.00036	.00118	.00118	.00118	.00014
SDev	.00041	.14916	.00061	.00270	.00302	.00111	.00141
%RSD	1619.7	189.73	170.92	228.71	256.10	94.468	1007.6

#1	.00026	-.02685	.00007	-.00073	.00331	.00197	-.00086
#2	-.00031	.18409	-.00079	.00309	-.00096	.00039	.00114

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.00462	.74580	.00242			.00638	.01342
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00223	-.00208	.00125	.00012	.00016	.00009	.00181
SDev	.00017	.00837	.00207	.00003	.00337	.00049	.00030
%RSD	7.7440	402.84	165.74	23.227	2101.6	570.55	16.385

#1	-.00211	-.00800	.00271	.00014	.00255	.00043	.00202
#2	-.00236	.00384	-.00021	.00010	-.00223	-.00026	.00160

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.01232			.00128	.01408	.00172	.00792
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00019	-.00048
SDev	.00196	.00000
%RSD	1041.2	.64677

#1	-.00158	-.00048
#2	.00120	-.00048

Errors	LC Pass	LC Pass
High	.00814	.00220
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4022	--	--	--	--	--	--
SDev	21.10721	--	--	--	--	--	--
%RSD	.5248492	--	--	--	--	--	--
#1	4007	--	--	--	--	--	--
#2	4037	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836007/FB Operator: AH
 Run Time: 07/01/08 12:50:32
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.134	.20903	.20241	.21208	.20453	10.260	.20403
SDev	.050	.00189	.00068	.00115	.00110	.051	.00001
%RSD	.49426	.90482	.33646	.54246	.53819	.49681	.00474
#1	10.169	.21036	.20193	.21290	.20531	10.296	.20403
#2	10.099	.20769	.20289	.21127	.20375	10.224	.20402
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19673	.20597	.20612	10.327	10.014	10.120	.20582
SDev	.00017	.00050	.00094	.008	.015	.006	.00029
%RSD	.08498	.24067	.45479	.07338	.14903	.06194	.13902
#1	.19661	.20562	.20678	10.322	10.004	10.116	.20562
#2	.19684	.20632	.20546	10.332	10.025	10.125	.20603
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21173	10.071	.20617	.20315	.21195	.20902	.20500
SDev	.00055	.020	.00043	.00127	.00094	.00021	.00068
%RSD	.25805	.19543	.20727	.62549	.44512	.09861	.33206
#1	.21134	10.057	.20586	.20405	.21128	.20887	.20452
#2	.21211	10.085	.20647	.20226	.21262	.20917	.20548
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21150	.19782	.20859	.21352	.20793	.21006	.21306
SDev	.00217	.00419	.00107	.00075	.00310	.00048	.00048
%RSD	1.0244	2.1157	.51371	.35076	1.4911	.22930	.22732
#1	.20997	.19486	.20935	.21405	.21013	.20972	.21272
#2	.21303	.20078	.20783	.21299	.20574	.21040	.21340
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.21042	.05236
SDev	.00110	.00002
%RSD	.52275	.04562

#1	.20965	.05237
#2	.21120	.05234

Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4042	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0026222	--	--	--	--	--	--
#1	4042	--	--	--	--	--	--
#2	4042	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD835987 Operator: AH
 Run Time: 07/01/08 12:55:56
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38706	.00247	.22577	.14759	.00031	349.96	.00001
SDev	.00483	.00332	.00043	.00245	.00004	6.15	.00000
%RSD	1.2465	134.52	.19031	1.6608	12.234	1.7581	45.344

#1	.38365	.00012	.22547	.14932	.00034	354.31	.00001
#2	.39047	.00482	.22608	.14585	.00028	345.61	.00001

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00432	-.00071	.04144	46.224	2.5818	.00130
SDev	.00060	.00006	.00171	.01444	.109	.0175	.00004
%RSD	208.92	1.3469	241.90	34.852	.23580	.67658	3.2235

#1	-.00014	.00428	-.00192	.03123	46.147	2.5942	.00127
#2	.00071	.00436	.00050	.05165	46.301	2.5695	.00133

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04590	H1807.5	.00335	-.00458	.00437	.00139	.00531
SDev	.00224	19.4	.00077	.00911	.00622	.00111	.00280
%RSD	4.8756	1.0728	22.938	198.95	142.27	80.097	52.731

#1	.04749	H1821.2	.00280	.00186	-.00003	.00060	.00333
#2	.04432	H1793.8	.00389	-.01103	.00877	.00218	.00729

Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	.00285	.00653	-.00009	.00090	.02297	.00273
SDev	.00683	.00741	.00790	.00029	.00076	.00008	.00039
%RSD	1066.7	259.43	120.94	339.10	83.730	.33088	14.165

#1	.00547	.00809	.00095	.00012	.00144	.02302	.00245
#2	-.00419	-.00238	.01212	-.00029	.00037	.02291	.00300

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00082	-.00089
SDev	.00285	.00255
%RSD	347.32	285.39

#1	.00284	.00091
#2	-.00120	-.00269

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3501	--	--	--	--	--	--
SDev	43.00973	--	--	--	--	--	--
%RSD	1.228328	--	--	--	--	--	--
#1	3471	--	--	--	--	--	--
#2	3532	--	--	--	--	--	--

Analysis Report

QC Standard

07/01/08 01:08:09 PM

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Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/01/08 13:02:48

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.196	.50951	.48961	.52502	.50397	25.417	.49807
SDev	.035	.00485	.00099	.00050	.00082	.020	.00074
%RSD	.14083	.95193	.20178	.09449	.16284	.07922	.14900
#1	25.222	.50608	.49030	.52537	.50455	25.431	.49755
#2	25.171	.51294	.48891	.52466	.50339	25.402	.49860
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49845	.52034	.50332	25.069	24.889	25.204	.50818
SDev	.00048	.00030	.00045	.017	.048	.025	.00025
%RSD	.09706	.05661	.08887	.06718	.19308	.09799	.05006
#1	.49810	.52013	.50364	25.057	24.923	25.187	.50800
#2	.49879	.52055	.50301	25.081	24.855	25.222	.50836
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49928	24.745	.50859	.49962	.52317	.51533	.51554
SDev	.00321	.030	.00113	.00157	.00194	.00182	.00194
%RSD	.64313	.12290	.22280	.31345	.37171	.35290	.37597
#1	.49701	24.724	.50940	.50073	.52455	.51661	.51417
#2	.50155	24.767	.50779	.49851	.52179	.51404	.51691
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53705	.49783	.52441	.53883	.50671	.51060	.51019
SDev	.00056	.00536	.00023	.00063	.00042	.00123	.00163
%RSD	.10397	1.0764	.04350	.11594	.08350	.24150	.32036
#1	.53665	.49404	.52425	.53927	.50701	.50973	.50903
#2	.53744	.50162	.52457	.53839	.50641	.51147	.51134
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50436	.49033
SDev	.00071	.00008
%RSD	.14106	.01701

#1	.50486	.49027
#2	.50386	.49038

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3976	--	--	--	--	--	--
SDev	.5303301	--	--	--	--	--	--
%RSD	.0133386	--	--	--	--	--	--
#1	3976	--	--	--	--	--	--
#2	3976	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/01/08 13:08:12

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02103	-.00164	-.00002	.00002	.00008	.01638	.00005
SDev	.00006	.00265	.00095	.00003	.00002	.00139	.00004
%RSD	.26118	161.12	3894.2	164.00	22.666	8.4932	88.707

#1	.02107	.00023	-.00069	-.00000	.00006	.01737	.00002
#2	.02099	-.00352	.00064	.00005	.00009	.01540	.00008

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00029	.00216	.00941	.02009	.01805	.00007
SDev	.00023	.00007	.00000	.00709	.00033	.00209	.00003
%RSD	1398.4	23.230	.15564	75.318	1.6607	11.597	39.555

#1	.00018	.00024	.00216	.00440	.02033	.01657	.00005
#2	-.00014	.00033	.00216	.01442	.01985	.01953	.00009

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00121	.06359	-.00015	.00045	.00085	.00071	.00560
SDev	.00057	.13444	.00037	.00137	.00024	.00029	.00219
%RSD	46.905	211.41	240.49	306.29	28.930	40.836	39.071

#1	.00161	-.03147	.00011	.00141	.00067	.00092	.00405
#2	.00081	.15865	-.00041	-.00052	.00102	.00051	.00714

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00515	.00395	.00642	-.00005	.00353	.00018	.00054
SDev	.00222	.00339	.00159	.00008	.00100	.00013	.00015
%RSD	43.114	85.820	24.683	160.62	28.265	71.229	28.697

#1	.00358	.00155	.00530	-.00010	.00423	.00009	.00043
#2	.00672	.00635	.00754	.00001	.00282	.00027	.00064

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00120	-.00024
SDev	.00026	.00039
%RSD	21.785	159.15

#1	.00102	-.00052
#2	.00138	.00003

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3982	--	--	--	--	--	--
SDev	26.83467	--	--	--	--	--	--
%RSD	.6739416	--	--	--	--	--	--
#1	4001	--	--	--	--	--	--
#2	3963	--	--	--	--	--	--

Analysis Report

07/01/08 01:18:57 PM

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Method: TRACE2 Sample Name: A8747303/SOL Operator: AH
 Run Time: 07/01/08 13:13:36
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00662	-.00055	.00969	.26584	-.00003	48.801	.00019
SDev	.00247	.00014	.00003	.00060	.00002	.072	.00014
%RSD	37.326	25.226	.30997	.22490	75.458	.14809	75.304

#1	.00837	-.00064	.00971	.26541	-.00002	48.853	.00029
#2	.00488	-.00045	.00967	.26626	-.00005	48.750	.00009

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00113	.00008	.00005	.00046	8.7220	17.169	.03039
SDev	.00047	.00034	.00019	.00551	.0125	.041	.00009
%RSD	41.180	421.38	377.95	1202.7	.14280	.23853	.28030

#1	.00146	.00032	.00019	.00435	8.7308	17.198	.03045
#2	.00080	-.00016	-.00008	-.00344	8.7132	17.140	.03033

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01103	17.093	.00090	.00065	.00200	.00155	.00193
SDev	.00062	.100	.00058	.00506	.00396	.00096	.00106
%RSD	5.6176	.58267	64.014	779.70	198.24	61.777	54.872

#1	.01059	17.023	.00131	-.00293	.00480	.00222	.00267
#2	.01146	17.164	.00049	.00422	-.00080	.00087	.00118

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	.00409	.00085	-.00036	.00170	.00026	-.00043
SDev	.00212	.00731	.00524	.00030	.00502	.00097	.00042
%RSD	341.15	178.88	618.71	81.653	294.54	370.28	98.301

#1	.00212	-.00108	.00455	-.00057	.00525	.00095	-.00013
#2	-.00088	.00925	-.00286	-.00015	-.00185	-.00042	-.00072

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00248	.00010
SDev	.00157	.00008
%RSD	63.329	75.751

#1	.00137	.00005
#2	.00358	.00016

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4059	--	--	--	--	--	--
SDev	6.310963	--	--	--	--	--	--
%RSD	.1554937	--	--	--	--	--	--
#1	4054	--	--	--	--	--	--
#2	4063	--	--	--	--	--	--

Method: TRACE2 Sample Name: A8747307/SOL Operator: AH
 Run Time: 07/01/08 13:19:00
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00496	.00479	.02642	.11842	.00001	182.19	.00700
SDev	.00101	.00013	.00143	.00018	.00000	.11	.00007
%RSD	20.378	2.6434	5.3962	.14850	2.5036	.05784	.96729
#1	.00424	.00488	.02743	.11829	.00001	182.12	.00705
#2	.00567	.00470	.02542	.11854	.00001	182.27	.00695
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00115	.00017	.01476	-.00326	2.1858	46.926	.29130
SDev	.00022	.00011	.00017	.00143	.0049	.031	.00036
%RSD	19.412	63.853	1.1708	44.033	.22548	.06551	.12467
#1	.00131	.00025	.01464	-.00224	2.1893	46.948	.29105
#2	.00099	.00009	.01488	-.00427	2.1824	46.905	.29156
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00149	184.51	.00728	-.00078	.00315	.00184	.00341
SDev	.00016	.64	.00047	.00253	.00318	.00128	.00428
%RSD	10.641	.34870	6.3981	325.44	101.08	69.433	125.27
#1	.00160	184.97	.00761	-.00257	.00539	.00274	.00644
#2	.00138	184.06	.00695	.00101	.00090	.00094	.00039
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00345	.00471	.00276	-.00057	-.00606	-.00008	.02144
SDev	.00144	.00175	.00554	.00031	.00065	.00025	.00005
%RSD	41.748	37.120	200.40	53.930	10.702	294.53	.23658
#1	-.00243	.00595	.00668	-.00078	-.00560	.00009	.02148
#2	-.00447	.00347	-.00115	-.00035	-.00652	-.00026	.02141
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00790	-.00045
SDev	.00162	.00052
%RSD	20.486	114.89

#1	.00904	-.00081
#2	.00675	-.00008

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3953	--	--	--	--	--	--
SDev	14.42508	--	--	--	--	--	--
%RSD	.3649263	--	--	--	--	--	--
#1	3963	--	--	--	--	--	--
#2	3943	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836695/PB Operator: AH
 Run Time: 07/01/08 13:24:24
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01109	.00010	.00006	.00032	-.00004	.06948	-.00006
SDev	.00286	.00022	.00035	.00005	.00003	.00128	.00017
%RSD	25.810	216.50	591.15	15.856	77.355	1.8439	276.15

#1	.00907	.00026	-.00019	.00028	-.00007	.06858	-.00018
#2	.01312	-.00005	.00031	.00035	-.00002	.07039	.00006

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00039	.00020	-.00031	.00744	.04511	.00857	.00025
SDev	.00090	.00063	.00074	.00145	.00731	.00005	.00013
%RSD	229.61	313.35	238.13	19.444	16.208	.59230	52.280

#1	-.00103	-.00025	-.00083	.00642	.05028	.00854	.00016
#2	.00024	.00065	.00021	.00847	.03994	.00861	.00034

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00123	.17492	-.00079	.00735	-.00048	.00213	.00218
SDev	.00085	.07530	.00082	.00641	.00270	.00033	.00388
%RSD	69.606	43.050	103.44	87.224	568.39	15.637	177.98

#1	.00183	.22817	-.00137	.01189	-.00239	.00237	.00492
#2	.00062	.12167	-.00021	.00282	.00144	.00190	-.00056

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00065	.00245	.00204	.00074	.00180	-.00004	.00196
SDev	.00048	.01879	.00358	.00014	.00149	.00056	.00016
%RSD	73.299	767.27	175.46	18.179	82.491	1449.3	8.2124

#1	-.00031	.01574	-.00049	.00084	.00075	-.00044	.00185
#2	-.00098	-.01084	.00458	.00065	.00286	.00036	.00208

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	H.03532	.00082
SDev	.00109	.00012
%RSD	3.0779	14.931

#1	H.03455	.00091
#2	H.03609	.00073

Errors	LC High	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3951	--	--	--	--	--	--
SDev	23.97102	--	--	--	--	--	--
%RSD	.6067653	--	--	--	--	--	--
#1	3968	--	--	--	--	--	--
#2	3934	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836694/CLPSL Operator: AH
 Run Time: 07/01/08 13:29:48
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.304	.86048	1.1109	4.4078	.59289	70.653	.59931
SDev	.202	.00406	.0004	.0267	.00168	.195	.00077
%RSD	.30487	.47133	.04022	.60635	.28325	.27564	.12775
#1	66.161	.86335	1.1106	4.3889	.59170	70.516	.59985
#2	66.447	.85761	1.1112	4.4267	.59408	70.791	.59877
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	133.00	1.0600	1.5700	5.0100	.71700	91.000	.74300
Low	47.300	.71800	.74600	3.5300	.50900	61.600	.51700
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.71763	.90312	.83294	108.38	25.236	27.774	2.8385
SDev	.00088	.00026	.00281	.12	.068	.012	.0034
%RSD	.12266	.02899	.33763	.11457	.26954	.04353	.12035
#1	.71825	.90330	.83095	108.47	25.285	27.782	2.8409
#2	.71700	.90293	.83493	108.29	25.188	27.765	2.8361
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.88300	1.1800	1.0200	246.00	35.600	38.800	3.6400
Low	.61100	.77200	.71700	83.900	20.600	22.300	2.3800
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.54872	4.4542	1.1208	.85886	.88489	.87622	1.5423
SDev	.00047	.2276	.0032	.00625	.00014	.00217	.0065
%RSD	.08544	5.1097	.28350	.72740	.01559	.24793	.42220
#1	.54839	4.6152	1.1185	.86328	.88498	.87776	1.5469
#2	.54905	4.2933	1.1230	.85445	.88479	.87468	1.5377
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.69100	6.2000	1.3600			1.0500	1.9000
Low	.45900	2.9200	.95800			.72700	1.2000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.65613	1.5003	1.5632	3.3841	1.3218	.95293	2.1897
SDev	.00142	.0003	.0096	.0134	.0169	.00140	.0005
%RSD	.21560	.02106	.61469	.39543	1.2803	.14660	.02427
#1	.65513	1.5006	1.5700	3.3746	1.3098	.95392	2.1901
#2	.65713	1.5001	1.5564	3.3936	1.3337	.95194	2.1894
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	2.2600			5.3700	1.6100	1.3000	2.7800
Low	.00690			1.2000	1.0100	.81700	1.8200
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	1.0287	.77718
SDev	.0012	.00137
%RSD	.11312	.17593

#1	1.0295	.77815
#2	1.0279	.77622

Errors	LC Pass	LC Pass
High	1.4600	1.0900
Low	.78200	.54100

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4222	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.4144676	--	--	--	--	--	--
#1	4210	--	--	--	--	--	--
#2	4235	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836676 Operator: AH
 Run Time: 07/01/08 13:35:12
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.534	.08679	.01694	.75539	.00435	15.108	.00098
SDev	.338	.00091	.00001	.00388	.00002	.054	.00003
%RSD	.45384	1.0516	.05610	.51404	.39286	.35960	2.8790

#1	74.295	.08614	.01695	.75264	.00436	15.070	.00096
#2	74.774	.08743	.01694	.75814	.00434	15.147	.00100

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07094	.09310	.08114	179.63	8.6805	21.754	6.1471
SDev	.00072	.00003	.00019	.03	.0114	.022	.0010
%RSD	1.0217	.03248	.24082	.01502	.13182	.09890	.01554

#1	.07145	.09312	.08127	179.65	8.6886	21.770	6.1478
#2	.07043	.09308	.08100	179.61	8.6724	21.739	6.1465

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00613	.64639	.12496	.13820	.13662	.13715	.00230
SDev	.00002	.06095	.00016	.00354	.00013	.00109	.00241
%RSD	.37590	9.4295	.12951	2.5591	.09289	.79703	104.82

#1	.00611	.68949	.12485	.13570	.13671	.13637	.00059
#2	.00614	.60330	.12508	.14070	.13653	.13792	.00400

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00200	-.00498	.00594	.83539	-.00935	.11597	.41235
SDev	.00219	.00299	.00212	.00225	.00139	.00016	.00043
%RSD	109.82	60.060	35.646	.26933	14.876	.13738	.10525

#1	.00354	-.00710	.00444	.83379	-.00837	.11586	.41266
#2	.00045	-.00287	.00743	.83698	L-.01034	.11608	.41205

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.01105	.00031
SDev	.00037	.00008
%RSD	3.3844	25.402

#1	.01079	.00026
#2	.01131	.00037

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3980	--	--	--	--	--	--
SDev	7.053287	--	--	--	--	--	--
%RSD	.1772155	--	--	--	--	--	--
#1	3975	--	--	--	--	--	--
#2	3985	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836677 Operator: AH
 Run Time: 07/01/08 13:40:36
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.9012	.00227	.09181	.35205	.00006	9.0827	.00174
SDev	.0022	.00208	.00073	.00009	.00001	.0076	.00011
%RSD	.11809	91.457	.79452	.02408	15.425	.08418	6.0356
#1	1.9028	.00374	.09233	.35199	.00005	9.0773	.00167
#2	1.8996	.00080	.09130	.35211	.00006	9.0881	.00182
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03324	.28626	.41273	5.8776	1.5121	1.2989	.10604
SDev	.00024	.00026	.00016	.0075	.0005	.0039	.00003
%RSD	.71609	.08947	.03900	.12753	.03417	.30063	.02326
#1	.03308	.28608	.41262	5.8723	1.5118	1.2962	.10606
#2	.03341	.28644	.41285	5.8829	1.5125	1.3017	.10602
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03168	4.9720	.08388	.67981	.71612	.70403	.00297
SDev	.00134	.1018	.00055	.00052	.00136	.00108	.00327
%RSD	4.2341	2.0482	.66075	.07589	.18985	.15321	110.02
#1	.03073	4.9000	.08427	.67944	.71516	.70327	.00066
#2	.03262	5.0440	.08349	.68017	.71708	.70479	.00528
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00861	.00353	.00269	.21078	-.00084	.00873	.77460
SDev	.00020	.00007	.00487	.00058	.00052	.00019	.00150
%RSD	2.3307	2.0554	180.89	.27509	61.332	2.1571	.19331
#1	.00875	.00348	-.00075	.21037	-.00121	.00860	.77354
#2	.00847	.00358	.00613	.21119	-.00048	.00886	.77566
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.05600	.02649
SDev	.00022	.00014
%RSD	.39407	.51749

#1	.05585	.02639
#2	.05616	.02659

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4029	--	--	--	--	--	--
SDev	1.962152	--	--	--	--	--	--
%RSD	.0487048	--	--	--	--	--	--
#1	4030	--	--	--	--	--	--
#2	4027	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836677/L (1:5) Operator: AH
 Run Time: 07/01/08 13:46:00
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.42073	.00241	.01866	.06946	.00002	1.7738	.00045
SDev	.00156	.00197	.00002	.00100	.00003	.0172	.00001
%RSD	.36978	81.665	.07964	1.4353	124.36	.97104	2.6024

#1	.42183	.00380	.01868	.06875	.00004	1.7617	.00046
#2	.41963	.00102	.01865	.07016	.00000	1.7860	.00044

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00696	.05758	.08066	1.1835	.27757	.25469	.02115
SDev	.00045	.00039	.00069	.0131	.03760	.01010	.00013
%RSD	6.5114	.67737	.85901	1.1104	13.546	3.9644	.61305

#1	.00728	.05785	.08115	1.1928	.25098	.24755	.02124
#2	.00664	.05730	.08017	1.1742	.30416	.26183	.02106

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00564	1.0571	.01740	.13320	.14526	.14124	.00546
SDev	.00155	.5366	.00073	.01191	.00310	.00190	.00218
%RSD	27.503	50.759	4.2228	8.9434	2.1328	1.3455	39.879

#1	.00455	.67772	.01792	.12478	.14745	.13990	.00700
#2	.00674	1.4366	.01689	.14162	.14307	.14259	.00392

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00147	-.00016	.00827	.04160	.00137	.00213	.15522
SDev	.00418	.00892	.00773	.00113	.00238	.00049	.00028
%RSD	284.59	5707.3	93.408	2.7115	173.21	22.998	.17821

#1	.00442	-.00646	.01373	.04080	.00305	.00248	.15542
#2	-.00149	.00615	.00281	.04240	-.00031	.00179	.15503

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.01145	.00429
SDev	.00317	.00145
%RSD	27.710	33.854

#1	.00921	.00326
#2	.01370	.00532

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4028	--	--	--	--	--	--
SDev	5.303301	--	--	--	--	--	--
%RSD	.1316674	--	--	--	--	--	--
#1	4024	--	--	--	--	--	--
#2	4032	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836677/PS Operator: AH
 Run Time: 07/01/08 13:51:24
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.088	.41329	.47536	.76352	.39921	29.041	.40174
SDev	.048	.00150	.00007	.00125	.00080	.060	.00034
%RSD	.21888	.36294	.01477	.16416	.19921	.20556	.08346

#1	22.122	.41223	.47541	.76441	.39977	29.083	.40197
#2	22.054	.41435	.47531	.76263	.39865	28.999	.40150

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43297	.67797	.80455	25.807	22.358	21.238	.50362
SDev	.00092	.00080	.00147	.034	.017	.003	.00063
%RSD	.21215	.11866	.18302	.13234	.07653	.01440	.12530

#1	.43232	.67740	.80559	25.783	22.346	21.240	.50317
#2	.43362	.67853	.80351	25.831	22.370	21.236	.50406

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43490	24.208	.48173	1.0336	1.0950	1.0745	.40530
SDev	.00290	.096	.00098	.0057	.0012	.0011	.00148
%RSD	.66748	.39590	.20432	.55553	.10975	.10335	.36432

#1	.43285	24.275	.48243	1.0296	1.0958	1.0738	.40635
#2	.43695	24.140	.48103	1.0377	1.0941	1.0753	.40426

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43471	.39144	.41224	.62270	.40417	.42162	1.1323
SDev	.00337	.00303	.00070	.00161	.00067	.00010	.0004
%RSD	.77539	.77465	.16952	.25915	.16630	.02437	.03347

#1	.43232	.39358	.41274	.62156	.40464	.42154	1.1326
#2	.43709	.38929	.41175	.62384	.40369	.42169	1.1321

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.24081	.12550
SDev	.00022	.00080
%RSD	.09304	.63306

#1	.24065	.12494
#2	.24097	.12607

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4112	--	--	--	--	--	--
SDev	28.95599	--	--	--	--	--	--
%RSD	.7042297	--	--	--	--	--	--
#1	4132	--	--	--	--	--	--
#2	4091	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836678/MD Operator: AH
 Run Time: 07/01/08 13:56:48
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41193	-.00164	.09687	.08304	-.00021	2.9641	.00052
SDev	.00074	.00058	.00165	.00069	.00004	.0204	.00015
%RSD	.17979	35.513	1.7060	.82677	17.099	.68946	27.769

#1	.41140	-.00206	.09571	.08352	-.00024	2.9785	.00042
#2	.41245	-.00123	.09804	.08255	-.00019	2.9496	.00062

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01658	.07007	.08556	1.3560	1.4623	.77923	.05703
SDev	.00038	.00047	.00058	.0127	.0145	.00150	.00009
%RSD	2.2690	.67454	.68100	.93764	.99077	.19258	.15694

#1	.01631	.06974	.08597	1.3470	1.4726	.77816	.05709
#2	.01685	.07040	.08515	1.3650	1.4521	.78029	.05697

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01150	5.1307	.03075	.16118	.16514	.16382	.00122
SDev	.00039	.0999	.00044	.00064	.00098	.00044	.00006
%RSD	3.3620	1.9474	1.4153	.39694	.59210	.26806	4.9337

#1	.01177	5.2013	.03105	.16164	.16445	.16351	.00127
#2	.01123	5.0600	.03044	.16073	.16583	.16413	.00118

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00259	.00140	.00114	.04861	.00237	.00254	.28090
SDev	.00125	.00200	.00091	.00014	.00101	.00018	.00057
%RSD	48.364	143.27	80.217	.29274	42.643	7.2855	.20143

#1	.00348	.00282	.00049	.04871	.00308	.00241	.28130
#2	.00171	-.00002	.00178	.04851	.00165	.00268	.28050

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.03169	.00643
SDev	.00067	.00017
%RSD	2.0972	2.6887

#1	.03122	.00656
#2	.03216	.00631

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4118	--	--	--	--	--	--
SDev	9.705110	--	--	--	--	--	--
%RSD	.2357018	--	--	--	--	--	--
#1	4124	--	--	--	--	--	--
#2	4111	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836679/MS Operator: AH
 Run Time: 07/01/08 14:02:13
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.446	.41482	.48514	.59575	.40886	25.707	.40962
SDev	.073	.00014	.00076	.00230	.00164	.104	.00035
%RSD	.34104	.03419	.15729	.38534	.40156	.40500	.08600

#1	21.394	.41472	.48460	.59413	.40770	25.634	.40937
#2	21.497	.41492	.48568	.59738	.41002	25.781	.40986

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41963	.55114	.59542	23.357	22.628	21.427	.48446
SDev	.00106	.00036	.00228	.039	.021	.019	.00031
%RSD	.25349	.06483	.38347	.16840	.09227	.09049	.06488

#1	.41887	.55088	.59380	23.329	22.613	21.441	.48424
#2	.42038	.55139	.59703	23.384	22.642	21.414	.48468

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.44102	24.892	.45907	.72476	.75924	.74776	.40924
SDev	.00118	.269	.00302	.00336	.00562	.00263	.00665
%RSD	.26830	1.0794	.65789	.46343	.73986	.35149	1.6254

#1	.44019	24.702	.45694	.72713	.75527	.74590	.40453
#2	.44186	25.082	.46121	.72238	.76321	.74961	.41394

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43272	.39757	.41508	.52237	.41233	.42762	.84005
SDev	.00213	.00044	.01020	.00194	.00816	.00053	.00018
%RSD	.49181	.11187	2.4574	.37191	1.9798	.12454	.02137

#1	.43122	.39788	.40787	.52100	.40656	.42724	.83992
#2	.43423	.39725	.42229	.52375	.41810	.42799	.84018

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.45600	.11637
SDev	.00084	.00076
%RSD	.18418	.65197

#1	.45540	.11584
#2	.45659	.11691

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4047	--	--	--	--	--	--
SDev	11.93243	--	--	--	--	--	--
%RSD	.2948162	--	--	--	--	--	--
#1	4056	--	--	--	--	--	--
#2	4039	--	--	--	--	--	--

Analysis Report

QC Standard

07/01/08 02:14:25 PM

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Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/01/08 14:09:05

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.064	.50161	.48800	.51973	.50016	25.224	.49642
SDev	.014	.00131	.00174	.00009	.00034	.037	.00125
%RSD	.05718	.26160	.35606	.01808	.06766	.14495	.25148
#1	25.054	.50254	.48677	.51966	.49992	25.199	.49554
#2	25.075	.50068	.48923	.51979	.50040	25.250	.49730
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49477	.51941	.50058	25.045	24.756	25.101	.50718
SDev	.00132	.00121	.00106	.055	.037	.067	.00115
%RSD	.26691	.23248	.21106	.22112	.15014	.26873	.22736
#1	.49383	.51855	.50132	25.006	24.730	25.053	.50637
#2	.49570	.52026	.49983	25.084	24.783	25.148	.50800
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49716	24.707	.50400	.49785	.51761	.51103	.51107
SDev	.00216	.190	.00009	.00102	.00209	.00173	.00214
%RSD	.43446	.76719	.01793	.20564	.40389	.33957	.41909
#1	.49563	24.841	.50407	.49712	.51613	.50980	.50956
#2	.49869	24.573	.50394	.49857	.51909	.51226	.51259
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.52552	.49690	.51817	.53058	.50999	.50679	.50776
SDev	.00261	.00440	.00541	.00099	.00705	.00168	.00180
%RSD	.49567	.88632	1.0450	.18718	1.3828	.33148	.35493
#1	.52367	.50001	.51434	.52987	.50500	.50560	.50648
#2	.52736	.49378	.52200	.53128	.51497	.50797	.50903
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Analysis Report

QC Standard

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Units	ppm	ppm
Avge	.50055	.49007
SDev	.00080	.00126
%RSD	.15954	.25706

#1	.50112	.48918
#2	.49999	.49097

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3972	--	--	--	--	--	--
SDev	2.969814	--	--	--	--	--	--
%RSD	.0747645	--	--	--	--	--	--
#1	3974	--	--	--	--	--	--
#2	3970	--	--	--	--	--	--

Analysis Report

Blank Sample

07/01/08 02:19:49 PM

page 1

Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/01/08 14:14:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03583	-.00157	-.00053	.00013	.00004	.01589	.00007
SDev	.00355	.00093	.00198	.00005	.00002	.00083	.00014
%RSD	9.9054	59.425	371.67	36.951	41.988	5.2445	184.57
#1	.03834	-.00091	.00087	.00010	.00006	.01648	.00017
#2	.03332	-.00222	-.00194	.00016	.00003	.01530	-.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00007	.00243	.00638	.01388	.01503	.00010
SDev	.00007	.00026	.00003	.00747	.02793	.00164	.00008
%RSD	453.39	387.83	1.2072	117.08	201.18	10.915	75.193
#1	.00004	.00025	.00240	.01167	.03363	.01619	.00016
#2	-.00007	-.00012	.00245	.00110	-.00587	.01387	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00170	.16214	-.00044	.00440	.00098	.00212	.00046
SDev	.00109	.04606	.00036	.00154	.00017	.00040	.00001
%RSD	64.205	28.410	81.820	35.060	17.837	18.797	1.7641
#1	.00247	.19471	-.00019	.00549	.00085	.00240	.00045
#2	.00093	.12957	-.00069	.00331	.00110	.00183	.00047
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	.00317	-.00089	.00030	.00420	.00022	.00053
SDev	.00262	.00214	.00108	.00007	.00080	.00031	.00000
%RSD	235.20	67.432	120.83	24.534	19.025	141.53	.72226
#1	.00296	.00468	-.00166	.00035	.00364	.00044	.00053
#2	-.00074	.00166	-.00013	.00025	.00477	-.00000	.00052
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00069	.00053
SDev	.00034	.00055
%RSD	49.514	103.09

#1	.00045	.00092
#2	.00094	.00014

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4002	--	--	--	--	--	--
SDev	8.538279	--	--	--	--	--	--
%RSD	.2133643	--	--	--	--	--	--
#1	3996	--	--	--	--	--	--
#2	4008	--	--	--	--	--	--

Analysis Report

07/01/08 02:25:14 PM

page 1

Method: TRACE2 Sample Name: AD836680 Operator: AH
 Run Time: 07/01/08 14:19:53
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.31946	.00068	.10686	.02019	.00003	1.5471	.00032
SDev	.00488	.00107	.00011	.00010	.00000	.0057	.00012
%RSD	1.5263	157.74	.10367	.51610	1.0411	.36719	36.996

#1	.31601	.00144	.10694	.02012	.00003	1.5512	.00041
#2	.32291	-.00008	.10679	.02027	.00003	1.5431	.00024

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01489	.02400	.02114	.41234	1.5852	.72361	.04989
SDev	.00002	.00018	.00063	.00999	.0066	.00052	.00023
%RSD	.10145	.76002	2.9887	2.4229	.41893	.07239	.47146

#1	.01487	.02387	.02069	.40528	1.5805	.72324	.04972
#2	.01490	.02413	.02158	.41941	1.5899	.72398	.05006

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00581	5.6464	.02755	.04036	.04338	.04237	-.00002
SDev	.00030	.1020	.00101	.00067	.00026	.00005	.00335
%RSD	5.2429	1.8061	3.6677	1.6686	.59933	.11997	20171.

#1	.00559	5.5742	.02684	.04083	.04319	.04241	.00235
#2	.00602	5.7185	.02827	.03988	.04356	.04234	-.00239

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00057	-.00051	.00023	.01346	.00097	.00060	.18480
SDev	.00229	.00890	.00058	.00004	.00345	.00012	.00009
%RSD	403.56	1733.1	249.38	.28109	354.46	20.307	.04638

#1	.00219	.00578	.00064	.01349	-.00147	.00052	.18474
#2	-.00105	-.00681	-.00018	.01344	.00341	.00069	.18486

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.02652	.00154
SDev	.00131	.00065
%RSD	4.9552	42.288

#1	.02744	.00199
#2	.02559	.00108

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4000	--	--	--	--	--	--
SDev	2.704822	--	--	--	--	--	--
%RSD	.0676127	--	--	--	--	--	--
#1	3999	--	--	--	--	--	--
#2	4002	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836681 Operator: AH
 Run Time: 07/01/08 14:25:17
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02353	.00124	.13881	.01202	-.00021	.93152	.00102
SDev	.00413	.00166	.00026	.00006	.00001	.00291	.00001
%RSD	17.531	133.89	.18761	.47814	6.6994	.31196	1.2497

#1	.02062	.00007	.13899	.01197	-.00022	.93358	.00103
#2	.02645	.00242	.13862	.01206	-.00020	.92947	.00101

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00232	.04773	.52394	.19061	.02375	.00747
SDev	.00024	.00030	.00023	.00110	.00308	.00078	.00008
%RSD	1292.8	13.013	.47524	.21036	1.6161	3.2977	1.0453

#1	-.00019	.00211	.04757	.52316	.19279	.02319	.00753
#2	.00015	.00254	.04789	.52472	.18843	.02430	.00741

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14627	.53239	.00239	.02909	.03276	.03154	.00450
SDev	.00003	.13913	.00006	.00070	.00026	.00040	.00384
%RSD	.02275	26.134	2.4486	2.3918	.78324	1.2773	85.262

#1	.14629	.43401	.00234	.02860	.03258	.03126	.00179
#2	.14625	.63077	.00243	.02958	.03294	.03182	.00721

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00139	-.00245	.00797	.00271	.00193	.00124	.54834
SDev	.00212	.00712	.00219	.00042	.00071	.00006	.00062
%RSD	152.23	290.95	27.532	15.303	36.797	4.9817	.11369

#1	-.00011	-.00748	.00642	.00242	.00143	.00119	.54878
#2	.00289	.00259	.00952	.00301	.00244	.00128	.54790

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.04457	.00019
SDev	.00028	.00060
%RSD	.63402	314.55

#1	.04437	-.00023
#2	.04477	.00061

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4104	--	--	--	--	--	--
SDev	5.091307	--	--	--	--	--	--
%RSD	.1240595	--	--	--	--	--	--
#1	4108	--	--	--	--	--	--
#2	4100	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836682 Operator: AH
 Run Time: 07/01/08 14:30:41
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06539	.00187	.14122	.01282	-.00017	.95519	.00119
SDev	.00222	.00194	.00030	.00005	.00000	.00039	.00005
%RSD	3.3889	103.56	.21307	.41383	.03710	.04087	4.2067
#1	.06382	.00324	.14100	.01278	-.00017	.95547	.00116
#2	.06696	.00050	.14143	.01285	-.00017	.95492	.00123
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00175	.04791	.55918	.18349	.02970	.00435
SDev	.00007	.00015	.00003	.00676	.02242	.00362	.00001
%RSD	1138.8	8.8484	.05237	1.2090	12.221	12.201	.19305
#1	-.00006	.00186	.04789	.55440	.19934	.02714	.00436
#2	.00005	.00164	.04792	.56396	.16763	.03227	.00434
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14462	.74157	.00262	.03235	.03297	.03276	.00144
SDev	.00179	.04185	.00004	.00040	.00126	.00071	.00392
%RSD	1.2398	5.6434	1.3855	1.2237	3.8160	2.1589	271.42
#1	.14335	.71198	.00260	.03207	.03386	.03326	-.00133
#2	.14589	.77116	.00265	.03263	.03208	.03226	.00422
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00278	-.00430	.00431	.00319	.00573	.00133	.54985
SDev	.00116	.00412	.00382	.00006	.00022	.00006	.00022
%RSD	41.794	95.770	88.580	1.9936	3.8370	4.6639	.03961
#1	.00196	-.00721	.00161	.00323	.00558	.00138	.55000
#2	.00360	-.00139	.00702	.00314	.00589	.00129	.54969
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.05629	.00108
SDev	.00040	.00007
%RSD	.70114	6.4065

#1	.05601	.00113
#2	.05657	.00103

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4058	--	--	--	--	--	--
SDev	7.742958	--	--	--	--	--	--
%RSD	.1908237	--	--	--	--	--	--
#1	4052	--	--	--	--	--	--
#2	4063	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836683 Operator: AH
 Run Time: 07/01/08 14:36:06
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06662	.00025	.06971	.03114	-.00016	1.2774	.00644
SDev	.00250	.00239	.00155	.00015	.00002	.0121	.00006
%RSD	3.7571	954.18	2.2203	.49857	11.117	.94896	.97364

#1	.06485	-.00144	.07080	.03103	-.00015	1.2689	.00648
#2	.06839	.00194	.06861	.03125	-.00017	1.2860	.00639

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.00769	.11660	1.0471	.22208	.04058	.01388
SDev	.00064	.00011	.00122	.0087	.01622	.00345	.00003
%RSD	79.333	1.4535	1.0441	.82906	7.3039	8.5048	.20349

#1	.00036	.00761	.11574	1.0410	.23355	.04302	.01390
#2	.00127	.00777	.11746	1.0532	.21061	.03814	.01386

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09167	.51263	.00571	.07725	.08206	.08046	.00042
SDev	.00046	.27012	.00023	.00214	.00166	.00040	.00022
%RSD	.50588	52.694	4.0313	2.7735	2.0268	.49211	52.604

#1	.09200	.70363	.00587	.07876	.08089	.08018	.00058
#2	.09134	.32162	.00555	.07573	.08324	.08074	.00026

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00248	-.00325	.00225	.00653	.00063	.00308	.71178
SDev	.00164	.00195	.00065	.00018	.00232	.00013	.00031
%RSD	66.037	60.187	28.666	2.7711	369.99	4.1391	.04311

#1	.00132	-.00187	.00180	.00666	.00227	.00299	.71200
#2	.00364	-.00463	.00271	.00640	-.00101	.00317	.71156

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.14253	.00159
SDev	.00213	.00005
%RSD	1.4958	3.0100

#1	.14404	.00155
#2	.14102	.00162

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4018	--	--	--	--	--	--
SDev	6.576128	--	--	--	--	--	--
%RSD	.1636677	--	--	--	--	--	--
#1	4023	--	--	--	--	--	--
#2	4013	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836684 Operator: AH
 Run Time: 07/01/08 14:41:30
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10818	.00049	.07228	.03575	-.00020	1.4866	.00757
SDev	.00085	.00114	.00038	.00010	.00003	.0036	.00017
%RSD	.78225	231.80	.52072	.29073	12.279	.23929	2.2655
#1	.10878	.00130	.07201	.03582	-.00022	1.4841	.00745
#2	.10758	-.00031	.07254	.03568	-.00019	1.4892	.00769
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00072	.00883	.13394	1.0767	.26132	.04840	.01590
SDev	.00022	.00029	.00078	.0075	.02638	.00394	.00001
%RSD	30.745	3.2898	.58468	.70058	10.094	8.1448	.04265
#1	.00056	.00863	.13339	1.0714	.27998	.05119	.01590
#2	.00088	.00904	.13449	1.0821	.24267	.04561	.01591
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09413	.59883	.00588	.09354	.09486	.09442	-.00131
SDev	.00122	.17488	.00025	.00319	.00277	.00078	.00288
%RSD	1.3006	29.204	4.1794	3.4077	2.9167	.83033	219.75
#1	.09500	.72249	.00571	.09580	.09291	.09387	.00073
#2	.09327	.47517	.00606	.09129	.09682	.09498	-.00335
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00455	-.00214	-.00090	.00728	.00231	.00283	.82426
SDev	.00026	.00373	.00246	.00025	.00003	.00007	.00102
%RSD	5.8089	174.28	273.87	3.4798	1.2603	2.4927	.12394
#1	.00436	.00050	.00084	.00746	.00229	.00278	.82354
#2	.00474	-.00477	-.00264	.00710	.00233	.00288	.82498
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.15137	.00211
SDev	.00214	.00026
%RSD	1.4101	12.419

#1	.14986	.00229
#2	.15288	.00192

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4058	--	--	--	--	--	--
SDev	14.58408	--	--	--	--	--	--
%RSD	.3593587	--	--	--	--	--	--
#1	4069	--	--	--	--	--	--
#2	4048	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836685 Operator: AH
 Run Time: 07/01/08 14:46:54
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	139.70	.08992	.06661	3.5507	.00582	164.18	.00095
SDev	.21	.00046	.00120	.0028	.00001	.11	.00002
%RSD	.15038	.50977	1.7964	.07828	.17027	.06678	1.8998

#1	139.85	.09024	.06746	3.5527	.00581	164.26	.00096
#2	139.55	.08959	.06576	3.5488	.00583	164.10	.00094

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13965	.21235	.55111	323.65	16.030	100.20	10.228
SDev	.00008	.00032	.00231	.21	.004	.18	.002
%RSD	.06000	.15142	.41920	.06447	.02782	.17905	.01736

#1	.13971	.21212	.55274	323.50	16.033	100.08	10.227
#2	.13959	.21258	.54948	323.79	16.027	100.33	10.229

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01926	4.9741	.30873	.35210	.35798	.35602	.00335
SDev	.00024	.0561	.00034	.00444	.00200	.00015	.00314
%RSD	1.2363	1.1271	.10975	1.2614	.55815	.04107	93.633

#1	.01942	5.0137	.30897	.35524	.35657	.35613	.00113
#2	.01909	4.9345	.30850	.34896	.35939	.35592	.00556

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00186	.01180	-.00088	.56989	L-.01917	.24001	.98330
SDev	.00050	.00300	.00620	.00040	.00401	.00020	.00237
%RSD	26.627	25.435	705.91	.07064	20.909	.08537	.24065

#1	.00221	.01392	-.00527	.56961	L-.01634	.23986	.98163
#2	.00151	.00968	.00351	.57017	L-.02200	.24015	.98497

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.02252	.00131
SDev	.00040	.00101
%RSD	1.7569	77.042

#1	.02280	.00202
#2	.02224	.00060

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4246	--	--	--	--	--	--
SDev	5.409298	--	--	--	--	--	--
%RSD	.1274050	--	--	--	--	--	--
#1	4242	--	--	--	--	--	--
#2	4250	--	--	--	--	--	--

Analysis Report

07/01/08 03:15:18 PM

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Method: TRACE2 Sample Name: AD836686 Operator: AH
 Run Time: 07/01/08 15:09:57
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	96.089	.08421	.04454	1.2742	.00414	92.170	.00042
SDev	.001	.00261	.00083	.0008	.00002	.073	.00002
%RSD	.00054	3.1008	1.8642	.06524	.52220	.07943	4.7148
#1	96.089	.08606	.04513	1.2736	.00416	92.221	.00044
#2	96.088	.08236	.04396	1.2748	.00413	92.118	.00041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13942	.14568	.39750	242.16	10.708	75.943	7.6975
SDev	.00023	.00035	.00066	.48	.026	.141	.0124
%RSD	.16764	.24144	.16570	.19997	.24738	.18518	.16089
#1	.13959	.14593	.39797	242.51	10.727	76.042	7.7062
#2	.13926	.14543	.39704	241.82	10.689	75.844	7.6887
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01330	3.7837	.24355	.13581	.14029	.13880	-.00085
SDev	.00020	.2725	.00076	.00008	.00315	.00207	.00239
%RSD	1.5305	7.2009	.31179	.05951	2.2445	1.4938	281.55
#1	.01344	3.9764	.24409	.13575	.14252	.14026	.00084
#2	.01315	3.5911	.24301	.13586	.13806	.13733	-.00254
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	-.00645	.00195	.35363	L-.01330	.16470	.58381
SDev	.00268	.00426	.00146	.00110	.00152	.00003	.00081
%RSD	114.23	66.120	74.941	.31173	11.446	.01863	.13816
#1	.00045	-.00343	.00298	.35441	L-.01223	.16468	.58438
#2	.00424	-.00946	.00092	.35285	L-.01438	.16472	.58324
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.02486	.00098
SDev	.00326	.00012
%RSD	13.117	12.058

#1	.02255	.00090
#2	.02716	.00106

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4110	--	--	--	--	--	--
SDev	16.91774	--	--	--	--	--	--
%RSD	.4115899	--	--	--	--	--	--
#1	4098	--	--	--	--	--	--
#2	4122	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836687 Operator: AH
 Run Time: 07/01/08 15:15:21
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.269	.04977	.01904	.57447	.00154	20.043	-.00008
SDev	.208	.00155	.00080	.00372	.00000	.103	.00009
%RSD	.41447	3.1085	4.2106	.64828	.18760	.51437	114.74

#1	50.121	.04868	.01960	.57183	.00153	19.971	-.00001
#2	50.416	.05086	.01847	.57710	.00154	20.116	-.00014

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02306	.08153	.07285	130.05	4.1705	17.740	1.1873
SDev	.00076	.00033	.00081	.14	.0206	.004	.0011
%RSD	3.2722	.40486	1.1131	.10871	.49344	.02089	.09060

#1	.02252	.08130	.07228	130.15	4.1850	17.737	1.1881
#2	.02359	.08176	.07342	129.95	4.1559	17.742	1.1866

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00739	.31131	.06130	.53290	.55504	.54767	-.00065
SDev	.00134	.12051	.00084	.00234	.00362	.00164	.00077
%RSD	18.156	38.710	1.3643	.43994	.65265	.29863	118.42

#1	.00834	.39652	.06071	.53456	.55248	.54651	-.00011
#2	.00644	.22610	.06189	.53124	.55761	.54883	-.00119

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00221	-.00480	.00143	.47052	-.00518	.10207	.33014
SDev	.00382	.00598	.00184	.00326	.00001	.00053	.00017
%RSD	172.91	124.42	128.49	.69197	.22296	.52130	.05079

#1	-.00491	-.00058	.00013	.46822	-.00519	.10169	.33002
#2	.00049	-.00903	.00273	.47282	-.00517	.10244	.33026

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.02314	.00014
SDev	.00110	.00011
%RSD	4.7642	76.881

#1	.02392	.00022
#2	.02236	.00007

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4150	--	--	--	--	--	--
SDev	2.280489	--	--	--	--	--	--
%RSD	.0549484	--	--	--	--	--	--
#1	4152	--	--	--	--	--	--
#2	4149	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836688 Operator: AH
 Run Time: 07/01/08 15:20:45
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	52.534	.05741	.42921	5.8932	.00177	304.54	.01541
SDev	.273	.00255	.00232	.0195	.00000	1.33	.00013
%RSD	.51887	4.4395	.54090	.33145	.10219	.43549	.85054
#1	52.727	.05561	.43085	5.9071	.00177	305.48	.01531
#2	52.342	.05921	.42757	5.8794	.00176	303.60	.01550
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02744	.62170	5.1042	669.56	7.3324	42.343	1.7449
SDev	.00020	.00169	.0293	1.71	.0537	.148	.0045
%RSD	.71738	.27181	.57441	.25526	.73196	.35004	.25827
#1	.02730	.62290	5.1249	670.77	7.3704	42.448	1.7481
#2	.02758	.62051	5.0835	668.35	7.2945	42.238	1.7417
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10172	5.8617	.11569	.27756	.28827	.28470	.03193
SDev	.00013	.0496	.00017	.00119	.00193	.00168	.00298
%RSD	.12419	.84688	.14800	.42843	.66937	.59115	9.3460
#1	.10181	5.8968	.11557	.27840	.28963	.28589	.03404
#2	.10163	5.8266	.11581	.27671	.28691	.28351	.02982
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01936	.03753	.02914	.86403	L-.04305	.08682	6.7690
SDev	.00266	.00152	.00524	.00108	.00236	.00028	.0262
%RSD	13.720	4.0483	17.973	.12533	5.4716	.32573	.38778
#1	.02123	.03646	.03284	.86479	L-.04471	.08702	6.7876
#2	.01748	.03861	.02543	.86326	L-.04138	.08662	6.7504
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.25403	.14039
SDev	.00061	.00019
%RSD	.24048	.13611

#1	.25360	.14052
#2	.25446	.14025

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4125	--	--	--	--	--	--
SDev	3.023158	--	--	--	--	--	--
%RSD	.0732973	--	--	--	--	--	--
#1	4122	--	--	--	--	--	--
#2	4127	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836688/(1:10) Operator: AH
 Run Time: 07/01/08 15:29:07
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.3744	.00478	.04723	.59188	.00009	31.280	.00140
SDev	.0119	.00214	.00082	.00251	.00003	.055	.00007
%RSD	.22161	44.713	1.7351	.42430	32.994	.17575	5.1795
#1	5.3828	.00327	.04781	.59365	.00007	31.319	.00135
#2	5.3660	.00629	.04665	.59010	.00012	31.241	.00146
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00266	.06461	.51179	69.953	.65747	4.3646	.18125
SDev	.00005	.00023	.00081	.045	.00827	.0029	.00012
%RSD	1.8696	.36117	.15765	.06366	1.2580	.06551	.06421
#1	.00263	.06444	.51236	69.922	.66332	4.3625	.18133
#2	.00270	.06477	.51122	69.985	.65162	4.3666	.18116
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01097	.73182	.01111	.03255	.02961	.03059	.00802
SDev	.00093	.06856	.00059	.00245	.00099	.00016	.00019
%RSD	8.5032	9.3688	5.2890	7.5211	3.3382	.50987	2.4288
#1	.01163	.68334	.01070	.03429	.02891	.03070	.00815
#2	.01031	.78030	.01153	.03082	.03031	.03048	.00788
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00201	.00949	.00728	.09159	-.00248	.00856	.73802
SDev	.00263	.00119	.00030	.00031	.00197	.00000	.00080
%RSD	130.50	12.497	4.1344	.34178	79.540	.00014	.10876
#1	.00387	.01033	.00707	.09181	-.00108	.00856	.73745
#2	.00016	.00865	.00749	.09137	-.00387	.00856	.73859
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.02913	.01396
SDev	.00159	.00047
%RSD	5.4567	3.3928

#1	.03025	.01429
#2	.02801	.01362

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4020	--	--	--	--	--	--
SDev	.5303301	--	--	--	--	--	--
%RSD	.0131935	--	--	--	--	--	--
#1	4020	--	--	--	--	--	--
#2	4019	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/01/08 15:37:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.307	.51042	.49602	.52365	.50681	25.481	.50371
SDev	.105	.00257	.00021	.00183	.00237	.135	.00030
%RSD	.41344	.50368	.04236	.35002	.46804	.52899	.06060
#1	25.381	.51224	.49587	.52495	.50849	25.576	.50393
#2	25.233	.50860	.49617	.52235	.50513	25.385	.50349
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50252	.52594	.50593	25.460	25.030	25.495	.51305
SDev	.00053	.00196	.00286	.076	.050	.083	.00050
%RSD	.10538	.37348	.56620	.29655	.20096	.32622	.09763
#1	.50289	.52733	.50796	25.514	25.066	25.554	.51340
#2	.50214	.52455	.50391	25.407	24.995	25.436	.51269
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50168	24.929	.51196	.50604	.53094	.52265	.52166
SDev	.00054	.414	.00303	.00449	.00380	.00402	.00542
%RSD	.10725	1.6619	.59248	.88664	.71480	.77020	1.0383
#1	.50130	25.222	.51410	.50921	.53362	.52549	.52549
#2	.50206	24.636	.50982	.50286	.52826	.51980	.51783
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53633	.49998	.53251	.53704	.51890	.51423	.51197
SDev	.00027	.00931	.00347	.00190	.00196	.00173	.00100
%RSD	.04997	1.8613	.65189	.35317	.37731	.33707	.19511
#1	.53614	.50656	.53496	.53839	.52029	.51545	.51268
#2	.53652	.49340	.53005	.53570	.51752	.51300	.51127
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.51091	.49474
SDev	.00101	.00030
%RSD	.19735	.06132

#1	.51163	.49495
#2	.51020	.49452

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3946	--	--	--	--	--	--
SDev	61.57129	--	--	--	--	--	--
%RSD	1.560372	--	--	--	--	--	--
#1	3902	--	--	--	--	--	--
#2	3989	--	--	--	--	--	--

Analysis Report

Blank Sample

07/01/08 03:48:15 PM

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Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/01/08 15:42:54

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02008	-.00179	.00033	.00032	.00030	.01427	.00037
SDev	.00652	.00038	.00101	.00018	.00010	.00713	.00005
%RSD	32.462	21.350	305.81	56.140	33.882	49.953	13.787

#1	.02468	-.00152	-.00038	.00045	.00038	.01932	.00041
#2	.01547	-.00206	.00104	.00020	.00023	.00923	.00033

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00058	.00016	-.00128	.01692	.02658	.01272	.00042
SDev	.00008	.00016	.00001	.01207	.00728	.00720	.00019
%RSD	13.050	100.24	.54961	71.314	27.391	56.599	45.185

#1	.00053	.00005	-.00128	.02545	.03173	.01780	.00055
#2	.00064	.00028	-.00129	.00839	.02143	.00763	.00029

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	-.00217	.00048	-.00000	.00146	.00097	.00343
SDev	.00043	.00350	.00059	.00037	.00100	.00055	.00021
%RSD	43.892	161.74	123.28	34939.	68.686	56.177	6.0003

#1	.00068	.00031	.00090	-.00026	.00217	.00136	.00358
#2	.00129	-.00464	.00006	.00026	.00075	.00059	.00329

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00249	.00390	.00033	.00274	.00061	.00073
SDev	.00452	.00206	.00072	.00007	.00074	.00050	.00001
%RSD	754.08	82.750	18.536	20.378	26.932	81.499	1.4667

#1	-.00260	.00395	.00339	.00037	.00222	.00026	.00072
#2	.00380	.00104	.00441	.00028	.00327	.00096	.00074

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00309	-.00037
SDev	.00120	.00059
%RSD	38.946	159.35

#1	.00224	-.00079
#2	.00394	.00005

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3995	--	--	--	--	--	--
SDev	24.07702	--	--	--	--	--	--
%RSD	.6027203	--	--	--	--	--	--
#1	4012	--	--	--	--	--	--
#2	3978	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836689 Operator: AH
 Run Time: 07/01/08 15:48:19
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.887	.01866	.15136	1.8672	.00053	99.559	.00449
SDev	.101	.00323	.00070	.0116	.00001	.484	.00017
%RSD	.59667	17.281	.46308	.61968	1.5311	.48577	3.8937
#1	16.816	.01638	.15186	1.8590	.00052	99.217	.00436
#2	16.958	.02094	.15086	1.8753	.00053	99.901	.00461
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00869	.20495	1.5821	214.75	2.5253	14.328	.57082
SDev	.00030	.00033	.0087	.02	.0081	.006	.00012
%RSD	3.4418	.15947	.54700	.00706	.32187	.03890	.02070
#1	.00848	.20518	1.5760	214.74	2.5310	14.331	.57074
#2	.00890	.20472	1.5882	214.76	2.5196	14.324	.57091
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03211	2.1401	.03904	.09274	.09239	.09251	.01467
SDev	.00146	.0260	.00061	.00206	.00184	.00054	.00309
%RSD	4.5333	1.2151	1.5659	2.2222	1.9865	.58147	21.024
#1	.03108	2.1585	.03861	.09420	.09109	.09213	.01249
#2	.03314	2.1217	.03948	.09128	.09369	.09289	.01685
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00705	.01184	.01609	.39116	L-.01092	.02879	2.1861
SDev	.00144	.00065	.00430	.00046	.00175	.00011	.0008
%RSD	20.447	5.5339	26.727	.11851	16.047	.38995	.03597
#1	.00603	.01138	.01305	.39084	-.00968	.02871	2.1866
#2	.00807	.01231	.01913	.39149	L-.01216	.02887	2.1855
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.07670	.04278
SDev	.00038	.00033
%RSD	.49022	.76318

#1	.07644	.04255
#2	.07697	.04301

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4039	--	--	--	--	--	--
SDev	13.84158	--	--	--	--	--	--
%RSD	.3427099	--	--	--	--	--	--
#1	4049	--	--	--	--	--	--
#2	4029	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836690 Operator: AH
 Run Time: 07/01/08 15:53:43
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	69.021	.05998	.03210	.45186	.00333	120.02	.00123
SDev	.113	.00199	.00071	.00100	.00001	.47	.00012
%RSD	.16415	3.3234	2.2078	.22135	.35875	.39456	9.6113

#1	69.101	.06139	.03160	.45256	.00334	120.36	.00132
#2	68.941	.05857	.03260	.45115	.00332	119.69	.00115

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06884	.09575	.17169	155.84	8.1411	44.086	3.5468
SDev	.00002	.00046	.00069	.02	.0260	.047	.0039
%RSD	.02778	.48166	.40128	.01027	.31957	.10728	.10910

#1	.06886	.09543	.17218	155.83	8.1595	44.119	3.5495
#2	.06883	.09608	.17120	155.85	8.1227	44.053	3.5440

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01967	.71347	.17009	.10768	.10689	.10716	.00107
SDev	.00043	.14328	.00013	.00055	.00232	.00136	.00029
%RSD	2.1771	20.082	.07583	.51417	2.1735	1.2741	27.461

#1	.01937	.61216	.17018	.10729	.10854	.10812	.00127
#2	.01998	.81479	.16999	.10807	.10525	.10619	.00086

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00016	.00321	-.00000	.80347	-.00510	.11698	.51559
SDev	.00315	.00332	.00210	.00115	.00568	.00055	.00083
%RSD	1978.9	103.67	46735.	.14354	111.43	.47336	.16161

#1	.00239	.00086	.00148	.80428	-.00911	.11737	.51618
#2	-.00207	.00556	-.00149	.80265	-.00108	.11659	.51501

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.01134	.00064
SDev	.00049	.00015
%RSD	4.2812	24.183

#1	.01169	.00053
#2	.01100	.00075

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4141	--	--	--	--	--	--
SDev	7.530618	--	--	--	--	--	--
%RSD	.1818529	--	--	--	--	--	--
#1	4146	--	--	--	--	--	--
#2	4136	--	--	--	--	--	--

Analysis Report

07/01/08 04:04:29 PM

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Method: TRACE2 Sample Name: AD836691 Operator: AH
 Run Time: 07/01/08 15:59:08
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.847	.05029	.05195	.52210	.00370	199.91	.00089
SDev	.214	.00173	.00026	.00177	.00003	.58	.00009
%RSD	.28270	3.4492	.50667	.33870	.87588	.28808	9.7292
#1	75.999	.04906	.05214	.52335	.00372	200.32	.00083
#2	75.695	.05152	.05176	.52085	.00367	199.50	.00095
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08116	.13602	.19785	175.64	11.430	73.391	3.7047
SDev	.00009	.00002	.00052	.01	.010	.013	.0008
%RSD	.11125	.01365	.26288	.00736	.08655	.01716	.02273
#1	.08110	.13601	.19822	175.65	11.437	73.382	3.7053
#2	.08123	.13604	.19748	175.63	11.423	73.400	3.7041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02056	.88050	.22916	.10729	.10681	.10697	.00300
SDev	.00005	.06259	.00081	.00139	.00144	.00050	.00181
%RSD	.25776	7.1090	.35278	1.2947	1.3490	.46603	60.377
#1	.02052	.83624	.22973	.10827	.10579	.10662	.00428
#2	.02060	.92477	.22859	.10631	.10783	.10732	.00172
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00066	.00117	.00391	1.4012	-.00702	.14006	.51152
SDev	.00010	.00037	.00290	.0030	.00506	.00010	.00118
%RSD	15.228	31.636	74.140	.21130	72.103	.07017	.23089
#1	-.00073	.00091	.00597	1.4033	L-.01059	.14013	.51068
#2	-.00059	.00143	.00186	1.3992	-.00344	.13999	.51235
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.01686	.00023
SDev	.00325	.00003
%RSD	19.296	14.249

#1	.01456	.00021
#2	.01917	.00025

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4115	--	--	--	--	--	--
SDev	19.99338	--	--	--	--	--	--
%RSD	.4858318	--	--	--	--	--	--
#1	4101	--	--	--	--	--	--
#2	4129	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836692 Operator: AH
 Run Time: 07/01/08 16:04:33
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	98.067	.08191	.01417	2.7547	.00449	68.180	.00077
SDev	.226	.00201	.00083	.0093	.00002	.142	.00017
%RSD	.23048	2.4526	5.8406	.33674	.39851	.20815	22.072
#1	97.907	.08049	.01476	2.7481	.00448	68.079	.00089
#2	98.227	.08333	.01359	2.7613	.00451	68.280	.00065
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.10353	.11768	.14870	220.79	8.2682	24.444	12.680
SDev	.00014	.00036	.00018	.13	.0179	.009	.010
%RSD	.13744	.30164	.11990	.05943	.21668	.03567	.08153
#1	.10363	.11793	.14857	220.88	8.2809	24.450	12.688
#2	.10343	.11743	.14882	220.69	8.2555	24.438	12.673
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00639	.30275	.17096	.16099	.16312	.16241	-.00319
SDev	.00082	.12632	.00100	.00138	.00089	.00014	.00054
%RSD	12.843	41.724	.58241	.85506	.54833	.08508	16.966
#1	.00581	.39208	.17026	.16196	.16248	.16231	-.00281
#2	.00697	.21343	.17167	.16002	.16375	.16251	-.00357
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00374	-.00515	-.00221	.93380	-.00981	.14221	.59529
SDev	.00072	.00951	.00394	.00305	.00049	.00015	.00121
%RSD	19.257	184.54	178.66	.32675	4.9588	.10500	.20332
#1	.00323	.00157	-.00500	.93164	-.00946	.14232	.59615
#2	.00425	-.01188	.00058	.93596	L-.01015	.14210	.59444
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.01226	.00040
SDev	.00044	.00043
%RSD	3.5497	107.08

#1	.01195	.00070
#2	.01257	.00010

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4275	--	--	--	--	--	--
SDev	1.060660	--	--	--	--	--	--
%RSD	.0248108	--	--	--	--	--	--
#1	4274	--	--	--	--	--	--
#2	4276	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836693 Operator: AH
 Run Time: 07/01/08 16:09:57
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	74.041	.07333	.01159	.52193	.00313	7.1657	.00077
SDev	.133	.00006	.00013	.00171	.00000	.0161	.00002
%RSD	.17944	.08009	1.1157	.32709	.06969	.22474	2.5632
#1	73.947	.07337	.01168	.52073	.00313	7.1543	.00079
#2	74.135	.07329	.01149	.52314	.00313	7.1771	.00076
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05268	.07395	.13039	132.29	4.3396	16.576	6.9620
SDev	.00046	.00029	.00014	.10	.0125	.007	.0042
%RSD	.87545	.39562	.11039	.07335	.28854	.04475	.05982
#1	.05235	.07375	.13049	132.36	4.3484	16.571	6.9649
#2	.05301	.07416	.13029	132.22	4.3307	16.581	6.9590
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00679	.49832	.10821	.10590	.10469	.10509	-.00089
SDev	.00094	.07123	.00004	.00233	.00036	.00053	.00165
%RSD	13.799	14.295	.03321	2.1972	.34574	.50756	185.21
#1	.00745	.54868	.10823	.10754	.10444	.10547	-.00206
#2	.00612	.44795	.10818	.10425	.10495	.10472	.00028
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00023	-.00492	.00112	1.2024	-.00442	.11897	.60881
SDev	.00147	.00037	.00266	.0018	.00016	.00035	.00055
%RSD	639.90	7.4796	236.66	.15294	3.6604	.29131	.09083
#1	.00081	-.00466	-.00076	1.2011	-.00453	.11872	.60842
#2	-.00127	-.00518	.00300	1.2037	-.00430	.11921	.60920
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.01965	.00002
SDev	.00054	.00057
%RSD	2.7608	2626.3

#1	.02003	.00043
#2	.01926	-.00038

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4287	--	--	--	--	--	--
SDev	3.977476	--	--	--	--	--	--
%RSD	.0927694	--	--	--	--	--	--
#1	4285	--	--	--	--	--	--
#2	4290	--	--	--	--	--	--

Analysis Report

QC Standard

07/01/08 04:22:11 PM

page 1

Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/01/08 16:16:51

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.249	.50873	.49320	.52336	.50531	25.397	.50109
SDev	.029	.00185	.00176	.00120	.00093	.030	.00038
%RSD	.11595	.36388	.35615	.22868	.18451	.11867	.07618
#1	25.269	.51004	.49196	.52421	.50597	25.419	.50082
#2	25.228	.50742	.49445	.52252	.50465	25.376	.50136
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50044	.52329	.50577	25.372	24.942	25.323	.51171
SDev	.00061	.00020	.00080	.041	.022	.028	.00147
%RSD	.12246	.03794	.15862	.15965	.08787	.11020	.28684
#1	.50001	.52343	.50633	25.343	24.927	25.303	.51067
#2	.50088	.52315	.50520	25.401	24.958	25.343	.51274
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50040	24.744	.50882	.50372	.52430	.51745	.51988
SDev	.00324	.261	.00145	.00015	.00222	.00153	.00261
%RSD	.64788	1.0534	.28407	.03073	.42288	.29576	.50183
#1	.49811	24.560	.50984	.50361	.52273	.51636	.52172
#2	.50269	24.929	.50780	.50383	.52587	.51853	.51803
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53410	.50880	.52542	.53507	.51248	.51235	.51620
SDev	.00267	.00558	.00112	.00066	.00221	.00092	.00028
%RSD	.50077	1.0962	.21405	.12319	.43137	.17923	.05401
#1	.53221	.51275	.52622	.53554	.51092	.51170	.51639
#2	.53600	.50486	.52463	.53460	.51404	.51300	.51600
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50528	.49349
SDev	.00102	.00109
%RSD	.20123	.21978

#1	.50456	.49273
#2	.50600	.49426

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3994	--	--	--	--	--	--
SDev	11.45510	--	--	--	--	--	--
%RSD	.2867932	--	--	--	--	--	--
#1	4002	--	--	--	--	--	--
#2	3986	--	--	--	--	--	--

Analysis Report

Blank Sample

07/01/08 04:27:37 PM

page 1

Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/01/08 16:22:15

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00762	.00217	.00068	.00011	.00002	.00033	.00000
SDev	.00736	.00029	.00009	.00010	.00004	.00143	.00005
%RSD	96.494	13.208	13.670	84.473	269.82	435.14	4682.6
#1	.00242	.00197	.00061	.00005	-.00001	-.00068	-.00004
#2	.01283	.00237	.00075	.00018	.00004	.00134	.00004
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00011	.00026	-.00186	.00111	.00595	.00298	.00017
SDev	.00010	.00023	.00046	.00932	.00572	.00028	.00014
%RSD	93.776	87.444	24.911	841.91	96.067	9.4538	85.139
#1	.00018	.00010	-.00219	-.00549	.01000	.00278	.00007
#2	.00004	.00042	-.00154	.00770	.00191	.00318	.00027
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	.24483	-.00002	.00388	.00101	.00197	.00356
SDev	.00146	.01341	.00072	.00133	.00068	.00090	.00242
%RSD	97.156	5.4782	4627.8	34.160	67.453	45.602	68.151
#1	.00254	.23534	-.00052	.00481	.00150	.00260	.00184
#2	.00047	.25431	.00049	.00294	.00053	.00133	.00527
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00237	.00289	.00389	.00049	.00329	.00022	.00028
SDev	.00185	.00318	.00204	.00027	.00025	.00006	.00007
%RSD	78.207	110.21	52.537	54.410	7.7400	28.178	23.823
#1	.00106	.00064	.00244	.00030	.00311	.00017	.00033
#2	.00368	.00514	.00533	.00068	.00347	.00026	.00023
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00298	.00028
SDev	.00190	.00008
%RSD	63.892	28.514

#1	.00163	.00022
#2	.00432	.00034

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4004	--	--	--	--	--	--
SDev	9.970275	--	--	--	--	--	--
%RSD	.2490016	--	--	--	--	--	--
#1	4011	--	--	--	--	--	--
#2	3997	--	--	--	--	--	--

TestAmerica Buffalo

Analyst: SWPrimary Review: JFDate: 7/3/08Secondary Review: TWSDate: 7/3/08

Spikes: 4-MDL-9, 11-MDL-14, 11-176-E, 11-182-F, 1-MDL-12

Pipettes: 05-2108-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK <u>12-023-A</u>	A070208	TRACE2	07/02/08	10:02		X	IR
2	STD 1 <u>12-021-C</u>	A070208	TRACE2	07/02/08	10:07		X	IR
3	STD 2 <u>12-021-D</u>	A070208	TRACE2	07/02/08	10:12		X	IR
4	STD 3 <u>12-021-B</u>	A070208	TRACE2	07/02/08	10:17		X	IR
5	STD 3 VER <u>↓</u>	A070208	TRACE2	07/02/08	10:23	SW	B	CONC
6	ICV <u>12-023-E</u>	A070208	TRACE2	07/02/08	10:28	SW	Q	CONC
7	ICB <u>12-023-A</u>	A070208	TRACE2	07/02/08	10:34	SW	B	CONC
8	CRI <u>12-022-A</u>	A070208	TRACE2	07/02/08	10:39	SW	B	CONC
9	ICSA <u>12-016-B</u>	A070208	TRACE2	07/02/08	10:44	SW	Q	CONC
10	ICSAB <u>12-016-C</u>	A070208	TRACE2	07/02/08	10:50	SW	Q	CONC
11	CCV <u>12-023-F</u>	A070208	TRACE2	07/02/08	10:57	SW	Q	CONC
12	CCB <u>12-023-A</u>	A070208	TRACE2	07/02/08	11:02	SW	B	CONC
13	AD837077/PB	A070208	TRACE2	07/02/08	11:08	SW	S	CONC
14	AD837076/CLPSL	A070208	TRACE2	07/02/08	11:13	SW	S	CONC
15	AD837065 <u>7687</u>	A070208	TRACE2	07/02/08	11:24	SW	S	CONC
16	AD837066	A070208	TRACE2	07/02/08	11:29	SW	S	CONC
17	AD837066/L (1:5)	A070208	TRACE2	07/02/08	11:35	SW	S	CONC
18	AD837066/PS	A070208	TRACE2	07/02/08	11:40	SW	S	CONC
19	AD837067/MS	A070208	TRACE2	07/02/08	11:45	SW	S	CONC
20	AD837068/SD	A070208	TRACE2	07/02/08	11:51	SW	S	CONC
21	AD837069	A070208	TRACE2	07/02/08	11:56	SW	S	CONC
22	AD837070	A070208	TRACE2	07/02/08	12:02	SW	S	CONC
23	CCV	A070208	TRACE2	07/02/08	12:09	SW	Q	CONC
24	CCB	A070208	TRACE2	07/02/08	12:14	SW	B	CONC
25	AD837071	A070208	TRACE2	07/02/08	12:19	SW	S	CONC
26	AD837072	A070208	TRACE2	07/02/08	12:33	SW	S	CONC
27	AD837073 <u>7691</u>	A070208	TRACE2	07/02/08	12:39	SW	S	CONC
28	AD837074	A070208	TRACE2	07/02/08	12:44	SW	S	CONC
29	AD837075 <u>7760</u>	A070208	TRACE2	07/02/08	12:49	SW	S	CONC
30	AD836972/PB	A070208	TRACE2	07/02/08	12:55	SW	S	CONC
31	AD836971/FB	A070208	TRACE2	07/02/08	13:00	SW	S	CONC
32	AD836950 <u>7622</u>	A070208	TRACE2	07/02/08	13:06	SW	S	CONC
33	AD836951	A070208	TRACE2	07/02/08	13:11	SW	S	CONC
34	AD836952	A070208	TRACE2	07/02/08	13:16	SW	S	CONC
35	CCV	A070208	TRACE2	07/02/08	13:23	SW	Q	CONC
36	CCB	A070208	TRACE2	07/02/08	13:29	SW	B	CONC
37	AD836952/L (1:5)	A070208	TRACE2	07/02/08	13:34	SW	S	CONC
38	AD836952/PS	A070208	TRACE2	07/02/08	13:40	SW	S	CONC
39	AD836953/MS	A070208	TRACE2	07/02/08	13:45	SW	S	CONC
40	AD836954/SD	A070208	TRACE2	07/02/08	13:50	SW	S	CONC
41	AD836955	A070208	TRACE2	07/02/08	13:56	SW	S	CONC
42	AD836956	A070208	TRACE2	07/02/08	14:01	SW	S	CONC
43	AD836957	A070208	TRACE2	07/02/08	14:07	SW	S	CONC
44	AD836958	A070208	TRACE2	07/02/08	14:12	SW	S	CONC
45	AD836959	A070208	TRACE2	07/02/08	14:17	SW	S	CONC
46	AD836960	A070208	TRACE2	07/02/08	14:25	SW	S	CONC
47	CCV	A070208	TRACE2	07/02/08	14:32	SW	Q	CONC
48	CCB	A070208	TRACE2	07/02/08	14:37	SW	B	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD836961	A070208	TRACE2	07/02/08	14:43	SW	S	CONC
50	AD836962	A070208	TRACE2	07/02/08	14:48	SW	S	CONC
51	AD836963	A070208	TRACE2	07/02/08	14:54	SW	S	CONC
52	AD836964	A070208	TRACE2	07/02/08	14:59	SW	S	CONC
53	AD836965	A070208	TRACE2	07/02/08	15:04	SW	S	CONC
54	AD936966	A070208	TRACE2	07/02/08	15:10	SW	S	CONC
55	AD836967	A070208	TRACE2	07/02/08	15:15	SW	S	CONC
56	AD836968	A070208	TRACE2	07/02/08	15:21	SW	S	CONC
57	AD836969	A070208	TRACE2	07/02/08	15:26	SW	S	CONC
58	AD836970	A070208	TRACE2	07/02/08	15:34	SW	S	CONC
59	CCV	A070208	TRACE2	07/02/08	15:41	SW	Q	CONC
60	CCB	A070208	TRACE2	07/02/08	15:46	SW	B	CONC
61	CRI	A070208	TRACE2	07/02/08	15:53	SW	B	CONC
62	ICSA	A070208	TRACE2	07/02/08	15:58	SW	Q	CONC
63	ICSAB	A070208	TRACE2	07/02/08	16:04	SW	Q	CONC
64	CCV	A070208	TRACE2	07/02/08	16:09	SW	Q	CONC
65	CCB	A070208	TRACE2	07/02/08	16:18	SW	B	CONC
66	AD836913/PB	A070208	TRACE2	07/02/08	16:24	SW	S	CONC
67	AD836912/LCS	A070208	TRACE2	07/02/08	16:29	SW	S	CONC
68	AD836911/EBLK	A070208	TRACE2	07/02/08	16:35	SW	S	CONC
69	AD836902	A070208	TRACE2	07/02/08	16:40	SW	S	CONC
70	AD836902/L (1:5)	A070208	TRACE2	07/02/08	16:46	SW	S	CONC
71	AD836902/PS	A070208	TRACE2	07/02/08	16:51	SW	S	CONC
72	AD836903/MS	A070208	TRACE2	07/02/08	16:56	SW	S	CONC
73	AD836904/SD	A070208	TRACE2	07/02/08	17:02	SW	S	CONC
74	AD836905	A070208	TRACE2	07/02/08	17:07	SW	S	CONC
75	AD836906	A070208	TRACE2	07/02/08	17:13	SW	S	CONC
76	CCV	A070208	TRACE2	07/02/08	17:19	SW	Q	CONC
77	CCB	A070208	TRACE2	07/02/08	17:25	SW	B	CONC
78	AD836907	A070208	TRACE2	07/02/08	17:30	SW	S	CONC
79	AD836908	A070208	TRACE2	07/02/08	17:36	SW	S	CONC
80	AD836909	A070208	TRACE2	07/02/08	17:41	SW	S	CONC
81	AD836910	A070208	TRACE2	07/02/08	17:46	SW	S	CONC
82	CCV	A070208	TRACE2	07/02/08	17:55	SW	Q	CONC
83	CCB	A070208	TRACE2	07/02/08	18:00	SW	B	CONC
84	STD BLK	A070208	TRACE2	07/02/08	18:17		X	IR
85	STD 1	A070208	TRACE2	07/02/08	18:22		X	IR
86	STD 2	A070208	TRACE2	07/02/08	18:27		X	IR
87	STD 3	A070208	TRACE2	07/02/08	18:32		X	IR
88	STD 3 VER	A070208	TRACE2	07/02/08	18:37	SW	B	CONC
89	ICV	A070208	TRACE2	07/02/08	18:43	SW	Q	CONC
90	ICB	A070208	TRACE2	07/02/08	18:48	SW	B	CONC
91	CRI	A070208	TRACE2	07/02/08	18:54	SW	B	CONC
92	ICSA	A070208	TRACE2	07/02/08	18:59	SW	Q	CONC
93	ICSAB	A070208	TRACE2	07/02/08	19:04	SW	Q	CONC
94	CCV	A070208	TRACE2	07/02/08	19:11	SW	Q	CONC
95	CCB	A070208	TRACE2	07/02/08	19:17	SW	B	CONC
96	AD836993/PB	A070208	TRACE2	07/02/08	19:22	SW	S	CONC
97	AD836992/FB	A070208	TRACE2	07/02/08	19:28	SW	S	CONC
98	AD836973	A070208	TRACE2	07/02/08	19:33	SW	S	CONC
99	AD836974	A070208	TRACE2	07/02/08	19:38	SW	S	CONC
100	AD836975	A070208	TRACE2	07/02/08	19:44	SW	S	CONC
101	AD836975/L (1:5)	A070208	TRACE2	07/02/08	19:49	SW	S	CONC
102	AD836975/PS	A070208	TRACE2	07/02/08	19:55	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD836976/MS	A070208	TRACE2	07/02/08	20:00	SW	S	CONC
104	AD836977/SD	A070208	TRACE2	07/02/08	20:05	SW	S	CONC
105	AD836978	A070208	TRACE2	07/02/08	20:11	SW	S	CONC
106	CCV	A070208	TRACE2	07/02/08	20:18	SW	Q	CONC
107	CCB	A070208	TRACE2	07/02/08	20:23	SW	B	CONC
108	AD836979 7637	A070208	TRACE2	07/02/08	20:29	SW	S	CONC
109	AD836980	A070208	TRACE2	07/02/08	20:34	SW	S	CONC
110	AD836981 7643	A070208	TRACE2	07/02/08	20:39	SW	S	CONC
111	AD836982	A070208	TRACE2	07/02/08	20:45	SW	S	CONC
112	AD836983	A070208	TRACE2	07/02/08	20:50	SW	S	CONC
113	AD836984	A070208	TRACE2	07/02/08	20:56	SW	S	CONC
114	AD836985 7644	A070208	TRACE2	07/02/08	21:01	SW	S	CONC
115	AD836986 7650	A070208	TRACE2	07/02/08	21:06	SW	S	CONC
116	AD836987	A070208	TRACE2	07/02/08	21:12	SW	S	CONC
117	AD836988 7655	A070208	TRACE2	07/02/08	21:17	SW	S	CONC
118	CCV	A070208	TRACE2	07/02/08	21:24	SW	Q	CONC
119	CCB	A070208	TRACE2	07/02/08	21:30	SW	B	CONC
120	AD836989	A070208	TRACE2	07/02/08	21:35	SW	S	CONC
121	AD836990 7703	A070208	TRACE2	07/02/08	21:40	SW	S	CONC
122	AD836991 7705	A070208	TRACE2	07/02/08	21:46	SW	S	CONC
123	AD837064/PB	A070208	TRACE2	07/02/08	21:51	SW	S	CONC
124	AD837063/FB	A070208	TRACE2	07/02/08	21:57	SW	S	CONC
125	AD837048 7624	A070208	TRACE2	07/02/08	22:02	SW	S	CONC
126	AD837049 7628	A070208	TRACE2	07/02/08	22:08	SW	S	CONC
127	AD837050 7738	A070208	TRACE2	07/02/08	22:13	SW	S	CONC
128	AD837051	A070208	TRACE2	07/02/08	22:18	SW	S	CONC
129	AD837051/L (1:5)	A070208	TRACE2	07/02/08	22:24	SW	S	CONC
130	CCV	A070208	TRACE2	07/02/08	22:31	SW	Q	CONC
131	CCB	A070208	TRACE2	07/02/08	22:36	SW	B	CONC
132	AD837051/PS	A070208	TRACE2	07/02/08	22:42	SW	S	CONC
133	AD837052/MS	A070208	TRACE2	07/02/08	22:47	SW	S	CONC
134	AD837053/SD	A070208	TRACE2	07/02/08	22:52	SW	S	CONC
135	AD837054	A070208	TRACE2	07/02/08	22:58	SW	S	CONC
136	AD837055 7766	A070208	TRACE2	07/02/08	23:03	SW	S	CONC
137	AD837056	A070208	TRACE2	07/02/08	23:09	SW	S	CONC
138	AD837057	A070208	TRACE2	07/02/08	23:14	SW	S	CONC
139	AD837058	A070208	TRACE2	07/02/08	23:19	SW	S	CONC
140	AD837059	A070208	TRACE2	07/02/08	23:25	SW	S	CONC
141	AD837060	A070208	TRACE2	07/02/08	23:30	SW	S	CONC
142	CCV	A070208	TRACE2	07/02/08	23:37	SW	Q	CONC
143	CCB	A070208	TRACE2	07/02/08	23:43	SW	B	CONC
144	AD837061	A070208	TRACE2	07/02/08	23:48	SW	S	CONC
145	AD837062	A070208	TRACE2	07/02/08	23:54	SW	S	CONC
146	AD836935/PB	A070208	TRACE2	07/03/08	00:00	SW	S	CONC
147	AD836934/FB	A070208	TRACE2	07/03/08	00:06	SW	S	CONC
148	AD836914 7624	A070208	TRACE2	07/03/08	00:11	SW	S	CONC
149	AD836915 7628	A070208	TRACE2	07/03/08	00:17	SW	S	CONC
150	AD836916 7675	A070208	TRACE2	07/03/08	00:22	SW	S	CONC
151	AD836917 7695	A070208	TRACE2	07/03/08	00:27	SW	S	CONC
152	AD836918 7707	A070208	TRACE2	07/03/08	00:33	SW	S	CONC
153	AD836919	A070208	TRACE2	07/03/08	00:38	SW	S	CONC
154	CCV	A070208	TRACE2	07/03/08	00:45	SW	Q	CONC
155	CCB	A070208	TRACE2	07/03/08	00:51	SW	B	CONC
156	AD836920 7709	A070208	TRACE2	07/03/08	00:56	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD836921	A070208	TRACE2	07/03/08	01:02	SW	S	CONC
158	AD836922	A070208	TRACE2	07/03/08	01:07	SW	S	CONC
159	AD836922/L (1:5)	A070208	TRACE2	07/03/08	01:12	SW	S	CONC
160	AD836922/PS	A070208	TRACE2	07/03/08	01:18	SW	S	CONC
161	AD836923/MS	A070208	TRACE2	07/03/08	01:23	SW	S	CONC
162	AD836924/SD	A070208	TRACE2	07/03/08	01:29	SW	S	CONC
163	AD836925	A070208	TRACE2	07/03/08	01:34	SW	S	CONC
164	AD836926 7714	A070208	TRACE2	07/03/08	01:40	SW	S	CONC
165	AD836927	A070208	TRACE2	07/03/08	01:45	SW	S	CONC
166	CCV	A070208	TRACE2	07/03/08	01:52	SW	Q	CONC
167	CCB	A070208	TRACE2	07/03/08	01:57	SW	B	CONC
168	STD BLK	A070208	TRACE2	07/03/08	02:14		X	IR
169	STD 1	A070208	TRACE2	07/03/08	02:19		X	IR
170	STD 2	A070208	TRACE2	07/03/08	02:24		X	IR
171	STD 3	A070208	TRACE2	07/03/08	02:29		X	IR
172	STD 3 VER	A070208	TRACE2	07/03/08	02:35	SW	B	CONC
173	ICV	A070208	TRACE2	07/03/08	02:40	SW	Q	CONC
174	ICB	A070208	TRACE2	07/03/08	02:45	SW	B	CONC
175	CRI	A070208	TRACE2	07/03/08	02:51	SW	B	CONC
176	ICSA	A070208	TRACE2	07/03/08	02:56	SW	Q	CONC
177	ICSAB	A070208	TRACE2	07/03/08	03:02	SW	Q	CONC
178	CCV	A070208	TRACE2	07/03/08	03:08	SW	Q	CONC
179	CCB	A070208	TRACE2	07/03/08	03:14	SW	B	CONC
180	AD836928	A070208	TRACE2	07/03/08	03:19	SW	S	CONC
181	AD836929 7738	A070208	TRACE2	07/03/08	03:25	SW	S	CONC
182	AD836930	A070208	TRACE2	07/03/08	03:30	SW	S	CONC
183	AD836931	A070208	TRACE2	07/03/08	03:36	SW	S	CONC
184	AD836932 7741	A070208	TRACE2	07/03/08	03:41	SW	S	CONC
185	AD836933	A070208	TRACE2	07/03/08	03:46	SW	S	CONC
186	AD837324/PB	A070208	TRACE2	07/03/08	03:53	SW	S	CONC
187	AD837323/FB	A070208	TRACE2	07/03/08	03:59	SW	S	CONC
188	AD837309 7843	A070208	TRACE2	07/03/08	04:04	SW	S	CONC
189	AD837310	A070208	TRACE2	07/03/08	04:10	SW	S	CONC
190	CCV	A070208	TRACE2	07/03/08	04:17	SW	Q	CONC
191	CCB	A070208	TRACE2	07/03/08	04:22	SW	B	CONC
192	AD837311	A070208	TRACE2	07/03/08	04:27	SW	S	CONC
193	AD837311/L (1:5)	A070208	TRACE2	07/03/08	04:33	SW	S	CONC
194	AD837311/PS	A070208	TRACE2	07/03/08	04:38	SW	S	CONC
195	AD837312/MS	A070208	TRACE2	07/03/08	04:44	SW	S	CONC
196	AD837313/SD	A070208	TRACE2	07/03/08	04:49	SW	S	CONC
197	AD837314	A070208	TRACE2	07/03/08	04:55	SW	S	CONC
198	AD837315	A070208	TRACE2	07/03/08	05:00	SW	S	CONC
199	AD837316	A070208	TRACE2	07/03/08	05:05	SW	S	CONC
200	AD837317	A070208	TRACE2	07/03/08	05:11	SW	S	CONC
201	AD837318	A070208	TRACE2	07/03/08	05:16	SW	S	CONC
202	CCV	A070208	TRACE2	07/03/08	05:23	SW	Q	CONC
203	CCB	A070208	TRACE2	07/03/08	05:29	SW	B	CONC
204	AD837319	A070208	TRACE2	07/03/08	05:34	SW	S	CONC
205	AD837320	A070208	TRACE2	07/03/08	05:40	SW	S	CONC
206	AD837322	A070208	TRACE2	07/03/08	05:45	SW	S	CONC
207	AD836377 7622	A070208	TRACE2	07/03/08	05:53	SW	S	CONC
208	AD836378	A070208	TRACE2	07/03/08	05:59	SW	S	CONC
209	AD836379	A070208	TRACE2	07/03/08	06:04	SW	S	CONC
210	AD836380	A070208	TRACE2	07/03/08	06:10	SW	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
211	AD836381	A070208	TRACE2	07/03/08	06:15	SW	S	CONC
212	AD836382	A070208	TRACE2	07/03/08	06:21	SW	S	CONC
213	AD836383	A070208	TRACE2	07/03/08	06:26	SW	S	CONC
214	CCV	A070208	TRACE2	07/03/08	06:33	SW	Q	CONC
215	CCB	A070208	TRACE2	07/03/08	06:38	SW	B	CONC
216	AD836384	A070208	TRACE2	07/03/08	06:44	SW	S	CONC
217	AD836385	A070208	TRACE2	07/03/08	06:49	SW	S	CONC
218	AD836386	A070208	TRACE2	07/03/08	06:55	SW	S	CONC
219	AD836387	A070208	TRACE2	07/03/08	07:00	SW	S	CONC
220	AD836388	A070208	TRACE2	07/03/08	07:05	SW	S	CONC
221	AD836389	A070208	TRACE2	07/03/08	07:11	SW	S	CONC
222	AD836321	A070208	TRACE2	07/03/08	07:16	SW	S	CONC
223	AD836321/(1:5)	A070208	TRACE2	07/03/08	07:25	SW	S	CONC
224	CCV	A070208	TRACE2	07/03/08	07:35	SW	Q	CONC
225	CCB	A070208	TRACE2	07/03/08	07:40	SW	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.04738	8.54273	42.5928	85.4037	50.315	18.746
2	As1890	-.00726	.72094	3.62701	7.22625	1.0032	.36531
3	B_2496	.00854	1.48228	7.35176	14.754	1.0018	.36841
4	Ba4934	.00384	4.27428	21.4313	42.778	1.0041	.37692
5	Be3130	.30591	7.94579	38.6064	76.1826	.99686	.37703
6	Ca3179	.01357			65.1252	50.262	18.850
7	Cd2265	-.02069	12.7911	62.9491	125.315	.99137	.37494
8	Co2286	-.00544	.73051	3.64958	7.28921	.99669	.37283
9	Cr2677	-.00116	2.02959	10.0709	20.1105	.99590	.38900
10	Cu3247	.01411	.89377	4.38792	8.7555	1.0012	.37049
11	Fe2714	-.00251	1.97063	9.80526	19.559	49.809	18.771
12	K_7664	-.09717			72.6382	50.134	18.543
13	Mg2790	.00545			123.415	49.910	18.747
14	Mn2576	.00293	1.42721	7.08589	14.1444	.99682	.38173
15	Mo2020	.00848	1.23	6.11848	12.2778	1.0030	.37612
16	Na3302	.0052			3.22008	50.290	18.345
17	Ni2316	-.12209	5.37029	26.814	53.3381	.99195	.37848
18	2203/1	.08707	1.7216	8.40126	16.6515	1.0083	.37856
19	2203/2	-.01712	1.64968	8.324	16.5586	.99639	.38077
20	Sb2068	-.00164	.40606	2.02735	4.09625	1.0070	.38101
21	1960/1	.00295	.51207	2.42635	4.90288	.99791	.36952
22	1960/2	.00279	.89066	4.35582	8.79689	1.0001	.38008
23	Ti3372	.10014	5.42135	26.7233	53.3252	1.0030	.38662
24	Tl1908	-.01188	.48793	2.43124	4.95623	1.0119	.37923
25	V_2924	.00026	.29775	1.47865	2.95494	.99896	.37499
26	Zn2062	.00199	.26406	1.29344	2.56622	.98989	.38090
27	Sn1899	.02495	2.3337	11.653	23.3008	1.0030	.37876
28	Ag3280	.01237	1.59267	7.95906	15.9816	1.0048	.36707
29	*Y	3757.65	3858.9	3830.85	3807.34	3806.89	3819.83
30	PB2203					1.0004	.38004
31	SE1960					.99933	.37655

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00291	.20765	513.22	514.28	24.980	.00253
2	As1890	.00245	.01090	.00207	.10100	.49351	.00041
3	B_2496	.00219	.02132	.00168	.01081	.49056	.00088
4	Ba4934	-.00011	.00197	.00088	.51924	.49881	-.00007
5	Be3130	-.00002	.00208	.00094	.51329	.50518	.00004
6	Ca3179	-.00085	.48433	512.74	511.55	25.274	-.00138
7	Cd2265	-.00013	.00104	.00036	.98878	.50274	-.00006
8	Co2286	-.00017	.00432	.00068	.49155	.49883	-.00017
9	Cr2677	.00018	.00442	.00027	.52124	.52110	.00015
10	Cu3247	.00025	.01055	.00042	.51467	.49624	.00035
11	Fe2714	-.00349	.06014	198.46	99.842	25.177	-.00453
12	K_7664	-.00241	.44913	.01942	.01863	24.880	.00416
13	Mg2790	-.00022	.19524	513.82	505.46	25.099	.00042
14	Mn2576	.00000	.00297	.00158	.49608	.51139	.00001
15	Mo2020	.00091	.01047	.00328	.00233	.49963	.00152
16	Na3302	.00366	.85571	-.02457	-.20935	24.714	-.00727
17	Ni2316	.00090	.01125	.00127	.95903	.50692	.00054
18	2203/1	-.00123	.00175	.01585	.07448	.51341	-.00090

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	-.00015	.00584	-.00743	.04236	.50975	-.00129
20	Sb2068	.00074	.01768	.00171	.63408	.50700	.00212
21	1960/1	.00953	.01641	-.00583	.05278	.50187	-.00391
22	1960/2	-.00177	.01515	-.00769	.04574	.51020	-.00144
23	Ti3372	.00006	.00442	.00122	.00268	.51691	.00010
24	Tl1908	.00154	.01693	-.01160	.08714	.51147	.00203
25	V_2924	-.00031	.00541	-.00027	.50812	.50215	-.00013
26	Zn2062	.00023	.01142	-.00200	.97569	.50990	-.00017
27	Sn1899	-.00118	.00750	-.00032	.00006	.50610	-.00040
28	Ag3280	-.00036	.00188	-.00018	.21578	.49280	-.00040
29	*Y	3813.41	3866.44	3552.19	3584.59	3841.54	3792.94
30	PB2203	-.00051	.00448	.00032	.05305	.51097	-.00116
31	SE1960	.00199	.01557	-.00707	.04809	.50742	-.00226

#	Element	AD8'7/PB	AD8'LPSL	AD837065	AD837066	AD8'1:5)	AD8'6/PS
1	Al3082	.00640	70.231	62.110	63.654	13.563	80.081
2	As1890	.00041	L.80820	.06529	.06950	.01645	.44429
3	B_2496	.00130	1.0817	.08038	.07855	.01893	.44771
4	Ba4934	.00008	H4.0315	.88833	1.0048	.21056	1.3378
5	Be3130	-.00002	L.58012	.00382	.00373	.00077	.38493
6	Ca3179	.05884	67.702	223.45	194.35	40.841	204.79
7	Cd2265	.00003	L.58662	.03118	.04100	.00907	.41561
8	Co2286	-.00050	.69672	.06031	.06364	.01383	.43694
9	Cr2677	.00048	L.88958	5.5495	4.8749	1.0366	5.0619
10	Cu3247	.00207	.79792	2.6563	2.2220	.46637	2.5068
11	Fe2714	.00288	111.17	127.97	155.38	33.224	168.10
12	K_7664	.03781	25.068	6.9249	8.5985	1.6815	28.349
13	Mg2790	.00023	27.244	78.270	84.804	17.586	100.48
14	Mn2576	.00001	L2.6827	2.8206	3.6628	.78029	3.8927
15	Mo2020	.00035	H.52536	.01288	.01058	.00235	.39488
16	Na3302	-.14776	3.9941	2.1321	1.6511	.40300	20.591
17	Ni2316	.00104	1.0955	1.5427	1.2615	.27165	1.5773
18	2203/1	-.00227	.85003	1.3329	1.5780	.33358	1.8960
19	2203/2	-.00031	.83247	1.3180	1.5562	.33492	1.8410
20	Sb2068	.00063	.61483	-.00086	-.00156	.00081	.38091
21	1960/1	-.00188	1.4802	.00345	.00237	-.00320	.38016
22	1960/2	.00389	1.4848	.00781	.00485	.00281	.37402
23	Ti3372	.00009	3.1778	.91073	.70314	.15555	1.0535
24	Tl1908	.00141	L1.2788	-.00204	-.00485	.00028	.37155
25	V_2924	.00025	L.91373	.16372	.18072	.03943	.55453
26	Zn2062	.00570	H2.1624	2.3650	2.6434	.57151	2.8873
27	Sn1899	H.03587	1.0262	.10255	.06445	.01239	.23780
28	Ag3280	-.00062	.75457	.02103	.01553	.00238	.11272
29	*Y	3836.18	4125.23	4081.46	4091.33	3866.33	4075.99
30	PB2203	-.00096	L.83831	1.3230	1.5635	.33447	1.8593
31	SE1960	.00196	1.4833	.00636	.00402	.00080	.37606

WRONG
CHECK TABLE
TYPED IN.
ALL ELEMENTS
PASS, TWS
7/3/08

#	Element	AD8'7/MS	AD8'8/SD	AD837069	AD837070	CCV	CCB
1	Al3082	75.410	82.676	62.956	55.392	25.072	.01067
2	As1890	.42274	.43184	.06346	.08721	.48878	.00078
3	B_2496	.43055	.43655	.07932	.10338	.48897	.00105
4	Ba4934	1.2326	1.3411	.92058	.98845	.49773	-.00012
5	Be3130	.38108	.37788	.00351	.00334	.50611	-.00004
6	Ca3179	203.73	220.47	199.88	127.14	25.230	.00902
7	Cd2265	.40536	.41077	.03891	.36514	.49977	-.00017
8	Co2286	.41240	.41901	.05999	.04729	.49676	.00015
9	Cr2677	4.0891	4.5988	4.1502	8.5578	.51784	.00019
10	Cu3247	2.1853	2.4907	2.0152	4.0948	.49720	.00047
11	Fe2714	152.38	174.86	149.15	162.37	25.213	.00786
12	K_7664	26.466	27.489	8.5522	7.9916	24.736	.00318
13	Mg2790	98.467	105.22	84.984	51.291	24.957	.00846
14	Mn2576	3.8343	4.0566	3.5072	2.4980	.51024	.00005
15	Mo2020	.37573	.37882	.01111	.01263	.49820	.00021
16	Na3302	20.056	20.364	1.3348	4.1171	24.549	-.15239
17	Ni2316	1.3731	1.5003	1.1223	2.3562	.50626	.00078
18	2203/1	1.7343	1.9094	1.4733	1.4566	.51314	-.00291
19	2203/2	1.7059	1.8801	1.4567	1.4330	.50309	.00026
20	Sb2068	.15007	.14226	.00372	.00494	.50094	.00268
21	1960/1	.35529	.34725	-.00834	.00505	.51096	.00307
22	1960/2	.35875	.35876	.01066	.00672	.50707	.00070
23	Ti3372	.99256	1.0246	.70713	.67550	.51079	-.00007
24	Tl1908	.36866	.36280	-.00826	-.00420	.51077	-.00006
25	V_2924	.53198	.55660	.17335	.17126	.49803	-.00022
26	Zn2062	2.6880	2.9755	2.4831	5.1857	.50505	-.00017
27	Sn1899	.27793	.36422	.06095	.06025	.50155	-.00065
28	Ag3280	.11175	.11375	.01346	.01506	.49327	-.00084
29	*Y	4070.44	4069.43	4118.06	4156.76	3841.05	3831.34
30	PB2203	1.7154	1.8899	1.4622	1.4409	.50644	-.00079
31	SE1960	.35760	.35492	.00432	.00616	.50836	.00149

#	Element	AD837071	AD837072	AD837073	AD837074	AD837075	AD8'2/PB
1	Al3082	64.996	57.513	19.165	54.567	135.59	.04226
2	As1890	.06525	.06741	.03194	.13103	.07957	.00011
3	B_2496	.08901	.08717	.07493	.05363	.01906	.00569
4	Ba4934	.93966	1.1690	.37197	3.0688	.74486	.00009
5	Be3130	.00394	.00391	.00183	.00775	.00539	-.00016
6	Ca3179	254.64	91.064	H1038.9	45.264	16.608	.08514
7	Cd2265	.03642	.07099	.00266	.00313	.00086	.00006
8	Co2286	.06431	.05404	.01670	.06365	.14463	.00035
9	Cr2677	7.2609	12.953	.05472	.10927	.18556	.00050
10	Cu3247	2.2815	3.5263	.11370	.90592	.29210	.00078
11	Fe2714	138.36	130.93	66.274	227.56	303.38	.03523
12	K_7664	7.7475	7.8412	5.0601	6.5718	7.6521	-.01238
13	Mg2790	97.434	50.809	594.61	22.580	47.901	.01337
14	Mn2576	3.2180	2.4201	2.3291	1.0217	6.6297	.00044
15	Mo2020	.01216	.01244	.00618	.01590	.00259	-.00098
16	Na3302	1.4082	1.3827	1.1780	1.4057	.49599	.00109
17	Ni2316	1.4919	2.0457	.04130	.17478	.29438	.00134
18	2203/1	1.7718	1.6584	1.5496	7.4558	.07986	-.00402

#	Element	AD837071	AD837072	AD837073	AD837074	AD837075	AD8'2/PB
19	2203/2	1.7361	1.6306	1.5368	7.3557	.07182	.00159
20	Sb2068	-.00088	-.00648	.00376	.01643	-.00079	-.00097
21	1960/1	-.00238	.00568	-.00589	.00955	.00166	.00377
22	1960/2	.00583	.00721	-.00210	.01276	.00151	.00304
23	Ti3372	.85783	.88732	.41439	1.3350	.22132	.00037
24	Tl1908	-.00464	-.00559	-.00285	-.00554	L-.01259	.00312
25	V_2924	.19130	.17998	.06096	.14304	.15491	-.00005
26	Zn2062	2.7845	3.2315	.92645	2.4574	.56134	.00254
27	Sn1899	.07915	.06047	.05532	.11673	.02215	-.00079
28	Ag3280	.02009	.02314	.00051	.00069	-.00057	-.00143
29	*Y	4090.01	4060.28	3767.51	4125.3	4045.31	3944.66
30	PB2203	1.7480	1.6399	1.5411	7.3890	.07450	-.00027
31	SE1960	.00309	.00670	-.00336	.01169	.00156	.00328

#	Element	AD8'1/FB	AD836950	AD836951	AD836952	CCV	CCB
1	Al3082	10.189	1.3136	.07801	.02845	25.060	.01485
2	As1890	.20095	.00782	.03965	.01182	.49104	.00009
3	B_2496	.20324	.03194	.29027	.46739	.48932	.00129
4	Ba4934	.20270	.39263	.71886	.88997	.49944	.00000
5	Be3130	.20411	-.00003	-.00006	-.00004	.50602	-.00003
6	Ca3179	10.228	48.613	130.12	153.04	25.240	.01475
7	Cd2265	.20439	-.00003	-.00005	-.00007	.49968	.00007
8	Co2286	.19614	.00096	.00145	.00255	.49656	.00000
9	Cr2677	.20384	.00511	.00078	.00121	.51916	.00036
10	Cu3247	.20391	.00929	.00088	.00120	.49859	.00090
11	Fe2714	10.342	1.1365	.25478	.98027	25.234	.01114
12	K_7664	10.006	1.5866	1.5543	3.5845	24.689	.01469
13	Mg2790	10.067	40.983	51.342	41.695	25.003	.00986
14	Mn2576	.20586	.06307	2.4748	8.3722	.50978	.00015
15	Mo2020	.20899	.00338	.00697	.00825	.49789	.00130
16	Na3302	10.069	17.232	28.715	32.022	24.590	-.15181
17	Ni2316	.20554	.00426	.00519	.00403	.50691	.00093
18	2203/1	.20252	-.00028	-.00308	-.00519	.50954	-.00365
19	2203/2	.20505	.00450	.00044	.00004	.50791	.00101
20	Sb2068	.20225	-.00002	.00231	.00145	.50252	.00173
21	1960/1	.19441	.00467	-.00227	-.00132	.50230	.00016
22	1960/2	.20369	.00077	.00168	.00185	.50533	.00299
23	Ti3372	.20368	.02836	-.00015	.00012	.51417	.00007
24	Tl1908	.20171	-.00370	-.00095	-.00115	.50531	-.00122
25	V_2924	.20584	.00264	.00025	.00033	.50105	.00003
26	Zn2062	.21022	.00816	.01017	-.00143	.50434	.00007
27	Sn1899	.20861	.00018	.00002	-.00119	.50444	.00063
28	Ag3280	.05040	-.00063	-.00092	-.00027	.49224	-.00064
29	*Y	3945.98	3910.2	3898.2	3869.55	3867.41	3846.68
30	PB2203	.20421	.00290	-.00072	-.00169	.50846	-.00054
31	SE1960	.20060	.00207	.00036	.00079	.50432	.00205

#	Element	AD8'1:5)	AD8'2/PS	AD8'3/MS	AD8'4/SD	AD836955	AD836956
1	Al3082	.01371	10.098	10.172	10.028	.03422	.03291
2	As1890	.00346	.21601	.21808	.21326	.03291	.00439
3	B_2496	.09361	.65366	.66205	.65827	.32349	.13658
4	Ba4934	.17787	1.0721	1.0825	1.0733	.58164	.24276
5	Be3130	-.00003	.20658	.20619	.20314	-.00004	-.00008
6	Ca3179	30.524	160.17	161.75	160.34	189.94	127.86
7	Cd2265	.00018	.20295	.20215	.19966	.00000	.00012
8	Co2286	.00086	.20370	.19663	.19430	.00807	.00175
9	Cr2677	.00101	.20538	.20585	.20361	.00178	.00084
10	Cu3247	.00079	.20290	.20630	.20318	.00211	.00220
11	Fe2714	.19688	11.251	11.292	11.176	1.3104	.02575
12	K_7664	.66706	13.996	14.047	13.996	1.6018	1.0583
13	Mg2790	8.2467	51.099	51.649	51.205	34.844	37.829
14	Mn2576	1.6977	8.3543	8.4611	8.4140	8.4656	1.1351
15	Mo2020	.00199	.21480	.21961	.21805	.06692	.01189
16	Na3302	6.4544	41.369	41.617	41.289	38.835	25.317
17	Ni2316	.00145	.20425	.20575	.20231	.00803	.00387
18	2203/1	-.00505	.19978	.19957	.19801	-.00584	-.00354
19	2203/2	.00157	.20222	.20482	.20036	.00312	.00156
20	Sb2068	.00319	.20676	.20699	.20127	.00363	.00086
21	1960/1	.00315	.19779	.19809	.19820	-.00080	-.00169
22	1960/2	.00088	.20473	.20439	.19900	.00025	.00005
23	Ti3372	-.00029	.20500	.20603	.20326	-.00021	-.00035
24	Tl1908	.00205	.20210	.20093	.20134	.00107	-.00187
25	V_2924	.00064	.20760	.20919	.20613	.00094	.00066
26	Zn2062	-.00028	.19909	.20370	.20133	-.00259	-.00124
27	Sn1899	-.00158	.09330	.20883	.20564	-.00062	-.00300
28	Ag3280	-.00030	.05106	.05186	.05067	-.00051	-.00001
29	*Y	3852.94	3884.63	3879.53	3887.14	3846	3839.96
30	PB2203	-.00063	.20141	.20307	.19958	.00013	-.00014
31	SE1960	.00164	.20241	.20229	.19873	-.00009	-.00052

#	Element	AD836957	AD836958	AD836959	AD836960	CCV	CCB
1	Al3082	2.8588	.04557	1.3457	12.423	25.031	.02025
2	As1890	.00276	.00502	.00340	.01758	.48803	-.00080
3	B_2496	.03169	.03607	.05057	.18310	.48732	.00135
4	Ba4934	.32411	.26065	.15517	.41852	.49839	.00013
5	Be3130	.00000	-.00014	-.00007	.00067	.50429	-.00001
6	Ca3179	107.08	70.508	128.06	88.025	25.184	.02053
7	Cd2265	-.00011	-.00006	-.00009	-.00019	.49755	.00008
8	Co2286	.00152	.00042	.00080	.00830	.49571	.00029
9	Cr2677	.00548	.00069	.00366	.02306	.51902	.00066
10	Cu3247	.00600	.00103	.00217	.00819	.49775	.00119
11	Fe2714	2.6687	.01857	2.0060	16.315	25.190	.01952
12	K_7664	2.4082	1.4706	2.1642	5.1726	24.611	.01051
13	Mg2790	27.892	24.187	33.224	45.897	24.952	.01304
14	Mn2576	.04649	.00208	.05812	.40420	.51017	.00037
15	Mo2020	.00045	.00076	.00073	.00331	.49691	.00151
16	Na3302	16.728	13.061	20.041	22.194	24.660	-.12467
17	Ni2316	.00639	.00205	.00366	.02194	.50448	.00080
18	2203/1	.00072	-.00558	-.00464	.00584	.50850	-.00415

#	Element	AD836957	AD836958	AD836959	AD836960	CCV	CCB
19	2203/2	.00357	.00160	.00260	.00966	.50940	.00030
20	Sb2068	.00235	.00103	.00067	.00233	.49927	.00098
21	1960/1	-.00160	-.00375	-.00302	.00521	.50270	-.00538
22	1960/2	-.00009	.00067	-.00213	.00359	.50841	.00466
23	Ti3372	.05962	.00016	.03447	.33805	.51430	.00020
24	Tl1908	.00158	.00218	-.00086	-.00290	.50439	.00190
25	V_2924	.00482	.00115	.00276	.02475	.50128	.00017
26	Zn2062	.01088	-.00084	.00393	.03692	.50276	-.00017
27	Sn1899	-.00075	-.00126	-.00050	-.00044	.50085	-.00091
28	Ag3280	-.00083	-.00111	-.00083	-.00081	.49268	-.00078
29	*Y	3902.21	3913.95	3898.88	3909.71	3826.31	3817.99
30	PB2203	.00262	-.00078	.00019	.00839	.50910	-.00117
31	SE1960	-.00059	-.00080	-.00243	.00413	.50650	.00131

#	Element	AD836961	AD836962	AD836963	AD836964	AD836965	AD936966
1	Al3082	.03955	100.21	.32015	.29271	.05127	.14277
2	As1890	.00133	.02910	.00188	.00005	.02702	.08223
3	B_2496	.02054	.09261	.01115	.01024	.06931	.13925
4	Ba4934	.19631	.64501	.00725	.00668	.21127	.42518
5	Be3130	-.00010	.00627	-.00014	-.00015	-.00014	-.00010
6	Ca3179	62.403	142.58	2.4593	2.3622	60.908	57.179
7	Cd2265	.00007	.00015	.00010	.00009	.00013	.00005
8	Co2286	.00037	.08300	.00051	.00068	.00093	.00161
9	Cr2677	.00105	.63134	.00445	.00272	.00052	.00235
10	Cu3247	.00175	.07979	.00139	.00163	.00148	.00226
11	Fe2714	.01532	142.51	.21869	.19768	11.105	40.177
12	K_7664	1.2700	17.184	.51755	.51348	1.4002	1.5867
13	Mg2790	11.974	73.346	1.6072	1.5710	7.5616	5.6309
14	Mn2576	.00013	3.5918	.00519	.00389	1.1463	1.8369
15	Mo2020	.00023	.03014	.00075	-.00032	.00034	.00019
16	Na3302	12.570	11.831	2.1443	2.1120	2.9046	3.7886
17	Ni2316	.00180	.39225	.00409	.00266	.00213	.00247
18	2203/1	-.00579	.10619	-.00537	-.00557	-.00588	-.00474
19	2203/2	.00281	.10855	.00149	-.00004	.00146	.00107
20	Sb2068	-.00200	.00017	-.00201	-.00001	-.00261	-.00086
21	1960/1	.00295	.00017	-.00551	-.00182	-.00754	.00114
22	1960/2	.00236	.00555	-.00021	.00090	.00165	.00285
23	Ti3372	.00018	1.9366	.00294	.00243	-.00007	.00088
24	Tl1908	-.00165	-.00695	-.00148	.00069	-.00128	.00032
25	V_2924	.00150	.17277	.00076	.00042	.00050	.00090
26	Zn2062	-.00050	.40797	.00666	.00679	.00302	.00517
27	Sn1899	-.00091	.00656	-.00122	-.00110	-.00155	-.00191
28	Ag3280	-.00103	-.00151	-.00072	-.00093	-.00103	-.00058
29	*Y	3896.81	4183.99	3918.56	3903.38	3902.89	3900
30	PB2203	-.00005	.10776	-.00078	-.00188	-.00098	-.00086
31	SE1960	.00256	.00376	-.00198	.00000	-.00141	.00228

#	Element	AD836967	AD836968	AD836969	AD836970	CCV	CCB
1	Al3082	.03167	.03626	.05719	13.259	24.997	.02306
2	As1890	.00144	.02837	.00568	.13786	.49082	.00156
3	B_2496	.00553	.05463	.05940	.07472	.48707	.00301
4	Ba4934	.00005	.15738	.11854	.25630	.49990	.00009
5	Be3130	-.00015	-.00015	-.00014	.00111	.50348	.00000
6	Ca3179	.06949	57.441	54.932	41.976	25.217	.02808
7	Cd2265	-.00001	.00009	.00003	.00006	.49649	-.00002
8	Co2286	.00032	.00140	.00135	.00908	.49531	.00031
9	Cr2677	.00034	.00049	.00131	.01194	.51753	.00094
10	Cu3247	-.00014	.00149	.00096	.01208	.49642	.00044
11	Fe2714	.02112	7.0712	4.3179	63.863	25.051	.01887
12	K_7664	.00110	1.0332	1.3630	2.8682	24.637	.02389
13	Mg2790	.00220	7.5794	6.9311	7.2262	25.102	.02029
14	Mn2576	.00023	.93574	.83136	2.0827	.50846	.00048
15	Mo2020	.00000	.00002	.00053	.00135	.49702	.00113
16	Na3302	-.04493	1.9367	1.9550	2.8860	24.505	.02216
17	Ni2316	.00091	.00153	.00197	.01212	.50284	.00103
18	2203/1	-.00345	-.00702	-.00286	.00677	.50961	-.00070
19	2203/2	.00013	.00099	.00128	.01444	.50412	.00048
20	Sb2068	.00181	.00009	.00052	.00055	.50600	.00410
21	1960/1	.00103	-.00271	-.00050	-.00295	.49493	-.00552
22	1960/2	-.00144	.00425	.00501	.00263	.50375	.00220
23	Ti3372	-.00019	-.00003	.00000	.06590	.51738	.00040
24	Tl1908	-.00045	.00220	.00023	-.00178	.50924	.00405
25	V_2924	.00033	.00082	.00027	.01793	.50423	.00012
26	Zn2062	.00044	.00091	.00155	.05233	.50347	.00043
27	Sn1899	.00120	-.00151	.00030	.00188	.49935	-.00113
28	Ag3280	-.00054	-.00056	-.00059	-.00038	.48986	-.00027
29	*Y	3925.09	3918.45	3890.48	3949.54	3870.19	3821.03
30	PB2203	-.00106	-.00167	-.00009	.01188	.50595	.00008
31	SE1960	-.00062	.00193	.00317	.00077	.50080	-.00037

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'3/PB
1	Al3082	.20614	507.69	518.83	24.456	.01975	.09336
2	As1890	.01103	-.00178	.10343	.47904	.00023	-.00061
3	B_2496	.02254	.00191	.01126	.47358	.00203	.01413
4	Ba4934	.00187	.00088	.52484	.49493	-.00005	.00003
5	Be3130	.00196	.00083	.51805	.49439	-.00005	-.00011
6	Ca3179	.47967	505.66	517.06	24.781	.01458	.17495
7	Cd2265	.00118	-.00009	.99159	.48714	.00001	.00015
8	Co2286	.00409	.00022	.49414	.48570	.00013	.00059
9	Cr2677	.00477	-.00001	.52593	.51094	.00058	.00084
10	Cu3247	.01017	.00012	.52175	.49012	.00041	.00089
11	Fe2714	.05593	196.85	100.72	24.636	.01386	.02452
12	K_7664	.44126	.02127	.02349	23.974	.01092	.00342
13	Mg2790	.19164	506.99	507.99	24.286	.01365	.01548
14	Mn2576	.00296	.00160	.49984	.50108	.00011	-.00002
15	Mo2020	.00999	.00305	.00094	.49770	-.00011	-.00008
16	Na3302	.92603	-.02889	-.19960	24.013	-.07839	-.08780
17	Ni2316	.01085	.00089	.96703	.49411	.00102	.00153
18	2203/1	.00009	.02013	.06280	.49307	-.00247	-.00613

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'3/PB
19	2203/2	.00462	-.00814	.04943	.49683	.00036	.00173
20	Sb2068	.02190	.00067	.63781	.49675	.00228	.00222
21	1960/1	.01671	.00055	.04167	.47960	-.00655	-.00716
22	1960/2	.01515	-.00900	.05353	.48700	.00305	.00716
23	Ti3372	.00441	.00153	.00253	.52108	.00000	-.00009
24	Tl1908	.01808	-.01057	.08931	.49588	-.00143	.00305
25	V_2924	.00568	-.00049	.51739	.49790	.00025	.00055
26	Zn2062	.01123	-.00200	.97796	.49292	-.00012	.00546
27	Sn1899	.00913	-.00196	-.00377	.49575	-.00228	-.00208
28	Ag3280	.00230	.00017	.21605	.47290	-.00051	-.00043
29	*Y	3861.23	3622.91	3567.68	3789.94	3816.19	3885.38
30	PB2203	.00311	.00127	.05388	.49558	-.00057	-.00088
31	SE1960	.01567	-.00581	.04958	.48453	-.00014	.00238

#	Element	AD8'/LCS	AD8'EBLK	AD836902	AD8'1:5)	AD8'2/PS	AD8'3/MS
1	Al3082	.08769	.08378	2.8160	.57538	2.8037	2.7478
2	As1890	1.0649	.00176	.02573	.00647	1.0941	1.0665
3	B_2496	.09794	H.09797	.12774	.02660	.12722	.12564
4	Ba4934	1.0098	H.00363	.04155	.00847	1.0569	1.0288
5	Be3130	1.0032	-.00013	.00017	-.00007	1.0328	.99439
6	Ca3179	.88553	H.88202	67.105	13.410	66.937	65.820
7	Cd2265	1.0438	.00002	.00001	.00006	1.0362	1.0123
8	Co2286	.98409	.00044	.00249	.00063	.98724	.95954
9	Cr2677	1.0188	.00114	.00122	.00061	1.0302	.99733
10	Cu3247	1.0424	.00177	.01908	.00364	1.0213	1.0403
11	Fe2714	.08454	.01070	.29578	.05816	.35386	.34211
12	K_7664	1.8975	H1.8932	1.6096	.25189	1.6076	1.5836
13	Mg2790	.17916	.16870	10.923	2.2027	10.860	10.739
14	Mn2576	1.0369	.00086	.43014	.08598	1.4617	1.4302
15	Mo2020	1.0355	.00233	.00381	.00078	1.0601	1.0234
16	Na3302	1146.1	H1151.0	H1136.6	285.04	H1133.7	H1121.7
17	Ni2316	1.0271	.00113	.00861	.00240	1.0313	1.0021
18	2203/1	1.0425	-.00419	-.00170	-.00379	1.0336	1.0071
19	2203/2	1.0361	.00164	.00140	.00042	1.0246	.99713
20	Sb2068	1.0504	.00153	.00164	.00344	1.0715	1.0337
21	1960/1	1.0691	.00071	-.00105	-.00494	1.0558	1.0401
22	1960/2	1.0759	.00300	.00162	-.00046	1.0673	1.0493
23	Ti3372	.00017	-.00007	.00240	.00042	.00214	.00213
24	Tl1908	1.0434	.00087	-.00033	-.00021	1.0535	1.0160
25	V_2924	1.0411	.00050	.00447	.00092	1.0582	1.0353
26	Zn2062	1.0489	.00497	.16427	.03274	1.2006	1.1755
27	Sn1899	-.00055	.00044	.00127	-.00210	.00144	.00248
28	Ag3280	1.0315	-.00071	-.00090	-.00029	1.0445	1.0102
29	*Y	3699.04	3673.95	3728.51	3822	3746.1	3765.08
30	PB2203	1.0383	-.00029	.00036	-.00097	1.0276	1.0005
31	SE1960	1.0736	.00223	.00073	-.00195	1.0635	1.0462

#	Element	AD8'4/SD	AD836905	AD836906	CCV	CCB	AD836907
1	Al3082	2.7162	3.3858	6.1260	24.955	.00848	.06890
2	As1890	1.0608	.00492	.01762	.49206	.00170	.15980
3	B_2496	.12147	.20250	1.5635	.48396	.00291	2.0077
4	Ba4934	1.0297	.25563	.28098	.50414	-.00011	.58036
5	Be3130	.99479	.00143	.00215	.50150	-.00005	.00033
6	Ca3179	65.834	386.34	784.48	25.228	-.00214	918.18
7	Cd2265	1.0111	.00111	.02287	.49401	.00004	.00771
8	Co2286	.95846	.03269	.11509	.49406	.00019	.03815
9	Cr2677	.99633	.00270	.04612	.51696	.00026	.54641
10	Cu3247	1.0410	.02615	.25005	.49657	-.00022	.01508
11	Fe2714	.33750	2.3182	.01638	24.982	.00955	.02487
12	K_7664	1.5697	33.809	50.595	24.648	.00274	54.093
13	Mg2790	10.730	40.368	33.790	25.002	-.00126	29.537
14	Mn2576	1.4285	16.468	10.924	.50660	.00005	2.5514
15	Mo2020	1.0218	.00330	.26024	.49664	.00108	.58302
16	Na3302	H1121.9	H1094.5	H1145.2	24.823	-.04652	H1167.6
17	Ni2316	1.0033	.02009	.09016	.50113	.00142	.08796
18	2203/1	1.0076	.00603	.01516	.50589	-.00414	-.00463
19	2203/2	1.0030	.01182	.01927	.50932	.00076	.00150
20	Sb2068	1.0310	.00071	.03237	.50668	.00231	.01206
21	1960/1	1.0267	-.00745	.01972	.49485	-.00145	.05735
22	1960/2	1.0401	-.00001	.02800	.50858	.00166	.05317
23	Ti3372	.00208	.00088	-.00010	.52340	.00002	.00249
24	Tl1908	1.0156	.00258	.00846	.50575	.00037	.00171
25	V_2924	1.0344	.00036	.00346	.50754	.00030	.01755
26	Zn2062	1.1730	.12691	1.8460	.50257	-.00001	.14149
27	Sn1899	.00160	.00051	.00051	.49656	-.00289	.00109
28	Ag3280	1.0086	-.00048	-.00053	.48754	-.00035	-.00120
29	*Y	3726.64	3740.93	3603	3837.98	3785.14	3539.14
30	PB2203	1.0046	.00989	.01790	.50818	-.00087	-.00054
31	SE1960	1.0356	-.00249	.02524	.50400	.00062	.05456

#	Element	AD836908	AD836909	AD836910	CCV	CCB	STD BLK
1	Al3082	.08036	.09022	.85460	24.685	.00647	.05615
2	As1890	.00139	.00110	.00190	.48323	.00285	-.00185
3	B_2496	.61605	.10160	.11203	.48055	.00267	.02334
4	Ba4934	.62109	.40959	.05475	.49806	.00011	.0008
5	Be3130	.00019	.00024	-.00023	.49447	-.00007	.30129
6	Ca3179	673.90	770.00	20.519	24.887	-.00225	.01059
7	Cd2265	.00006	.00124	.00074	.48912	.00004	-.03427
8	Co2286	.00261	.00448	.00157	.48948	-.00010	-.0037
9	Cr2677	.00100	.00060	.00233	.51292	.00038	.01022
10	Cu3247	.00044	.02085	.04121	.49161	.00002	.01391
11	Fe2714	8.1602	.04608	.45067	24.798	-.00186	-.00065
12	K_7664	1.5682	3.3650	6.1492	24.508	.00999	-.0868
13	Mg2790	57.014	15.373	2.1529	24.721	-.00069	.00557
14	Mn2576	1.8004	1.4149	.20594	.50417	.00004	.00397
15	Mo2020	.00273	.00160	.00041	.49241	.00110	.01495
16	Na3302	H1239.1	H1119.4	H1126.9	24.522	-.01722	-.00132
17	Ni2316	.02173	.02033	.00752	.49259	.00032	-.11079
18	2203/1	-.00364	-.00457	.00946	.50133	-.00179	.01963

#	Element	AD836908	AD836909	AD836910	CCV	CCB	STD BLK
19	2203/2	-.00082	-.00050	.01453	.50163	-.00025	-.03821
20	Sb2068	-.00284	-.00100	.00184	.49925	.00125	-.00168
21	1960/1	.00362	.00279	-.00234	.49248	-.00083	-.03668
22	1960/2	.00149	.00009	.00422	.49160	.00097	.00194
23	Ti3372	-.00020	.00066	.00007	.51569	.00024	.08904
24	Tl1908	-.00184	.00244	.00009	.49487	.00245	-.01237
25	V_2924	-.00003	.00155	.00098	.50239	.00000	.00026
26	Zn2062	L-.00684	.01345	.93530	.49569	-.00017	.00198
27	Sn1899	.00061	-.00042	.00218	.49216	-.00203	.01236
28	Ag3280	-.00042	-.00099	-.00043	.48572	-.00034	.00384
29	*Y	3526.65	3575.21	3750.23	3823.24	3793.46	3775.43
30	PB2203	-.00176	-.00185	.01284	.50153	-.00076	
31	SE1960	.00220	.00099	.00203	.49189	.00037	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	8.4914	42.32	84.6891	49.983	18.740	.00937
2	As1890	.73522	3.64087	7.24927	.98121	.36599	.00162
3	B_2496	1.47443	7.25634	14.5183	.99706	.36718	.00085
4	Ba4934	4.28671	21.4952	42.8685	.99967	.37745	.00016
5	Be3130	7.85056	38.1917	75.2443	.99049	.37655	.00008
6	Ca3179			64.8963	49.856	18.791	.00419
7	Cd2265	12.5648	62.1554	123.513	.98588	.37352	.00002
8	Co2286	.72674	3.62772	7.23299	.99044	.37078	-.00011
9	Cr2677	2.0136	10.0156	19.9708	.99503	.38842	-.00038
10	Cu3247	.88417	4.38527	8.72764	.99784	.37159	.00019
11	Fe2714	1.95643	9.75933	19.4205	49.650	18.747	.00660
12	K_7664			72.081	49.865	18.493	.00862
13	Mg2790			122.534	49.573	18.631	.00502
14	Mn2576	1.41389	7.05078	14.0532	.99542	.38188	.00000
15	Mo2020	1.21274	6.09011	12.1835	1.0030	.37772	.00185
16	Na3302			3.23896	49.735	18.470	.23921
17	Ni2316	5.27695	26.5534	52.6174	.98555	.37764	.00082
18	2203/1	1.70224	8.34399	16.4146	.98498	.37806	.00279
19	2203/2	1.66964	8.31572	16.6485	.98309	.37558	.00191
20	Sb2068	.40909	2.04342	4.11687	.99373	.37779	.00262
21	1960/1	.47397	2.44387	4.81639	.98031	.37417	.01022
22	1960/2	.86697	4.38673	8.82253	.99314	.37642	-.00046
23	Ti3372	5.44861	27.0178	53.8043	.99415	.38554	.00073
24	Tl1908	.46047	2.43143	4.90529	1.0078	.38671	.00237
25	V_2924	.30153	1.49995	3.00059	.99364	.37222	.00017
26	Zn2062	.26117	1.28107	2.53794	.98169	.37872	-.00006
27	Sn1899	2.30376	11.5858	22.9971	.99605	.37349	-.00273
28	Ag3280	1.57947	7.86503	15.7597	1.0023	.36742	.00017
29	*Y	3865.2	3835.46	3807.41	3799.31	3809.18	3784.28
30	PB2203				.98372	.37640	.00220
31	SE1960				.98885	.37566	.00309

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD8'3/PB
1	Al3082	.21205	519.48	515.05	24.865	.00322	.03335
2	As1890	.01185	.00133	.09830	.48291	.00027	.00133
3	B_2496	.02152	.00111	.00910	.48518	.00025	.00499
4	Ba4934	.00218	.00092	.52275	.49819	.00000	-.00012
5	Be3130	.00209	.00105	.51295	.50143	.00002	-.00003
6	Ca3179	.48323	518.38	511.08	25.129	.00273	.06991
7	Cd2265	.00126	-.00059	.98487	.49680	.00008	.00011
8	Co2286	.00420	.00082	.49008	.49362	.00003	.00011
9	Cr2677	.00428	-.00009	.52334	.51812	-.00014	.00000
10	Cu3247	.01076	.00055	.51636	.49381	-.00008	-.00028
11	Fe2714	.05360	199.00	99.959	24.974	-.00086	.00885
12	K_7664	.45157	.01594	.00087	24.724	-.01339	.00024
13	Mg2790	.19679	513.07	502.44	24.858	-.00248	.01027
14	Mn2576	.00293	.00164	.49810	.50856	.00001	-.00013
15	Mo2020	.00970	.00080	.00053	.49746	.00066	-.00078
16	Na3302	1.2439	-.09043	.08741	24.412	.12318	.09045
17	Ni2316	.01191	.00109	.95438	.50182	.00078	.00108
18	2203/1	.00470	.00547	.06383	.50389	-.00012	-.00175
19	2203/2	.00646	.00717	.05028	.49994	.00213	.00307
20	Sb2068	.02059	.00510	.63533	.49881	.00242	.00299
21	1960/1	.02486	-.00267	.05618	.49631	.00442	.00212
22	1960/2	.01772	.00182	.04377	.50395	.00577	.00405
23	Ti3372	.00536	.00146	.00302	.51350	.00024	-.00011
24	Tl1908	.02059	-.01855	.08810	.50790	.00046	.00225
25	V_2924	.00590	-.00035	.50920	.49720	.00043	.00038
26	Zn2062	.01148	-.00209	.96768	.50331	-.00016	.00063
27	Sn1899	.00667	.00054	-.00188	.49890	-.00225	-.00041
28	Ag3280	.00339	.00060	.21686	.48977	-.00030	-.00001
29	*Y	3838.39	3473.89	3507.08	3809.7	3772.91	3849.15
30	PB2203	.00587	.00660	.05479	.50126	.00138	.00146
31	SE1960	.02010	.00032	.04791	.50140	.00532	.00341

#	Element	AD8'2/FB	AD836973	AD836974	AD836975	AD8'1:5)	AD8'5/PS
1	Al3082	10.135	.13240	.05126	.03043	.01122	10.083
2	As1890	.19857	.00095	.00234	.00001	.00071	.20290
3	B_2496	.20180	.06493	.01734	.04455	.01023	.24236
4	Ba4934	.20415	.12700	.01061	.12724	.02589	.32966
5	Be3130	.20372	-.00003	-.00005	-.00004	-.00001	.20581
6	Ca3179	10.233	74.506	25.423	80.224	16.007	89.600
7	Cd2265	.20344	.00033	.00027	.00034	.00017	.20304
8	Co2286	.19502	-.00003	.00007	.00000	-.00007	.20243
9	Cr2677	.20410	-.00032	.00196	.00006	-.00013	.20485
10	Cu3247	.20417	.00142	.00244	.00275	.00038	.20337
11	Fe2714	10.247	1.9265	.01800	1.6944	.34934	11.944
12	K_7664	10.073	1.5011	5.0642	1.4562	.26037	11.776
13	Mg2790	10.061	25.665	15.981	28.541	5.6795	38.513
14	Mn2576	.20503	.08495	.00834	.07796	.01568	.28255
15	Mo2020	.20896	.00759	.00536	.00649	.00070	.21397
16	Na3302	10.195	8.5631	64.563	7.3455	1.6512	17.189
17	Ni2316	.20515	.00136	.00210	.00352	.00171	.20435
18	2203/1	.20216	-.00092	.00118	.00008	-.00031	.19965

#	Element	AD8'2/FB	AD836973	AD836974	AD836975	AD8'1:5)	AD8'5/PS
19	2203/2	.20649	.00206	.00274	.00211	.00236	.20150
20	Sb2068	.20506	-.00113	-.00066	.00263	.00171	.20605
21	1960/1	.20329	.00885	.00822	.01094	.00366	.20149
22	1960/2	.20769	.00161	.00156	-.00031	-.00073	.20863
23	Ti3372	.20587	.00139	.00023	.00018	-.00003	.20591
24	Tl1908	.21338	.00262	.00221	.00215	.00013	.20484
25	V_2924	.20508	.00018	.00196	.00006	.00000	.20683
26	Zn2062	.20998	.00701	.00272	.00442	.00147	.20575
27	Sn1899	.20675	-.00208	-.00008	.00013	.00096	.09304
28	Ag3280	.05137	-.00038	-.00024	-.00014	-.00018	.05066
29	*Y	3850.8	3808.24	3807.71	3818.29	3807.98	3829.16
30	PB2203	.20504	.00106	.00222	.00144	.00147	.20088
31	SE1960	.20622	.00403	.00378	.00343	.00073	.20625

#	Element	AD8'6/MS	AD8'7/SD	AD836978	CCV	CCB	AD836979
1	Al3082	10.111	10.201	.02392	24.875	.01101	.07234
2	As1890	.20139	.20600	-.00102	.47850	-.00041	.01269
3	B_2496	.24237	.24493	.01906	.48529	.00076	.66723
4	Ba4934	.33259	.33644	.02260	.49729	.00013	.71453
5	Be3130	.20442	.20655	.00009	.50072	.00008	.00003
6	Ca3179	92.079	93.431	283.73	25.106	.03024	78.192
7	Cd2265	.20173	.20301	.00036	.49809	.00023	.00014
8	Co2286	.19477	.19596	.00026	.49454	-.00014	.00156
9	Cr2677	.20427	.20574	.00012	.51882	-.00007	.00317
10	Cu3247	.20483	.20700	.00244	.49292	-.00006	.00484
11	Fe2714	11.990	12.067	.00423	25.000	.00321	6.3236
12	K_7664	11.802	11.876	1.2929	24.804	.00746	28.845
13	Mg2790	39.602	39.958	49.967	25.061	.00891	31.783
14	Mn2576	.28589	.28794	.00044	.50915	.00047	3.1959
15	Mo2020	.21848	.21994	.00042	.49891	.00018	.00566
16	Na3302	17.329	17.565	6.8941	24.553	.28782	H846.27
17	Ni2316	.20429	.20631	.00184	.50089	.00085	.04911
18	2203/1	.20058	.20084	-.00019	.50452	.00138	.00139
19	2203/2	.20326	.20463	.00126	.50079	.00211	.00329
20	Sb2068	.20372	.20949	.00393	.49954	.00092	.00306
21	1960/1	.19820	.20552	.00993	.49355	.00862	.01095
22	1960/2	.20483	.20647	-.00143	.50507	.00117	.00136
23	Ti3372	.20622	.20863	.00025	.51379	.00061	.00188
24	Tl1908	.20836	.20305	.00167	.51208	.00021	-.00534
25	V_2924	.20739	.20941	.00004	.49910	.00043	.00328
26	Zn2062	.21069	.21143	.00048	.50514	.00024	.00811
27	Sn1899	.20770	.21010	-.00011	.50010	-.00038	.00081
28	Ag3280	.05101	.05196	.00020	.49055	.00000	.00037
29	*Y	3843.75	3832.01	3774.04	3832.54	3784.35	3691.54
30	PB2203	.20237	.20337	.00078	.50203	.00187	.00265
31	SE1960	.20261	.20615	.00235	.50123	.00365	.00456

#	Element	AD836980	AD836981	AD836982	AD836983	AD836984	AD836985
1	Al3082	.03218	.11070	.05190	.05283	.05779	.11206
2	As1890	.00272	-.00141	.00015	.00153	-.00185	-.00011
3	B_2496	1.0815	.01726	.00585	.01488	.01179	.04761
4	Ba4934	.07640	.06607	.00020	.06619	.03942	.03727
5	Be3130	-.00002	-.00006	-.00008	-.00007	-.00004	.00012
6	Ca3179	108.24	62.958	.07433	63.278	73.902	406.07
7	Cd2265	-.00012	.00101	.00010	.00053	.00377	.00004
8	Co2286	.00030	-.00008	.00039	.00016	-.00026	.00198
9	Cr2677	.00012	-.00048	.00010	-.00016	-.00005	-.00021
10	Cu3247	.00025	.00019	.00044	.00023	.00484	.00036
11	Fe2714	.04844	.09275	.01212	.08827	.08513	.50811
12	K_7664	18.827	.78819	-.00266	.79256	.33368	2.9157
13	Mg2790	95.651	15.846	.00894	15.941	19.113	106.57
14	Mn2576	1.0747	.01838	.00007	.01740	.00181	2.3101
15	Mo2020	.10780	.00201	-.00066	.00159	.00138	.00090
16	Na3302	359.37	4.0555	.09968	3.8906	4.5209	13.324
17	Ni2316	.00233	.00131	.00124	.00162	.00643	.00806
18	2203/1	-.00157	.00256	-.00040	-.00395	-.00035	-.00089
19	2203/2	.00214	.00137	.00184	.00397	.00122	.00133
20	Sb2068	.00130	-.00083	.00120	-.00110	-.00188	-.00059
21	1960/1	-.00159	.01143	.00445	.00520	.00489	.00804
22	1960/2	.00072	.00111	.00307	.00453	-.00003	.00063
23	Ti3372	.00024	.00040	.00020	-.00004	.00007	.00123
24	Tl1908	.00153	.00240	.00084	.00015	-.00048	.00211
25	V_2924	.00020	-.00004	.00063	.00016	.00029	-.00054
26	Zn2062	-.00052	.01186	.00353	.00102	.00292	-.00005
27	Sn1899	.00164	-.00211	.00109	-.00040	-.00065	-.00070
28	Ag3280	-.00014	-.00027	-.00015	-.00087	-.00059	-.00072
29	*Y	3769.31	3850.73	3875.85	3857.29	3848.66	3768.15
30	PB2203	.00090	.00177	.00109	.00132	.00070	.00059
31	SE1960	-.00004	.00455	.00353	.00476	.00160	.00310

#	Element	AD836986	AD836987	AD836988	CCV	CCB	AD836989
1	Al3082	.05215	.05325	.29591	25.112	.01725	.96735
2	As1890	-.00130	.00210	.00091	.48562	.00261	.00294
3	B_2496	.01619	.02180	.03732	.48445	-.00003	.10043
4	Ba4934	.08900	.08847	.03820	.50150	.00018	.04593
5	Be3130	.00000	.00003	.00000	.50569	.00019	.00009
6	Ca3179	63.820	175.99	76.262	25.350	.06285	65.721
7	Cd2265	.00029	.00002	.00022	.49767	.00022	.00019
8	Co2286	.00016	.00045	.00014	.49483	-.00031	.00063
9	Cr2677	.00065	.00071	.00019	.51872	-.00006	.00133
10	Cu3247	.00094	.00422	.00313	.49719	-.00018	.00485
11	Fe2714	.01703	.11503	.25019	24.975	.00460	1.2429
12	K_7664	1.4311	1.9489	3.9214	24.862	.00726	3.9695
13	Mg2790	9.5385	34.690	10.959	25.115	.01738	8.9263
14	Mn2576	.00453	.50412	.05039	.50796	.00075	.31009
15	Mo2020	.00043	-.00010	.00655	.49889	.00003	.00157
16	Na3302	1.3506	8.9020	9.9688	24.671	.37444	23.433
17	Ni2316	.00102	.00248	.00217	.50610	.00063	.00470
18	2203/1	-.00135	.00322	.00019	.50647	.00321	-.00132

#	Element	AD836986	AD836987	AD836988	CCV	CCB	AD836989
19	2203/2	.00241	.00681	.00215	.50354	.00125	.00234
20	Sb2068	.00461	-.00075	-.00146	.50307	.00049	-.00073
21	1960/1	.00306	.01141	.00283	.49486	.00885	.00437
22	1960/2	.00456	.00439	-.00063	.51128	.00028	.00591
23	Ti3372	-.00014	.00006	.00347	.51859	.00048	.01851
24	Tl1908	-.00140	.00196	.00038	.51477	-.00020	.00065
25	V_2924	.00065	.00039	.00082	.49752	-.00022	.00242
26	Zn2062	.00130	.00333	.00263	.50547	.00000	.00460
27	Sn1899	.00049	.00018	-.00021	.50154	.00063	-.00108
28	Ag3280	.00010	-.00008	-.00035	.49028	-.00011	-.00061
29	*Y	3801.34	3784.05	3810.08	3764.14	3757.09	3810.71
30	PB2203	.00115	.00561	.00150	.50451	.00190	.00112
31	SE1960	.00406	.00673	.00052	.50580	.00314	.00540

#	Element	AD836990	AD836991	AD8'4/PB	AD8'3/FB	AD837048	AD837049
1	Al3082	1.6323	.24629	.03040	10.093	.14822	.02590
2	As1890	.03342	.00101	-.00003	.19733	.10184	.01463
3	B_2496	1.5171	.30077	.00575	.19964	10.255	.30615
4	Ba4934	.18457	.15059	.00016	.20272	1.1572	.07627
5	Be3130	.00021	.00004	-.00002	.20516	.00024	.00000
6	Ca3179	70.330	120.74	.08032	10.308	13.833	112.14
7	Cd2265	.00020	.00014	.00014	.20512	.00014	.00009
8	Co2286	.01127	.00014	.00023	.19669	.10876	.00552
9	Cr2677	.03619	.00075	-.00022	.20611	.09414	.00041
10	Cu3247	.10516	.00146	.00037	.20502	.00390	.00206
11	Fe2714	2.2938	.26356	.00724	10.347	3.2609	1.4383
12	K_7664	190.45	2.3097	-.00029	10.007	C.00000	10.422
13	Mg2790	96.147	25.725	.00144	10.171	31.430	64.976
14	Mn2576	.27619	.01015	-.00007	.20685	.30654	1.6754
15	Mo2020	.00353	-.00014	-.00122	.21050	.01272	.09185
16	Na3302	H432.93	12.453	.07689	10.252	H1746.0	H623.07
17	Ni2316	.05394	.00169	.00118	.20609	.80753	.00768
18	2203/1	.00934	-.00026	-.00120	.20460	.00158	.00051
19	2203/2	.00781	.00418	.00181	.20440	.00135	.00129
20	Sb2068	.00399	-.00006	.00068	.20446	.00254	-.00200
21	1960/1	.00693	.00703	.01118	.19860	.00818	.01090
22	1960/2	.00402	.00593	.00260	.20356	.00316	.00053
23	Ti3372	.05759	.00749	.00015	.20637	.04501	.00038
24	Tl1908	-.00322	-.00014	.00158	.21139	-.00478	.00281
25	V_2924	.03072	.00090	.00008	.20710	.08208	.00215
26	Zn2062	.12055	.00161	.00279	.21272	.03856	.00200
27	Sn1899	.00610	.00043	.00069	.20816	.01014	.00003
28	Ag3280	-.00001	-.00022	-.00046	.05187	.00015	.00037
29	*Y	3603.04	3820.91	3813.98	3833.4	3306.41	3700.2
30	PB2203	.00832	.00270	.00080	.20446	.00142	.00103
31	SE1960	.00499	.00630	.00546	.20191	.00484	.00399

#	Element	AD837050	AD837051	AD8'1:5)	CCV	CCB	AD8'1/PS
1	Al3082	.02497	.03819	.00867	24.974	-.00090	10.157
2	As1890	-.00092	.00133	.00109	.47796	.00073	.20637
3	B_2496	.09908	.25037	.05014	.48646	.00168	.44018
4	Ba4934	.04769	.01828	.00378	.49674	-.00003	.22237
5	Be3130	.00000	.00001	.00005	.50263	.00001	.20649
6	Ca3179	32.901	16.548	3.2330	25.097	.00021	26.545
7	Cd2265	.00013	.00019	.00011	.49726	.00011	.20613
8	Co2286	.00012	.00052	.00017	.49341	-.00009	.20471
9	Cr2677	.00080	.00018	-.00014	.51874	-.00004	.20602
10	Cu3247	.00057	.00398	.00049	.49397	-.00042	.20651
11	Fe2714	.10234	.02360	-.00019	25.023	-.00321	10.328
12	K_7664	4.2149	.14911	.03025	24.851	.01629	10.306
13	Mg2790	6.9471	3.8862	.75202	25.035	.00021	14.048
14	Mn2576	.39938	.00343	.00049	.50841	-.00003	.20961
15	Mo2020	.00071	.00084	-.00013	.49702	.00127	.20878
16	Na3302	4.1345	6.4951	1.3346	24.485	.23710	16.210
17	Ni2316	.00150	.00186	.00095	.50181	.00080	.20596
18	2203/1	.00442	-.00307	-.00031	.50359	.00310	.20224
19	2203/2	.00752	.00489	.00283	.49576	.00019	.20666
20	Sb2068	.00213	.00553	.00293	.49406	.00219	.20515
21	1960/1	.00585	.00141	.00488	.49913	.00971	.20405
22	1960/2	-.00252	.00527	.00172	.49903	-.00094	.20409
23	Ti3372	.00012	.00030	.00015	.51172	.00040	.20646
24	Tl1908	-.00134	.00152	.00157	.50736	.00130	.20921
25	V_2924	.00034	.00835	.00181	.49594	.00000	.21434
26	Zn2062	.00655	.01259	.00139	.50194	-.00042	.21396
27	Sn1899	-.00107	-.00104	-.00031	.49888	-.00073	.09322
28	Ag3280	-.00037	-.00057	-.00054	.49254	.00000	.05098
29	*Y	3827.66	3822.45	3754.65	3772.76	3779.48	3871.61
30	PB2203	.00649	.00224	.00178	.49837	.00116	.20519
31	SE1960	.00027	.00398	.00277	.49906	.00261	.20408

#	Element	AD8'2/MS	AD8'3/SD	AD837054	AD837055	AD837056	AD837057
1	Al3082	10.200	10.241	.03600	.03876	.03782	.02925
2	As1890	.20502	.20332	.00645	.01925	.00577	.00421
3	B_2496	.43737	.43742	.18777	.16763	.15594	.33282
4	Ba4934	.22256	.22296	.11631	.35001	.20860	.19117
5	Be3130	.20668	.20747	-.00005	.00005	.00003	.00002
6	Ca3179	26.293	26.335	41.891	184.06	188.01	179.35
7	Cd2265	.20535	.20522	.00010	.00011	-.00002	.00000
8	Co2286	.19779	.19714	.00098	.00109	.00070	-.00011
9	Cr2677	.20775	.20707	.00060	.00057	.00453	.00102
10	Cu3247	.21084	.21127	.00041	.00013	.00024	.00003
11	Fe2714	10.393	10.383	.84764	13.578	7.8788	5.2731
12	K_7664	10.288	10.288	6.2858	12.829	7.2102	8.7992
13	Mg2790	13.995	13.955	11.101	40.040	32.730	57.627
14	Mn2576	.21131	.21077	.79048	12.172	3.1358	9.1237
15	Mo2020	.21487	.21433	.00202	.01136	.00142	.00246
16	Na3302	16.102	16.251	12.642	185.42	210.72	188.29
17	Ni2316	.20779	.20818	.00424	.00597	.00920	.00341
18	2203/1	.20344	.20531	-.00207	.00188	.00200	.00149

#	Element	AD8'2/MS	AD8'3/SD	AD837054	AD837055	AD837056	AD837057
19	2203/2	.20764	.20576	.00383	.00434	.00606	.00146
20	Sb2068	.20967	.20724	.00004	.00190	.00196	.00032
21	1960/1	.20245	.21004	.00686	.00404	.00937	.00238
22	1960/2	.20738	.20180	.00326	.00266	.00140	-.00153
23	Ti3372	.20785	.20774	.00067	.00017	.00040	.00006
24	Tl1908	.21048	.21208	.00232	.00010	-.00205	-.00250
25	V_2924	.21559	.21432	.00145	.00138	.00053	.00036
26	Zn2062	.21866	.21810	.01338	.00321	-.00082	.00078
27	Sn1899	.21015	.20935	-.00045	.00042	-.00132	-.00082
28	Ag3280	.05204	.05274	-.00018	.00031	-.00038	-.00011
29	*Y	3850.8	3839.4	3836.33	3747.9	3755.48	3745.73
30	PB2203	.20624	.20561	.00186	.00352	.00471	.00147
31	SE1960	.20573	.20454	.00446	.00312	.00406	-.00022

#	Element	AD837058	AD837059	AD837060	CCV	CCB	AD837061
1	Al3082	.04008	.05236	.03844	25.036	.00327	.03969
2	As1890	.00382	.00437	.00774	.48931	.00042	.02542
3	B_2496	.16934	.34532	.10643	.48850	.00111	.17533
4	Ba4934	.14178	.19667	.16019	.50060	-.00016	.11912
5	Be3130	-.00001	.00020	.00000	.50379	.00003	.00003
6	Ca3179	98.425	186.96	121.35	25.258	-.00117	129.45
7	Cd2265	.00015	-.00006	.00002	.49980	.00017	-.00013
8	Co2286	.00019	-.00028	.00026	.49715	-.00033	.00029
9	Cr2677	.00046	.00098	.00018	.51915	-.00032	.00191
10	Cu3247	.00016	-.00077	.00009	.49613	-.00045	.00038
11	Fe2714	1.9919	5.7895	7.7433	25.012	.00084	32.851
12	K_7664	4.7875	9.4314	4.9404	25.025	-.00006	3.6969
13	Mg2790	37.356	60.042	29.018	25.264	-.00323	21.042
14	Mn2576	4.2833	9.7641	3.0405	.50931	-.00005	2.2776
15	Mo2020	.00174	.00232	.00190	.50127	.00035	.00288
16	Na3302	117.24	199.75	153.64	24.723	-.04937	106.29
17	Ni2316	.00312	.00309	.00476	.50338	.00014	.00603
18	2203/1	-.00114	.00005	.00168	.50531	-.00065	-.00137
19	2203/2	.00155	.00172	.00167	.50545	.00137	.00090
20	Sb2068	-.00114	.00102	.00032	.50736	.00036	-.00063
21	1960/1	.00439	.00554	.00582	.49901	.00532	.00581
22	1960/2	.00015	.00006	-.00241	.50704	.00355	.00560
23	Ti3372	.00032	.00015	.00058	.51884	-.00013	.00049
24	Tl1908	-.00243	.00153	.00151	.51570	.00123	.00097
25	V_2924	.00031	.00036	-.00008	.50143	.00008	.00004
26	Zn2062	.00120	-.00131	.00131	.50814	-.00011	.00951
27	Sn1899	-.00083	.00014	-.00010	.50472	-.00061	-.00245
28	Ag3280	-.00029	-.00010	.00027	.49169	-.00095	-.00093
29	*Y	3793.28	3610.12	3781.65	3826.39	3761.29	3807.19
30	PB2203	.00065	.00116	.00167	.50540	.00069	.00014
31	SE1960	.00156	.00189	.00032	.50436	.00414	.00567

#	Element	AD837062	AD8'5/PB	AD8'4/FB	AD836914	AD836915	AD836916
1	Al3082	.17972	.02347	10.243	.16538	.12095	2.7462
2	As1890	.01051	.00177	.20420	.10676	.02256	.03550
3	B_2496	.13542	.00459	.20314	10.787	2.4848	.25678
4	Ba4934	.17966	.00013	.20516	1.2314	1.0386	.19378
5	Be3130	.00012	.00000	.20599	.00032	.00063	.00019
6	Ca3179	181.00	.06610	10.358	14.520	892.69	107.06
7	Cd2265	-.00002	-.00001	.20557	.00006	-.00044	.02116
8	Co2286	.00013	-.00037	.19761	.11500	.10784	.00353
9	Cr2677	.00072	-.00059	.20633	.09999	.03790	.04332
10	Cu3247	-.00091	-.00035	.20572	.00202	.01012	.11514
11	Fe2714	14.135	-.00346	10.325	3.4667	106.42	3.7272
12	K_7664	7.0008	-.02046	10.196	C.00000	98.271	26.343
13	Mg2790	32.543	.00015	10.228	33.197	284.30	30.874
14	Mn2576	4.5832	.00002	.20720	.32373	H30.575	.57546
15	Mo2020	.00432	-.00071	.21086	.01427	.00807	.03946
16	Na3302	216.70	.11932	10.464	H1804.2	316.91	H1282.5
17	Ni2316	.00436	.00083	.20664	.84728	.08209	.03983
18	2203/1	.00324	.00063	.20401	.00122	.00302	1.0410
19	2203/2	.00017	.00128	.20823	.00143	.00596	1.0351
20	Sb2068	.00099	-.00046	.20935	.00250	.00577	.03532
21	1960/1	.00112	.00614	.20489	.00376	.01330	.01481
22	1960/2	.00045	.00125	.20636	.00531	.00036	-.00154
23	Ti3372	.00052	.00017	.20769	.04807	.00843	.22151
24	Tl1908	.00089	.00006	.21000	-.00089	L-.01211	.00088
25	V_2924	.00054	-.00039	.20707	.08747	.05179	.02400
26	Zn2062	.06380	.00154	.21250	.04545	.03635	1.3283
27	Sn1899	.00048	-.00143	.20801	.00876	.00440	.02182
28	Ag3280	.00052	-.00046	.05172	.00093	.00001	.08884
29	*Y	3698.89	3841.28	3816.3	3302.4	3768.98	3595.05
30	PB2203	.00119	.00106	.20682	.00136	.00498	1.0371
31	SE1960	.00067	.00288	.20587	.00479	.00468	.00390

#	Element	AD836917	AD836918	AD836919	CCV	CCB	AD836920
1	Al3082	.05297	.03176	.03142	25.115	.00009	2.9003
2	As1890	.00279	.00158	.00312	.49036	.00262	.07224
3	B_2496	.23992	.04369	.02110	.48884	.00141	.55046
4	Ba4934	.03302	.25638	.19464	.49983	-.00005	.08776
5	Be3130	.00007	.00008	.00006	.50579	.00005	.00026
6	Ca3179	144.67	115.92	63.657	25.356	-.00005	180.61
7	Cd2265	.00031	.00015	.00011	.50169	.00005	.00003
8	Co2286	.00048	.00050	.00030	.49855	-.00016	.00243
9	Cr2677	.00034	-.00019	.00009	.52109	-.00002	.00477
10	Cu3247	.01817	.00359	.00696	.49595	-.00126	.00475
11	Fe2714	.05330	.02210	.00622	25.067	-.00287	6.2110
12	K_7664	33.555	1.5171	.98317	25.188	.00814	9.2452
13	Mg2790	16.388	37.359	9.9277	25.358	.00037	45.696
14	Mn2576	.21826	.00063	.00019	.51166	-.00001	.37700
15	Mo2020	.00375	.00412	.00051	.50016	.00091	.00850
16	Na3302	57.474	23.052	11.708	24.887	.08806	42.253
17	Ni2316	.00755	.00153	.00186	.50651	.00011	.00651
18	2203/1	-.00010	-.00147	-.00313	.51057	.00303	.00193

#	Element	AD836917	AD836918	AD836919	CCV	CCB	AD836920
19	2203/2	.00358	.00244	.00545	.50717	.00231	.00360
20	Sb2068	.00031	-.00049	.00106	.50414	.00189	-.00104
21	1960/1	-.00001	.00023	-.00049	.50166	.01230	.00542
22	1960/2	.00388	.00224	.00497	.51281	.00070	.00271
23	Ti3372	.00121	.00008	.00007	.51918	-.00002	.10604
24	Tl1908	.00055	-.00019	-.00239	.51484	.00034	.00061
25	V_2924	.00105	.00061	.00130	.50180	.00013	.01101
26	Zn2062	.02472	.00477	.03005	.51031	-.00032	.01199
27	Sn1899	-.00104	-.00053	-.00226	.50419	.00117	.00091
28	Ag3280	-.00042	-.00006	-.00079	.49157	.00041	-.00046
29	*Y	3788.33	3799.84	3820.84	3799.01	3782.06	3797.44
30	PB2203	.00235	.00114	.00259	.50830	.00255	.00304
31	SE1960	.00258	.00157	.00315	.50909	.00456	.00361

#	Element	AD836921	AD836922	AD8'1:5)	AD8'2/PS	AD8'3/MS	AD8'4/SD
1	Al3082	.05358	1.0428	.21481	11.214	11.188	11.383
2	As1890	.00077	.00921	.00370	.21700	.21286	.21463
3	B_2496	.29061	.25155	.05039	.44495	.45091	.45658
4	Ba4934	.05664	.09351	.01867	.29555	.29539	.29744
5	Be3130	.00006	.00012	.00011	.20888	.20661	.20895
6	Ca3179	102.92	151.72	30.044	157.51	161.22	163.35
7	Cd2265	.00008	-.00008	.00022	.20630	.20350	.20520
8	Co2286	.00027	.00246	.00036	.20726	.19829	.19945
9	Cr2677	-.00015	.00168	.00037	.20976	.20792	.20888
10	Cu3247	.00092	.01240	.00234	.21494	.21732	.21888
11	Fe2714	.02233	1.5056	.29056	11.834	11.791	11.911
12	K_7664	7.6802	7.6643	1.3887	18.213	18.217	18.470
13	Mg2790	27.634	36.715	7.2494	46.164	46.884	47.551
14	Mn2576	.06977	.81923	.16439	1.0027	1.0197	1.0344
15	Mo2020	.00796	.00426	.00123	.21354	.21584	.21843
16	Na3302	57.830	39.891	7.9752	48.852	49.774	50.130
17	Ni2316	.00194	.00450	.00152	.20733	.20729	.20864
18	2203/1	-.00166	.00028	.00046	.20521	.20094	.20739
19	2203/2	.00248	.00247	.00127	.20327	.20364	.20183
20	Sb2068	.00154	.00122	.00222	.20404	.20597	.20626
21	1960/1	.00549	.00572	.00843	.20869	.20278	.21789
22	1960/2	-.00072	-.00114	-.00083	.20702	.20625	.20149
23	Ti3372	.00054	.02693	.00560	.23463	.22868	.23114
24	Tl1908	.00032	-.00065	.00020	.21088	.20916	.20634
25	V_2924	.00065	.00372	.00069	.21257	.21145	.21237
26	Zn2062	.00302	.02081	.00415	.22472	.22765	.22887
27	Sn1899	.00110	.00052	-.00143	.09510	.20862	.21402
28	Ag3280	-.00008	-.00022	.00013	.05166	.05166	.05227
29	*Y	3819.04	3815.06	3801.23	3807.79	3798.94	3827.18
30	PB2203	.00110	.00174	.00100	.20391	.20274	.20368
31	SE1960	.00135	.00114	.00225	.20758	.20509	.20696

#	Element	AD836925	AD836926	AD836927	CCV	CCB	STD BLK
1	Al3082	1.6668	.02801	24.312	25.153	.00088	.06057
2	As1890	.00135	.00090	.00554	.48635	-.00083	-.00338
3	B_2496	.73600	.00764	.05695	.49108	.00227	.03305
4	Ba4934	.21258	-.00003	.17891	.49724	.00001	.00323
5	Be3130	.00014	.00000	.00123	.50728	.00013	.31663
6	Ca3179	202.01	.11472	135.94	25.366	.00541	.01254
7	Cd2265	.00073	.00010	.00019	.50428	.00014	-.01713
8	Co2286	.00341	-.00016	.00629	.49876	-.00041	-.00593
9	Cr2677	.00993	-.00045	.06674	.52236	.00028	.01227
10	Cu3247	.03243	-.00041	.02700	.49531	-.00002	.01483
11	Fe2714	3.7269	-.00208	17.274	25.126	.00120	-.00134
12	K_7664	9.3921	.00390	3.0163	25.060	.00854	-.09173
13	Mg2790	49.581	.00628	77.582	25.385	.00299	.00539
14	Mn2576	1.4378	-.00010	.40278	.51229	.00006	.00364
15	Mo2020	.00576	-.00130	.00176	.50072	.00019	.00027
16	Na3302	74.926	.37189	9.9645	24.747	.05558	.00188
17	Ni2316	.00841	.00105	.03469	.50790	.00022	-.07771
18	2203/1	.00195	.00108	.01897	.51241	-.00181	.03076
19	2203/2	.00358	.00199	.02459	.50574	.00294	-.01767
20	Sb2068	.00120	-.00126	.00292	.50273	.00304	.01025
21	1960/1	.01032	.00235	.00593	.50212	.00707	-.00431
22	1960/2	-.00039	-.00096	.00391	.50873	.00294	-.00944
23	Ti3372	.11591	-.00015	.20170	.51559	.00017	.11049
24	Tl1908	.00169	-.00019	-.00262	.51833	.00032	-.01142
25	V_2924	.01077	-.00009	.02895	.49983	.00057	.00148
26	Zn2062	.07965	.00071	.10450	.50978	-.00005	.00242
27	Sn1899	.00034	.00170	.00215	.50496	-.00063	.00054
28	Ag3280	.00057	-.00055	-.00022	.49310	-.00003	.01106
29	*Y	3834.71	3885.49	3912.08	3794.66	3754.35	3706.12
30	PB2203	.00304	.00169	.02272	.50796	.00135	
31	SE1960	.00317	.00014	.00458	.50652	.00432	

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
1	Al3082	8.55292	42.2663	85.9181	50.156	18.744	.01012
2	As1890	.73547	3.58001	7.24366	.99611	.36913	-.00030
3	B_2496	1.48008	7.25552	14.5852	1.0049	.36871	.00158
4	Ba4934	4.25888	21.1831	42.6162	1.0004	.37787	.00007
5	Be3130	7.92664	38.1999	76.4964	.99587	.37713	.00011
6	Ca3179			65.8039	49.883	18.750	.00635
7	Cd2265	12.7252	62.5532	125.042	.99268	.37435	.00010
8	Co2286	.7322	3.63998	7.29299	.99623	.37170	.00058
9	Cr2677	2.02606	10.0678	20.1458	.99959	.38890	-.00010
10	Cu3247	.88328	4.34865	8.78597	1.0015	.37141	-.00021
11	Fe2714	1.96488	9.75955	19.5618	49.835	18.778	.00740
12	K_7664			72.5717	49.915	18.522	.01497
13	Mg2790			124.329	49.854	18.706	.00579
14	Mn2576	1.42414	7.07031	14.1682	.99774	.38178	.00019
15	Mo2020	1.22598	6.04123	12.1917	1.0021	.37727	.00262
16	Na3302			3.28332	49.641	18.292	-.05165
17	Ni2316	5.32722	26.5815	53.4303	.99480	.37981	.00021
18	2203/1	1.70385	8.34064	16.887	.99698	.38218	-.00200

#	Element	STD 1	STD 2	STD 3	STD' VER	ICV	ICB
19	2203/2	1.69535	8.33675	16.5955	.98714	.37895	.00070
20	Sb2068	.41077	2.01261	4.04988	1.0088	.38046	.00354
21	1960/1	.49204	2.43828	4.97714	.99168	.38198	-.00380
22	1960/2	.91241	4.35236	8.70074	.98696	.37919	.00395
23	Ti3372	5.44341	26.6397	53.6557	1.0018	.38850	.00010
24	Tl1908	.47489	2.41575	4.91682	1.0149	.38894	.00077
25	V_2924	.30228	1.49868	3.00453	1.0014	.37565	-.00026
26	Zn2062	.26477	1.28744	2.56157	.99039	.38030	-.00001
27	Sn1899	2.27281	11.587	23.1473	1.0057	.37888	-.00065
28	Ag3280	1.5789	7.86936	15.8917	1.0051	.36691	-.00003
29	*Y	3799.46	3787.01	3757.65	3753.3	3740.93	3717.11
30	PB2203				.99041	.38002	-.00019
31	SE1960				.98852	.38012	.00136

#	Element	CRI	ICSA	ICSAB	CCV	CCB	AD836928
1	Al3082	.20592	513.42	515.09	24.982	-.00110	.18534
2	As1890	.01037	-.00203	.10335	.49142	-.00056	-.00022
3	B_2496	.02093	.00141	.01012	.48864	.00047	.02824
4	Ba4934	.00205	.00104	.52183	.50204	-.00005	.04519
5	Be3130	.00203	.00094	.51511	.50412	-.00009	-.00012
6	Ca3179	.47796	509.97	511.34	25.116	.00791	107.51
7	Cd2265	.00095	-.00084	.99069	.49807	-.00003	-.00011
8	Co2286	.00437	.00086	.49203	.49537	-.00008	.00057
9	Cr2677	.00388	-.00047	.52340	.51840	-.00020	.00034
10	Cu3247	.01029	-.00005	.51589	.49743	-.00011	.00047
11	Fe2714	.05687	198.54	100.14	24.974	.00294	.21120
12	K_7664	.45766	.01686	.00696	24.750	.01027	1.1764
13	Mg2790	.19276	511.82	504.55	24.854	.00350	48.085
14	Mn2576	.00290	.00164	.49741	.50751	.00006	.02848
15	Mo2020	.01056	.00175	.00260	.49673	.00147	.00757
16	Na3302	1.0953	-.07266	-.03731	24.512	.06863	6.9149
17	Ni2316	.01037	.00028	.96391	.50716	-.00028	.00152
18	2203/1	.00503	.01426	.06776	.50485	-.00089	-.00083
19	2203/2	.00557	-.00385	.04701	.50538	.00066	.00144
20	Sb2068	.01949	-.00200	.64060	.50146	-.00376	-.00147
21	1960/1	.01501	-.00741	.04350	.50115	-.00128	-.00139
22	1960/2	.01461	-.00791	.05490	.50256	-.00021	.00181
23	Ti3372	.00461	.00126	.00247	.51975	-.00009	.00379
24	Tl1908	.02228	-.01553	.09355	.51253	-.00342	.00120
25	V_2924	.00514	-.00071	.51167	.50198	-.00031	.00002
26	Zn2062	.01107	-.00230	.97675	.50440	-.00038	.00982
27	Sn1899	.00821	.00175	.00288	.50544	-.00069	.00130
28	Ag3280	.00237	.00016	.21577	.49041	-.00049	-.00099
29	*Y	3786.49	3495.53	3521.25	3775.65	3768	3819.79
30	PB2203	.00539	.00217	.05392	.50520	.00014	.00069
31	SE1960	.01474	-.00774	.05110	.50209	-.00057	.00074

#	Element	AD836929	AD836930	AD836931	AD836932	AD836933	AD8'4/PB
1	Al3082	.05466	.78096	.06148	.05458	.09102	H.08896
2	As1890	.00031	.00423	.00670	.00180	.00232	-.00034
3	B_2496	.09928	.24537	.18319	.17454	.18410	.01538
4	Ba4934	.05343	.02415	.12639	.06916	.07323	.00001
5	Be3130	-.00012	-.00012	-.00014	-.00001	-.00010	-.00011
6	Ca3179	34.084	16.963	40.699	151.22	152.83	.21598
7	Cd2265	.00001	.00003	-.00013	.00046	.00001	.00016
8	Co2286	.00043	.00122	.00143	.00158	.00087	.00075
9	Cr2677	-.00020	.00086	-.00005	-.00015	.00014	.00009
10	Cu3247	-.00004	.00496	.00008	-.00006	.00882	.00000
11	Fe2714	.60073	.76147	2.2505	.15748	3.9284	.00796
12	K_7664	4.3340	.26228	6.0427	5.1271	5.7037	-.00852
13	Mg2790	7.2202	4.1795	10.732	70.896	73.956	.00946
14	Mn2576	.55347	.02508	.96336	.25117	.37940	.00001
15	Mo2020	.00143	.00236	.00184	.00148	.00187	.00087
16	Na3302	3.7546	6.0909	12.043	74.950	75.512	-.05268
17	Ni2316	.00100	.00201	.00277	.02664	.07589	.00039
18	2203/1	.00017	-.00233	-.00142	-.00203	.00161	-.00503
19	2203/2	.00010	.00197	.00328	.00193	.00226	.00275
20	Sb2068	-.00276	-.00004	-.00058	.00130	-.00227	.00101
21	1960/1	-.00165	-.00696	-.00279	.00462	.00263	-.00117
22	1960/2	-.00015	.00353	.00153	.00139	.00407	.00378
23	Ti3372	.00044	.02434	.00173	.00003	.00079	-.00035
24	Tl1908	-.00074	.00211	.00024	.00071	.00116	.00047
25	V_2924	.00006	.00862	.00174	-.00058	.00001	.00050
26	Zn2062	.00409	.01034	.00127	.06589	.07105	.00031
27	Sn1899	.00054	.00004	-.00085	.00111	-.00049	.00149
28	Ag3280	-.00014	-.00110	-.00054	-.00032	-.00057	-.00051
29	*Y	3834.34	3849.56	3812.18	3743.51	3794.14	3812.14
30	PB2203	.00013	.00054	.00171	.00061	.00204	.00015
31	SE1960	-.00065	.00003	.00009	.00247	.00359	.00213

#	Element	AD8'3/FB	AD837309	AD837310	CCV	CCB	AD837311
1	Al3082	10.464	.51450	.69862	25.135	.00293	.14517
2	As1890	.19929	.00750	.01065	.49561	-.00074	.00457
3	B_2496	.21622	8.2445	7.9944	.49739	.00614	8.0344
4	Ba4934	.20493	.78723	.80900	.50280	.00010	.73008
5	Be3130	.20275	-.00004	-.00006	.50687	-.00002	-.00002
6	Ca3179	10.248	195.96	204.88	25.242	-.00093	188.16
7	Cd2265	.20384	.00003	.00012	.50047	-.00007	-.00003
8	Co2286	.19503	.02772	.02446	.49706	.00016	.02648
9	Cr2677	.20443	.03570	.03954	.52124	-.00027	.02836
10	Cu3247	.20290	.00652	.00797	.50030	-.00007	.00600
11	Fe2714	10.259	6.4761	10.422	25.089	.00774	.84911
12	K_7664	10.123	324.02	320.05	24.813	.01980	336.65
13	Mg2790	10.074	131.47	131.17	25.115	.00117	129.34
14	Mn2576	.20479	.98067	.40152	.50910	-.00003	.81105
15	Mo2020	.20897	.01925	.01692	.49923	.00184	.01915
16	Na3302	10.275	H824.30	H809.10	24.386	.14182	H838.19
17	Ni2316	.20437	.22462	.21866	.50891	-.00030	.21682
18	2203/1	.20205	.00329	.00881	.50729	.00151	-.00238

#	Element	AD8'3/FB	AD837309	AD837310	CCV	CCB	AD837311
19	2203/2	.20680	.00813	.01040	.50643	-.00021	.00144
20	Sb2068	.20368	.01012	.01081	.50876	-.00186	.00680
21	1960/1	.19512	-.00418	-.00263	.50398	-.00332	.00041
22	1960/2	.20416	.00551	.00136	.50246	.00143	.00447
23	Ti3372	.20563	.01527	.02103	.52218	.00005	.00300
24	Tl1908	.20815	.00298	.00006	.51237	-.00059	.00122
25	V_2924	.20707	.00378	.00638	.50594	-.00013	.00191
26	Zn2062	.20991	1.0271	1.3038	.50765	-.00017	.49770
27	Sn1899	.21116	.00597	.00593	.50539	-.00118	.00221
28	Ag3280	.05186	-.00065	-.00058	.49110	-.00043	-.00068
29	*Y	3826.99	3621.3	3618.86	3784.91	3715.99	3594.38
30	PB2203	.20522	.00652	.00987	.50672	.00036	.00016
31	SE1960	.20114	.00228	.00003	.50297	-.00014	.00312

#	Element	AD8'1:5)	AD8'1/PS	AD8'2/MS	AD8'3/SD	AD837314	AD837315
1	Al3082	.03262	10.432	10.385	10.590	.53210	.32846
2	As1890	-.00158	.21724	.21648	.22099	.00859	.00467
3	B_2496	1.5507	8.0984	8.2985	8.4278	8.5142	8.3731
4	Ba4934	.14419	.91564	.93698	.95488	.76818	.77011
5	Be3130	-.00006	.21005	.20875	.21023	-.00004	-.00002
6	Ca3179	37.126	194.22	198.37	201.77	200.64	187.62
7	Cd2265	-.00002	.20664	.20427	.20538	.00011	-.00008
8	Co2286	.00549	.23134	.22412	.22567	.02623	.02759
9	Cr2677	.00516	.23522	.23611	.23748	.03803	.03120
10	Cu3247	.00063	.21811	.22167	.22320	.00595	.00385
11	Fe2714	.15423	11.160	11.125	11.230	6.2110	3.0744
12	K_7664	69.196	336.27	348.71	354.78	367.82	H401.26
13	Mg2790	25.533	137.62	140.20	142.31	133.38	129.67
14	Mn2576	.16161	1.0047	1.0224	1.0372	.27506	.82064
15	Mo2020	.00508	.23230	.23691	.23965	.01767	.02207
16	Na3302	194.85	H826.72	H844.96	H856.65	H878.34	H926.61
17	Ni2316	.04419	.41572	.42118	.42578	.22789	.22565
18	2203/1	-.00032	.20705	.20354	.20974	.00214	.00419
19	2203/2	-.00046	.20504	.20591	.20724	.00844	.00273
20	Sb2068	-.00104	.21991	.22674	.22818	.00693	.00616
21	1960/1	.00021	.21403	.20507	.21110	-.00145	.00012
22	1960/2	.00409	.21435	.21109	.21365	.00464	.00094
23	Ti3372	.00037	.21503	.21516	.21689	.01456	.00935
24	Tl1908	.00177	.21100	.21260	.21221	-.00113	.00143
25	V_2924	.00013	.21476	.21482	.21696	.00491	.00265
26	Zn2062	.09918	.71135	.70691	.71732	1.0278	.72855
27	Sn1899	.00026	.09963	.21690	.21889	.00663	.00140
28	Ag3280	-.00073	.05318	.05385	.05479	-.00119	-.00076
29	*Y	3731.1	3621.41	3600.41	3586.5	3603.79	3603.94
30	PB2203	-.00041	.20571	.20512	.20807	.00634	.00322
31	SE1960	.00280	.21424	.20908	.21280	.00260	.00066

#	Element	AD837316	AD837317	AD837318	CCV	CCB	AD837319
1	Al3082	.80781	.42519	.22772	25.141	.00297	.54849
2	As1890	.01261	.00763	.00647	.49327	-.00057	.00822
3	B_2496	8.2946	8.1913	8.1837	.50485	.01164	8.7453
4	Ba4934	.85097	.79588	.78621	.50524	.00003	.80951
5	Be3130	.00000	.00000	-.00004	.50526	.00003	-.00006
6	Ca3179	197.26	186.13	182.13	25.208	.00509	201.96
7	Cd2265	.00000	.00002	.00000	.49787	-.00013	.00013
8	Co2286	.02661	.02705	.02652	.49543	.00012	.02760
9	Cr2677	.04254	.03402	.02967	.51913	-.00033	.03708
10	Cu3247	.00856	.00635	.00378	.49899	-.00093	.00720
11	Fe2714	11.472	5.0966	2.1651	24.952	.00499	7.0723
12	K_7664	H429.96	H424.41	H402.81	25.056	.02473	389.53
13	Mg2790	127.18	123.22	120.13	25.005	.00678	128.66
14	Mn2576	.56485	.74843	.89605	.50632	.00003	.57403
15	Mo2020	.01814	.02007	.01888	.49931	.00108	.02095
16	Na3302	H958.19	H950.70	H925.38	24.487	.05448	H928.49
17	Ni2316	.22979	.22517	.22120	.50638	-.00012	.24465
18	2203/1	.01245	.00618	.00230	.50595	.00183	.00669
19	2203/2	.01396	.00575	.00450	.50538	.00038	.01094
20	Sb2068	.01060	.00917	.01110	.50603	-.00211	.01001
21	1960/1	.00334	.00495	.00125	.51011	.00320	.00470
22	1960/2	.00049	.00227	.00611	.49696	.00524	.00217
23	Ti3372	.02360	.01172	.00538	.52480	.00001	.01501
24	Tl1908	-.00174	.00311	.00025	.51253	-.00042	-.00213
25	V_2924	.00721	.00382	.00195	.50796	-.00009	.00481
26	Zn2062	1.4440	.90155	.65949	.50459	-.00006	1.0988
27	Sn1899	.00517	.00553	.00391	.50240	-.00075	.00407
28	Ag3280	-.00074	-.00029	-.00037	.49084	-.00017	-.00071
29	*Y	3592.65	3568.99	3575.18	3750.86	3727.61	3630.19
30	PB2203	.01346	.00589	.00377	.50557	.00086	.00953
31	SE1960	.00144	.00316	.00449	.50134	.00456	.00302

#	Element	AD837320	AD837322	AD836377	AD836378	AD836379	AD836380
1	Al3082	2.7466	.76439	.21778	.03863	.03958	.03373
2	As1890	.03473	.02744	.03126	.00481	.00327	.00414
3	B_2496	9.2646	13.370	.37963	.14627	.03663	.04019
4	Ba4934	1.2688	.25020	.59455	.24317	.29903	.26576
5	Be3130	.00020	.00021	-.00005	-.00005	-.00007	-.00009
6	Ca3179	227.29	281.44	194.48	127.09	106.96	70.939
7	Cd2265	.00052	.00082	-.00008	-.00002	-.00009	-.00002
8	Co2286	.03595	.06957	.00807	.00163	.00055	.00042
9	Cr2677	.07407	.14230	-.00032	-.00001	-.00015	-.00011
10	Cu3247	.02595	.02491	-.00037	.00071	.00034	-.00095
11	Fe2714	45.683	74.433	1.3146	.02088	.09680	-.00551
12	K_7664	316.22	C.00000	1.6999	1.0877	1.8200	1.4986
13	Mg2790	134.48	244.99	35.705	38.071	28.061	24.393
14	Mn2576	2.0035	3.2456	8.5598	1.1173	.00111	.00001
15	Mo2020	.02469	.02984	.06760	.01235	.00054	.00163
16	Na3302	H839.14	H1354.2	39.199	25.255	17.074	13.085
17	Ni2316	.28459	.93575	.00689	.00347	.00190	.00021
18	2203/1	.06093	.02368	-.00402	-.00145	-.00246	.00040

#	Element	AD837320	AD837322	AD836377	AD836378	AD836379	AD836380
19	2203/2	.06324	.01985	.00140	.00032	.00103	-.00008
20	Sb2068	.01471	.03588	-.00612	-.00101	-.00555	-.00524
21	1960/1	.00263	.00779	-.01084	-.00254	-.00153	-.00348
22	1960/2	.00520	.00026	.00117	.00146	.00101	.00270
23	Ti3372	.08141	.11155	-.00023	-.00036	-.00019	-.00041
24	Tl1908	-.00395	-.00730	-.00248	-.00198	.00081	.00088
25	V_2924	.02370	.03961	.00019	.00048	.00025	.00034
26	Zn2062	3.8037	8.5817	.00176	.00949	.00132	-.00062
27	Sn1899	.02108	.02370	.00038	-.00279	.00141	.00158
28	Ag3280	.00001	-.00044	-.00093	-.00073	-.00163	-.00035
29	*Y	3562.65	3400.73	3793.8	3770.59	3782.29	3778.35
30	PB2203	.06247	.02112	-.00040	-.00027	-.00012	.00007
31	SE1960	.00434	.00277	-.00283	.00012	.00016	.00064

#	Element	AD836381	AD836382	AD836383	CCV	CCB	AD836384
1	Al3082	.05443	.04334	.03634	25.199	.01210	.05636
2	As1890	.00059	.01068	.00127	.49491	.00097	.00234
3	B_2496	.05258	.16997	.02188	.49007	.00286	.02165
4	Ba4934	.13079	.24600	.19877	.50583	.00016	.04227
5	Be3130	-.00008	-.00007	-.00004	.50510	.00009	-.00006
6	Ca3179	124.80	75.512	62.441	25.286	.01394	78.490
7	Cd2265	-.00023	-.00005	-.00001	.50087	.00012	-.00009
8	Co2286	.00006	.00062	.00036	.49854	.00050	.00028
9	Cr2677	-.00026	.00031	-.00002	.52195	.00036	.00045
10	Cu3247	-.00092	-.00028	-.00051	.49922	-.00017	-.00067
11	Fe2714	.00394	.00158	.00463	25.077	.01463	.01167
12	K_7664	1.7843	.92522	1.3144	25.126	.04285	.96023
13	Mg2790	32.059	38.659	11.983	25.261	.01105	12.970
14	Mn2576	.00010	.01377	.00000	.50889	.00018	.01141
15	Mo2020	.00094	.00323	.00035	.50355	.00137	.00098
16	Na3302	19.616	20.755	12.496	24.843	.12838	11.629
17	Ni2316	.00035	.00250	.00066	.50801	.00025	.00185
18	2203/1	.00234	-.00239	-.00168	.50727	-.00159	-.00131
19	2203/2	-.00117	.00221	.00037	.51293	.00137	.00115
20	Sb2068	-.00433	-.00113	-.00173	.51384	.00004	-.00035
21	1960/1	.00625	.00377	.00262	.50559	.00044	.00128
22	1960/2	-.00049	.00218	.00481	.50651	.00562	.00201
23	Ti3372	-.00040	-.00040	-.00030	.52829	.00019	-.00044
24	Tl1908	.00138	.00040	.00084	.51192	-.00090	-.00210
25	V_2924	-.00031	.00082	.00140	.51294	.00062	.00064
26	Zn2062	-.00092	-.00008	-.00026	.50858	.00035	.00823
27	Sn1899	.00137	-.00125	.00038	.50697	.00010	.00005
28	Ag3280	-.00055	-.00043	-.00007	.49175	-.00050	-.00088
29	*Y	3776.03	3779.51	3767.85	3720.34	3709.54	3801.34
30	PB2203	.00000	.00067	-.00031	.51104	.00038	.00033
31	SE1960	.00175	.00271	.00408	.50620	.00389	.00177

#	Element	AD836385	AD836386	AD836387	AD836388	AD836389	AD836321
1	Al3082	.06323	.05686	.06131	.04725	.04379	6.1540
2	As1890	.04488	.00168	.00208	.00011	-.00084	.09018
3	B_2496	.32837	.02763	.06506	.02949	.03403	4.2903
4	Ba4934	.03530	.04656	.07050	.14666	.10485	.28587
5	Be3130	-.00002	-.00005	-.00004	-.00007	-.00003	.00034
6	Ca3179	132.43	77.492	113.89	81.936	115.83	287.46
7	Cd2265	-.00005	.00001	-.00004	-.00014	-.00005	.01540
8	Co2286	.00093	.00049	.00073	.00103	.00060	.01256
9	Cr2677	-.00001	-.00008	-.00047	-.00021	-.00005	.25831
10	Cu3247	.00584	.00382	.00273	.00143	.00231	1.0434
11	Fe2714	2.4626	.01952	.00123	.02451	.01277	126.57
12	K_7664	6.4413	1.0382	3.2241	1.0814	.74756	296.35
13	Mg2790	36.684	27.126	36.241	28.295	35.239	42.511
14	Mn2576	.18344	.07245	.01441	.64882	.03646	1.2912
15	Mo2020	.00825	.00160	.00405	.01144	.00196	.05572
16	Na3302	27.334	2.6560	10.397	6.0617	5.9669	H1066.6
17	Ni2316	.00113	.00114	.00151	.00326	.00167	.13461
18	2203/1	-.00396	-.00234	.00015	-.00158	-.00274	.03088
19	2203/2	.00130	.00186	-.00017	.00119	.00362	.03282
20	Sb2068	-.00129	-.00364	-.00311	-.00124	-.00318	L-.03759
21	1960/1	-.00235	-.00248	.00707	-.00138	-.00450	.09924
22	1960/2	.00320	.00181	.00011	.00305	.00362	.03366
23	Ti3372	-.00064	.00002	-.00028	-.00039	-.00053	.20594
24	Tl1908	.00325	.00321	.00172	-.00280	-.00022	L-.09684
25	V_2924	.00022	.00136	.00030	.00003	.00021	.03703
26	Zn2062	.00817	.01555	.01450	.00662	.00923	2.3825
27	Sn1899	-.00024	-.00052	-.00180	-.00049	-.00056	.16296
28	Ag3280	-.00077	-.00063	-.00032	-.00046	-.00127	.00200
29	*Y	3746.62	3770.59	3752.55	3790.65	3766.09	3272.33
30	PB2203	-.00045	.00046	-.00006	.00026	.00150	.03218
31	SE1960	.00134	.00038	.00243	.00157	.00091	.05552

#	Element	AD8'1:5)	CCV	CCB
1	Al3082	1.2502	25.143	.00599
2	As1890	.01543	.49447	-.00183
3	B_2496	.83191	.49121	.00299
4	Ba4934	.05546	.50454	.00000
5	Be3130	-.00009	.50402	.00006
6	Ca3179	54.979	25.248	.01891
7	Cd2265	.00274	.50132	.00000
8	Co2286	.00202	.49877	.00047
9	Cr2677	.04943	.52142	.00013
10	Cu3247	.19927	.49917	-.00106
11	Fe2714	24.872	25.024	.01634
12	K_7664	59.487	25.040	.03879
13	Mg2790	8.6754	25.332	.01423
14	Mn2576	.25048	.50820	.00013
15	Mo2020	.01029	.50298	.00084
16	Na3302	267.85	24.623	.16161
17	Ni2316	.02591	.50716	.00012
18	2203/1	.00767	.50813	.00050

#	Element	AD8'1:5)	CCV	CCB
19	2203/2	.00397	.51452	-.00024
20	Sb2068	-.00510	.51671	-.00017
21	1960/1	.01955	.50588	-.00288
22	1960/2	.00506	.51000	.00086
23	Ti3372	.04602	.52871	-.00012
24	Tl1908	L-.01814	.51241	-.00126
25	V_2924	.00617	.51433	.00000
26	Zn2062	.46243	.51028	.00019
27	Sn1899	.03173	.50546	.00092
28	Ag3280	-.00035	.49184	-.00024
29	*Y	3696.3	3778.24	3718.88
30	PB2203	.00520	.51239	.00000
31	SE1960	.00989	.50862	-.00038

Curvefit

Fit Status Summary 05/22/08 11:50:16 AM

page 1

Method: TRACE2

Mode: Concentration

Standards Table: NAKCAMG

Data File: AMAY2208

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
-----	-----	-----	-----	-----
Ca3179	317.933	05/22/08 11:49	Full Fit	1.000000
K_7664	766.491	05/22/08 11:49	Full Fit	.999947
Mg2790	279.078	05/22/08 11:49	Full Fit	.999990
Na3302	330.232	05/22/08 11:50	Full Fit	.999993

Calibration Report

05/22/08 11:18:18 AM

page 1

Method: TRACE2 Standard Name: STD BLK
 Run Time: 05/22/08 11:14:54
 Comment:
 Correction Factor: 1

Operator:

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0415230	-.062716	.0435324	.0105973
SDev	.0031163	.005765	.0068743	.0035485
%RSD	7.505055	9.192900	15.79115	33.48481

#1	.0437266	-.058639	.0386715	.0080882
#2	.0393195	-.066793	.0483932	.0131065

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3962	--	--	--	--	--	--
SDev	7.848954	--	--	--	--	--	--
%RSD	.1981084	--	--	--	--	--	--

#1	3956	--	--	--	--	--	--
#2	3968	--	--	--	--	--	--

Calibration Report

05/22/08 11:22:39 AM

page 1

Method: TRACE2 Standard Name: STD 1

Operator:

Run Time: 05/22/08 11:19:16

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.534646	6.851151	12.63647	.2781595
SDev	.028029	.031944	.02701	.0019636
%RSD	.4289344	.4662565	.2137815	.7059185

#1	6.554465	6.873739	12.65557	.2767711
#2	6.514826	6.828563	12.61737	.2795480

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3965	--	--	--	--	--	--
SDev	17.76606	--	--	--	--	--	--
%RSD	.4480396	--	--	--	--	--	--
#1	3953	--	--	--	--	--	--
#2	3978	--	--	--	--	--	--

Calibration Report

05/22/08 11:28:09 AM

page 1

Method: TRACE2 Standard Name: STD 2

Operator:

Run Time: 05/22/08 11:24:45

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	31.93752	32.60308	63.27070	1.405732
SDev	.17105	.00544	.23134	.005150
%RSD	.5355859	.0166958	.3656305	.3663638

#1	31.81656	32.59923	63.43428	1.402090
#2	32.05847	32.60693	63.10712	1.409373

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	3981	--	--	--	--	--	--
SDev	68.41258	--	--	--	--	--	--
%RSD	1.718445	--	--	--	--	--	--
#1	3933	--	--	--	--	--	--
#2	4029	--	--	--	--	--	--

Calibration Report

05/22/08 11:33:40 AM

page 1

Method: TRACE2 Standard Name: STD 3

Operator:

Run Time: 05/22/08 11:30:16

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	63.26761	61.50011	125.3057	2.883175
SDev	.15496	.12134	.3462	.012367
%RSD	.2449238	.1972957	.2762846	.4289333

#1	63.37718	61.58590	125.5505	2.891920
#2	63.15804	61.41431	125.0609	2.874430

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4018	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.0593980	--	--	--	--	--	--
#1	4019	--	--	--	--	--	--
#2	4016	--	--	--	--	--	--

Calibration Report

05/22/08 11:39:08 AM

page 1

Method: TRACE2 Standard Name: NAKCAMG100

Operator:

Run Time: 05/22/08 11:35:45

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	124.7077	114.2828	252.7488	5.939884
SDev	.8715	.3443	1.1523	.029141
%RSD	.6987971	.3012620	.4558972	.4906046

#1	124.0915	114.0393	251.9340	5.919278
#2	125.3239	114.5262	253.5635	5.960490

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3959	--	--	--	--	--	--
SDev	2.757820	--	--	--	--	--	--
%RSD	.0696564	--	--	--	--	--	--
#1	3961	--	--	--	--	--	--
#2	3957	--	--	--	--	--	--

Calibration Report

05/22/08 11:48:33 AM

page 1

Method: TRACE2 Standard Name: NAKCAMG400

Operator:

Run Time: 05/22/08 11:45:10

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	470.9285	359.5489	1085.569	26.71090
SDev	3.1624	.6504	1.518	.20314
%RSD	.6715262	.1808984	.1398234	.7605023

#1	473.1646	360.0088	1086.642	26.85454
#2	468.6923	359.0890	1084.496	26.56726

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3770	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.4641931	--	--	--	--	--	--
#1	3758	--	--	--	--	--	--
#2	3783	--	--	--	--	--	--

Method: TRACE2 Standard: STD BLK
Run Time: 07/02/08 10:02:35

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.04739	-.00726	.00855	.00385	.30592	.01358	-.02070
SDev	.00665	.01924	.01284	.00468	.00292	.00158	.02247
%RSD	14.024	264.97	150.19	121.78	.95278	11.611	108.57

#1	.04269	-.02087	-.00053	.00716	.30386	.01246	-.03659
#2	.05209	.00634	.01763	.00053	.30798	.01469	-.00481

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00544	-.00116	.01411	-.00251	-.09717	.00545	.00293
SDev	.00430	.01335	.00309	.00582	.01406	.00204	.00114
%RSD	78.975	1148.6	21.857	231.61	14.465	37.457	39.052

#1	-.00848	-.01061	.01193	-.00663	-.08723	.00689	.00212
#2	-.00240	.00828	.01629	.00160	-.10711	.00401	.00374

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00849	.00520	-.12210	.08708	-.01713	-.00164	.00296
SDev	.01162	.00436	.02044	.02909	.06464	.00724	.03856
%RSD	136.97	83.742	16.739	33.405	377.39	440.06	1302.9

#1	.01670	.00212	-.13655	.10765	-.06284	-.00676	.03023
#2	.00027	.00828	-.10765	.06651	.02858	.00347	-.02431

Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.00279	.10015	-.01188	.00027	.00200	.02495	.01238
SDev	.04932	.01773	.00375	.00113	.00018	.02433	.00025
%RSD	1767.6	17.704	31.547	420.13	8.9081	97.518	2.0428

#1	-.03208	.11269	-.01453	-.00053	.00212	.04216	.01220
#2	.03766	.08761	-.00923	.00107	.00187	.00775	.01255

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3758	--	--	--	--	--	--
SDev	19.62221	--	--	--	--	--	--
%RSD	.5221937	--	--	--	--	--	--
#1	3772	--	--	--	--	--	--
#2	3744	--	--	--	--	--	--

Standardization Rpt.

07/02/08 10:12:53 AM

page 1

Method: TRACE2 Standard: STD 1
 Run Time: 07/02/08 10:07:59

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.5427	.72094	1.4823	4.2743	7.9458	12.791	.73052
SDev	.0125	.00490	.0003	.0088	.0036	.020	.00425
%RSD	.14682	.68001	.02206	.20471	.04588	.15765	.58210
#1	8.5339	.71747	1.4821	4.2681	7.9432	12.805	.73352
#2	8.5516	.72441	1.4825	4.2805	7.9484	12.777	.72751
Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	2.0296	.89378	1.9706	1.4272	1.2300	5.3703	1.7216
SDev	.0006	.00031	.0002	.0025	.0076	.0160	.0027
%RSD	.02822	.03461	.01234	.17625	.61916	.29705	.15954
#1	2.0300	.89400	1.9705	1.4290	1.2354	5.3816	1.7235
#2	2.0292	.89356	1.9708	1.4254	1.2246	5.3590	1.7197
Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.6497	.40606	.51208	.89066	5.4214	.48794	.29775
SDev	.0056	.01488	.01663	.00838	.0129	.00530	.00316
%RSD	.34053	3.6653	3.2478	.94056	.23856	1.0858	1.0604
#1	1.6537	.41659	.50032	.89658	5.4305	.48419	.29998
#2	1.6457	.39554	.52384	.88474	5.4122	.49168	.29552
Elem	Zn2062	Sn1899	Ag3280				
Avge	.26406	2.3337	1.5927				
SDev	.00138	.0141	.0094				
%RSD	.52351	.60227	.58893				
#1	.26504	2.3238	1.5993				
#2	.26309	2.3436	1.5860				

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3859	--	--	--	--	--	--
SDev	6.575955	--	--	--	--	--	--
%RSD	.1704101	--	--	--	--	--	--
#1	3864	--	--	--	--	--	--
#2	3854	--	--	--	--	--	--

Method: TRACE2 Standard: STD 2
Run Time: 07/02/08 10:12:57

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	42.593	3.6270	7.3518	21.431	38.606	62.949	3.6496
SDev	.102	.0144	.0144	.074	.129	.092	.0075
%RSD	.24036	.39673	.19609	.34518	.33430	.14674	.20507

#1	42.665	3.6372	7.3416	21.484	38.698	62.884	3.6443
#2	42.520	3.6168	7.3620	21.379	38.515	63.014	3.6549

Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	10.071	4.3879	9.8053	7.0859	6.1185	26.814	8.4013
SDev	.010	.0170	.0112	.0116	.0371	.026	.0677
%RSD	.09808	.38844	.11383	.16427	.60613	.09567	.80575

#1	10.064	4.4000	9.7974	7.0777	6.0923	26.832	8.4491
#2	10.078	4.3759	9.8132	7.0941	6.1447	26.796	8.3534

Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	8.3240	2.0274	2.4264	4.3558	26.723	2.4312	1.4787
SDev	.0300	.0050	.0121	.0089	.167	.0173	.0061
%RSD	.36090	.24859	.49932	.20488	.62440	.71310	.41471

#1	8.3452	2.0238	2.4349	4.3621	26.841	2.4190	1.4743
#2	8.3028	2.0309	2.4178	4.3495	26.605	2.4435	1.4830

Elem	Zn2062	Sn1899	Ag3280
Avge	1.2934	11.653	7.9591
SDev	.0019	.045	.0005
%RSD	.14547	.38926	.00651

#1	1.2921	11.621	7.9594
#2	1.2948	11.685	7.9587

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3831	--	--	--	--	--	--
SDev	.1059970	--	--	--	--	--	--
%RSD	.0027669	--	--	--	--	--	--
#1	3831	--	--	--	--	--	--
#2	3831	--	--	--	--	--	--

Method: TRACE2 Standard: STD 3
 Run Time: 07/02/08 10:17:55

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	85.404	7.2263	14.754	42.778	76.183	65.125	125.32
SDev	.313	.0273	.001	.067	.269	.223	.16
%RSD	.36628	.37739	.00340	.15690	.35300	.34204	.13088
#1	85.625	7.2455	14.754	42.825	76.373	65.283	125.20
#2	85.183	7.2070	14.754	42.731	75.992	64.968	125.43
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.2892	20.111	8.7555	19.559	72.638	123.41	14.144
SDev	.0016	.003	.0286	.013	.139	.12	.017
%RSD	.02179	.01687	.32639	.06414	.19115	.09517	.11692
#1	7.2881	20.113	8.7757	19.550	72.540	123.33	14.133
#2	7.2903	20.108	8.7353	19.568	72.736	123.50	14.156
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	12.278	3.2201	53.338	16.652	16.559	4.0963	4.9029
SDev	.071	.0064	.210	.006	.145	.0313	.0092
%RSD	.58066	.19932	.39419	.03344	.87432	.76425	.18817
#1	12.227	3.2155	53.487	16.648	16.661	4.0741	4.8964
#2	12.328	3.2246	53.189	16.655	16.456	4.1184	4.9094
Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	8.7969	53.325	4.9562	2.9549	2.5662	23.301	15.982
SDev	.0467	.171	.0116	.0078	.0019	.094	.002
%RSD	.53104	.32038	.23401	.26269	.07240	.40392	.01126
#1	8.8299	53.446	4.9480	2.9495	2.5649	23.234	15.980
#2	8.7639	53.204	4.9644	2.9604	2.5675	23.367	15.983

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3807	--	--	--	--	--	--
SDev	11.29610	--	--	--	--	--	--
%RSD	.2966929	--	--	--	--	--	--
#1	3799	--	--	--	--	--	--
#2	3815	--	--	--	--	--	--

Standardization

Report

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Method: TRACE2

Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.587544	-.027745	07/02/08 10:17:55
As1890	189.042	Multiple	Standards	.137176	.000993	07/02/08 10:17:55
B_2496	249.678	Multiple	Standards	.067990	-.000582	07/02/08 10:17:55
Ba4934	493.409	Multiple	Standards	.023376	-.000089	07/02/08 10:17:55
Be3130	313.042	Multiple	Standards	.013110	-.004012	07/02/08 10:17:55
Ca3179	317.933	STD 3	STD BLK	.971041	.028340	07/02/08 10:17:55
Cd2265	226.502	Multiple	Standards	.007911	.000152	07/02/08 10:17:55
Co2286	228.616	Multiple	Standards	.136569	.000739	07/02/08 10:17:55
Cr2677	267.716	Multiple	Standards	.049539	.000052	07/02/08 10:17:55
Cu3247	324.753	Multiple	Standards	.114214	-.001615	07/02/08 10:17:55
Fe2714	271.441	Multiple	Standards	2.54682	.006188	07/02/08 10:17:55
K_7664	766.491	STD 3	STD BLK	.846394	.019530	07/02/08 10:17:55
Mg2790	279.078	STD 3	STD BLK	1.01501	.038000	07/02/08 10:17:55
Mn2576	257.610	Multiple	Standards	.070513	-.000210	07/02/08 10:17:55
Mo2020	202.030	Multiple	Standards	.081687	-.000692	07/02/08 10:17:55
Na3302	330.232	STD 3	STD BLK	.893524	.005950	07/02/08 10:17:55
Ni2316	231.604	Multiple	Standards	.018473	.002242	07/02/08 10:17:55
2203/1	220.351	Multiple	Standards	.062035	-.005393	07/02/08 10:17:55
2203/2	220.352	Multiple	Standards	.059226	.001013	07/02/08 10:17:55
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.245883	.000405	07/02/08 10:17:55
1960/1	196.021	Multiple	Standards	.202209	-.000623	07/02/08 10:17:55
1960/2	196.022	Multiple	Standards	.112064	-.000320	07/02/08 10:17:55
Ti3372	337.280	Multiple	Standards	.018786	-.001881	07/02/08 10:17:55
Tl1908	190.864	Multiple	Standards	.199929	.002368	07/02/08 10:17:55
V_2924	292.402	Multiple	Standards	.337703	-.000095	07/02/08 10:17:55
Zn2062	206.200	Multiple	Standards	.385602	-.000780	07/02/08 10:17:55
Sn1899	189.989	Multiple	Standards	.043096	-.001071	07/02/08 10:17:55
Ag3280	328.068	Multiple	Standards	.062937	-.000774	07/02/08 10:17:55

Standardization

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Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000097	-.000097
		STD 1	5.00000	4.99148	.008518
		STD 2	25.0000	24.9974	.002636
		STD 3	50.0000	50.1507	-.150669

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.099889	.000111
		STD 2	.500000	.498532	.001468
		STD 3	1.00000	.992262	.007738

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100200	-.000200
		STD 2	.500000	.499268	.000732
		STD 3	1.00000	1.00255	-.002550

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099829	.000171
		STD 2	.500000	.500899	-.000899
		STD 3	1.00000	.999911	.000089

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100156	-.000156
		STD 2	.500000	.502113	-.002113
		STD 3	1.00000	.994731	.005269

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.041523	.013576	.027947
		STD 3	63.2676	65.1252	-1.85763

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101346	-.001346
		STD 2	.500000	.498159	.001841
		STD 3	1.00000	.991553	.008447

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100505	-.000505
		STD 2	.500000	.499159	.000841
		STD 3	1.00000	.996219	.003781

CorCoef: 1.00000

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000005	.000005
		STD 1	.100000	.100596	-.000596
		STD 2	.500000	.498951	.001049
		STD 3	1.000000	.996302	.003698

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100466	-.000466
		STD 2	.500000	.499547	.000453
		STD 3	1.000000	.998384	.001616

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000212	.000212
		STD 1	5.000000	5.02506	-.025060
		STD 2	25.00000	24.9785	.021526
		STD 3	50.00000	49.8197	.180340

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.062716	-.097172	.034456
		STD 3	61.5001	72.6382	-11.1381

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.043532	.005450	.038082
		STD 3	125.306	123.415	1.89101

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100427	-.000427
		STD 2	.500000	.499438	.000562
		STD 3	1.000000	.997152	.002848

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099784	.000216
		STD 2	.500000	.499108	.000892
		STD 3	1.000000	1.00224	-.002241

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.010597	.005201	.005397
		STD 3	2.88318	3.22009	-.336913

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	-.000013	.000013
		STD 1	.100000	.101447	-.001447
		STD 2	.500000	.497576	.002424
		STD 3	1.000000	.987554	.012446

CorCoef: 0.99999

Standardization

Readback Report

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	.000009	-.000009
		STD 1	.100000	.101406	-.001406
		STD 2	.500000	.515778	-.015778
		STD 3	1.000000	1.02758	-.027580

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.098718	.001282
		STD 2	.500000	.494013	.005987
		STD 3	1.000000	.981721	.018279

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.100248	-.000248
		STD 2	.500000	.498897	.001103
		STD 3	1.000000	1.00760	-.007602

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000024	.000024
		STD 1	.100000	.102924	-.002924
		STD 2	.500000	.490008	.009992
		STD 3	1.000000	.990785	.009215

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000008	.000008
		STD 1	.100000	.099491	.000509
		STD 2	.500000	.487811	.012189
		STD 3	1.000000	.985496	.014504

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.099963	.000037
		STD 2	.500000	.500137	-.000137
		STD 3	1.000000	.999873	.000127

CorCoef: 1.00000

Standardization

Readback Report

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.099921	.000079
		STD 2	.500000	.488444	.011556
		STD 3	1.00000	.993264	.006736

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100457	-.000457
		STD 2	.500000	.499252	.000748
		STD 3	1.00000	.997799	.002201

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000011	.000011
		STD 1	.100000	.101043	-.001043
		STD 2	.500000	.497975	.002025
		STD 3	1.00000	.988762	.011238

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000004	-.000004
		STD 1	.100000	.099503	.000497
		STD 2	.500000	.501130	-.001130
		STD 3	1.00000	1.00310	-.003104

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099464	.000536
		STD 2	.500000	.500147	-.000147
		STD 3	1.00000	1.00506	-.005064

CorCoef: 1.00000

Analysis Report

Blank Sample

07/02/08 10:28:41 AM

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Method: TRACE2 Sample Name: STD 3 VER Operator: SW
 Run Time: 07/02/08 10:23:20
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.315	1.0032	1.0018	1.0041	.99686	50.262	.99137
SDev	.132	.0019	.0011	.0025	.00371	.191	.00042
%RSD	.26326	.19188	.10597	.24740	.37195	.37929	.04206
#1	50.409	1.0046	1.0011	1.0058	.99948	50.397	.99167
#2	50.221	1.0018	1.0026	1.0023	.99424	50.128	.99108
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.99669	.99590	1.0012	49.809	50.134	49.910	.99682
SDev	.00141	.00225	.0020	.070	.100	.090	.00042
%RSD	.14130	.22566	.19676	.14121	.20017	.18121	.04234
#1	.99769	.99749	1.0026	49.859	50.205	49.974	.99712
#2	.99570	.99431	.99982	49.760	50.063	49.846	.99652
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0030	50.290	.99196	1.0083	.99640	1.0004	.99933
SDev	.0043	.081	.00366	.0064	.00457	.0052	.00417
%RSD	.43344	.16049	.36877	.63147	.45909	.51695	.41691
#1	.99993	50.347	.99455	1.0128	.99963	1.0040	1.0023
#2	1.0061	50.233	.98937	1.0038	.99316	.99670	.99639
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0070	.99791	1.0001	1.0030	1.0119	.99897	.98989
SDev	.0029	.00996	.0013	.0030	.0136	.00182	.00245
%RSD	.29054	.99764	.12717	.29423	1.3402	.18258	.24771
#1	1.0091	1.0050	1.0010	1.0050	1.0023	1.0003	.99163
#2	1.0049	.99087	.99916	1.0009	1.0215	.99768	.98816
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	1.0030	1.0048
SDev	.0023	.0015
%RSD	.23360	.14962

#1	1.0047	1.0059
#2	1.0014	1.0038

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3807	--	--	--	--	--	--
SDev	12.46276	--	--	--	--	--	--
%RSD	.3273739	--	--	--	--	--	--
#1	3798	--	--	--	--	--	--
#2	3816	--	--	--	--	--	--

Analysis Report

QC Standard

07/02/08 10:34:05 AM

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Method: TRACE2 Sample Name: ICV

Operator: SW

Run Time: 07/02/08 10:28:45

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	18.746	.36532	.36841	.37693	.37704	18.850	.37495
SDev	.008	.00275	.00096	.00021	.00010	.005	.00013
%RSD	.04298	.75370	.25965	.05552	.02540	.02526	.03584
#1	18.752	.36337	.36774	.37708	.37697	18.846	.37485
#2	18.741	.36726	.36909	.37678	.37711	18.853	.37504
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37284	.38901	.37049	18.771	18.543	18.747	.38173
SDev	.00051	.00002	.00020	.022	.032	.030	.00025
%RSD	.13607	.00561	.05477	.11725	.17173	.16103	.06455
#1	.37248	.38902	.37064	18.756	18.565	18.725	.38156
#2	.37319	.38899	.37035	18.787	18.520	18.768	.38191
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37612	18.345	.37848	.37856	.38078	.38004	.37656
SDev	.00060	.213	.00033	.00196	.00033	.00043	.00052
%RSD	.15938	1.1606	.08609	.51724	.08600	.11409	.13764
#1	.37655	18.495	.37871	.37995	.38055	.38035	.37693
#2	.37570	18.194	.37825	.37718	.38101	.37973	.37619
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38101	.36953	.38008	.38662	.37923	.37500	.38091
SDev	.00205	.00104	.00130	.00032	.00773	.00031	.00043
%RSD	.53712	.28180	.34154	.08319	2.0396	.08316	.11303
#1	.38246	.36879	.38100	.38685	.37376	.37478	.38060
#2	.37956	.37027	.37916	.38639	.38470	.37522	.38121
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.37876	.36707
SDev	.00252	.00025
%RSD	.66477	.06874

#1	.38054	.36725
#2	.37698	.36689

Errors	QC Pass	QC Pass
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3820	--	--	--	--	--	--
SDev	5.727634	--	--	--	--	--	--
%RSD	.1499449	--	--	--	--	--	--
#1	3824	--	--	--	--	--	--
#2	3816	--	--	--	--	--	--

Analysis Report

Blank Sample

07/02/08 10:39:30 AM

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Method: TRACE2 Sample Name: ICB

Operator: SW

Run Time: 07/02/08 10:34:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00291	.00246	.00219	-.00011	-.00002	-.00085	-.00014
SDev	.00105	.00059	.00014	.00023	.00000	.00001	.00003
%RSD	36.024	23.817	6.5272	207.30	14.226	1.6791	18.472

#1	.00217	.00287	.00229	.00005	-.00003	-.00084	-.00015
#2	.00365	.00204	.00209	-.00028	-.00002	-.00086	-.00012

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00017	.00019	.00026	-.00349	-.00241	-.00022	-.00001
SDev	.00008	.00014	.00057	.00046	.01856	.00185	.00005
%RSD	44.457	72.882	223.55	13.101	769.13	825.90	753.85

#1	-.00023	.00009	.00066	-.00317	.01071	.00109	-.00004
#2	-.00012	.00029	-.00015	-.00382	-.01554	-.00153	.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00092	.00367	.00090	-.00123	-.00015	-.00051	.00200
SDev	.00140	.12260	.00011	.00223	.00057	.00036	.00302
%RSD	152.40	3343.9	12.256	180.75	379.72	70.658	151.16

#1	.00190	.09036	.00098	.00034	-.00055	-.00026	.00413
#2	-.00007	-.08302	.00082	-.00281	.00025	-.00077	-.00014

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	.00954	-.00178	.00007	.00154	-.00032	.00023
SDev	.00094	.00943	.00019	.00046	.00327	.00006	.00028
%RSD	125.96	98.829	10.662	651.54	211.78	19.683	123.79

#1	.00141	.01620	-.00191	.00039	.00386	-.00036	.00003
#2	.00008	.00287	-.00164	-.00025	-.00077	-.00027	.00043

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00118	-.00036
SDev	.00018	.00063
%RSD	14.824	174.76

#1	-.00106	.00009
#2	-.00131	-.00081

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3813	--	--	--	--	--	--
SDev	5.992799	--	--	--	--	--	--
%RSD	.1571505	--	--	--	--	--	--
#1	3809	--	--	--	--	--	--
#2	3818	--	--	--	--	--	--

Analysis Report

Blank Sample

07/02/08 10:44:53 AM

page 1

Method: TRACE2 Sample Name: CRI

Operator: SW

Run Time: 07/02/08 10:39:33

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20765	.01091	.02132	.00197	.00208	.48434	.00105
SDev	.00217	.00190	.00037	.00000	.00004	.00041	.00004
%RSD	1.0462	17.430	1.7155	.13243	2.0762	.08396	3.8046
#1	.20612	.01225	.02158	.00197	.00211	.48405	.00108
#2	.20919	.00956	.02107	.00197	.00205	.48463	.00102
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00433	.00443	.01055	.06015	.44914	.19524	.00297
SDev	.00023	.00005	.00076	.00927	.02261	.00045	.00007
%RSD	5.2643	1.1043	7.2208	15.418	5.0337	.22958	2.2568
#1	.00449	.00446	.01109	.05359	.46512	.19556	.00302
#2	.00416	.00439	.01001	.06671	.43315	.19493	.00292
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01047	.85572	.01125	.00175	.00585	.00448	.01558
SDev	.00063	.05285	.00006	.00502	.00184	.00044	.00336
%RSD	6.0468	6.1755	.50714	286.58	31.532	9.8433	21.579
#1	.01003	.81835	.01121	-.00180	.00715	.00417	.01320
#2	.01092	.89309	.01129	.00530	.00454	.00480	.01796
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01769	.01642	.01516	.00443	.01694	.00541	.01142
SDev	.00426	.01064	.00028	.00005	.00333	.00025	.00078
%RSD	24.099	64.795	1.8228	1.1263	19.652	4.6398	6.8695
#1	.02070	.00890	.01535	.00439	.01929	.00559	.01198
#2	.01467	.02394	.01496	.00446	.01458	.00524	.01087
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00750	.00189
SDev	.00336	.00015
%RSD	44.761	7.8143

#1	.00513	.00178
#2	.00988	.00199

Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3866	--	--	--	--	--	--
SDev	3.128982	--	--	--	--	--	--
%RSD	.0809268	--	--	--	--	--	--
#1	3864	--	--	--	--	--	--
#2	3869	--	--	--	--	--	--

Analysis Report

QC Standard

07/02/08 10:50:17 AM

page 1

Method: TRACE2 Sample Name: ICESA

Operator: SW

Run Time: 07/02/08 10:44:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	513.22	.00208	.00169	.00089	.00095	512.74	.00037
SDev	2.29	.00180	.00047	.00001	.00003	3.22	.00010
%RSD	.44612	86.743	27.869	.72226	2.8770	.62737	28.137

#1	511.60	.00080	.00202	.00088	.00093	510.46	.00044
#2	514.84	.00335	.00135	.00089	.00097	515.01	.00030

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	.00027	.00043	198.46	.01942	513.82	.00159
SDev	.00003	.00004	.00061	.02	.00227	.63	.00004
%RSD	3.9764	13.364	141.35	.00891	11.687	.12195	2.4026

#1	.00066	.00025	.00086	198.47	.02103	514.26	.00161
#2	.00070	.00030	.00000	198.44	.01782	513.37	.00156

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00329	-.02457	.00127	.01586	-.00743	.00032	-.00707
SDev	.00018	.04641	.00017	.00300	.00273	.00082	.00004
%RSD	5.5830	188.84	13.123	18.941	36.788	254.80	.50820

#1	.00316	.00824	.00139	.01798	-.00936	-.00026	-.00710
#2	.00341	-.05739	.00116	.01373	-.00550	.00091	-.00705

Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	-.00584	-.00769	.00123	-.01161	-.00027	-.00200
SDev	.00131	.00865	.00438	.00001	.00007	.00060	.00009
%RSD	76.704	148.26	56.928	.75932	.60964	219.03	4.5407

#1	.00264	.00028	-.01079	.00122	-.01166	.00015	-.00207
#2	.00078	-.01195	-.00460	.00123	-.01156	-.00070	-.00194

Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00032	-.00018
SDev	.00239	.00016
%RSD	736.48	90.885

#1	.00136	-.00030
#2	-.00201	-.00006

Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3552	--	--	--	--	--	--
SDev	6.416959	--	--	--	--	--	--
%RSD	.1806481	--	--	--	--	--	--
#1	3557	--	--	--	--	--	--
#2	3548	--	--	--	--	--	--

Analysis Report

QC Standard

07/02/08 10:55:41 AM

page 1

Method: TRACE2 Sample Name: ICSAB

Operator: SW

Run Time: 07/02/08 10:50:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	514.28	.10100	.01081	.51924	.51329	511.55	.98878
SDev	3.62	.00017	.00038	.00437	.00352	3.29	.00058
%RSD	.70406	.17078	3.5350	.84124	.68540	.64241	.05853
#1	516.84	.10113	.01054	.52233	.51578	513.87	.98838
#2	511.72	.10088	.01108	.51616	.51080	509.22	.98919
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49155	.52124	.51467	99.842	.01864	505.46	.49608
SDev	.00053	.00005	.00363	.005	.01819	.03	.00006
%RSD	.10704	.01023	.70435	.00473	97.614	.00586	.01159
#1	.49118	.52121	.51724	99.839	.03150	505.44	.49604
#2	.49193	.52128	.51211	99.846	.00577	505.48	.49612
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00234	-.20935	.95904	.07448	.04236	.05306	.04809
SDev	.00049	.19913	.00513	.00192	.00293	.00131	.00223
%RSD	21.103	95.117	.53434	2.5758	6.9088	2.4751	4.6327
#1	.00199	-.35016	.96266	.07313	.04443	.05399	.04651
#2	.00269	-.06855	.95542	.07584	.04029	.05213	.04967
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63409	.05278	.04574	.00268	.08715	.50812	.97570
SDev	.00144	.00167	.00418	.00030	.00747	.00049	.00005
%RSD	.22676	3.1682	9.1335	11.122	8.5734	.09672	.00492
#1	.63511	.05397	.04279	.00247	.09243	.50778	.97573
#2	.63307	.05160	.04870	.00290	.08186	.50847	.97566
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00007	.21578
SDev	.00226	.00011
%RSD	3455.8	.05011

#1	.00167	.21571
#2	-.00153	.21586

Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3585	--	--	--	--	--	--
SDev	10.12944	--	--	--	--	--	--
%RSD	.2825832	--	--	--	--	--	--
#1	3577	--	--	--	--	--	--
#2	3592	--	--	--	--	--	--

Analysis Report

QC Standard

07/02/08 11:02:33 AM

page 1

Method: TRACE2 Sample Name: CCV

Operator: SW

Run Time: 07/02/08 10:57:13

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.980	.49351	.49056	.49881	.50519	25.274	.50274
SDev	.001	.00284	.00417	.00055	.00029	.012	.00003
%RSD	.00254	.57456	.85061	.11076	.05744	.04593	.00633
#1	24.981	.49151	.48761	.49842	.50539	25.282	.50277
#2	24.980	.49552	.49351	.49920	.50498	25.266	.50272
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49884	.52110	.49625	25.177	24.880	25.099	.51140
SDev	.00006	.00034	.00017	.006	.028	.021	.00018
%RSD	.01267	.06609	.03345	.02249	.11144	.08322	.03512
#1	.49888	.52134	.49613	25.181	24.899	25.084	.51127
#2	.49879	.52086	.49636	25.173	24.860	25.114	.51152
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49964	24.714	.50693	.51341	.50975	.51097	.50742
SDev	.00211	.088	.00029	.00066	.00207	.00160	.00494
%RSD	.42172	.35565	.05787	.12925	.40645	.31370	.97417
#1	.49815	24.776	.50672	.51388	.51122	.51210	.51092
#2	.50113	24.652	.50714	.51294	.50829	.50984	.50393
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50701	.50187	.51021	.51692	.51148	.50215	.50990
SDev	.00051	.00065	.00774	.00016	.00697	.00040	.00016
%RSD	.10007	.12902	1.5168	.03076	1.3624	.07985	.03236
#1	.50665	.50141	.51568	.51703	.50655	.50243	.50978
#2	.50736	.50233	.50474	.51680	.51640	.50187	.51002
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50610	.49281
SDev	.00249	.00069
%RSD	.49248	.14046

#1	.50434	.49330
#2	.50787	.49232

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3842	--	--	--	--	--	--
SDev	16.38723	--	--	--	--	--	--
%RSD	.4265801	--	--	--	--	--	--
#1	3830	--	--	--	--	--	--
#2	3853	--	--	--	--	--	--

Analysis Report

Blank Sample

07/02/08 11:07:57 AM

page 1

Method: TRACE2 Sample Name: CCB

Operator: SW

Run Time: 07/02/08 11:02:36

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	.00041	.00089	-.00007	.00004	-.00138	-.00007
SDev	.00119	.00101	.00059	.00003	.00003	.00061	.00001
%RSD	46.827	242.75	66.643	41.909	63.226	43.912	21.861

#1	.00337	-.00030	.00131	-.00005	.00006	-.00095	-.00006
#2	.00170	.00113	.00047	-.00009	.00002	-.00181	-.00008

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00016	.00036	-.00453	.00417	.00043	.00001
SDev	.00007	.00006	.00008	.00562	.03415	.00336	.00003
%RSD	39.172	35.710	21.613	124.04	819.53	787.96	194.18

#1	-.00013	.00020	.00041	-.00056	.02831	.00280	-.00000
#2	-.00023	.00012	.00030	-.00851	-.01998	-.00195	.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00152	-.00728	.00055	-.00091	-.00130	-.00117	-.00226
SDev	.00168	.03495	.00030	.00065	.00072	.00026	.00320
%RSD	110.10	480.37	55.095	72.091	55.495	22.471	141.25

#1	.00271	.01744	.00033	-.00045	-.00181	-.00135	-.00453
#2	.00034	-.03199	.00076	-.00137	-.00079	-.00098	-.00000

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00212	-.00391	-.00144	.00011	.00203	-.00014	-.00017
SDev	.00076	.00277	.00341	.00030	.00156	.00019	.00015
%RSD	36.066	70.931	236.63	280.71	76.619	135.77	86.811

#1	.00158	-.00587	-.00385	.00032	.00093	-.00027	-.00007
#2	.00266	-.00195	.00097	-.00011	.00313	-.00001	-.00028

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00040	-.00041
SDev	.00049	.00031
%RSD	122.65	75.398

#1	-.00075	-.00019
#2	-.00005	-.00063

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3793	--	--	--	--	--	--
SDev	26.25134	--	--	--	--	--	--
%RSD	.6921110	--	--	--	--	--	--
#1	3774	--	--	--	--	--	--
#2	3812	--	--	--	--	--	--

Analysis Report

07/02/08 11:13:21 AM

page 1

Method: TRACE2 Sample Name: AD837077/PB Operator: SW
 Run Time: 07/02/08 11:08:01
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00640	.00041	.00131	.00009	-.00003	.05884	.00004
SDev	.00015	.00065	.00117	.00006	.00000	.00085	.00029
%RSD	2.3517	157.71	89.750	69.235	4.6123	1.4430	742.00
#1	.00630	.00087	.00048	.00005	-.00003	.05824	-.00016
#2	.00651	-.00005	.00214	.00013	-.00002	.05944	.00024
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00051	.00048	.00208	.00288	.03781	.00023	.00001
SDev	.00030	.00010	.00010	.00749	.00254	.00119	.00005
%RSD	58.548	20.302	4.8632	259.85	6.7271	518.62	508.08
#1	-.00072	.00055	.00201	-.00241	.03961	-.00061	-.00003
#2	-.00030	.00042	.00215	.00818	.03601	.00107	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	-.14776	.00104	-.00227	-.00031	-.00097	.00197
SDev	.00015	.07846	.00037	.00058	.00042	.00047	.00166
%RSD	41.467	53.101	35.396	25.491	134.30	49.053	84.210
#1	.00045	-.09228	.00078	-.00186	-.00002	-.00063	.00080
#2	.00025	-.20324	.00130	-.00268	-.00061	-.00130	.00314
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00064	-.00189	.00389	.00010	.00141	.00026	.00570
SDev	.00431	.00053	.00275	.00007	.00063	.00050	.00010
%RSD	675.43	27.972	70.591	70.891	44.313	192.88	1.7726
#1	-.00241	-.00151	.00195	.00015	.00097	-.00009	.00563
#2	.00368	-.00226	.00584	.00005	.00186	.00061	.00577
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	H.03587	-.00062
SDev	.00158	.00063
%RSD	4.4117	100.34

#1	H.03475	-.00107
#2	H.03699	-.00018

Errors	LC High	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3836	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.4562068	--	--	--	--	--	--
#1	3849	--	--	--	--	--	--
#2	3824	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD837076/CLPSL Operator: SW
 Run Time: 07/02/08 11:13:25
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	70.231	L.80821	1.0817	H4.0315	L.58012	67.702	L.58663
SDev	.161	.00214	.0020	.0082	.00148	.077	.00036
%RSD	.22983	.26414	.18242	.20242	.25466	.11316	.06101

#1	70.345	L.80972	1.0831	H4.0373	L.58116	67.756	L.58688
#2	70.117	L.80670	1.0803	H4.0258	L.57908	67.648	L.58637

Errors	LC Pass	LC Low	LC Pass	LC High	LC Low	LC Pass	LC Low
High	134.00	1.8600	1.8900	3.2100	1.2100	81.700	1.1400
Low	48.200	1.1600	.89400	2.2300	.83700	55.300	.76300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.69672	L.88959	.79793	111.17	25.068	27.244	L2.6827
SDev	.00077	.00002	.00196	.10	.068	.006	.0040
%RSD	.11070	.00247	.24560	.08999	.27181	.02129	.15057

#1	.69727	L.88957	.79932	111.24	25.116	27.248	L2.6855
#2	.69618	L.88961	.79654	111.10	25.019	27.240	L2.6798

Errors	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Low
High	.79900	1.4300	1.0100	244.00	30.800	31.600	4.5500
Low	.54700	.96600	.64900	88.800	17.800	20.200	3.1300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	H.52537	3.9941	1.0955	.85003	.83247	L.83832	1.4833
SDev	.00033	.1654	.0019	.00101	.00179	.00153	.0035
%RSD	.06335	4.1411	.17195	.11909	.21529	.18281	.23526

#1	H.52560	3.8771	1.0968	.85075	.83374	L.83940	1.4858
#2	H.52513	4.1110	1.0942	.84932	.83120	L.83723	1.4808

Errors	LC High	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Low	LC Pass
High	.49400	5.1900	1.2300			1.4500	1.6900
Low	.32100	2.4500	.81000			.94100	1.0700

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.61484	1.4802	1.4848	3.1778	L1.2788	L.91374	H2.1624
SDev	.00542	.0028	.0066	.0083	.0026	.00170	.0011
%RSD	.88152	.19057	.44751	.25994	.20378	.18599	.04884

#1	.61101	1.4783	1.4895	3.1836	L1.2807	L.91494	H2.1632
#2	.61867	1.4822	1.4801	3.1719	L1.2770	L.91254	H2.1617

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Low	LC High
High	2.3800			5.1800	2.0800	1.5900	1.4200
Low	.00690			1.3600	1.3200	.99500	.92500

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	1.0262	.75458
SDev	.0008	.00068
%RSD	.07380	.09040

#1	1.0267	.75506
#2	1.0256	.75409

Errors	LC Pass	LC Pass
High	1.8400	1.2900
Low	.98500	.64200

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4125	--	--	--	--	--	--
SDev	12.62192	--	--	--	--	--	--
%RSD	.3059694	--	--	--	--	--	--
#1	4116	--	--	--	--	--	--
#2	4134	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD837065 Operator: SW
 Run Time: 07/02/08 11:24:23
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.110	.06529	.08039	.88833	.00382	223.45	.03119
SDev	.037	.00222	.00007	.00039	.00002	.01	.00000
%RSD	.06036	3.4083	.08521	.04411	.42205	.00355	.00732
#1	62.137	.06372	.08034	.88806	.00383	223.46	.03119
#2	62.084	.06687	.08044	.88861	.00381	223.45	.03119
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06031	5.5495	2.6563	127.97	6.9249	78.270	2.8206
SDev	.00010	.0032	.0013	.01	.0060	.041	.0011
%RSD	.16353	.05784	.04817	.00683	.08709	.05283	.03856
#1	.06024	5.5518	2.6572	127.97	6.9292	78.299	2.8214
#2	.06038	5.5472	2.6554	127.98	6.9206	78.241	2.8198
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01288	2.1321	1.5427	1.3329	1.3180	1.3230	.00636
SDev	.00062	.0980	.0004	.0007	.0018	.0010	.00407
%RSD	4.8014	4.5975	.02622	.05265	.13484	.07193	64.013
#1	.01245	2.0628	1.5430	1.3324	1.3193	1.3237	.00348
#2	.01332	2.2015	1.5425	1.3334	1.3168	1.3223	.00924
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00087	.00346	.00781	.91073	-.00205	.16373	2.3650
SDev	.00111	.01111	.00056	.00012	.00268	.00029	.0010
%RSD	128.69	321.14	7.1168	.01290	130.94	.17568	.04370
#1	-.00165	-.00439	.00742	.91081	-.00394	.16393	2.3657
#2	-.00008	.01131	.00821	.91065	-.00015	.16352	2.3642
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.10255	.02104
SDev	.00063	.00002
%RSD	.61540	.08551
#1	.10300	.02105
#2	.10211	.02103
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4081	--	--	--	--	--	--
SDev	1.325825	--	--	--	--	--	--
%RSD	.0324841	--	--	--	--	--	--
#1	4081	--	--	--	--	--	--
#2	4082	--	--	--	--	--	--

Analysis Report

07/02/08 11:35:07 AM

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Method: TRACE2 Sample Name: AD837066 Operator: SW
 Run Time: 07/02/08 11:29:47
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	63.654	.06950	.07855	1.0048	.00374	194.35	.04100
SDev	.129	.00074	.00009	.0023	.00002	.36	.00003
%RSD	.20319	1.0587	.11302	.23131	.56212	.18368	.07021
#1	63.746	.07002	.07862	1.0064	.00375	194.60	.04098
#2	63.563	.06898	.07849	1.0032	.00372	194.10	.04102
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06365	4.8749	2.2220	155.38	8.5986	84.804	3.6628
SDev	.00019	.0016	.0047	.10	.0048	.010	.0024
%RSD	.29928	.03207	.21141	.06654	.05553	.01225	.06451
#1	.06351	4.8738	2.2253	155.31	8.5952	84.811	3.6611
#2	.06378	4.8760	2.2186	155.46	8.6019	84.796	3.6644
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01059	1.6511	1.2615	1.5780	1.5562	1.5635	.00402
SDev	.00014	.0987	.0040	.0039	.0025	.0004	.00058
%RSD	1.3541	5.9763	.31408	.24474	.15882	.02318	14.329
#1	.01069	1.5814	1.2643	1.5808	1.5544	1.5632	.00443
#2	.01049	1.7209	1.2587	1.5753	1.5579	1.5637	.00362
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	.00237	.00485	.70314	-.00486	.18072	2.6434
SDev	.00092	.00000	.00087	.00123	.00023	.00046	.0002
%RSD	58.602	.12286	17.862	.17491	4.7784	.25300	.00796
#1	-.00221	.00237	.00546	.70401	-.00470	.18040	2.6435
#2	-.00092	.00237	.00424	.70227	-.00502	.18104	2.6432
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.06445	.01554
SDev	.00230	.00017
%RSD	3.5692	1.0881
#1	.06283	.01566
#2	.06608	.01542
Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4091	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0362961	--	--	--	--	--	--
#1	4090	--	--	--	--	--	--
#2	4092	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD837066/L (1:5) Operator: SW
 Run Time: 07/02/08 11:35:11
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.563	.01646	.01894	.21057	.00077	40.841	.00908
SDev	.044	.00097	.00021	.00090	.00003	.176	.00007
%RSD	.32392	5.8991	1.1136	.42764	3.6750	.43150	.73258
#1	13.594	.01714	.01879	.21120	.00079	40.965	.00903
#2	13.531	.01577	.01909	.20993	.00075	40.716	.00913
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01383	1.0366	.46637	33.224	1.6815	17.586	.78029
SDev	.00015	.0013	.00142	.037	.0105	.043	.00110
%RSD	1.0833	.12557	.30472	.11069	.62249	.24530	.14085
#1	.01373	1.0375	.46738	33.250	1.6889	17.617	.78107
#2	.01394	1.0357	.46537	33.198	1.6741	17.556	.77951
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00236	.40301	.27165	.33358	.33492	.33448	.00081
SDev	.00032	.16685	.00144	.00245	.00231	.00073	.00254
%RSD	13.550	41.401	.52863	.73479	.69135	.21771	314.36
#1	.00258	.28503	.27267	.33185	.33656	.33499	.00260
#2	.00213	.52099	.27063	.33532	.33329	.33396	-.00099
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	-.00320	.00281	.15556	.00029	.03943	.57152
SDev	.00015	.00688	.00725	.00049	.00066	.00020	.00215
%RSD	18.801	215.06	257.86	.31584	228.04	.50732	.37678
#1	.00070	-.00807	.00794	.15590	.00076	.03957	.57304
#2	.00092	.00167	-.00232	.15521	-.00018	.03929	.56999
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.01239	.00238
SDev	.00164	.00003
%RSD	13.277	1.2201

#1	.01123	.00240
#2	.01355	.00236

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3866	--	--	--	--	--	--
SDev	7.424621	--	--	--	--	--	--
%RSD	.1920330	--	--	--	--	--	--
#1	3861	--	--	--	--	--	--
#2	3872	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD837066/PS Operator: SW
 Run Time: 07/02/08 11:40:34
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	80.081	.44430	.44772	1.3378	.38494	204.79	.41561
SDev	.121	.00093	.00038	.0018	.00036	.26	.00043
%RSD	.15069	.20910	.08469	.13269	.09224	.12549	.10329
#1	80.166	.44496	.44798	1.3390	.38519	204.98	.41592
#2	79.995	.44364	.44745	1.3365	.38468	204.61	.41531
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.43694	5.0619	2.5068	168.10	28.349	100.48	3.8927
SDev	.00042	.0086	.0031	.18	.082	.04	.0065
%RSD	.09640	.17042	.12307	.10840	.28800	.04238	.16724
#1	.43724	5.0680	2.5089	168.23	28.407	100.51	3.8973
#2	.43665	5.0558	2.5046	167.97	28.291	100.45	3.8881
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39489	20.591	1.5773	1.8960	1.8410	1.8593	.37607
SDev	.00106	.137	.0004	.0084	.0063	.0014	.00257
%RSD	.26761	.66431	.02416	.44350	.33997	.07392	.68408
#1	.39414	20.688	1.5776	1.8901	1.8454	1.8603	.37789
#2	.39563	20.495	1.5770	1.9020	1.8365	1.8583	.37425
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38091	.38016	.37403	1.0535	.37155	.55454	2.8873
SDev	.00031	.00874	.00051	.0001	.00188	.00112	.0047
%RSD	.08074	2.2984	.13631	.00521	.50480	.20127	.16402
#1	.38069	.38634	.37367	1.0535	.37023	.55533	2.8906
#2	.38113	.37398	.37439	1.0536	.37288	.55375	2.8840
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.23781	.11273
SDev	.00079	.00049
%RSD	.33044	.43450

#1	.23725	.11307
#2	.23836	.11238

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4076	--	--	--	--	--	--
SDev	21.90253	--	--	--	--	--	--
%RSD	.5373551	--	--	--	--	--	--
#1	4061	--	--	--	--	--	--
#2	4091	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD837067/MS Operator: SW
 Run Time: 07/02/08 11:45:58
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	75.410	.42275	.43055	1.2326	.38109	203.73	.40537
SDev	.084	.00301	.00079	.0020	.00038	.55	.00030
%RSD	.11117	.71329	.18440	.16143	.10109	.26761	.07507

#1	75.351	.42488	.42999	1.2312	.38082	203.34	.40515
#2	75.469	.42062	.43111	1.2340	.38136	204.12	.40558

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41241	4.0891	2.1853	152.38	26.466	98.467	3.8343
SDev	.00015	.0038	.0005	.07	.003	.034	.0025
%RSD	.03545	.09272	.02146	.04556	.01239	.03412	.06630

#1	.41230	4.0864	2.1850	152.33	26.464	98.443	3.8325
#2	.41251	4.0917	2.1857	152.42	26.468	98.491	3.8361

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37574	20.056	1.3731	1.7343	1.7059	1.7154	.35760
SDev	.00099	.059	.0008	.0028	.0055	.0028	.00004
%RSD	.26266	.29279	.06180	.16045	.32366	.16068	.01018

#1	.37504	20.097	1.3725	1.7362	1.7020	1.7134	.35763
#2	.37644	20.014	1.3737	1.7323	1.7098	1.7173	.35758

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.15007	.35530	.35876	.99257	.36866	.53198	2.6880
SDev	.00104	.00028	.00009	.00566	.00125	.00028	.0010
%RSD	.69469	.07994	.02437	.57065	.34010	.05168	.03841

#1	.15081	.35550	.35870	.98856	.36777	.53218	2.6873
#2	.14933	.35510	.35882	.99657	.36955	.53179	2.6887

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.27793	.11175
SDev	.00358	.00025
%RSD	1.2895	.22536

#1	.27540	.11157
#2	.28047	.11193

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4070	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.0586297	--	--	--	--	--	--
#1	4072	--	--	--	--	--	--
#2	4069	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD837068/SD Operator: SW
 Run Time: 07/02/08 11:51:21
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	82.676	.43184	.43655	1.3411	.37788	220.47	.41077
SDev	.259	.00047	.00071	.0036	.00074	.48	.00026
%RSD	.31275	.10854	.16182	.26586	.19671	.21938	.06438

#1	82.493	.43151	.43705	1.3385	.37736	220.13	.41096
#2	82.858	.43217	.43605	1.3436	.37841	220.81	.41058

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.41901	4.5988	2.4907	174.86	27.489	105.22	4.0566
SDev	.00075	.0003	.0058	.04	.031	.14	.0001
%RSD	.17965	.00728	.23465	.02547	.11370	.13247	.00177

#1	.41955	4.5990	2.4865	174.89	27.467	105.32	4.0566
#2	.41848	4.5985	2.4948	174.83	27.512	105.12	4.0567

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37883	20.364	1.5003	1.9094	1.8801	1.8899	.35493
SDev	.00075	.062	.0012	.0045	.0014	.0024	.00152
%RSD	.19713	.30233	.07751	.23458	.07487	.12860	.42907

#1	.37830	20.321	1.4994	1.9126	1.8811	1.8916	.35600
#2	.37935	20.408	1.5011	1.9062	1.8791	1.8882	.35385

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14227	.34725	.35877	1.0246	.36280	.55661	2.9755
SDev	.00821	.00369	.00413	.0030	.00089	.00012	.0031
%RSD	5.7672	1.0621	1.1507	.29740	.24566	.02185	.10281

#1	.13647	.34465	.36169	1.0225	.36217	.55652	2.9776
#2	.14807	.34986	.35585	1.0268	.36343	.55669	2.9733

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.36423	.11376
SDev	.00012	.00012
%RSD	.03297	.10459

#1	.36431	.11384
#2	.36414	.11367

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4069	--	--	--	--	--	--
SDev	13.25825	--	--	--	--	--	--
%RSD	.3258016	--	--	--	--	--	--
#1	4079	--	--	--	--	--	--
#2	4060	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD837069 Operator: SW
 Run Time: 07/02/08 11:56:45
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	62.956	.06347	.07932	.92058	.00352	199.88	.03891
SDev	.082	.00143	.00062	.00157	.00003	.43	.00016
%RSD	.12953	2.2475	.78035	.17097	.89707	.21479	.40834

#1	62.899	.06246	.07889	.91947	.00350	199.58	.03903
#2	63.014	.06448	.07976	.92169	.00354	200.19	.03880

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05999	4.1502	2.0152	149.15	8.5522	84.984	3.5072
SDev	.00014	.0028	.0026	.12	.0223	.022	.0020
%RSD	.23654	.06719	.12918	.07782	.26097	.02647	.05623

#1	.06009	4.1482	2.0134	149.07	8.5364	84.968	3.5058
#2	.05989	4.1522	2.0171	149.23	8.5680	85.000	3.5086

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01112	1.3348	1.1223	1.4733	1.4567	1.4622	.00433
SDev	.00030	.0867	.0034	.0008	.0085	.0054	.00200
%RSD	2.7325	6.4925	.30160	.05605	.58386	.36915	46.211

#1	.01090	1.2736	1.1199	1.4727	1.4627	1.4661	.00574
#2	.01133	1.3961	1.1246	1.4739	1.4507	1.4584	.00291

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00372	-.00835	.01067	.70714	-.00827	.17336	2.4831
SDev	.00193	.00243	.00422	.00480	.00037	.00051	.0006
%RSD	51.885	29.152	39.537	.67866	4.4655	.29630	.02238

#1	.00236	-.01007	.01365	.70374	-.00853	.17299	2.4835
#2	.00509	-.00663	.00768	.71053	-.00801	.17372	2.4827

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.06096	.01346
SDev	.00210	.00043
%RSD	3.4491	3.1894

#1	.05947	.01316
#2	.06245	.01377

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4118	--	--	--	--	--	--
SDev	14.79642	--	--	--	--	--	--
%RSD	.3593053	--	--	--	--	--	--
#1	4129	--	--	--	--	--	--
#2	4108	--	--	--	--	--	--

Analysis Report

07/02/08 12:07:29 PM

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Method: TRACE2 Sample Name: AD837070 Operator: SW
 Run Time: 07/02/08 12:02:08
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	55.392	.08721	.10338	.98845	.00334	127.14	.36515
SDev	.239	.00259	.00095	.00478	.00003	.58	.00056
%RSD	.43123	2.9636	.91606	.48388	.88135	.45844	.15242
#1	55.223	.08538	.10405	.98507	.00332	126.73	.36475
#2	55.561	.08904	.10272	.99184	.00336	127.55	.36554
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04729	8.5578	4.0948	162.37	7.9916	51.291	2.4980
SDev	.00041	.0017	.0176	.07	.0024	.030	.0003
%RSD	.87317	.01984	.42998	.04426	.02940	.05858	.01174
#1	.04758	8.5590	4.0823	162.32	7.9933	51.270	2.4982
#2	.04700	8.5566	4.1072	162.42	7.9900	51.312	2.4978
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01263	4.1171	2.3562	1.4566	1.4330	1.4409	.00616
SDev	.00030	.0225	.0123	.0109	.0013	.0028	.00132
%RSD	2.3736	.54703	.52193	.74555	.09019	.19115	21.462
#1	.01242	4.1330	2.3475	1.4643	1.4321	1.4428	.00523
#2	.01284	4.1012	2.3649	1.4490	1.4339	1.4389	.00710
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00494	.00505	.00672	.67551	-.00421	.17127	5.1857
SDev	.00173	.00623	.00113	.00178	.00288	.00081	.0054
%RSD	34.970	123.22	16.806	.26298	68.510	.47128	.10391
#1	.00372	.00065	.00752	.67425	-.00217	.17184	5.1819
#2	.00617	.00946	.00592	.67676	-.00625	.17070	5.1895
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.06025	.01506
SDev	.00181	.00001
%RSD	3.0097	.06842

#1	.05897	.01506
#2	.06154	.01507

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4157	--	--	--	--	--	--
SDev	2.704822	--	--	--	--	--	--
%RSD	.0650704	--	--	--	--	--	--
#1	4159	--	--	--	--	--	--
#2	4155	--	--	--	--	--	--

Analysis Report

QC Standard

07/02/08 12:14:21 PM

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Method: TRACE2 Sample Name: CCV

Operator: SW

Run Time: 07/02/08 12:09:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.072	.48878	.48898	.49773	.50612	25.230	.49978
SDev	.087	.00163	.00143	.00218	.00198	.084	.00017
%RSD	.34690	.33404	.29209	.43827	.39109	.33253	.03434
#1	25.010	.48763	.48999	.49619	.50472	25.171	.49990
#2	25.133	.48994	.48797	.49927	.50752	25.290	.49966
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49677	.51784	.49721	25.213	24.736	24.957	.51025
SDev	.00064	.00045	.00133	.026	.014	.001	.00028
%RSD	.12856	.08769	.26744	.10399	.05687	.00203	.05425
#1	.49722	.51816	.49627	25.231	24.726	24.957	.51045
#2	.49632	.51752	.49815	25.194	24.746	24.958	.51005
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49821	24.549	.50626	.51315	.50310	.50644	.50836
SDev	.00127	.107	.00175	.00342	.00253	.00283	.00332
%RSD	.25524	.43676	.34519	.66707	.50244	.55799	.65363
#1	.49731	24.473	.50503	.51073	.50131	.50445	.50601
#2	.49911	24.625	.50750	.51557	.50488	.50844	.51071
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50095	.51096	.50707	.51079	.51077	.49804	.50505
SDev	.00030	.01055	.00029	.00232	.00295	.00063	.00030
%RSD	.06025	2.0638	.05689	.45419	.57758	.12738	.05908
#1	.50116	.50351	.50728	.50915	.50869	.49759	.50484
#2	.50073	.51842	.50687	.51243	.51286	.49849	.50526
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50155	.49327
SDev	.00109	.00037
%RSD	.21696	.07567

#1	.50078	.49301
#2	.50232	.49353

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3841	--	--	--	--	--	--
SDev	16.86439	--	--	--	--	--	--
%RSD	.4390568	--	--	--	--	--	--
#1	3853	--	--	--	--	--	--
#2	3829	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: CCB

Operator: SW

Run Time: 07/02/08 12:14:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01067	.00079	.00106	-.00013	-.00004	.00902	-.00018
SDev	.00003	.00228	.00028	.00004	.00001	.00031	.00013
%RSD	.29548	289.18	26.916	34.521	12.861	3.4056	72.575

#1	.01065	-.00082	.00086	-.00016	-.00005	.00924	-.00009
#2	.01069	.00240	.00126	-.00009	-.00004	.00880	-.00027

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00015	.00020	.00047	.00787	.00319	.00847	.00006
SDev	.00023	.00057	.00021	.01269	.00939	.00185	.00004
%RSD	149.29	290.46	43.787	161.33	294.56	21.841	69.971

#1	.00031	.00060	.00033	.01684	.00983	.00977	.00008
#2	-.00001	-.00021	.00062	-.00111	-.00345	.00716	.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	-.15240	.00078	-.00291	.00026	-.00080	.00150
SDev	.00077	.11107	.00026	.00113	.00166	.00073	.00309
%RSD	357.84	72.882	33.039	38.758	637.90	91.868	206.36

#1	.00076	-.23094	.00060	-.00371	.00143	-.00028	.00368
#2	-.00033	-.07386	.00097	-.00211	-.00091	-.00131	-.00069

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00268	.00308	.00071	-.00007	-.00006	-.00023	-.00018
SDev	.00005	.00471	.00228	.00035	.00020	.00044	.00029
%RSD	1.8115	153.11	322.02	483.44	306.70	192.93	162.80

#1	.00272	.00641	.00232	-.00032	.00008	.00008	.00003
#2	.00265	-.00025	-.00090	.00017	-.00020	-.00053	-.00038

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00065	-.00085
SDev	.00369	.00017
%RSD	567.44	20.531

#1	.00196	-.00072
#2	-.00326	-.00097

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3831	--	--	--	--	--	--
SDev	8.750446	--	--	--	--	--	--
%RSD	.2283914	--	--	--	--	--	--
#1	3825	--	--	--	--	--	--
#2	3838	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD837071 Operator: SW
 Run Time: 07/02/08 12:19:49
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	64.996	.06525	.08902	.93966	.00394	254.64	.03643
SDev	.012	.00402	.00068	.00130	.00002	.08	.00008
%RSD	.01825	6.1536	.76155	.13810	.45546	.03178	.21984
#1	64.988	.06241	.08950	.93874	.00396	254.70	.03648
#2	65.005	.06809	.08854	.94058	.00393	254.58	.03637
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06431	7.2609	2.2815	138.36	7.7475	97.434	3.2180
SDev	.00079	.0179	.0002	.27	.0163	.177	.0066
%RSD	1.2319	.24701	.01000	.19261	.21024	.18206	.20544
#1	.06487	7.2736	2.2813	138.55	7.7590	97.560	3.2227
#2	.06375	7.2483	2.2817	138.18	7.7360	97.309	3.2134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01217	1.4082	1.4919	1.7718	1.7361	1.7480	.00309
SDev	.00081	.0982	.0002	.0086	.0023	.0044	.00008
%RSD	6.6478	6.9751	.01616	.48275	.13285	.25095	2.6599
#1	.01274	1.4777	1.4917	1.7779	1.7378	1.7511	.00304
#2	.01160	1.3388	1.4921	1.7658	1.7345	1.7449	.00315
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00089	-.00239	.00584	.85784	-.00465	.19130	2.7845
SDev	.00035	.00006	.00015	.00063	.00151	.00063	.0043
%RSD	39.215	2.4213	2.6111	.07379	32.393	.33110	.15574
#1	-.00114	-.00235	.00573	.85828	-.00358	.19175	2.7876
#2	-.00064	-.00243	.00594	.85739	-.00571	.19085	2.7815
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.07915	.02010
SDev	.00165	.00025
%RSD	2.0810	1.2573

#1	.08032	.01992
#2	.07799	.02028

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4090	--	--	--	--	--	--
SDev	20.84187	--	--	--	--	--	--
%RSD	.5095796	--	--	--	--	--	--
#1	4075	--	--	--	--	--	--
#2	4105	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD837072 Operator: SW
 Run Time: 07/02/08 12:33:47
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	57.513	.06742	.08718	1.1690	.00391	91.064	.07099
SDev	.142	.00064	.00091	.0025	.00002	.234	.00000
%RSD	.24638	.94471	1.0473	.21637	.47715	.25701	.00180

#1	57.613	.06697	.08782	1.1707	.00392	91.230	.07099
#2	57.413	.06787	.08653	1.1672	.00390	90.899	.07099

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05405	12.953	3.5263	130.93	7.8412	50.809	2.4201
SDev	.00023	.023	.0106	.22	.0258	.103	.0028
%RSD	.41830	.17376	.30115	.16900	.32955	.20182	.11675

#1	.05421	12.969	3.5338	131.08	7.8595	50.882	2.4221
#2	.05389	12.937	3.5188	130.77	7.8229	50.737	2.4181

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01244	1.3827	2.0457	1.6584	1.6306	1.6399	.00671
SDev	.00019	.1578	.0046	.0071	.0066	.0068	.00452
%RSD	1.4953	11.412	.22397	.42879	.40755	.41471	67.389

#1	.01231	1.2712	2.0490	1.6634	1.6353	1.6447	.00991
#2	.01257	1.4943	2.0425	1.6534	1.6259	1.6350	.00351

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00648	.00569	.00722	.88732	-.00559	.17998	3.2315
SDev	.00065	.00204	.00576	.00193	.00230	.00052	.0054
%RSD	10.062	35.801	79.836	.21761	41.093	.29121	.16643

#1	-.00602	.00713	.01129	.88869	-.00722	.18035	3.2353
#2	-.00694	.00425	.00314	.88595	-.00397	.17961	3.2277

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.06047	.02314
SDev	.00023	.00045
%RSD	.38918	1.9582

#1	.06031	.02282
#2	.06064	.02346

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4060	--	--	--	--	--	--
SDev	23.54652	--	--	--	--	--	--
%RSD	.5799242	--	--	--	--	--	--
#1	4044	--	--	--	--	--	--
#2	4077	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD837073 Operator: SW
 Run Time: 07/02/08 12:39:11
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.165	.03195	.07494	.37198	.00184	H1038.9	.00267
SDev	.142	.00235	.00075	.00248	.00004	7.6	.00013
%RSD	.74082	7.3560	1.0006	.66632	2.0062	.72758	5.0309
#1	19.065	.03029	.07441	.37023	.00181	H1033.5	.00257
#2	19.265	.03361	.07547	.37373	.00187	H1044.2	.00276
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01671	.05473	.11370	66.274	5.0601	594.61	2.3291
SDev	.00014	.00052	.00027	.143	.00006	.47	.0044
%RSD	.85885	.94340	.23955	.21529	.01175	.07914	.19081
#1	.01660	.05436	.11351	66.173	5.0605	594.27	2.3260
#2	.01681	.05509	.11390	66.375	5.0597	594.94	2.3323
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00618	1.1780	.04130	1.5496	1.5368	1.5411	-.00337
SDev	.00070	.0140	.00037	.0016	.0044	.0024	.00052
%RSD	11.347	1.1861	.89114	.10525	.28557	.15471	15.319
#1	.00569	1.1879	.04104	1.5507	1.5337	1.5394	-.00300
#2	.00668	1.1681	.04156	1.5484	1.5399	1.5428	-.00373
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00377	-.00589	-.00210	.41439	-.00285	.06097	.92645
SDev	.00286	.00931	.00543	.00755	.00187	.00013	.00174
%RSD	75.923	157.99	258.32	1.8216	65.602	.21590	.18799
#1	.00175	-.01248	.00174	.40905	-.00417	.06087	.92522
#2	.00579	.00069	-.00594	.41973	-.00153	.06106	.92769
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.05532	.00051
SDev	.00042	.00034
%RSD	.75838	65.538

#1	.05503	.00028
#2	.05562	.00075

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3768	--	--	--	--	--	--
SDev	15.85690	--	--	--	--	--	--
%RSD	.4208852	--	--	--	--	--	--
#1	3779	--	--	--	--	--	--
#2	3756	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD837074 Operator: SW
 Run Time: 07/02/08 12:44:35
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	54.567	.13104	.05364	3.0688	.00775	45.264	.00313
SDev	.045	.00014	.00058	.0020	.00003	.073	.00011
%RSD	.08302	.10634	1.0878	.06549	.39262	.16056	3.3724
#1	54.535	.13114	.05405	3.0673	.00773	45.212	.00306
#2	54.599	.13094	.05323	3.0702	.00777	45.315	.00321
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06365	.10927	.90592	227.56	6.5718	22.580	1.0217
SDev	.00030	.00014	.00197	.00	.0214	.012	.0004
%RSD	.46626	.12634	.21747	.00121	.32490	.05474	.04252
#1	.06386	.10917	.90453	227.56	6.5869	22.572	1.0214
#2	.06344	.10937	.90732	227.56	6.5567	22.589	1.0220
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01591	1.4057	.17478	7.4558	7.3557	7.3890	.01170
SDev	.00046	.1381	.00027	.0415	.0477	.0456	.00170
%RSD	2.8986	9.8251	.15304	.55626	.64855	.61754	14.514
#1	.01558	1.3080	.17459	7.4264	7.3219	7.3567	.01290
#2	.01623	1.5033	.17497	7.4851	7.3894	7.4213	.01050
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01643	.00956	.01277	1.3350	-.00554	.14305	2.4574
SDev	.00194	.00634	.00062	.0067	.00146	.00030	.0005
%RSD	11.775	66.348	4.8813	.50025	26.388	.21052	.01967
#1	.01780	.01404	.01233	1.3303	-.00657	.14283	2.4571
#2	.01506	.00507	.01321	1.3397	-.00451	.14326	2.4578
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.11673	.00069
SDev	.00052	.00015
%RSD	.44390	22.055

#1	.11710	.00058
#2	.11636	.00080

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4125	--	--	--	--	--	--
SDev	3.606314	--	--	--	--	--	--
%RSD	.0874194	--	--	--	--	--	--
#1	4128	--	--	--	--	--	--
#2	4123	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD837075 Operator: SW
 Run Time: 07/02/08 12:49:59
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	135.59	.07957	.01907	.74487	.00539	16.608	.00086
SDev	.03	.00166	.00032	.00018	.00002	.006	.00012
%RSD	.02215	2.0832	1.6686	.02471	.45287	.03412	13.655
#1	135.56	.08074	.01884	.74474	.00541	16.604	.00095
#2	135.61	.07840	.01929	.74500	.00538	16.612	.00078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14464	.18556	.29211	303.38	7.6521	47.901	6.6297
SDev	.00023	.00056	.00019	.13	.0167	.052	.0036
%RSD	.16057	.30205	.06531	.04166	.21872	.10956	.05363
#1	.14447	.18516	.29224	303.29	7.6640	47.864	6.6272
#2	.14480	.18596	.29197	303.47	7.6403	47.938	6.6323
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00259	.49599	.29439	.07987	.07182	.07450	.00156
SDev	.00027	.19387	.00020	.00026	.00021	.00023	.00007
%RSD	10.539	39.088	.06778	.31876	.29948	.30636	4.5720
#1	.00240	.63308	.29453	.07969	.07167	.07434	.00151
#2	.00279	.35890	.29425	.08005	.07198	.07466	.00161
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00080	.00166	.00151	.22132	L-.01260	.15491	.56135
SDev	.00227	.00919	.00449	.00388	.00110	.00007	.00027
%RSD	285.45	553.51	296.96	1.7515	8.7510	.04781	.04833
#1	.00081	-.00484	.00469	.22406	L-.01182	.15486	.56154
#2	-.00240	.00816	-.00166	.21858	L-.01338	.15496	.56115
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Low	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.02215	-.00058
SDev	.00057	.00025
%RSD	2.5571	43.715

#1	.02255	-.00040
#2	.02175	-.00076

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4045	--	--	--	--	--	--
SDev	5.568466	--	--	--	--	--	--
%RSD	.1376523	--	--	--	--	--	--
#1	4041	--	--	--	--	--	--
#2	4049	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836972/PB Operator: SW
 Run Time: 07/02/08 12:55:22
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04226	.00012	.00569	.00010	-.00016	.08514	.00006
SDev	.00236	.00008	.00177	.00006	.00001	.00081	.00002
%RSD	5.5778	63.168	31.086	63.652	7.2275	.94566	35.263
#1	.04393	.00017	.00444	.00014	-.00017	.08571	.00008
#2	.04060	.00007	.00695	.00005	-.00015	.08457	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00036	.00050	.00079	.03524	-.01239	.01338	.00044
SDev	.00034	.00023	.00050	.00176	.00323	.00257	.00006
%RSD	95.304	45.976	63.080	4.9832	26.032	19.172	13.937
#1	.00012	.00034	.00044	.03648	-.01011	.01519	.00049
#2	.00060	.00067	.00114	.03400	-.01467	.01157	.00040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00098	.00110	.00135	-.00402	.00160	-.00027	.00329
SDev	.00018	.04317	.00031	.00088	.00169	.00083	.00257
%RSD	17.979	3926.6	22.935	21.995	105.53	305.14	78.117
#1	-.00086	.03162	.00113	-.00465	.00279	.00032	.00510
#2	-.00111	-.02942	.00157	-.00339	.00041	-.00086	.00147
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00097	.00378	.00304	.00037	.00312	-.00005	.00254
SDev	.00009	.00651	.00060	.00049	.00208	.00006	.00028
%RSD	9.4893	172.43	19.554	131.88	66.545	113.97	11.167
#1	-.00090	.00838	.00346	.00003	.00165	-.00010	.00234
#2	-.00104	-.00083	.00262	.00072	.00459	-.00001	.00274
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00079	-.00144
SDev	.00112	.00066
%RSD	141.65	46.260

#1	-.00158	-.00190
#2	.00000	-.00097

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3945	--	--	--	--	--	--
SDev	9.598940	--	--	--	--	--	--
%RSD	.2433399	--	--	--	--	--	--
#1	3951	--	--	--	--	--	--
#2	3938	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836971/FB Operator: SW
 Run Time: 07/02/08 13:00:46
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.189	.20096	.20324	.20271	.20412	10.228	.20439
SDev	.074	.00220	.00043	.00112	.00129	.060	.00021
%RSD	.72997	1.0964	.21320	.55516	.63269	.58493	.10077
#1	10.136	.19940	.20294	.20191	.20320	10.186	.20425
#2	10.242	.20252	.20355	.20350	.20503	10.270	.20454
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19614	.20385	.20392	10.342	10.006	10.067	.20587
SDev	.00050	.00034	.00092	.014	.013	.014	.00022
%RSD	.25378	.16530	.44933	.13878	.13412	.13701	.10694
#1	.19579	.20361	.20327	10.332	10.015	10.057	.20571
#2	.19649	.20409	.20457	10.352	9.9963	10.076	.20602
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20900	10.069	.20554	.20252	.20506	.20421	.20060
SDev	.00087	.078	.00004	.00237	.00031	.00099	.00451
%RSD	.41574	.77736	.01778	1.1704	.14941	.48658	2.2470
#1	.20838	10.013	.20551	.20085	.20484	.20351	.19741
#2	.20961	10.124	.20557	.20420	.20528	.20492	.20379
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20225	.19441	.20370	.20368	.20171	.20584	.21023
SDev	.00100	.00899	.00227	.00149	.00561	.00068	.00044
%RSD	.49534	4.6255	1.1119	.72980	2.7793	.32936	.21044
#1	.20154	.18805	.20210	.20263	.19775	.20537	.20991
#2	.20296	.20077	.20530	.20473	.20567	.20632	.21054
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.20861	.05040
SDev	.00166	.00077
%RSD	.79660	1.5200

#1	.20744	.04986
#2	.20979	.05094

Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3946	--	--	--	--	--	--
SDev	19.94038	--	--	--	--	--	--
%RSD	.5053346	--	--	--	--	--	--
#1	3960	--	--	--	--	--	--
#2	3932	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836950 Operator: SW
 Run Time: 07/02/08 13:06:10
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3136	.00783	.03194	.39263	-.00004	48.613	-.00003
SDev	.0032	.00153	.00015	.00126	.00000	.105	.00011
%RSD	.24160	19.539	.47259	.32153	9.8391	.21565	347.61

#1	1.3159	.00675	.03205	.39353	-.00004	48.688	.00005
#2	1.3114	.00891	.03183	.39174	-.00004	48.539	-.00011

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00096	.00512	.00930	1.1365	1.5866	40.983	.06307
SDev	.00086	.00054	.00007	.0060	.0259	.056	.00002
%RSD	89.688	10.590	.78782	.53160	1.6325	.13683	.02643

#1	.00158	.00550	.00924	1.1408	1.6050	40.943	.06309
#2	.00035	.00473	.00935	1.1323	1.5683	41.023	.06306

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00338	17.232	.00426	-.00029	.00450	.00291	.00207
SDev	.00021	.147	.00064	.00526	.00343	.00054	.00271
%RSD	6.2198	.85534	15.109	1835.2	76.221	18.511	130.82

#1	.00353	17.336	.00472	-.00400	.00693	.00329	.00016
#2	.00323	17.128	.00381	.00343	.00208	.00253	.00399

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00003	.00468	.00077	.02836	-.00370	.00265	.00816
SDev	.00238	.01272	.00229	.00080	.00099	.00061	.00006
%RSD	9082.5	272.10	297.11	2.8299	26.793	23.167	.77008

#1	-.00171	-.00432	.00239	.02779	-.00300	.00308	.00812
#2	.00166	.01367	-.00085	.02893	-.00440	.00221	.00821

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00019	-.00064
SDev	.00008	.00035
%RSD	40.638	55.333

#1	.00013	-.00089
#2	.00024	-.00039

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3910	--	--	--	--	--	--
SDev	3.394147	--	--	--	--	--	--
%RSD	.0868024	--	--	--	--	--	--
#1	3908	--	--	--	--	--	--
#2	3913	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836951 Operator: SW
 Run Time: 07/02/08 13:11:34
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07801	.03966	.29027	.71887	-.00007	130.12	-.00005
SDev	.00050	.00048	.00018	.00317	.00001	.41	.00012
%RSD	.64543	1.2126	.06292	.44089	7.5333	.31443	232.76

#1	.07837	.03932	.29014	.71663	-.00007	129.83	-.00014
#2	.07766	.04000	.29040	.72111	-.00006	130.40	.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	.00078	.00089	.25478	1.5543	51.342	2.4748
SDev	.00013	.00013	.00039	.00355	.0138	.078	.0057
%RSD	8.5607	16.368	44.071	1.3950	.88503	.15131	.22962

#1	.00137	.00087	.00116	.25227	1.5640	51.397	2.4788
#2	.00155	.00069	.00061	.25729	1.5446	51.288	2.4708

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00698	28.715	.00520	-.00308	.00045	-.00073	.00037
SDev	.00059	.114	.00004	.00014	.00202	.00139	.00039
%RSD	8.3802	.39596	.78631	4.5216	450.55	191.54	107.23

#1	.00739	28.795	.00522	-.00318	-.00098	-.00171	.00064
#2	.00656	28.634	.00517	-.00298	.00188	.00026	.00009

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	-.00228	.00169	-.00015	-.00095	.00025	.01018
SDev	.00431	.00656	.00269	.00029	.00117	.00049	.00015
%RSD	185.88	287.86	159.45	186.99	122.62	193.44	1.4814

#1	-.00073	.00236	-.00022	.00005	-.00013	-.00009	.01007
#2	.00536	-.00692	.00359	-.00036	-.00178	.00060	.01028

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00003	-.00093
SDev	.00001	.00029
%RSD	55.112	30.758

#1	.00004	-.00113
#2	.00002	-.00073

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3898	--	--	--	--	--	--
SDev	5.091134	--	--	--	--	--	--
%RSD	.1306022	--	--	--	--	--	--
#1	3902	--	--	--	--	--	--
#2	3895	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836952 Operator: SW
 Run Time: 07/02/08 13:16:57
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02845	.01182	.46739	.88997	-.00004	153.04	-.00007
SDev	.00436	.00006	.00064	.00169	.00001	.11	.00005
%RSD	15.318	.50200	.13586	.18951	14.224	.07257	70.525

#1	.03153	.01186	.46695	.89116	-.00005	153.11	-.00011
#2	.02537	.01178	.46784	.88878	-.00004	152.96	-.00004

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00256	.00121	.00121	.98028	3.5845	41.695	8.3722
SDev	.00052	.00021	.00058	.00374	.0007	.080	.0107
%RSD	20.438	17.542	48.267	.38182	.01935	.19083	.12736

#1	.00293	.00136	.00162	.98292	3.5850	41.751	8.3797
#2	.00219	.00106	.00079	.97763	3.5840	41.639	8.3646

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00825	32.022	.00404	-.00519	.00005	-.00170	.00079
SDev	.00209	.073	.00012	.00566	.00382	.00066	.00217
%RSD	25.379	.22915	2.9652	109.07	7709.3	38.915	273.61

#1	.00677	31.970	.00412	-.00920	.00275	-.00123	-.00074
#2	.00973	32.074	.00395	-.00119	-.00265	-.00216	.00233

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00146	-.00132	.00185	.00013	-.00115	.00033	-.00143
SDev	.00060	.01043	.00196	.00049	.00141	.00037	.00014
%RSD	41.313	787.66	105.42	389.36	122.28	110.97	9.5753

#1	.00188	-.00870	.00324	-.00022	-.00215	.00059	-.00134
#2	.00103	.00605	.00047	.00047	-.00016	.00007	-.00153

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00119	-.00028
SDev	.00134	.00086
%RSD	112.39	310.88

#1	-.00024	-.00089
#2	-.00214	.00033

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3870	--	--	--	--	--	--
SDev	3.606141	--	--	--	--	--	--
%RSD	.0931928	--	--	--	--	--	--
#1	3872	--	--	--	--	--	--
#2	3867	--	--	--	--	--	--

Analysis Report

QC Standard

07/02/08 01:29:10 PM

page 1

Method: TRACE2 Sample Name: CCV

Operator: SW

Run Time: 07/02/08 13:23:50

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.060	.49105	.48932	.49945	.50603	25.240	.49968
SDev	.090	.00315	.00135	.00230	.00187	.088	.00053
%RSD	.35759	.64256	.27608	.46053	.36922	.34809	.10689
#1	25.124	.49328	.49028	.50107	.50735	25.302	.50006
#2	24.997	.48882	.48837	.49782	.50470	25.178	.49930
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49657	.51917	.49860	25.234	24.689	25.003	.50979
SDev	.00067	.00100	.00251	.040	.035	.022	.00037
%RSD	.13565	.19218	.50288	.15842	.14259	.08628	.07291
#1	.49704	.51987	.50037	25.263	24.714	25.019	.51005
#2	.49609	.51846	.49683	25.206	24.664	24.988	.50952
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49789	24.590	.50691	.50955	.50792	.50846	.50432
SDev	.00146	.086	.00214	.00338	.00366	.00132	.00631
%RSD	.29341	.35091	.42215	.66260	.72047	.25893	1.2515
#1	.49686	24.529	.50843	.50716	.51051	.50939	.50879
#2	.49892	24.651	.50540	.51193	.50533	.50753	.49986
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50253	.50231	.50534	.51417	.50532	.50106	.50435
SDev	.00722	.00533	.00680	.00124	.00570	.00075	.00066
%RSD	1.4374	1.0616	1.3459	.24070	1.1280	.14900	.13117
#1	.49742	.50608	.51015	.51505	.50935	.50159	.50481
#2	.50763	.49854	.50053	.51330	.50129	.50053	.50388
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50444	.49225
SDev	.00001	.00031
%RSD	.00101	.06238

#1	.50444	.49203
#2	.50445	.49246

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3867	--	--	--	--	--	--
SDev	2.916815	--	--	--	--	--	--
%RSD	.0754203	--	--	--	--	--	--
#1	3865	--	--	--	--	--	--
#2	3869	--	--	--	--	--	--

Analysis Report

Blank Sample

07/02/08 01:34:34 PM

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Method: TRACE2 Sample Name: CCB

Operator: SW

Run Time: 07/02/08 13:29:14

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01486	.00009	.00129	.00001	-.00004	.01475	.00007
SDev	.00332	.00254	.00059	.00011	.00003	.00058	.00006
%RSD	22.358	2732.5	46.024	1266.1	80.388	3.9186	77.781
#1	.01720	-.00170	.00171	-.00007	-.00006	.01516	.00011
#2	.01251	.00189	.00087	.00009	-.00002	.01435	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00037	.00091	.01114	.01470	.00986	.00016
SDev	.00005	.00023	.00029	.00607	.00360	.00249	.00000
%RSD	806.62	61.660	31.508	54.451	24.506	25.230	.74490
#1	.00003	.00053	.00111	.01543	.01725	.00810	.00016
#2	-.00004	.00021	.00071	.00685	.01215	.01162	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	-.15181	.00093	-.00366	.00102	-.00054	.00205
SDev	.00052	.13630	.00017	.00401	.00205	.00003	.00242
%RSD	39.585	89.782	18.110	109.66	201.66	5.4759	117.81
#1	.00094	-.24820	.00081	-.00649	.00246	-.00052	.00377
#2	.00167	-.05543	.00105	-.00082	-.00043	-.00056	.00034
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00174	.00016	.00300	.00007	-.00122	.00004	.00007
SDev	.00736	.00126	.00300	.00018	.00071	.00031	.00007
%RSD	424.10	769.33	99.998	246.30	58.377	827.23	95.972
#1	.00694	.00106	.00512	-.00005	-.00072	.00026	.00012
#2	-.00347	-.00073	.00088	.00020	-.00173	-.00018	.00002
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00063	-.00064
SDev	.00026	.00053
%RSD	40.934	82.914

#1	.00045	-.00102
#2	.00082	-.00027

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3847	--	--	--	--	--	--
SDev	12.09142	--	--	--	--	--	--
%RSD	.3143344	--	--	--	--	--	--
#1	3855	--	--	--	--	--	--
#2	3838	--	--	--	--	--	--

Analysis Report

07/02/08 01:39:58 PM

page 1

Method: TRACE2 Sample Name: AD836952/L (1:5) Operator: SW
 Run Time: 07/02/08 13:34:38
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01371	.00347	.09361	.17787	-.00004	30.524	.00019
SDev	.00906	.00254	.00043	.00043	.00001	.089	.00010
%RSD	66.078	73.210	.46211	.24259	34.759	.29319	52.638
#1	.02012	.00526	.09331	.17757	-.00003	30.460	.00026
#2	.00731	.00167	.09392	.17818	-.00005	30.587	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	.00102	.00080	.19688	.66707	8.2467	1.6977
SDev	.00023	.00036	.00153	.00330	.00192	.0001	.0004
%RSD	26.135	35.670	191.73	1.6766	.28808	.00180	.02400
#1	.00102	.00128	.00188	.19922	.66571	8.2468	1.6979
#2	.00070	.00076	-.00028	.19455	.66843	8.2466	1.6974
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00200	6.4544	.00145	-.00506	.00157	-.00063	.00164
SDev	.00048	.0226	.00112	.00463	.00306	.00050	.00180
%RSD	23.979	.35045	77.056	91.670	194.26	78.089	109.65
#1	.00166	6.4384	.00224	-.00833	.00373	-.00028	.00292
#2	.00234	6.4704	.00066	-.00178	-.00059	-.00098	.00037
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00319	.00316	.00088	-.00029	.00205	.00065	-.00029
SDev	.00196	.00542	.00541	.00010	.00180	.00056	.00028
%RSD	61.461	171.47	611.91	34.112	87.588	85.915	98.522
#1	.00458	-.00067	.00471	-.00022	.00078	.00104	-.00009
#2	.00180	.00699	-.00294	-.00036	.00333	.00025	-.00049
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00159	-.00030
SDev	.00077	.00058
%RSD	48.314	192.21

#1	-.00105	-.00071
#2	-.00213	.00011

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3853	--	--	--	--	--	--
SDev	.6893255	--	--	--	--	--	--
%RSD	.0178909	--	--	--	--	--	--
#1	3852	--	--	--	--	--	--
#2	3853	--	--	--	--	--	--

Analysis Report

07/02/08 01:45:22 PM

page 1

Method: TRACE2 Sample Name: AD836952/PS Operator: SW
 Run Time: 07/02/08 13:40:01
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.098	.21601	.65366	1.0721	.20659	160.17	.20296
SDev	.029	.00024	.00088	.0043	.00049	.45	.00001
%RSD	.28764	.11127	.13381	.40556	.23885	.28085	.00573
#1	10.077	.21618	.65304	1.0690	.20624	159.86	.20295
#2	10.118	.21584	.65428	1.0751	.20694	160.49	.20297
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20371	.20538	.20291	11.251	13.996	51.099	8.3543
SDev	.00079	.00053	.00108	.001	.005	.043	.0047
%RSD	.38990	.25901	.53112	.00707	.03341	.08441	.05567
#1	.20315	.20501	.20214	11.252	13.992	51.069	8.3576
#2	.20427	.20576	.20367	11.251	13.999	51.130	8.3511
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21480	41.369	.20426	.19978	.20222	.20141	.20242
SDev	.00167	.043	.00119	.00113	.00037	.00013	.00213
%RSD	.77725	.10437	.58018	.56341	.18131	.06468	1.0510
#1	.21362	41.339	.20342	.19899	.20248	.20132	.20091
#2	.21598	41.400	.20509	.20058	.20196	.20150	.20392
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20676	.19780	.20473	.20500	.20211	.20761	.19910
SDev	.00444	.00268	.00185	.00077	.00140	.00110	.00018
%RSD	2.1484	1.3571	.90311	.37602	.69145	.52887	.09018
#1	.20362	.19590	.20343	.20446	.20112	.20683	.19897
#2	.20990	.19969	.20604	.20555	.20309	.20839	.19923
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.09330	.05106
SDev	.00111	.00007
%RSD	1.1847	.14581

#1	.09252	.05112
#2	.09409	.05101

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3885	--	--	--	--	--	--
SDev	9.015612	--	--	--	--	--	--
%RSD	.2320844	--	--	--	--	--	--
#1	3891	--	--	--	--	--	--
#2	3878	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836953/MS Operator: SW
 Run Time: 07/02/08 13:45:25
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.172	.21808	.66205	1.0825	.20620	161.75	.20216
SDev	.018	.00157	.00272	.0010	.00031	.22	.00032
%RSD	.17320	.72097	.41151	.09285	.15135	.13560	.15888
#1	10.159	.21920	.66398	1.0818	.20597	161.59	.20193
#2	10.184	.21697	.66013	1.0833	.20642	161.90	.20238
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19663	.20585	.20631	11.292	14.047	51.649	8.4611
SDev	.00008	.00026	.00032	.010	.023	.000	.0102
%RSD	.04127	.12883	.15573	.08863	.16573	.00096	.12046
#1	.19669	.20566	.20608	11.299	14.064	51.649	8.4683
#2	.19658	.20604	.20654	11.285	14.031	51.649	8.4538
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21961	41.617	.20576	.19957	.20483	.20308	.20229
SDev	.00005	.091	.00141	.00412	.00141	.00043	.00207
%RSD	.02047	.21774	.68585	2.0644	.68774	.21290	1.0211
#1	.21964	41.681	.20476	.20249	.20383	.20338	.20083
#2	.21958	41.553	.20675	.19666	.20582	.20277	.20375
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20700	.19809	.20439	.20604	.20093	.20919	.20371
SDev	.00211	.00761	.00690	.00038	.00378	.00053	.00048
%RSD	1.0171	3.8402	3.3769	.18433	1.8790	.25582	.23505
#1	.20849	.20347	.19951	.20577	.19826	.20881	.20405
#2	.20551	.19271	.20927	.20631	.20360	.20957	.20337
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.20884	.05186
SDev	.00046	.00026
%RSD	.21834	.49932

#1	.20852	.05204
#2	.20916	.05168

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3880	--	--	--	--	--	--
SDev	12.19759	--	--	--	--	--	--
%RSD	.3144094	--	--	--	--	--	--
#1	3888	--	--	--	--	--	--
#2	3871	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836954/SD Operator: SW
 Run Time: 07/02/08 13:50:49
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.028	.21327	.65828	1.0733	.20315	160.34	.19967
SDev	.018	.00483	.00149	.0019	.00024	.16	.00018
%RSD	.17764	2.2645	.22588	.17564	.11767	.10056	.08957

#1	10.015	.21668	.65933	1.0720	.20298	160.23	.19979
#2	10.041	.20985	.65722	1.0747	.20332	160.46	.19954

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19430	.20361	.20318	11.176	13.996	51.205	8.4140
SDev	.00040	.00052	.00050	.012	.007	.090	.0161
%RSD	.20385	.25481	.24756	.10613	.05219	.17508	.19177

#1	.19458	.20398	.20283	11.185	14.001	51.268	8.4254
#2	.19402	.20325	.20354	11.168	13.991	51.142	8.4026

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21806	41.289	.20232	.19802	.20036	.19958	.19874
SDev	.00030	.003	.00048	.00528	.00068	.00130	.00276
%RSD	.13616	.00664	.23614	2.6652	.33834	.65400	1.3860

#1	.21785	41.287	.20198	.19429	.20084	.19866	.19679
#2	.21827	41.291	.20265	.20175	.19988	.20051	.20068

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20127	.19821	.19900	.20326	.20134	.20613	.20134
SDev	.00182	.00246	.00291	.00035	.00126	.00019	.00094
%RSD	.90222	1.2384	1.4595	.17435	.62762	.09099	.46767

#1	.20256	.19647	.19695	.20301	.20045	.20626	.20201
#2	.19999	.19994	.20106	.20351	.20224	.20600	.20067

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.20564	.05067
SDev	.00061	.00055
%RSD	.29695	1.0913

#1	.20608	.05028
#2	.20521	.05107

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3887	--	--	--	--	--	--
SDev	11.50809	--	--	--	--	--	--
%RSD	.2960557	--	--	--	--	--	--
#1	3895	--	--	--	--	--	--
#2	3879	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836955 Operator: SW
 Run Time: 07/02/08 13:56:13
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03422	.03291	.32349	.58165	-.00004	189.94	-.00000
SDev	.00288	.00048	.00001	.00079	.00003	.18	.00005
%RSD	8.4153	1.4516	.00372	.13567	78.336	.09418	3837.7

#1	.03219	.03257	.32349	.58109	-.00002	189.82	-.00003
#2	.03626	.03325	.32350	.58221	-.00007	190.07	.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00807	.00178	.00212	1.3104	1.6018	34.844	8.4656
SDev	.00032	.00053	.00069	.0007	.0187	.067	.0036
%RSD	3.9920	29.607	32.646	.04966	1.1703	.19261	.04230

#1	.00785	.00141	.00163	1.3099	1.6150	34.891	8.4681
#2	.00830	.00216	.00260	1.3108	1.5885	34.796	8.4631

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06693	38.835	.00803	-.00584	.00313	.00014	-.00010
SDev	.00037	.234	.00072	.00161	.00098	.00012	.00020
%RSD	.54781	.60176	8.9673	27.494	31.341	85.233	215.43

#1	.06667	38.670	.00752	-.00471	.00243	.00006	.00005
#2	.06719	39.000	.00854	-.00698	.00382	.00022	-.00024

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00364	-.00080	.00026	-.00022	.00108	.00094	-.00259
SDev	.00205	.00271	.00105	.00013	.00093	.00019	.00007
%RSD	56.437	339.31	407.94	59.103	86.936	19.779	2.5593

#1	.00219	.00112	-.00049	-.00013	.00041	.00108	-.00264
#2	.00509	-.00272	.00100	-.00031	.00174	.00081	-.00255

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00062	-.00051
SDev	.00022	.00007
%RSD	35.564	13.523

#1	-.00078	-.00056
#2	-.00047	-.00046

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3846	--	--	--	--	--	--
SDev	2.227490	--	--	--	--	--	--
%RSD	.0579170	--	--	--	--	--	--
#1	3844	--	--	--	--	--	--
#2	3848	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836956 Operator: SW
 Run Time: 07/02/08 14:01:37
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03291	.00439	.13659	.24276	-.00008	127.86	.00012
SDev	.00018	.00166	.00033	.00218	.00001	.92	.00016
%RSD	.53923	37.754	.24086	.89643	17.566	.72154	126.58
#1	.03279	.00322	.13682	.24430	-.00007	128.52	.00023
#2	.03304	.00556	.13635	.24122	-.00009	127.21	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00175	.00084	.00220	.02576	1.0583	37.829	1.1351
SDev	.00028	.00018	.00021	.00430	.0195	.015	.0004
%RSD	16.030	21.459	9.7431	16.708	1.8433	.04096	.03914
#1	.00195	.00071	.00205	.02880	1.0721	37.818	1.1354
#2	.00156	.00097	.00236	.02271	1.0445	37.840	1.1348
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01190	25.317	.00388	-.00355	.00156	-.00014	-.00053
SDev	.00112	.020	.00019	.00298	.00244	.00063	.00050
%RSD	9.4344	.07950	4.8291	84.031	156.07	448.28	94.573
#1	.01269	25.331	.00401	-.00566	.00328	.00031	-.00017
#2	.01110	25.303	.00374	-.00144	-.00016	-.00059	-.00088
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00086	-.00169	.00006	-.00035	-.00188	.00066	-.00125
SDev	.00059	.00413	.00281	.00039	.00044	.00044	.00013
%RSD	67.800	243.98	4707.9	110.73	23.615	66.350	10.741
#1	.00045	-.00462	.00205	-.00063	-.00219	.00097	-.00115
#2	.00128	.00123	-.00193	-.00008	-.00157	.00035	-.00134
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00301	-.00001
SDev	.00211	.00025
%RSD	70.180	2164.4

#1	-.00151	.00016
#2	-.00450	-.00019

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3840	--	--	--	--	--	--
SDev	16.91739	--	--	--	--	--	--
%RSD	.4405614	--	--	--	--	--	--
#1	3828	--	--	--	--	--	--
#2	3852	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836957 Operator: SW
 Run Time: 07/02/08 14:07:01
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8588	.00277	.03169	.32411	.00001	107.08	-.00011
SDev	.0176	.00121	.00154	.00355	.00000	.96	.00004
%RSD	.61564	43.893	4.8635	1.0955	9.0413	.89310	35.883

#1	2.8463	.00191	.03060	.32160	.00001	106.41	-.00014
#2	2.8712	.00363	.03278	.32663	.00001	107.76	-.00008

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00152	.00549	.00601	2.6687	2.4082	27.892	.04649
SDev	.00042	.00016	.00029	.0032	.00009	.059	.00039
%RSD	27.812	2.9211	4.7720	.12017	.03882	.21109	.84157

#1	.00122	.00538	.00621	2.6664	2.4076	27.850	.04677
#2	.00182	.00560	.00581	2.6709	2.4089	27.934	.04622

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00046	16.728	.00639	.00073	.00357	.00263	-.00060
SDev	.00046	.170	.00025	.00345	.00133	.00026	.00308
%RSD	101.07	1.0146	3.9229	474.30	37.223	10.023	517.59

#1	.00013	16.608	.00657	-.00171	.00451	.00244	-.00278
#2	.00078	16.848	.00622	.00317	.00263	.00281	.00158

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00235	-.00160	-.00009	.05963	.00158	.00483	.01089
SDev	.00231	.00868	.00028	.00113	.00380	.00032	.00011
%RSD	98.273	541.79	307.52	1.8968	240.33	6.6609	1.0489

#1	.00398	-.00774	-.00029	.05883	.00427	.00460	.01097
#2	.00072	.00454	.00011	.06043	-.00111	.00505	.01081

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00075	-.00084
SDev	.00189	.00096
%RSD	251.82	114.42

#1	-.00209	-.00151
#2	.00059	-.00016

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3902	--	--	--	--	--	--
SDev	12.14442	--	--	--	--	--	--
%RSD	.3112188	--	--	--	--	--	--
#1	3911	--	--	--	--	--	--
#2	3894	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836958 Operator: SW
 Run Time: 07/02/08 14:12:25
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04558	.00503	.03608	.26065	-.00014	70.508	-.00006
SDev	.00366	.00245	.00149	.00114	.00002	.318	.00000
%RSD	8.0405	48.645	4.1424	.43842	10.799	.45169	2.0129

#1	.04817	.00330	.03713	.26146	-.00013	70.734	-.00006
#2	.04298	.00675	.03502	.25985	-.00015	70.283	-.00006

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00043	.00070	.00104	.01858	1.4706	24.187	.00209
SDev	.00044	.00058	.00023	.01386	.0309	.022	.00005
%RSD	103.83	82.330	22.507	74.626	2.0985	.09193	2.4752

#1	.00074	.00111	.00087	.02838	1.4924	24.203	.00205
#2	.00011	.00029	.00120	.00877	1.4488	24.171	.00212

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	13.061	.00205	-.00558	.00161	-.00079	-.00080
SDev	.00064	.027	.00042	.00161	.00182	.00068	.00280
%RSD	84.385	.20869	20.662	28.796	113.57	86.478	350.23

#1	.00122	13.042	.00175	-.00672	.00290	-.00031	-.00278
#2	.00031	13.081	.00236	-.00444	.00032	-.00127	.00118

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	-.00376	.00068	.00017	.00218	.00116	-.00084
SDev	.00191	.00276	.00282	.00001	.00160	.00056	.00049
%RSD	184.50	73.349	416.19	3.7149	73.189	47.998	57.891

#1	.00239	-.00571	-.00132	.00016	.00331	.00155	-.00050
#2	-.00032	-.00181	.00268	.00017	.00105	.00077	-.00119

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00127	-.00111
SDev	.00002	.00038
%RSD	1.7615	34.645

#1	-.00125	-.00084
#2	-.00128	-.00138

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3914	--	--	--	--	--	--
SDev	20.57688	--	--	--	--	--	--
%RSD	.5257317	--	--	--	--	--	--
#1	3899	--	--	--	--	--	--
#2	3929	--	--	--	--	--	--

Analysis Report

07/02/08 02:23:09 PM

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Method: TRACE2 Sample Name: AD836959 Operator: SW
 Run Time: 07/02/08 14:17:49
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.3457	.00341	.05058	.15518	-.00007	128.06	-.00010
SDev	.0049	.00323	.00099	.00029	.00001	.31	.00005
%RSD	.36410	94.668	1.9488	.18825	20.695	.23838	47.296

#1	1.3423	.00569	.04988	.15497	-.00008	127.84	-.00006
#2	1.3492	.00113	.05128	.15539	-.00006	128.27	-.00013

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00081	.00367	.00217	2.0060	2.1642	33.224	.05812
SDev	.00015	.00043	.00020	.0000	.0027	.003	.00000
%RSD	18.413	11.824	9.4251	.00114	.12324	.00992	.00499

#1	.00091	.00336	.00232	2.0060	2.1623	33.226	.05812
#2	.00070	.00398	.00203	2.0060	2.1661	33.221	.05812

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00074	20.041	.00367	-.00464	.00261	.00019	-.00243
SDev	.00089	.167	.00049	.00220	.00012	.00066	.00338
%RSD	120.48	.83145	13.490	47.454	4.4210	341.11	138.77

#1	.00011	20.159	.00402	-.00620	.00269	-.00027	-.00482
#2	.00137	19.923	.00332	-.00308	.00252	.00066	-.00005

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00068	-.00303	-.00214	.03447	-.00086	.00277	.00393
SDev	.00276	.00510	.00252	.00066	.00104	.00068	.00007
%RSD	408.43	168.44	117.79	1.9117	119.74	24.441	1.7659

#1	-.00128	-.00663	-.00392	.03494	-.00013	.00229	.00388
#2	.00263	.00058	-.00036	.03401	-.00160	.00325	.00398

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00050	-.00083
SDev	.00181	.00031
%RSD	360.09	37.105

#1	.00078	-.00105
#2	-.00178	-.00061

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3899	--	--	--	--	--	--
SDev	2.757820	--	--	--	--	--	--
%RSD	.0707337	--	--	--	--	--	--
#1	3901	--	--	--	--	--	--
#2	3897	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836960 Operator: SW
 Run Time: 07/02/08 14:25:37
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	12.423	.01758	.18310	.41853	.00067	88.025	-.00019
SDev	.071	.00178	.00026	.00262	.00003	.633	.00012
%RSD	.57165	10.135	.14304	.62691	4.5116	.71874	61.031

#1	12.473	.01632	.18292	.42038	.00070	88.472	-.00011
#2	12.373	.01884	.18329	.41667	.00065	87.578	-.00028

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00830	.02307	.00820	16.315	5.1726	45.897	.40420
SDev	.00061	.00031	.00042	.058	.0364	.151	.00062
%RSD	7.2967	1.3522	5.1371	.35630	.70456	.32995	.15374

#1	.00873	.02329	.00849	16.356	5.1984	46.004	.40464
#2	.00787	.02284	.00790	16.274	5.1468	45.790	.40376

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00331	22.194	.02195	.00585	.00967	.00840	.00413
SDev	.00076	.010	.00060	.00184	.00051	.00095	.00257
%RSD	22.899	.04390	2.7216	31.482	5.2587	11.341	62.159

#1	.00385	22.200	.02237	.00455	.00931	.00772	.00595
#2	.00278	22.187	.02152	.00715	.01003	.00907	.00232

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00234	.00522	.00359	.33806	-.00290	.02475	.03692
SDev	.00524	.00549	.00660	.00356	.00534	.00104	.00018
%RSD	224.10	105.25	183.82	1.0541	183.79	4.2056	.49727

#1	.00604	.00133	.00826	.34058	-.00668	.02549	.03705
#2	-.00137	.00910	-.00108	.33554	.00087	.02402	.03679

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00045	-.00081
SDev	.00096	.00060
%RSD	215.61	74.198

#1	-.00113	-.00039
#2	.00023	-.00124

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3910	--	--	--	--	--	--
SDev	19.56904	--	--	--	--	--	--
%RSD	.5005238	--	--	--	--	--	--
#1	3896	--	--	--	--	--	--
#2	3924	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE2 Sample Name: CCV

Operator: SW

Run Time: 07/02/08 14:32:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.031	.48804	.48732	.49839	.50430	25.184	.49755
SDev	.066	.00424	.00122	.00139	.00161	.091	.00008
%RSD	.26403	.86886	.25026	.27960	.31918	.36161	.01665
#1	25.077	.48504	.48646	.49938	.50544	25.248	.49761
#2	24.984	.49104	.48818	.49741	.50316	25.120	.49750
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49572	.51902	.49776	25.190	24.611	24.952	.51018
SDev	.00090	.00063	.00222	.015	.024	.022	.00005
%RSD	.18217	.12125	.44526	.06087	.09652	.08702	.00930
#1	.49636	.51947	.49932	25.201	24.594	24.967	.51015
#2	.49508	.51858	.49619	25.179	24.627	24.936	.51021
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49692	24.660	.50449	.50850	.50940	.50910	.50650
SDev	.00253	.024	.00237	.00194	.00206	.00202	.00971
%RSD	.50887	.09865	.47053	.38092	.40499	.39699	1.9168
#1	.49513	24.678	.50617	.50987	.51086	.51053	.51337
#2	.49871	24.643	.50281	.50713	.50795	.50767	.49964
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49927	.50270	.50841	.51431	.50439	.50128	.50276
SDev	.00174	.00354	.01633	.00193	.00448	.00056	.00104
%RSD	.34856	.70393	3.2124	.37571	.88771	.11125	.20662
#1	.49804	.50020	.51996	.51567	.50123	.50167	.50350
#2	.50051	.50521	.49686	.51294	.50756	.50089	.50203
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50086	.49269
SDev	.00324	.00020
%RSD	.64744	.04028

#1	.50315	.49255
#2	.49857	.49283

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3826	--	--	--	--	--	--
SDev	17.12956	--	--	--	--	--	--
%RSD	.4476780	--	--	--	--	--	--
#1	3814	--	--	--	--	--	--
#2	3838	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: CCB

Operator: SW

Run Time: 07/02/08 14:37:53

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02026	-.00080	.00136	.00013	-.00002	.02054	.00008
SDev	.00040	.00213	.00131	.00006	.00002	.00068	.00003
%RSD	1.9977	264.76	96.327	46.079	92.411	3.3273	39.459
#1	.01997	.00070	.00043	.00017	-.00001	.02102	.00006
#2	.02054	-.00231	.00228	.00009	-.00003	.02006	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.00067	.00120	.01953	.01052	.01304	.00037
SDev	.00023	.00005	.00038	.00473	.00646	.00136	.00004
%RSD	77.808	6.9298	31.983	24.196	61.447	10.388	10.655
#1	.00045	.00070	.00147	.02287	.01508	.01400	.00040
#2	.00013	.00064	.00093	.01619	.00595	.01208	.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00151	-.12467	.00080	-.00415	.00031	-.00118	.00131
SDev	.00027	.05237	.00101	.00172	.00015	.00047	.00022
%RSD	18.111	42.003	126.36	41.405	50.023	39.910	16.674
#1	.00171	-.08764	.00152	-.00537	.00041	-.00151	.00146
#2	.00132	-.16170	.00009	-.00294	.00020	-.00085	.00116
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00098	-.00539	.00466	.00020	.00191	.00017	-.00017
SDev	.00155	.00052	.00007	.00024	.00097	.00013	.00014
%RSD	157.40	9.6676	1.4427	122.36	50.671	73.044	81.531
#1	.00208	-.00502	.00471	.00037	.00259	.00026	-.00028
#2	-.00011	-.00576	.00461	.00003	.00122	.00008	-.00007
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00092	-.00078
SDev	.00103	.00003
%RSD	112.13	4.4692

#1	-.00019	-.00076
#2	-.00165	-.00081

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3818	--	--	--	--	--	--
SDev	2.704649	--	--	--	--	--	--
%RSD	.0708396	--	--	--	--	--	--
#1	3816	--	--	--	--	--	--
#2	3820	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836961 Operator: SW
 Run Time: 07/02/08 14:43:17
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03956	.00133	.02055	.19632	-.00011	62.403	.00007
SDev	.00191	.00020	.00005	.00055	.00001	.208	.00002
%RSD	4.8290	14.864	.24994	.27950	7.9120	.33386	22.469
#1	.04091	.00119	.02051	.19671	-.00010	62.550	.00006
#2	.03821	.00147	.02058	.19593	-.00011	62.256	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00037	.00106	.00175	.01533	1.2700	11.974	.00013
SDev	.00007	.00040	.00015	.00189	.0118	.009	.00005
%RSD	19.585	37.838	8.5679	12.342	.92832	.07479	39.476
#1	.00042	.00134	.00165	.01667	1.2783	11.968	.00017
#2	.00032	.00077	.00186	.01399	1.2616	11.981	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	12.570	.00180	-.00580	.00282	-.00005	.00256
SDev	.00009	.013	.00037	.00053	.00082	.00037	.00222
%RSD	36.709	.10455	20.515	9.1502	29.277	736.55	86.625
#1	.00017	12.579	.00207	-.00617	.00340	.00021	.00099
#2	.00029	12.561	.00154	-.00542	.00224	-.00032	.00413
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00201	.00296	.00237	.00018	-.00165	.00151	-.00051
SDev	.00153	.00006	.00330	.00002	.00137	.00018	.00021
%RSD	75.975	1.9164	139.57	12.662	82.777	11.708	42.069
#1	-.00093	.00292	.00003	.00020	-.00262	.00138	-.00036
#2	-.00309	.00300	.00470	.00017	-.00069	.00163	-.00066
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00091	-.00103
SDev	.00156	.00018
%RSD	170.33	17.590

#1	.00019	-.00090
#2	-.00202	-.00116

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3897	--	--	--	--	--	--
SDev	17.87223	--	--	--	--	--	--
%RSD	.4586371	--	--	--	--	--	--
#1	3884	--	--	--	--	--	--
#2	3909	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836962 Operator: SW
 Run Time: 07/02/08 14:48:41
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	100.21	.02910	.09262	.64501	.00627	142.58	.00015
SDev	.34	.00171	.00040	.00254	.00003	.40	.00002
%RSD	.33780	5.8844	.42857	.39413	.47646	.28092	12.093
#1	99.971	.02789	.09290	.64321	.00625	142.29	.00014
#2	100.45	.03032	.09234	.64681	.00629	142.86	.00016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08300	.63134	.07980	142.51	17.184	73.346	3.5918
SDev	.00042	.00006	.00010	.03	.012	.012	.0009
%RSD	.50517	.00867	.12300	.02044	.07162	.01578	.02444
#1	.08271	.63138	.07973	142.53	17.176	73.338	3.5924
#2	.08330	.63130	.07987	142.49	17.193	73.354	3.5912
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03015	11.831	.39225	.10619	.10855	.10777	.00376
SDev	.00008	.043	.00125	.00046	.00263	.00190	.00211
%RSD	.25392	.36439	.31772	.42965	2.4188	1.7661	55.978
#1	.03020	11.800	.39137	.10651	.11041	.10911	.00525
#2	.03009	11.861	.39313	.10587	.10669	.10642	.00227
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00017	.00556	1.9366	-.00696	.17277	.40797
SDev	.00273	.00075	.00353	.0073	.00272	.00025	.00012
%RSD	1579.3	432.01	63.573	.37751	39.082	.14518	.02936
#1	-.00176	-.00036	.00806	1.9314	-.00503	.17295	.40806
#2	.00211	.00070	.00306	1.9417	-.00888	.17260	.40789
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00657	-.00151
SDev	.00023	.00034
%RSD	3.4533	22.469

#1	.00641	-.00175
#2	.00673	-.00127

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4184	--	--	--	--	--	--
SDev	4.932139	--	--	--	--	--	--
%RSD	.1178813	--	--	--	--	--	--
#1	4187	--	--	--	--	--	--
#2	4180	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836963 Operator: SW
 Run Time: 07/02/08 14:54:05
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.32015	.00189	.01115	.00725	-.00014	2.4593	.00011
SDev	.00901	.00335	.00037	.00002	.00000	.0041	.00026
%RSD	2.8144	177.88	3.3105	.21802	1.5966	.16648	237.93

#1	.32653	-.00049	.01141	.00726	-.00015	2.4622	.00029
#2	.31378	.00426	.01089	.00724	-.00014	2.4564	-.00007

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.00445	.00140	.21869	.51756	1.6072	.00520
SDev	.00007	.00031	.00009	.01038	.02503	.0097	.00015
%RSD	14.264	6.9334	6.7011	4.7478	4.8356	.60311	2.8688

#1	.00046	.00467	.00147	.22604	.53526	1.6141	.00530
#2	.00057	.00423	.00133	.21135	.49986	1.6004	.00509

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	2.1443	.00409	-.00537	.00150	-.00079	-.00198
SDev	.00060	.0298	.00074	.00104	.00029	.00015	.00103
%RSD	79.072	1.3875	18.112	19.423	19.385	19.471	51.743

#1	.00118	2.1653	.00461	-.00611	.00170	-.00090	-.00271
#2	.00033	2.1232	.00357	-.00464	.00129	-.00068	-.00126

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00201	-.00552	-.00022	.00294	-.00148	.00076	.00667
SDev	.00188	.00385	.00039	.00046	.00286	.00061	.00016
%RSD	93.447	69.803	179.66	15.515	192.70	79.575	2.4218

#1	-.00334	-.00824	.00006	.00327	.00054	.00119	.00655
#2	-.00068	-.00280	-.00049	.00262	-.00351	.00033	.00678

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00122	-.00073
SDev	.00186	.00027
%RSD	151.76	37.508

#1	.00009	-.00053
#2	-.00254	-.00092

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3919	--	--	--	--	--	--
SDev	11.82626	--	--	--	--	--	--
%RSD	.3018009	--	--	--	--	--	--
#1	3927	--	--	--	--	--	--
#2	3910	--	--	--	--	--	--

Analysis Report

07/02/08 03:04:49 PM

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Method: TRACE2 Sample Name: AD836964 Operator: SW
 Run Time: 07/02/08 14:59:29
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.29271	.00006	.01024	.00668	-.00015	2.3622	.00010
SDev	.00288	.00062	.00138	.00014	.00002	.0019	.00018
%RSD	.98467	1109.8	13.526	2.0739	14.941	.07886	187.84

#1	.29475	-.00038	.01122	.00678	-.00014	2.3609	.00023
#2	.29067	.00050	.00926	.00659	-.00017	2.3635	-.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00069	.00273	.00163	.19768	.51348	1.5710	.00390
SDev	.00032	.00009	.00042	.00171	.01013	.0025	.00007
%RSD	46.791	3.4578	25.710	.86383	1.9734	.15935	1.8184

#1	.00091	.00280	.00193	.19889	.52065	1.5692	.00395
#2	.00046	.00266	.00133	.19648	.50632	1.5728	.00385

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00032	2.1120	.00266	-.00558	-.00004	-.00188	-.00000
SDev	.00025	.1100	.00073	.00193	.00059	.00025	.00128
%RSD	78.096	5.2069	27.457	34.675	1454.6	13.266	32635.

#1	-.00014	2.1898	.00318	-.00421	-.00046	-.00171	.00090
#2	-.00050	2.0342	.00214	-.00695	.00038	-.00206	-.00091

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	-.00182	.00090	.00244	.00069	.00042	.00680
SDev	.00174	.00652	.00518	.00037	.00113	.00049	.00013
%RSD	11125.	358.35	572.82	15.237	162.96	116.47	1.8680

#1	.00121	-.00643	.00457	.00270	.00150	.00077	.00671
#2	-.00124	.00279	-.00276	.00218	-.00011	.00007	.00689

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00110	-.00094
SDev	.00253	.00016
%RSD	228.99	17.093

#1	.00068	-.00105
#2	-.00289	-.00082

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3903	--	--	--	--	--	--
SDev	6.682125	--	--	--	--	--	--
%RSD	.1711884	--	--	--	--	--	--
#1	3899	--	--	--	--	--	--
#2	3908	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836965 Operator: SW
 Run Time: 07/02/08 15:04:53
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05127	.02702	.06931	.21128	-.00014	60.908	.00014
SDev	.00346	.00112	.00180	.00066	.00002	.205	.00004
%RSD	6.7458	4.1625	2.5906	.31149	13.026	.33582	31.471
#1	.04883	.02623	.06804	.21174	-.00013	61.052	.00011
#2	.05372	.02782	.07058	.21081	-.00016	60.763	.00017
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	.00053	.00148	11.105	1.4002	7.5616	1.1463
SDev	.00032	.00015	.00006	.000	.0233	.0065	.0004
%RSD	34.462	28.908	3.8226	.00157	1.6642	.08643	.03624
#1	.00070	.00042	.00152	11.105	1.4167	7.5662	1.1460
#2	.00116	.00063	.00144	11.105	1.3837	7.5570	1.1466
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00034	2.9046	.00213	-.00589	.00147	-.00098	-.00141
SDev	.00113	.1004	.00010	.00323	.00174	.00009	.00204
%RSD	330.64	3.4551	4.4714	54.844	118.98	8.9634	144.10
#1	.00114	2.8337	.00220	-.00360	.00023	-.00105	.00003
#2	-.00046	2.9756	.00207	-.00817	.00270	-.00092	-.00286
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00261	-.00754	.00165	-.00007	-.00129	.00051	.00303
SDev	.00266	.00316	.00148	.00008	.00036	.00012	.00019
%RSD	101.91	41.845	89.616	108.99	28.305	23.264	6.3820
#1	-.00073	-.00531	.00270	-.00002	-.00103	.00042	.00289
#2	-.00449	-.00978	.00060	-.00013	-.00154	.00059	.00316
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00156	-.00103
SDev	.00162	.00002
%RSD	104.05	2.3294

#1	-.00041	-.00105
#2	-.00271	-.00102

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3903	--	--	--	--	--	--
SDev	18.72072	--	--	--	--	--	--
%RSD	.4796633	--	--	--	--	--	--
#1	3890	--	--	--	--	--	--
#2	3916	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD936966 Operator: SW
 Run Time: 07/02/08 15:10:17
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.14278	.08224	.13926	.42519	-.00011	57.179	.00006
SDev	.00343	.00189	.00063	.00094	.00000	.033	.00011
%RSD	2.4042	2.2976	.45459	.22214	4.0358	.05818	186.75

#1	.14035	.08358	.13971	.42452	-.00010	57.156	-.00002
#2	.14520	.08090	.13881	.42586	-.00011	57.203	.00013

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	.00235	.00226	40.177	1.5867	5.6309	1.8369
SDev	.00015	.00027	.00002	.019	.0089	.0027	.0008
%RSD	9.1456	11.357	.71621	.04671	.55896	.04852	.04408

#1	.00151	.00216	.00225	40.191	1.5930	5.6328	1.8375
#2	.00172	.00254	.00227	40.164	1.5804	5.6290	1.8364

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	3.7886	.00247	-.00475	.00108	-.00086	.00229
SDev	.00007	.0377	.00054	.00024	.00055	.00028	.00087
%RSD	37.644	.99503	21.786	5.0943	50.776	33.060	38.086

#1	.00014	3.7619	.00286	-.00458	.00069	-.00106	.00167
#2	.00025	3.8152	.00209	-.00492	.00147	-.00066	.00290

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00086	.00115	.00285	.00089	.00033	.00091	.00517
SDev	.00169	.00605	.00433	.00005	.00159	.00024	.00006
%RSD	195.90	526.30	151.82	5.3339	489.87	26.826	1.2208

#1	-.00206	.00543	-.00021	.00092	.00145	.00074	.00513
#2	.00033	-.00313	.00592	.00085	-.00080	.00108	.00522

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00192	-.00059
SDev	.00148	.00013
%RSD	76.970	21.366

#1	-.00087	-.00050
#2	-.00296	-.00068

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3900	--	--	--	--	--	--
SDev	4.242641	--	--	--	--	--	--
%RSD	.1087856	--	--	--	--	--	--
#1	3897	--	--	--	--	--	--
#2	3903	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836967 Operator: SW
 Run Time: 07/02/08 15:15:41
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03167	.00145	.00553	.00005	-.00016	.06950	-.00002
SDev	.00151	.00088	.00095	.00004	.00002	.00272	.00019
%RSD	4.7568	60.803	17.183	74.552	12.425	3.9210	1130.9

#1	.03061	.00207	.00621	.00008	-.00015	.06757	.00012
#2	.03274	.00083	.00486	.00002	-.00017	.07142	-.00015

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00032	.00034	-.00015	.02112	.00110	.00221	.00024
SDev	.00029	.00007	.00056	.00923	.02097	.00346	.00015
%RSD	91.247	21.138	386.05	43.669	1900.1	156.91	64.376

#1	.00053	.00039	.00025	.02765	.01593	.00465	.00035
#2	.00011	.00029	-.00054	.01460	-.01372	-.00024	.00013

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00000	-.04494	.00092	-.00345	.00013	-.00106	-.00062
SDev	.00130	.03519	.00040	.00274	.00005	.00094	.00635
%RSD	52316.	78.315	43.409	79.367	34.181	88.684	1023.1

#1	.00091	-.02005	.00120	-.00539	.00010	-.00173	-.00511
#2	-.00092	-.06982	.00064	-.00151	.00016	-.00040	.00387

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00182	.00103	-.00145	-.00019	-.00046	.00034	.00045
SDev	.00324	.01183	.00361	.00023	.00056	.00012	.00006
%RSD	178.23	1146.5	249.70	119.98	121.84	36.909	14.623

#1	.00411	-.00734	-.00400	-.00003	-.00006	.00042	.00040
#2	-.00047	.00940	.00111	-.00036	-.00086	.00025	.00049

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00120	-.00054
SDev	.00134	.00019
%RSD	111.53	35.754

#1	.00215	-.00040
#2	.00025	-.00068

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3925	--	--	--	--	--	--
SDev	12.99309	--	--	--	--	--	--
%RSD	.3310267	--	--	--	--	--	--
#1	3916	--	--	--	--	--	--
#2	3934	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836968 Operator: SW
 Run Time: 07/02/08 15:21:05
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03627	.02838	.05464	.15738	-.00016	57.441	.00010
SDev	.00275	.00236	.00105	.00102	.00000	.252	.00001
%RSD	7.5801	8.3101	1.9261	.64678	.71808	.43927	8.6410
#1	.03821	.03005	.05538	.15666	-.00016	57.263	.00010
#2	.03432	.02671	.05389	.15810	-.00016	57.619	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00140	.00049	.00150	7.0712	1.0332	7.5794	.93575
SDev	.00034	.00005	.00022	.0046	.0118	.0009	.00010
%RSD	24.474	11.036	14.405	.06489	1.1406	.01202	.01072
#1	.00164	.00045	.00165	7.0744	1.0416	7.5801	.93568
#2	.00116	.00053	.00135	7.0680	1.0249	7.5788	.93582
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	1.9367	.00154	-.00702	.00100	-.00167	.00193
SDev	.00028	.0643	.00006	.00077	.00041	.00001	.00042
%RSD	1211.3	3.3201	3.6612	10.964	40.765	.86812	21.562
#1	.00022	1.8912	.00158	-.00756	.00128	-.00166	.00164
#2	-.00017	1.9821	.00150	-.00648	.00071	-.00168	.00223
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00009	-.00271	.00426	-.00003	.00221	.00083	.00092
SDev	.00007	.00099	.00112	.00016	.00118	.00012	.00028
%RSD	71.496	36.519	26.329	535.99	53.497	14.346	30.744
#1	.00005	-.00201	.00346	-.00014	.00304	.00091	.00072
#2	.00014	-.00341	.00505	.00008	.00137	.00074	.00112
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00151	-.00057
SDev	.00075	.00016
%RSD	49.393	28.267

#1	-.00099	-.00068
#2	-.00204	-.00045

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3918	--	--	--	--	--	--
SDev	13.25825	--	--	--	--	--	--
%RSD	.3383545	--	--	--	--	--	--
#1	3928	--	--	--	--	--	--
#2	3909	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836969 Operator: SW
 Run Time: 07/02/08 15:26:29
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05720	.00569	.05940	.11854	-.00014	54.932	.00003
SDev	.00207	.00089	.00023	.00010	.00001	.040	.00005
%RSD	3.6159	15.687	.39228	.08367	5.6024	.07259	152.05
#1	.05866	.00632	.05957	.11847	-.00015	54.961	.00007
#2	.05573	.00506	.05924	.11861	-.00014	54.904	-.00000
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00135	.00131	.00096	4.3179	1.3630	6.9311	.83136
SDev	.00012	.00023	.00035	.0188	.0128	.0112	.00097
%RSD	9.1790	17.803	36.487	.43477	.94022	.16167	.11679
#1	.00144	.00115	.00072	4.3312	1.3539	6.9390	.83205
#2	.00127	.00148	.00121	4.3046	1.3720	6.9232	.83068
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00053	1.9550	.00198	-.00287	.00129	-.00010	.00317
SDev	.00096	.0878	.00002	.00129	.00007	.00047	.00221
%RSD	181.48	4.4925	.85020	44.860	5.0892	488.64	69.614
#1	-.00015	1.8929	.00199	-.00378	.00124	-.00043	.00161
#2	.00121	2.0171	.00196	-.00196	.00133	.00024	.00473
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00052	-.00051	.00501	.00000	.00024	.00027	.00156
SDev	.00306	.00114	.00274	.00007	.00036	.00000	.00007
%RSD	586.77	225.10	54.730	1619.0	151.09	.31562	4.6301
#1	.00269	-.00131	.00307	.00006	.00049	.00027	.00161
#2	-.00164	.00030	.00695	-.00005	-.00002	.00027	.00151
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00030	-.00060
SDev	.00139	.00005
%RSD	460.28	7.6870

#1	-.00068	-.00056
#2	.00129	-.00063

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3890	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0381700	--	--	--	--	--	--
#1	3889	--	--	--	--	--	--
#2	3892	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836970 Operator: SW
 Run Time: 07/02/08 15:34:23
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.259	.13786	.07472	.25630	.00111	41.976	.00006
SDev	.014	.00071	.00134	.00028	.00000	.014	.00006
%RSD	.10284	.51201	1.7914	.11074	.20923	.03232	86.610
#1	13.250	.13736	.07567	.25610	.00111	41.967	.00002
#2	13.269	.13836	.07378	.25651	.00111	41.986	.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00908	.01194	.01208	63.863	2.8682	7.2262	2.0827
SDev	.00032	.00010	.00004	.083	.0075	.0279	.0024
%RSD	3.4984	.82440	.33231	.13057	.26104	.38573	.11590
#1	.00886	.01187	.01205	63.804	2.8629	7.2065	2.0810
#2	.00931	.01201	.01211	63.922	2.8735	7.2459	2.0844
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00135	2.8860	.01212	.00678	.01444	.01189	.00077
SDev	.00012	.1219	.00039	.00128	.00023	.00027	.00395
%RSD	8.7421	4.2252	3.1959	18.877	1.5972	2.2882	511.16
#1	.00127	2.7998	.01185	.00587	.01461	.01170	.00356
#2	.00143	2.9722	.01240	.00768	.01428	.01208	-.00202
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	-.00295	.00264	.06590	-.00179	.01794	.05233
SDev	.00361	.00547	.00319	.00153	.00208	.00048	.00034
%RSD	653.31	185.02	120.92	2.3235	116.51	2.6891	.64967
#1	-.00200	.00091	.00489	.06482	-.00326	.01760	.05257
#2	.00310	-.00682	.00038	.06698	-.00031	.01828	.05209
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00189	-.00038
SDev	.00081	.00060
%RSD	42.956	155.66

#1	.00246	-.00081
#2	.00131	.00004

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3950	--	--	--	--	--	--
SDev	.0529985	--	--	--	--	--	--
%RSD	.0013419	--	--	--	--	--	--
#1	3950	--	--	--	--	--	--
#2	3950	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE2 Sample Name: CCV

Operator: SW

Run Time: 07/02/08 15:41:16

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.997	.49083	.48707	.49990	.50349	25.217	.49650
SDev	.005	.00123	.00093	.00026	.00038	.001	.00032
%RSD	.01857	.24989	.19161	.05181	.07597	.00392	.06500
#1	25.001	.49169	.48773	.50009	.50376	25.217	.49627
#2	24.994	.48996	.48641	.49972	.50322	25.216	.49672
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49531	.51753	.49643	25.051	24.637	25.102	.50847
SDev	.00043	.00090	.00060	.010	.034	.030	.00005
%RSD	.08594	.17491	.12161	.04135	.13980	.11815	.01010
#1	.49501	.51689	.49685	25.044	24.613	25.081	.50850
#2	.49561	.51817	.49600	25.058	24.661	25.123	.50843
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49703	24.505	.50284	.50961	.50413	.50595	.50081
SDev	.00436	.122	.00005	.00067	.00043	.00051	.00042
%RSD	.87653	.49735	.00993	.13118	.08500	.10049	.08398
#1	.49395	24.419	.50288	.50914	.50382	.50559	.50111
#2	.50011	24.591	.50281	.51008	.50443	.50631	.50051
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50601	.49494	.50375	.51739	.50924	.50423	.50348
SDev	.00156	.00077	.00102	.00053	.00333	.00193	.00003
%RSD	.30830	.15522	.20148	.10332	.65426	.38169	.00522
#1	.50711	.49439	.50447	.51701	.50689	.50287	.50350
#2	.50491	.49548	.50303	.51777	.51160	.50559	.50346
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.49936	.48987
SDev	.00080	.00056
%RSD	.15959	.11353

#1	.49880	.49026
#2	.49992	.48947

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3870	--	--	--	--	--	--
SDev	1.962325	--	--	--	--	--	--
%RSD	.0507036	--	--	--	--	--	--
#1	3872	--	--	--	--	--	--
#2	3869	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: CCB

Operator: SW

Run Time: 07/02/08 15:46:40

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02307	.00156	.00301	.00009	-.00001	.02809	-.00003
SDev	.00158	.00167	.00062	.00011	.00002	.00014	.00010
%RSD	6.8288	106.98	20.507	118.08	220.06	.47924	350.39

#1	.02195	.00038	.00345	.00002	-.00002	.02818	.00004
#2	.02418	.00275	.00257	.00017	.00000	.02799	-.00010

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00094	.00045	.01887	.02390	.02030	.00048
SDev	.00015	.00025	.00068	.01323	.01640	.00093	.00009
%RSD	48.367	26.627	152.48	70.122	68.633	4.5655	19.428

#1	.00020	.00076	-.00004	.00951	.03549	.01964	.00042
#2	.00042	.00112	.00093	.02823	.01230	.02095	.00055

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00114	.02216	.00103	-.00070	.00048	.00009	-.00037
SDev	.00002	.10310	.00073	.00040	.00034	.00010	.00328
%RSD	1.8758	465.15	70.350	56.445	70.344	106.42	879.13

#1	.00112	-.05074	.00052	-.00098	.00073	.00016	.00195
#2	.00115	.09507	.00155	-.00042	.00024	.00002	-.00269

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00411	-.00552	.00220	.00040	.00406	.00013	.00043
SDev	.00274	.00282	.00351	.00047	.00127	.00056	.00015
%RSD	66.753	51.104	159.59	118.12	31.295	440.48	34.094

#1	.00217	-.00353	.00469	.00007	.00496	-.00027	.00033
#2	.00605	-.00752	-.00028	.00074	.00316	.00053	.00053

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
------	--------	--------

Units	ppm	ppm
Avge	-.00113	-.00028
SDev	.00049	.00035
%RSD	42.943	125.67

#1	-.00148	-.00053
#2	-.00079	-.00003

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3821	--	--	--	--	--	--
SDev	12.72792	--	--	--	--	--	--
%RSD	.3331023	--	--	--	--	--	--
#1	3830	--	--	--	--	--	--
#2	3812	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: CRI

Operator: SW

Run Time: 07/02/08 15:53:32

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20614	.01103	.02254	.00188	.00197	.47967	.00118
SDev	.00110	.00063	.00129	.00001	.00000	.00132	.00004
%RSD	.53125	5.7198	5.7339	.50624	.20905	.27451	3.6420
#1	.20692	.01148	.02346	.00188	.00197	.48060	.00121
#2	.20537	.01059	.02163	.00187	.00197	.47874	.00115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00410	.00477	.01017	.05593	.44127	.19165	.00297
SDev	.00049	.00059	.00042	.00504	.00299	.00182	.00007
%RSD	12.066	12.377	4.1065	9.0112	.67802	.95103	2.4285
#1	.00445	.00519	.00988	.05950	.44338	.19294	.00302
#2	.00375	.00436	.01047	.05237	.43915	.19036	.00292
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00999	.92603	.01086	.00009	.00462	.00311	.01567
SDev	.00070	.06130	.00030	.00152	.00279	.00136	.00574
%RSD	7.0044	6.6197	2.7751	1639.2	60.414	43.544	36.631
#1	.01049	.96938	.01065	-.00098	.00660	.00407	.01161
#2	.00950	.88269	.01107	.00117	.00265	L.00216	.01973
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02191	.01671	.01515	.00441	.01809	.00568	.01124
SDev	.00178	.00884	.00419	.00008	.00410	.00061	.00033
%RSD	8.1489	52.905	27.656	1.8791	22.666	10.718	2.9623
#1	.02317	.01046	.01219	.00435	.01519	.00611	.01147
#2	.02065	.02297	.01812	.00447	.02099	.00525	.01100
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00914	.00231
SDev	.00068	.00064
%RSD	7.4097	27.762

#1	.00962	.00276
#2	.00866	.00185

Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3861	--	--	--	--	--	--
SDev	6.576128	--	--	--	--	--	--
%RSD	.1703119	--	--	--	--	--	--
#1	3866	--	--	--	--	--	--
#2	3857	--	--	--	--	--	--

Analysis Report

QC Standard

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page 1

Method: TRACE2 Sample Name: ICSEA

Operator: SW

Run Time: 07/02/08 15:58:56

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	507.69	-.00178	.00191	.00089	.00084	505.66	-.00009
SDev	.95	.00186	.00041	.00001	.00001	.45	.00020
%RSD	.18711	104.07	21.345	1.5887	1.2481	.08973	215.21
#1	507.01	-.00310	.00220	.00088	.00084	505.34	.00005
#2	508.36	-.00047	.00163	.00090	.00083	505.98	-.00023
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00023	-.00002	.00013	196.85	.02127	506.99	.00161
SDev	.00003	.00060	.00060	.09	.02424	.53	.00008
%RSD	12.451	3511.3	460.22	.04784	113.94	.10537	4.8652
#1	.00021	.00041	.00055	196.92	.03841	507.37	.00166
#2	.00025	-.00044	-.00029	196.78	.00413	506.61	.00155
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00306	-.02889	.00090	.02013	-.00814	.00127	-.00582
SDev	.00103	.02733	.00052	.00193	.00296	.00262	.00661
%RSD	33.740	94.585	57.706	9.5836	36.402	205.78	113.59
#1	.00379	-.04822	.00126	.01877	-.01024	-.00058	-.01049
#2	.00233	-.00957	.00053	.02150	-.00605	.00313	-.00115
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00067	.00055	-.00901	.00154	-.01057	-.00049	-.00200
SDev	.00193	.00736	.00623	.00030	.00065	.00074	.00001
%RSD	287.36	1326.8	69.220	19.795	6.1783	149.96	.24828
#1	-.00069	-.00465	-.01341	.00132	-.01104	.00003	-.00201
#2	.00204	.00576	-.00460	.00175	-.01011	-.00101	-.00200
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00196	.00017
SDev	.00078	.00036
%RSD	39.823	207.71

#1	-.00141	.00043
#2	-.00251	-.00008

Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3623	--	--	--	--	--	--
SDev	15.53874	--	--	--	--	--	--
%RSD	.4289019	--	--	--	--	--	--
#1	3612	--	--	--	--	--	--
#2	3634	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE2 Sample Name: ICSAB

Operator: SW

Run Time: 07/02/08 16:04:19

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	518.83	.10344	.01127	.52484	.51805	517.06	.99159
SDev	.42	.00413	.00005	.00159	.00019	.90	.00281
%RSD	.08056	3.9876	.48228	.30358	.03765	.17427	.28369
#1	518.53	.10052	.01123	.52372	.51791	516.43	.99358
#2	519.13	.10635	.01131	.52597	.51819	517.70	.98960
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49415	.52594	.52175	100.72	.02350	507.99	.49985
SDev	.00162	.00152	.00150	.20	.00882	1.69	.00099
%RSD	.32893	.28973	.28728	.19816	37.539	.33355	.19776
#1	.49530	.52702	.52069	100.86	.02973	509.19	.50054
#2	.49300	.52486	.52281	100.58	.01726	506.79	.49915
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00095	-.19960	.96703	.06280	.04943	.05388	.04958
SDev	.00155	.18558	.00090	.01119	.01012	.00302	.00332
%RSD	164.24	92.975	.09331	17.817	20.468	5.6087	6.6942
#1	.00205	-.33083	.96639	.07071	.04228	.05175	.05193
#2	-.00015	-.06838	.96767	.05489	.05658	.05602	.04723
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63781	.04167	.05354	.00254	.08932	.51739	.97797
SDev	.00279	.01988	.00496	.00018	.00581	.00054	.00329
%RSD	.43659	47.710	9.2695	7.0147	6.5102	.10481	.33592
#1	.63978	.05573	.05003	.00266	.08520	.51701	.98029
#2	.63584	.02761	.05704	.00241	.09343	.51777	.97564
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00377	.21606
SDev	.00222	.00053
%RSD	58.738	.24775

#1	-.00221	.21644
#2	-.00534	.21568

Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3568	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.1040541	--	--	--	--	--	--
#1	3570	--	--	--	--	--	--
#2	3565	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE2 Sample Name: CCV

Operator: SW

Run Time: 07/02/08 16:09:45

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.456	.47905	.47358	.49493	.49439	24.781	.48714
SDev	.068	.00356	.00012	.00148	.00104	.060	.00083
%RSD	.27814	.74323	.02444	.29848	.20992	.24045	.16949
#1	24.408	.47653	.47366	.49389	.49366	24.738	.48773
#2	24.505	.48157	.47350	.49598	.49513	24.823	.48656
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48571	.51094	.49012	24.636	23.974	24.286	.50109
SDev	.00059	.00002	.00258	.013	.004	.025	.00057
%RSD	.12220	.00443	.52636	.05243	.01469	.10299	.11431
#1	.48613	.51096	.48830	24.646	23.972	24.304	.50149
#2	.48529	.51093	.49195	24.627	23.977	24.269	.50068
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49771	24.013	.49411	.49307	.49683	.49558	.48453
SDev	.00091	.002	.00216	.00022	.00124	.00076	.00016
%RSD	.18364	.00809	.43761	.04443	.25006	.15249	.03236
#1	.49706	24.011	.49259	.49323	.49595	.49505	.48442
#2	.49835	24.014	.49564	.49292	.49771	.49612	.48464
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49675	.47961	.48700	.52108	.49588	.49790	.49292
SDev	.00275	.00077	.00015	.00136	.00659	.00091	.00111
%RSD	.55387	.16109	.03103	.26109	1.3293	.18302	.22466
#1	.49870	.47906	.48711	.52012	.49122	.49855	.49371
#2	.49481	.48015	.48690	.52204	.50054	.49726	.49214
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.49576	.47291
SDev	.00110	.00020
%RSD	.22223	.04146

#1	.49654	.47304
#2	.49498	.47277

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3790	--	--	--	--	--	--
SDev	3.128982	--	--	--	--	--	--
%RSD	.0825603	--	--	--	--	--	--
#1	3792	--	--	--	--	--	--
#2	3788	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: CCB

Operator: SW

Run Time: 07/02/08 16:18:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01975	.00024	.00204	-.00006	-.00006	.01459	.00002
SDev	.00889	.00106	.00071	.00007	.00002	.00570	.00001
%RSD	44.985	445.65	34.778	119.78	38.993	39.037	34.648
#1	.02604	-.00051	.00254	-.00001	-.00004	.01862	.00001
#2	.01347	.00099	.00154	-.00011	-.00007	.01056	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00058	.00042	.01386	.01092	.01365	.00011
SDev	.00000	.00035	.00021	.00143	.00380	.00052	.00004
%RSD	.59786	59.746	51.062	10.282	34.811	3.7766	34.315
#1	.00013	.00083	.00057	.01487	.01361	.01401	.00009
#2	.00013	.00034	.00027	.01285	.00823	.01329	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	-.07839	.00102	-.00247	.00037	-.00058	-.00015
SDev	.00139	.01308	.00005	.00048	.00018	.00028	.00218
%RSD	1216.4	16.682	4.8843	19.440	48.028	47.862	1485.6
#1	-.00110	-.08764	.00106	-.00213	.00049	-.00038	-.00169
#2	.00087	-.06914	.00098	-.00281	.00024	-.00078	.00139
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00229	-.00656	.00306	-.00000	-.00144	.00026	-.00012
SDev	.00089	.00052	.00352	.00042	.00102	.00000	.00050
%RSD	38.825	7.8837	115.25	101810.	70.796	.26381	407.48
#1	.00292	-.00619	.00057	.00030	-.00215	.00026	.00023
#2	.00166	-.00692	.00555	-.00030	-.00072	.00026	-.00048
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00229	-.00051
SDev	.00142	.00009
%RSD	61.902	18.218

#1	-.00329	-.00058
#2	-.00129	-.00044

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3816	--	--	--	--	--	--
SDev	4.825969	--	--	--	--	--	--
%RSD	.1264605	--	--	--	--	--	--
#1	3813	--	--	--	--	--	--
#2	3820	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836913/PB Operator: SW
 Run Time: 07/02/08 16:24:25
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09337	-.00061	.01413	.00003	-.00011	.17496	.00015
SDev	.00963	.00056	.00049	.00004	.00000	.00912	.00002
%RSD	10.319	92.157	3.5054	109.61	2.7969	5.2107	11.260
#1	.10018	-.00101	.01448	.00006	-.00011	.18140	.00016
#2	.08655	-.00021	.01378	.00001	-.00011	.16851	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00060	.00084	.00090	.02452	.00342	.01549	-.00003
SDev	.00005	.00040	.00052	.01480	.00408	.00540	.00010
%RSD	8.2465	46.963	58.333	60.349	119.30	34.885	353.98
#1	.00056	.00112	.00053	.03499	.00631	.01931	.00004
#2	.00063	.00056	.00127	.01406	.00054	.01167	-.00010
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00008	-.08780	.00154	-.00613	.00174	-.00088	.00239
SDev	.00036	.09008	.00012	.00171	.00073	.00008	.00072
%RSD	433.91	102.59	7.7489	27.868	42.241	8.9671	30.367
#1	.00017	-.02411	.00162	-.00734	.00226	-.00094	.00187
#2	-.00033	-.15150	.00145	-.00492	.00122	-.00083	.00290
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00222	-.00716	.00716	-.00010	.00306	.00056	.00547
SDev	.00159	.00836	.00527	.00007	.00208	.00018	.00041
%RSD	71.712	116.79	73.581	75.187	67.818	32.932	7.5281
#1	.00110	-.00125	.00344	-.00015	.00159	.00069	.00576
#2	.00335	-.01308	.01089	-.00005	.00453	.00043	.00518
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00209	-.00043
SDev	.00002	.00025
%RSD	1.0460	57.918

#1	-.00210	-.00026
#2	-.00207	-.00061

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3885	--	--	--	--	--	--
SDev	6.363961	--	--	--	--	--	--
%RSD	.1637927	--	--	--	--	--	--
#1	3890	--	--	--	--	--	--
#2	3881	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD836912/LCS Operator: SW
 Run Time: 07/02/08 16:29:49
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08770	1.0649	.09795	1.0098	1.0032	.88554	1.0438
SDev	.00202	.0012	.00087	.0027	.0028	.00065	.0002
%RSD	2.3064	.10825	.88653	.27109	.28002	.07314	.02113
#1	.08627	1.0641	.09734	1.0117	1.0051	.88508	1.0437
#2	.08913	1.0657	.09856	1.0078	1.0012	.88599	1.0440
Errors	NOCHECK	LC Pass	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass
High		1.2000		1.2000	1.2000		1.2000
Low		.80000		.80000	.80000		.80000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98410	1.0188	1.0424	.08454	1.8975	.17917	1.0369
SDev	.00009	.0003	.0030	.00025	.0242	.00455	.0000
%RSD	.00869	.02792	.28677	.29528	1.2734	2.5380	.00087
#1	.98416	1.0186	1.0446	.08472	1.9146	.18238	1.0369
#2	.98403	1.0190	1.0403	.08436	1.8804	.17595	1.0369
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	1.2000	1.2000	1.2000				1.2000
Low	.80000	.80000	.80000				.80000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0355	1146.1	1.0271	1.0425	1.0361	1.0383	1.0736
SDev	.0045	2.7	.0032	.0021	.0019	.0006	.0027
%RSD	.43757	.23625	.30864	.20300	.18635	.05616	.24716
#1	1.0323	1148.0	1.0293	1.0440	1.0348	1.0379	1.0755
#2	1.0387	1144.2	1.0249	1.0411	1.0375	1.0387	1.0718
Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	1.2000		1.2000			1.2000	1.2000
Low	.80000		.80000			.80000	.80000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0504	1.0691	1.0759	.00018	1.0434	1.0411	1.0489
SDev	.0011	.0154	.0037	.00000	.0065	.0011	.0002
%RSD	.10617	1.4395	.34520	.82282	.62571	.10619	.02095
#1	1.0496	1.0799	1.0733	.00018	1.0388	1.0419	1.0491
#2	1.0512	1.0582	1.0786	.00018	1.0481	1.0403	1.0488
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass
High	1.2000				1.2000	1.2000	1.2000
Low	.80000				.80000	.80000	.80000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00056	1.0315
SDev	.00109	.0009
%RSD	194.78	.08555

#1	-.00133	1.0321
#2	.00021	1.0309

Errors	NOCHECK	LC Pass
High		1.2000
Low		.80000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3699	--	--	--	--	--	--
SDev	9.598940	--	--	--	--	--	--
%RSD	.2594983	--	--	--	--	--	--
#1	3706	--	--	--	--	--	--
#2	3692	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836911/EBLK Operator: SW
 Run Time: 07/02/08 16:35:13
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08379	.00176	H.09797	H.00364	-.00014	H.88202	.00002
SDev	.00464	.00022	.00100	.00001	.00003	.00634	.00013
%RSD	5.5402	12.616	1.0216	.30509	22.884	.71881	629.86
#1	.08051	.00161	H.09727	H.00363	-.00016	H.87754	-.00007
#2	.08707	.00192	H.09868	H.00364	-.00011	H.88651	.00012
Errors	LC Pass	LC Pass	LC High	LC High	LC Pass	LC High	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00115	.00177	.01070	H1.8932	.16870	.00086
SDev	.00000	.00103	.00016	.00541	.0070	.00713	.00014
%RSD	.22158	90.226	9.1352	50.557	.37000	4.2277	16.212
#1	.00044	.00041	.00189	.00687	H1.8981	.16366	.00077
#2	.00044	.00188	.00166	.01453	H1.8882	.17374	.00096
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00233	H1151.0	.00114	-.00420	.00165	-.00030	.00224
SDev	.00111	4.6	.00063	.00312	.00132	.00192	.00631
%RSD	47.681	.39683	55.517	74.208	79.910	641.84	281.61
#1	.00155	H1147.8	.00158	-.00200	.00258	.00106	-.00222
#2	.00312	H1154.3	.00069	-.00640	.00072	-.00165	.00670
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00154	.00071	.00300	-.00008	.00087	.00050	.00498
SDev	.00236	.00763	.00564	.00005	.00160	.00007	.00062
%RSD	153.95	1071.2	187.93	60.207	183.96	13.518	12.411
#1	.00321	-.00469	-.00099	-.00011	.00200	.00046	.00454
#2	-.00014	.00611	.00699	-.00005	-.00026	.00055	.00541
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00045	-.00071
SDev	.00191	.00084
%RSD	429.81	117.36

#1	-.00091	-.00130
#2	.00180	-.00012

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3674	--	--	--	--	--	--
SDev	15.37957	--	--	--	--	--	--
%RSD	.4186113	--	--	--	--	--	--
#1	3685	--	--	--	--	--	--
#2	3663	--	--	--	--	--	--

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Method: TRACE2 Sample Name: AD836902 Operator: SW
 Run Time: 07/02/08 16:40:37
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8160	.02574	.12775	.04156	.00018	67.105	.00002
SDev	.0171	.00029	.00134	.00027	.00002	.414	.00028
%RSD	.60722	1.1158	1.0514	.64019	9.2065	.61744	1604.9
#1	2.8039	.02554	.12680	.04137	.00017	66.812	-.00018
#2	2.8281	.02594	.12870	.04175	.00019	67.398	.00022
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00250	.00122	.01909	.29579	1.6096	10.923	.43015
SDev	.00089	.00061	.00038	.00983	.0029	.021	.00022
%RSD	35.522	50.341	2.0150	3.3232	.18153	.19024	.05220
#1	.00187	.00079	.01882	.28884	1.6117	10.908	.42999
#2	.00313	.00166	.01936	.30274	1.6075	10.937	.43031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00382	H1136.6	.00862	-.00170	.00140	.00037	.00073
SDev	.00044	3.7	.00052	.00013	.00069	.00051	.00161
%RSD	11.419	.32871	6.0681	7.5170	49.412	136.80	219.29
#1	.00351	H1134.0	.00825	-.00161	.00189	.00073	.00187
#2	.00412	H1139.3	.00899	-.00179	.00091	.00001	-.00040
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00164	-.00105	.00163	.00240	-.00034	.00448	.16428
SDev	.00334	.00200	.00141	.00006	.00244	.00060	.00006
%RSD	202.87	189.26	86.864	2.6302	728.51	13.277	.03820
#1	-.00071	.00036	.00262	.00236	-.00206	.00406	.16423
#2	.00400	-.00246	.00063	.00245	.00139	.00490	.16432
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00127	-.00091
SDev	.00064	.00100
%RSD	50.116	110.47

#1	.00172	-.00162
#2	.00082	-.00020

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3729	--	--	--	--	--	--
SDev	14.69007	--	--	--	--	--	--
%RSD	.3939929	--	--	--	--	--	--
#1	3739	--	--	--	--	--	--
#2	3718	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836902/L (1:5) Operator: SW
 Run Time: 07/02/08 16:46:01
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.57539	.00647	.02661	.00848	-.00008	13.410	.00006
SDev	.00132	.00057	.00011	.00010	.00001	.005	.00004
%RSD	.22889	8.8696	.40268	1.2120	13.927	.03653	68.134
#1	.57632	.00688	.02668	.00840	-.00008	13.406	.00009
#2	.57445	.00607	.02653	.00855	-.00007	13.413	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00063	.00061	.00364	.05817	.25190	2.2027	.08598
SDev	.00030	.00041	.00064	.01610	.01114	.0051	.00022
%RSD	47.941	67.455	17.636	27.679	4.4219	.23287	.25513
#1	.00085	.00091	.00410	.06955	.25977	2.2063	.08614
#2	.00042	.00032	.00319	.04678	.24402	2.1990	.08583
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00079	285.04	.00240	-.00380	.00043	-.00098	-.00196
SDev	.00170	.18	.00026	.00493	.00421	.00117	.00442
%RSD	215.98	.06215	10.842	129.98	983.87	119.49	225.80
#1	-.00042	284.92	.00258	-.00728	.00341	-.00015	.00117
#2	.00200	285.17	.00222	-.00031	-.00255	-.00180	-.00509
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00344	-.00494	-.00047	.00043	-.00021	.00092	.03274
SDev	.00166	.00572	.00378	.00001	.00109	.00056	.00027
%RSD	48.229	115.70	806.19	3.1783	520.77	61.033	.82457
#1	.00227	-.00090	.00220	.00042	-.00098	.00132	.03293
#2	.00461	-.00898	-.00314	.00044	.00056	.00052	.03255
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00210	-.00030
SDev	.00149	.00009
%RSD	70.798	31.142

#1	-.00105	-.00036
#2	-.00316	-.00023

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3822	--	--	--	--	--	--
SDev	6.257791	--	--	--	--	--	--
%RSD	.1637308	--	--	--	--	--	--
#1	3818	--	--	--	--	--	--
#2	3826	--	--	--	--	--	--

Analysis Report

07/02/08 04:56:46 PM

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Method: TRACE2 Sample Name: AD836902/PS Operator: SW
 Run Time: 07/02/08 16:51:26
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.8037	1.0941	.12722	1.0569	1.0328	66.937	1.0362
SDev	.0029	.0029	.00029	.0037	.0026	.153	.0006
%RSD	.10497	.26159	.22481	.34658	.24942	.22814	.05436
#1	2.8017	1.0961	.12742	1.0544	1.0310	66.829	1.0358
#2	2.8058	1.0920	.12702	1.0595	1.0346	67.045	1.0366
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.98724	1.0302	1.0213	.35387	1.6076	10.860	1.4617
SDev	.00075	.0000	.0022	.00374	.0080	.008	.0013
%RSD	.07551	.00453	.21158	1.0558	.50032	.07792	.09059
#1	.98672	1.0301	1.0197	.35651	1.6133	10.854	1.4608
#2	.98777	1.0302	1.0228	.35122	1.6019	10.866	1.4627
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0601	H1133.7	1.0313	1.0336	1.0246	1.0276	1.0635
SDev	.0061	.7	.0018	.0032	.0038	.0036	.0028
%RSD	.57150	.06467	.17068	.31218	.36702	.34865	.25974
#1	1.0558	H1133.2	1.0300	1.0313	1.0219	1.0251	1.0615
#2	1.0644	H1134.3	1.0325	1.0359	1.0273	1.0301	1.0654
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0715	1.0558	1.0673	.00215	1.0535	1.0582	1.2006
SDev	.0015	.0088	.0003	.00003	.0019	.0008	.0003
%RSD	.14001	.83606	.02530	1.2999	.17797	.07099	.02089
#1	1.0704	1.0495	1.0675	.00213	1.0522	1.0577	1.2008
#2	1.0726	1.0620	1.0671	.00217	1.0549	1.0587	1.2004
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00144	1.0445
SDev	.00046	.0010
%RSD	31.855	.09552

#1	.00177	1.0438
#2	.00112	1.0452

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3746	--	--	--	--	--	--
SDev	6.257964	--	--	--	--	--	--
%RSD	.1670528	--	--	--	--	--	--
#1	3751	--	--	--	--	--	--
#2	3742	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836903/MS Operator: SW
 Run Time: 07/02/08 16:56:50
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7478	1.0665	.12564	1.0288	.99439	65.820	1.0123
SDev	.0079	.0003	.00079	.0005	.00133	.123	.0026
%RSD	.28799	.02381	.62881	.05187	.13379	.18653	.25532
#1	2.7534	1.0664	.12620	1.0291	.99534	65.907	1.0141
#2	2.7422	1.0667	.12508	1.0284	.99345	65.733	1.0104
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95954	.99734	1.0403	.34211	1.5836	10.739	1.4302
SDev	.00138	.00183	.0009	.00924	.0158	.020	.0033
%RSD	.14335	.18324	.08885	2.7019	.99649	.18909	.22759
#1	.96051	.99863	1.0410	.33558	1.5948	10.753	1.4325
#2	.95857	.99604	1.0397	.34865	1.5725	10.724	1.4279
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0234	H1121.7	1.0021	1.0071	.99713	1.0005	1.0462
SDev	.0004	2.7	.0014	.0016	.00144	.0004	.0004
%RSD	.04378	.24325	.13707	.15557	.14456	.04396	.03426
#1	1.0238	H1123.6	1.0031	1.0060	.99815	1.0008	1.0465
#2	1.0231	H1119.8	1.0012	1.0082	.99611	1.0002	1.0460
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0337	1.0401	1.0493	.00214	1.0160	1.0353	1.1755
SDev	.0011	.0026	.0008	.00020	.0064	.0014	.0023
%RSD	.10993	.25060	.07296	9.5326	.62599	.13260	.19956
#1	1.0329	1.0420	1.0488	.00228	1.0115	1.0362	1.1772
#2	1.0345	1.0383	1.0498	.00199	1.0205	1.0343	1.1739
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00249	1.0102
SDev	.00134	.0018
%RSD	53.772	.18081

#1	.00343	1.0115
#2	.00154	1.0089

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3765	--	--	--	--	--	--
SDev	19.30405	--	--	--	--	--	--
%RSD	.5127135	--	--	--	--	--	--
#1	3751	--	--	--	--	--	--
#2	3779	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836904/SD Operator: SW
 Run Time: 07/02/08 17:02:14
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.7162	1.0608	.12148	1.0297	.99480	65.834	1.0111
SDev	.0096	.0067	.00205	.0034	.00282	.177	.0004
%RSD	.35202	.63236	1.6889	.32715	.28312	.26816	.03783

#1	2.7229	1.0655	.12003	1.0320	.99679	65.959	1.0108
#2	2.7094	1.0560	.12293	1.0273	.99280	65.709	1.0114

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.95847	.99633	1.0410	.33751	1.5697	10.730	1.4285
SDev	.00016	.00003	.0024	.01313	.0189	.008	.0003
%RSD	.01652	.00320	.23473	3.8893	1.2071	.07753	.01892

#1	.95858	.99636	1.0427	.32822	1.5831	10.736	1.4287
#2	.95836	.99631	1.0393	.34679	1.5563	10.724	1.4283

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0218	H1121.9	1.0033	1.0076	1.0030	1.0046	1.0356
SDev	.0025	2.5	.0028	.0012	.0008	.0001	.0059
%RSD	.24739	.22447	.27853	.12271	.08294	.01425	.57431

#1	1.0200	H1123.7	1.0053	1.0085	1.0024	1.0045	1.0314
#2	1.0236	H1120.1	1.0013	1.0068	1.0036	1.0047	1.0398

Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0310	1.0267	1.0401	.00208	1.0156	1.0344	1.1730
SDev	.0012	.0066	.0056	.00044	.0055	.0007	.0009
%RSD	.11174	.64177	.54100	21.070	.53691	.07144	.07795

#1	1.0318	1.0221	1.0361	.00177	1.0118	1.0349	1.1737
#2	1.0302	1.0314	1.0441	.00240	1.0195	1.0339	1.1724

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00160	1.0086
SDev	.00169	.0005
%RSD	105.10	.04850

#1	.00041	1.0090
#2	.00279	1.0083

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3727	--	--	--	--	--	--
SDev	.7954952	--	--	--	--	--	--
%RSD	.0213462	--	--	--	--	--	--
#1	3727	--	--	--	--	--	--
#2	3726	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD836905 Operator: SW
 Run Time: 07/02/08 17:07:38
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3858	.00492	.20250	.25564	.00143	386.34	.00111
SDev	.0011	.00046	.00018	.00013	.00007	.19	.00002
%RSD	.03280	9.2743	.08933	.05034	5.1812	.04972	1.7319

#1	3.3851	.00524	.20238	.25555	.00138	386.20	.00110
#2	3.3866	.00460	.20263	.25573	.00148	386.47	.00113

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03270	.00270	.02616	2.3182	33.809	40.368	16.468
SDev	.00024	.00037	.00010	.0008	.002	.004	.003
%RSD	.73844	13.687	.38945	.03315	.00592	.00962	.01955

#1	.03287	.00296	.02609	2.3187	33.810	40.371	16.470
#2	.03253	.00244	.02623	2.3176	33.807	40.366	16.466

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00331	H1094.5	.02010	.00603	.01183	.00990	-.00249
SDev	.00031	.2	.00024	.00059	.00039	.00006	.00137
%RSD	9.3374	.01627	1.2059	9.7680	3.2666	.62121	55.089

#1	.00353	H1094.6	.02027	.00645	.01155	.00985	-.00347
#2	.00309	H1094.4	.01993	.00562	.01210	.00994	-.00152

Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00071	-.00745	-.00001	.00089	.00259	.00037	.12692
SDev	.00232	.00609	.00098	.00008	.00263	.00019	.00069
%RSD	325.35	81.639	6579.6	8.8074	101.61	52.067	.54031

#1	.00236	-.01176	.00068	.00083	.00073	.00050	.12643
#2	-.00093	-.00315	-.00071	.00094	.00445	.00023	.12740

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00051	-.00049
SDev	.00042	.00021
%RSD	82.237	43.782

#1	.00081	-.00034
#2	.00021	-.00064

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3741	--	--	--	--	--	--
SDev	4.985138	--	--	--	--	--	--
%RSD	.1332595	--	--	--	--	--	--
#1	3744	--	--	--	--	--	--
#2	3737	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836906 Operator: SW
 Run Time: 07/02/08 17:13:03
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	6.1260	.01762	1.5635	.28099	.00215	784.48	.02288
SDev	.0046	.00000	.0028	.00000	.00001	.16	.00007
%RSD	.07587	.01780	.17963	.00015	.51303	.02005	.30484
#1	6.1293	.01762	1.5655	.28099	.00214	784.37	.02293
#2	6.1228	.01763	1.5615	.28099	.00216	784.59	.02283
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.11510	.04613	.25005	.01639	50.595	33.790	10.924
SDev	.00062	.00042	.00068	.00052	.003	.040	.010
%RSD	.53964	.90153	.27090	3.1976	.00642	.11898	.08860
#1	.11554	.04642	.24957	.01676	50.597	33.819	10.931
#2	.11466	.04583	.25053	.01602	50.593	33.762	10.917
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26024	H1145.2	.09017	.01516	.01927	.01790	.02525
SDev	.00038	1.0	.00034	.00385	.00111	.00054	.00111
%RSD	.14416	.08465	.37296	25.410	5.7518	3.0368	4.4129
#1	.25998	H1145.9	.08993	.01789	.01849	.01829	.02603
#2	.26051	H1144.5	.09040	.01244	.02006	.01752	.02446
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03237	.01973	.02801	-.00010	.00846	.00347	1.8460
SDev	.00203	.01058	.00362	.00040	.00089	.00001	.0019
%RSD	6.2660	53.618	12.914	385.50	10.537	.22127	.10519
#1	.03381	.02720	.02545	.00018	.00783	.00347	1.8473
#2	.03094	.01225	.03057	-.00038	.00909	.00346	1.8446
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00051	-.00054
SDev	.00163	.00150
%RSD	316.68	278.69

#1	.00167	.00052
#2	-.00064	-.00159

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3603	--	--	--	--	--	--
SDev	8.591451	--	--	--	--	--	--
%RSD	.2384527	--	--	--	--	--	--
#1	3597	--	--	--	--	--	--
#2	3609	--	--	--	--	--	--

Analysis Report

QC Standard

07/02/08 05:25:16 PM

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Method: TRACE2 Sample Name: CCV

Operator: SW

Run Time: 07/02/08 17:19:56

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.955	.49207	.48396	.50414	.50151	25.228	.49401
SDev	.039	.00100	.00024	.00095	.00090	.037	.00017
%RSD	.15707	.20242	.04995	.18800	.17864	.14634	.03429
#1	24.983	.49277	.48413	.50481	.50214	25.255	.49413
#2	24.927	.49136	.48379	.50347	.50087	25.202	.49389
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49407	.51696	.49658	24.982	24.648	25.002	.50661
SDev	.00011	.00028	.00145	.002	.021	.025	.00052
%RSD	.02315	.05384	.29152	.00780	.08662	.09969	.10340
#1	.49399	.51677	.49760	24.983	24.633	24.984	.50624
#2	.49415	.51716	.49556	24.981	24.664	25.019	.50698
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49664	24.823	.50114	.50590	.50933	.50818	.50400
SDev	.00277	.094	.00099	.00172	.00119	.00022	.00126
%RSD	.55791	.37733	.19771	.33923	.23435	.04420	.24962
#1	.49468	24.889	.50184	.50469	.51017	.50834	.50311
#2	.49860	24.756	.50044	.50711	.50848	.50803	.50489
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50669	.49485	.50859	.52341	.50575	.50754	.50258
SDev	.00127	.00446	.00034	.00046	.00072	.00021	.00006
%RSD	.25045	.90138	.06746	.08868	.14255	.04209	.01158
#1	.50758	.49170	.50883	.52373	.50626	.50739	.50254
#2	.50579	.49800	.50835	.52308	.50524	.50769	.50262
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.49656	.48754
SDev	.00093	.00124
%RSD	.18802	.25520

#1	.49590	.48666
#2	.49722	.48842

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3838	--	--	--	--	--	--
SDev	4.985138	--	--	--	--	--	--
%RSD	.1298898	--	--	--	--	--	--
#1	3834	--	--	--	--	--	--
#2	3842	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: CCB

Operator: SW

Run Time: 07/02/08 17:25:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00849	.00171	.00291	-.00011	-.00005	-.00214	.00004
SDev	.00085	.00008	.00025	.00024	.00002	.00052	.00007
%RSD	10.010	4.6673	8.7278	216.69	45.514	24.212	169.55
#1	.00909	.00165	.00309	-.00029	-.00007	-.00178	-.00001
#2	.00789	.00177	.00273	.00006	-.00004	-.00251	.00009
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00020	.00027	-.00023	.00956	.00275	-.00127	.00006
SDev	.00036	.00003	.00008	.00572	.02037	.00052	.00001
%RSD	178.88	10.049	35.248	59.868	741.80	40.896	23.635
#1	-.00005	.00029	-.00017	.00551	.01715	-.00164	.00005
#2	.00045	.00025	-.00028	.01361	-.01166	-.00090	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00109	-.04653	.00143	-.00415	.00076	-.00087	.00063
SDev	.00053	.09765	.00062	.00053	.00277	.00202	.00030
%RSD	48.491	209.87	43.298	12.691	363.81	231.36	47.750
#1	.00146	-.11558	.00099	-.00378	.00272	.00056	.00042
#2	.00071	.02252	.00187	-.00452	-.00120	-.00230	.00084
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00232	-.00145	.00167	.00002	.00037	.00031	-.00001
SDev	.00188	.00004	.00047	.00014	.00038	.00019	.00036
%RSD	80.968	2.7944	28.182	609.45	101.75	61.289	2439.5
#1	.00365	-.00142	.00133	-.00007	.00010	.00044	-.00027
#2	.00099	-.00148	.00200	.00012	.00064	.00017	.00024
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00290	-.00035
SDev	.00097	.00017
%RSD	33.400	49.889

#1	-.00358	-.00023
#2	-.00221	-.00047

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3785	--	--	--	--	--	--
SDev	13.84158	--	--	--	--	--	--
%RSD	.3656824	--	--	--	--	--	--
#1	3795	--	--	--	--	--	--
#2	3775	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836907 Operator: SW
 Run Time: 07/02/08 17:30:45
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.06890	.15980	2.0077	.58037	.00033	918.18	.00771
SDev	.00005	.00002	.0018	.00078	.00003	1.49	.00000
%RSD	.06506	.00915	.08900	.13510	9.3575	.16276	.00209
#1	.06887	.15979	2.0090	.57981	.00031	917.12	.00771
#2	.06893	.15981	2.0064	.58092	.00035	919.24	.00771
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03816	.54641	.01509	.02487	54.093	29.537	2.5514
SDev	.00005	.00019	.00025	.00463	.031	.002	.0008
%RSD	.14047	.03566	1.6399	18.615	.05720	.00518	.03056
#1	.03820	.54627	.01526	.02160	54.115	29.538	2.5519
#2	.03812	.54655	.01491	.02815	54.071	29.536	2.5508
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.58302	H1167.6	.08796	-.00464	.00151	-.00054	.05457
SDev	.00164	1.0	.00016	.00123	.00183	.00081	.00577
%RSD	.28126	.08868	.18786	26.493	121.64	150.30	10.568
#1	.58186	H1166.9	.08808	-.00551	.00280	.00003	.05865
#2	.58418	H1168.3	.08785	-.00377	.00021	-.00111	.05049
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01207	.05736	.05318	.00250	.00172	.01755	.14149
SDev	.00417	.00576	.00577	.00014	.00154	.00066	.00006
%RSD	34.531	10.046	10.849	5.6248	89.921	3.7551	.03983
#1	.00912	.06143	.05726	.00240	.00281	.01709	.14145
#2	.01501	.05328	.04910	.00260	.00063	.01802	.14153
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00109	-.00120
SDev	.00061	.00010
%RSD	56.155	8.2731

#1	.00152	-.00127
#2	.00066	-.00113

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3539	--	--	--	--	--	--
SDev	10.44743	--	--	--	--	--	--
%RSD	.2951972	--	--	--	--	--	--
#1	3547	--	--	--	--	--	--
#2	3532	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836908 Operator: SW
 Run Time: 07/02/08 17:36:10
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.08036	.00139	.61605	.62109	.00019	673.90	.00006
SDev	.00062	.00207	.00271	.00240	.00001	2.82	.00018
%RSD	.77316	148.98	.43962	.38610	5.1276	.41891	285.99

#1	.08080	.00286	.61797	.61939	.00018	671.90	-.00007
#2	.07992	-.00007	.61414	.62279	.00020	675.89	.00019

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00262	.00101	.00045	8.1602	1.5682	57.014	1.8004
SDev	.00025	.00042	.00034	.0046	.0045	.005	.0011
%RSD	9.6177	41.372	75.307	.05672	.28380	.00803	.06251

#1	.00244	.00130	.00069	8.1569	1.5714	57.011	1.8012
#2	.00280	.00071	.00021	8.1634	1.5651	57.017	1.7996

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00273	H1239.1	.02173	-.00365	-.00082	-.00176	.00220
SDev	.00032	2.4	.00032	.00126	.00092	.00019	.00035
%RSD	11.679	.19764	1.4937	34.603	112.10	11.014	15.984

#1	.00296	H1237.4	.02196	-.00276	-.00147	-.00190	.00245
#2	.00251	H1240.9	.02150	-.00454	-.00017	-.00163	.00195

Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00284	.00362	.00149	-.00020	-.00184	-.00003	L-.00684
SDev	.00181	.00412	.00153	.00001	.00255	.00000	.00034
%RSD	63.558	113.69	102.67	3.1645	138.20	.82093	4.9975

#1	-.00157	.00654	.00041	-.00020	-.00004	-.00003	L-.00660
#2	-.00412	.00071	.00257	-.00021	-.00365	-.00003	L-.00709

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Low
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00061	-.00043
SDev	.00188	.00006
%RSD	307.90	15.053

#1	-.00072	-.00047
#2	.00194	-.00038

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3527	--	--	--	--	--	--
SDev	10.39461	--	--	--	--	--	--
%RSD	.2947445	--	--	--	--	--	--
#1	3534	--	--	--	--	--	--
#2	3519	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836909 Operator: SW
 Run Time: 07/02/08 17:41:34
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.09022	.00110	.10161	.40960	.00025	770.00	.00124
SDev	.00106	.00124	.00001	.00023	.00003	2.29	.00003
%RSD	1.1770	112.63	.00737	.05564	13.665	.29682	1.9996

#1	.08947	.00198	.10160	.40976	.00022	768.38	.00126
#2	.09097	.00022	.10161	.40944	.00027	771.62	.00123

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00448	.00061	.02086	.04608	3.3650	15.373	1.4149
SDev	.00034	.00032	.00023	.01121	.0102	.042	.0012
%RSD	7.4869	53.064	1.0913	24.317	.30298	.27146	.08829

#1	.00425	.00084	.02070	.03816	3.3722	15.343	1.4140
#2	.00472	.00038	.02102	.05401	3.3578	15.402	1.4158

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	H1119.4	.02033	-.00457	-.00050	-.00186	.00100
SDev	.00035	.4	.00012	.00070	.00113	.00099	.00077
%RSD	21.538	.03916	.60462	15.338	226.41	53.286	77.488

#1	.00136	H1119.1	.02042	-.00507	-.00130	-.00255	.00154
#2	.00185	H1119.7	.02025	-.00408	.00030	-.00116	.00045

Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00100	.00280	.00009	.00067	.00244	.00156	.01346
SDev	.00267	.00157	.00194	.00028	.00184	.00006	.00012
%RSD	266.85	56.215	2064.9	41.241	75.300	3.9562	.91165

#1	-.00289	.00169	.00147	.00047	.00375	.00160	.01337
#2	.00089	.00391	-.00128	.00086	.00114	.00151	.01354

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00043	-.00099
SDev	.00309	.00011
%RSD	724.86	11.203

#1	-.00261	-.00107
#2	.00176	-.00092

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3575	--	--	--	--	--	--
SDev	11.08376	--	--	--	--	--	--
%RSD	.3100168	--	--	--	--	--	--
#1	3583	--	--	--	--	--	--
#2	3567	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD836910 Operator: SW
 Run Time: 07/02/08 17:46:59
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.85461	.00191	.11204	.05475	-.00023	20.519	.00074
SDev	.00432	.00045	.00070	.00013	.00002	.052	.00019
%RSD	.50530	23.673	.62094	.22993	8.3738	.25359	25.484
#1	.85155	.00159	.11155	.05466	-.00025	20.482	.00061
#2	.85766	.00223	.11253	.05484	-.00022	20.556	.00087
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00158	.00234	.04122	.45068	6.1492	2.1529	.20595
SDev	.00031	.00022	.00127	.00989	.0240	.0001	.00025
%RSD	19.794	9.5637	3.0700	2.1946	.39016	.00406	.11931
#1	.00136	.00218	.04032	.44368	6.1662	2.1528	.20612
#2	.00180	.00249	.04211	.45767	6.1323	2.1530	.20577
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	H1126.9	.00752	.00947	.01454	.01285	.00203
SDev	.00005	.1	.00035	.00112	.00335	.00186	.00187
%RSD	12.241	.00737	4.6730	11.860	23.025	14.467	91.762
#1	.00038	H1126.8	.00727	.01026	.01217	.01154	.00335
#2	.00045	H1127.0	.00777	.00867	.01691	.01416	.00071
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00185	-.00234	.00422	.00007	.00009	.00098	.93530
SDev	.00146	.01000	.00220	.00023	.00041	.00089	.00282
%RSD	79.255	426.71	52.032	321.16	436.60	91.296	.30121
#1	.00081	.00473	.00267	-.00009	-.00020	.00035	.93729
#2	.00288	-.00941	.00578	.00024	.00039	.00161	.93331
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00219	-.00044
SDev	.00047	.00031
%RSD	21.326	70.769

#1	.00252	-.00066
#2	.00186	-.00022

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3750	--	--	--	--	--	--
SDev	14.63707	--	--	--	--	--	--
%RSD	.3902986	--	--	--	--	--	--
#1	3761	--	--	--	--	--	--
#2	3740	--	--	--	--	--	--

Analysis Report

QC Standard

07/02/08 06:00:41 PM

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Method: TRACE2 Sample Name: CCV

Operator: SW

Run Time: 07/02/08 17:55:21

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.685	.48324	.48056	.49807	.49447	24.887	.48912
SDev	.126	.00024	.00224	.00350	.00280	.159	.00021
%RSD	.51076	.04896	.46665	.70306	.56528	.63861	.04327
#1	24.596	.48307	.47897	.49559	.49250	24.774	.48927
#2	24.774	.48340	.48214	.50055	.49645	24.999	.48897
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48949	.51292	.49162	24.798	24.508	24.721	.50417
SDev	.00028	.00024	.00241	.005	.082	.005	.00032
%RSD	.05612	.04785	.48924	.02158	.33509	.02134	.06406
#1	.48968	.51275	.48992	24.802	24.450	24.718	.50440
#2	.48929	.51310	.49332	24.794	24.566	24.725	.50394
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49241	24.522	.49260	.50134	.50164	.50154	.49189
SDev	.00335	.083	.00304	.00270	.00312	.00298	.00133
%RSD	.68123	.33889	.61728	.53966	.62209	.59465	.27016
#1	.49004	24.464	.49045	.49942	.49943	.49943	.49095
#2	.49478	24.581	.49475	.50325	.50384	.50365	.49283
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49926	.49248	.49161	.51570	.49487	.50239	.49569
SDev	.00284	.00089	.00155	.00345	.00842	.00016	.00028
%RSD	.56821	.17971	.31547	.66862	1.7022	.03175	.05652
#1	.50126	.49186	.49051	.51326	.48892	.50228	.49589
#2	.49725	.49311	.49270	.51814	.50083	.50250	.49549
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.49217	.48573
SDev	.00251	.00079
%RSD	.50966	.16301

#1	.49039	.48517
#2	.49394	.48629

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3823	--	--	--	--	--	--
SDev	8.326286	--	--	--	--	--	--
%RSD	.2177810	--	--	--	--	--	--
#1	3829	--	--	--	--	--	--
#2	3817	--	--	--	--	--	--

Analysis Report

Blank Sample

07/02/08 06:06:06 PM

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Method: TRACE2 Sample Name: CCB

Operator: SW

Run Time: 07/02/08 18:00:45

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00648	.00286	.00268	.00011	-.00007	-.00226	.00005
SDev	.00055	.00025	.00065	.00003	.00000	.00039	.00003
%RSD	8.4441	8.6003	24.226	23.314	6.9093	17.120	58.648
#1	.00609	.00268	.00222	.00013	-.00007	-.00253	.00007
#2	.00686	.00303	.00314	.00010	-.00007	-.00199	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00011	.00039	.00003	-.00187	.00999	-.00070	.00005
SDev	.00018	.00021	.00027	.00093	.02446	.00059	.00013
%RSD	164.54	54.888	1084.1	49.638	244.74	84.948	262.46
#1	.00002	.00024	-.00017	-.00121	.02729	-.00028	-.00004
#2	-.00023	.00053	.00022	-.00252	-.00730	-.00112	.00014
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00111	-.01722	.00033	-.00179	-.00026	-.00077	.00037
SDev	.00019	.14578	.00038	.00100	.00037	.00058	.00063
%RSD	17.395	846.56	117.47	55.634	143.44	75.232	168.86
#1	.00097	-.12030	.00006	-.00249	-.00052	-.00118	.00082
#2	.00124	.08586	.00060	-.00109	.00000	-.00036	-.00007
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00126	-.00084	.00098	.00025	.00245	-.00001	-.00017
SDev	.00543	.00030	.00080	.00031	.00012	.00025	.00029
%RSD	432.28	36.016	81.460	123.70	4.8246	4914.3	166.77
#1	-.00258	-.00062	.00154	.00047	.00237	-.00018	-.00037
#2	.00509	-.00105	.00042	.00003	.00254	.00017	.00003
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Analysis Report

Blank Sample

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Units	ppm	ppm
Avge	-.00204	-.00034
SDev	.00075	.00026
%RSD	36.949	74.833

#1	-.00150	-.00052
#2	-.00257	-.00016

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3793	--	--	--	--	--	--
SDev	11.72043	--	--	--	--	--	--
%RSD	.3089640	--	--	--	--	--	--
#1	3785	--	--	--	--	--	--
#2	3802	--	--	--	--	--	--

TestAmerica Buffalo

Analyst: AHPrimary Review: TWS Date: 7/18/08 Secondary Review: AH Date: 7/18/08

Spikes: 4-MDL-9, 11-MDL-14, 11-176-E, 12-030-F, 1-MDL-12

Pipettes: 05-21-08-(1-13)

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	STD BLK <u>12-029-A</u>	A071708	TRACE2	07/17/08	10:30	X	IR	
2	STD 1 <u>12-035-C</u>	A071708	TRACE2	07/17/08	10:35	X	IR	
3	STD 2 <u>12-035-D</u>	A071708	TRACE2	07/17/08	10:40	X	IR	
4	STD 3 <u>12-035-B</u>	A071708	TRACE2	07/17/08	10:45	X	IR	
5	STD 3 VER <u>1</u>	A071708	TRACE2	07/17/08	10:51	AH	B	CONC
6	ICV <u>12-037-E</u>	A071708	TRACE2	07/17/08	10:56	AH	Q	CONC
7	ICB <u>12-029-A</u>	A071708	TRACE2	07/17/08	11:02	AH	B	CONC
8	CRI <u>12-032-A</u>	A071708	TRACE2	07/17/08	11:07	AH	B	CONC
9	ICSA <u>12-030-B</u>	A071708	TRACE2	07/17/08	11:12	AH	Q	CONC
10	ICSAB <u>12-030-C</u>	A071708	TRACE2	07/17/08	11:18	AH	Q	CONC
11	CCV <u>12-037-F</u>	A071708	TRACE2	07/17/08	11:25	AH	Q	CONC
12	CCB <u>12-029-A</u>	A071708	TRACE2	07/17/08	11:30	AH	B	CONC
13	AD839710/(1:50) <u>8345</u>	A071708	TRACE2	07/17/08	11:43	AH	S	CONC
14	AD839713/(1:100)	A071708	TRACE2	07/17/08	11:50	AH	S	CONC
15	AD839644/PB	A071708	TRACE2	07/17/08	11:59	AH	S	CONC
16	AD839643/FB	A071708	TRACE2	07/17/08	12:04	AH	S	CONC
17	AD839642 <u>8446</u>	A071708	TRACE2	07/17/08	12:09	AH	S	CONC
18	CRI	A071708	TRACE2	07/17/08	12:19	AH	B	CONC
19	ICSA	A071708	TRACE2	07/17/08	12:25	AH	Q	CONC
20	ICSAB	A071708	TRACE2	07/17/08	12:30	AH	Q	CONC
21	CCV	A071708	TRACE2	07/17/08	12:37	AH	Q	CONC
22	CCB	A071708	TRACE2	07/17/08	12:42	AH	B	CONC
23	AD839709/PB	A071708	TRACE2	07/17/08	12:48	AH	S	CONC
24	AD839708/FB	A071708	TRACE2	07/17/08	12:53	AH	S	CONC
25	AD839688 <u>8467</u>	A071708	TRACE2	07/17/08	12:59	AH	S	CONC
26	AD839689	A071708	TRACE2	07/17/08	13:05	AH	S	CONC
27	AD839690	A071708	TRACE2	07/17/08	13:10	AH	S	CONC
28	AD839691	A071708	TRACE2	07/17/08	13:16	AH	S	CONC
29	AD839692	A071708	TRACE2	07/17/08	13:21	AH	S	CONC
30	AD839693	A071708	TRACE2	07/17/08	13:26	AH	S	CONC
31	AD839694	A071708	TRACE2	07/17/08	13:32	AH	S	CONC
32	AD839695	A071708	TRACE2	07/17/08	13:37	AH	S	CONC
33	CCV	A071708	TRACE2	07/17/08	13:44	AH	Q	CONC
34	CCB	A071708	TRACE2	07/17/08	13:49	AH	B	CONC
35	AD839696	A071708	TRACE2	07/17/08	13:55	AH	S	CONC
36	AD839697	A071708	TRACE2	07/17/08	14:00	AH	S	CONC
37	AD839698	A071708	TRACE2	07/17/08	14:06	AH	S	CONC
38	AD839699	A071708	TRACE2	07/17/08	14:11	AH	S	CONC
39	AD839700	A071708	TRACE2	07/17/08	14:16	AH	S	CONC
40	AD839701	A071708	TRACE2	07/17/08	14:22	AH	S	CONC
41	AD839702	A071708	TRACE2	07/17/08	14:27	AH	S	CONC
42	AD839702/L (1:5)	A071708	TRACE2	07/17/08	14:33	AH	S	CONC
43	AD839702/PS	A071708	TRACE2	07/17/08	14:38	AH	S	CONC
44	AD839703/MS	A071708	TRACE2	07/17/08	14:43	AH	S	CONC
45	CCV	A071708	TRACE2	07/17/08	14:50	AH	Q	CONC
46	CCB	A071708	TRACE2	07/17/08	14:56	AH	B	CONC
47	AD839704/SD	A071708	TRACE2	07/17/08	15:06	AH	S	CONC
48	AD839705	A071708	TRACE2	07/17/08	15:45	AH	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
49	AD839706 8467	A071708	TRACE2	07/17/08	15:51	AH	S	CONC
50	AD839707	A071708	TRACE2	07/17/08	15:57	AH	S	CONC
51	AD839952/PB	A071708	TRACE2	07/17/08	16:03	AH	S	CONC
52	AD839951/CLPSL	A071708	TRACE2	07/17/08	16:08	AH	S	CONC
53	AD839932 8523	A071708	TRACE2	07/17/08	16:14	AH	S	CONC
54	AD839933	A071708	TRACE2	07/17/08	16:19	AH	S	CONC
55	AD839934	A071708	TRACE2	07/17/08	16:24	AH	S	CONC
56	AD839934/L (1:5)	A071708	TRACE2	07/17/08	16:30	AH	S	CONC
57	CCV	A071708	TRACE2	07/17/08	16:37	AH	Q	CONC
58	CCB	A071708	TRACE2	07/17/08	16:42	AH	B	CONC
59	AD839934/PS	A071708	TRACE2	07/17/08	16:47	AH	S	CONC
60	AD839935/MS	A071708	TRACE2	07/17/08	16:53	AH	S	CONC
61	AD839936/SD	A071708	TRACE2	07/17/08	16:58	AH	S	CONC
62	AD839937	A071708	TRACE2	07/17/08	17:04	AH	S	CONC
63	AD839938	A071708	TRACE2	07/17/08	17:09	AH	S	CONC
64	AD839939	A071708	TRACE2	07/17/08	17:14	AH	S	CONC
65	AD839940	A071708	TRACE2	07/17/08	17:20	AH	S	CONC
66	AD839941	A071708	TRACE2	07/17/08	17:25	AH	S	CONC
67	AD839942	A071708	TRACE2	07/17/08	17:31	AH	S	CONC
68	AD839943	A071708	TRACE2	07/17/08	17:36	AH	S	CONC
69	CCV	A071708	TRACE2	07/17/08	17:43	AH	Q	CONC
70	CCB	A071708	TRACE2	07/17/08	17:48	AH	B	CONC
71	AD839944	A071708	TRACE2	07/17/08	17:54	AH	S	CONC
72	AD839945	A071708	TRACE2	07/17/08	17:59	AH	S	CONC
73	AD839946	A071708	TRACE2	07/17/08	18:05	AH	S	CONC
74	AD839947	A071708	TRACE2	07/17/08	18:10	AH	S	CONC
75	AD839948	A071708	TRACE2	07/17/08	18:15	AH	S	CONC
76	AD839949	A071708	TRACE2	07/17/08	18:21	AH	S	CONC
77	AD839950	A071708	TRACE2	07/17/08	18:26	AH	S	CONC
78	CRI	A071708	TRACE2	07/17/08	18:37	AH	B	CONC
79	ICSA	A071708	TRACE2	07/17/08	18:43	AH	Q	CONC
80	ICSAB	A071708	TRACE2	07/17/08	18:48	AH	Q	CONC
81	CCV	A071708	TRACE2	07/17/08	18:55	AH	Q	CONC
82	CCB	A071708	TRACE2	07/17/08	19:01	AH	B	CONC
83	STD BLK	A071708	TRACE2	07/17/08	19:17		X	IR
84	STD 1	A071708	TRACE2	07/17/08	19:22		X	IR
85	STD 2	A071708	TRACE2	07/17/08	19:27		X	IR
86	STD 3	A071708	TRACE2	07/17/08	19:32		X	IR
87	STD 3 VER	A071708	TRACE2	07/17/08	19:38	AH	B	CONC
88	ICV	A071708	TRACE2	07/17/08	19:43	AH	Q	CONC
89	ICB	A071708	TRACE2	07/17/08	19:49	AH	B	CONC
90	CRI	A071708	TRACE2	07/17/08	19:54	AH	B	CONC
91	ICSA	A071708	TRACE2	07/17/08	19:59	AH	Q	CONC
92	ICSAB	A071708	TRACE2	07/17/08	20:05	AH	Q	CONC
93	CCV	A071708	TRACE2	07/17/08	20:12	AH	Q	CONC
94	CCB	A071708	TRACE2	07/17/08	20:17	AH	B	CONC
95	A8808701/TOT 8087	A071708	TRACE2	07/17/08	20:22	AH	S	CONC
96	AD839931/PB	A071708	TRACE2	07/17/08	20:31	AH	S	CONC
97	AD839930/CLPSL	A071708	TRACE2	07/17/08	20:36	AH	S	CONC
98	AD839917 8484	A071708	TRACE2	07/17/08	20:42	AH	S	CONC
99	AD839918	A071708	TRACE2	07/17/08	20:47	AH	S	CONC
100	AD839919 8514	A071708	TRACE2	07/17/08	20:52	AH	S	CONC
101	AD839920	A071708	TRACE2	07/17/08	20:58	AH	S	CONC
102	AD839921	A071708	TRACE2	07/17/08	21:03	AH	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
103	AD839921/L (1:5) 8514	A071708	TRACE2	07/17/08	21:09	AH	S	CONC
104	AD839921/PS	A071708	TRACE2	07/17/08	21:14	AH	S	CONC
105	CCV	A071708	TRACE2	07/17/08	21:21	AH	Q	CONC
106	CCB	A071708	TRACE2	07/17/08	21:26	AH	B	CONC
107	AD839922/MS	A071708	TRACE2	07/17/08	21:32	AH	S	CONC
108	AD839923/SD	A071708	TRACE2	07/17/08	21:37	AH	S	CONC
109	AD839924	A071708	TRACE2	07/17/08	21:43	AH	S	CONC
110	AD839925	A071708	TRACE2	07/17/08	21:48	AH	S	CONC
111	AD839926 8519	A071708	TRACE2	07/17/08	21:53	AH	S	CONC
112	AD839927	A071708	TRACE2	07/17/08	21:59	AH	S	CONC
113	AD839928	A071708	TRACE2	07/17/08	22:04	AH	S	CONC
114	AD839929	A071708	TRACE2	07/17/08	22:10	AH	S	CONC
115	AD839878/PB	A071708	TRACE2	07/17/08	22:15	AH	S	CONC
116	AD839877/FB	A071708	TRACE2	07/17/08	22:20	AH	S	CONC
117	CCV	A071708	TRACE2	07/17/08	22:27	AH	Q	CONC
118	CCB	A071708	TRACE2	07/17/08	22:33	AH	B	CONC
119	AD839861 8447	A071708	TRACE2	07/17/08	22:38	AH	S	CONC
120	AD839862	A071708	TRACE2	07/17/08	22:44	AH	S	CONC
121	AD839863 8489	A071708	TRACE2	07/17/08	22:49	AH	S	CONC
122	AD839864 8492	A071708	TRACE2	07/17/08	22:54	AH	S	CONC
123	AD839865	A071708	TRACE2	07/17/08	23:00	AH	S	CONC
124	AD839866	A071708	TRACE2	07/17/08	23:05	AH	S	CONC
125	AD839867 8503	A071708	TRACE2	07/17/08	23:11	AH	S	CONC
126	AD839868	A071708	TRACE2	07/17/08	23:16	AH	S	CONC
127	AD839869	A071708	TRACE2	07/17/08	23:21	AH	S	CONC
128	AD839869/L (1:5)	A071708	TRACE2	07/17/08	23:27	AH	S	CONC
129	CCV	A071708	TRACE2	07/17/08	23:34	AH	Q	CONC
130	CCB	A071708	TRACE2	07/17/08	23:39	AH	B	CONC
131	AD839869/PS	A071708	TRACE2	07/17/08	23:45	AH	S	CONC
132	AD839870/MS	A071708	TRACE2	07/17/08	23:50	AH	S	CONC
133	AD839871/SD	A071708	TRACE2	07/17/08	23:55	AH	S	CONC
134	AD839872	A071708	TRACE2	07/18/08	00:01	AH	S	CONC
135	AD839873	A071708	TRACE2	07/18/08	00:06	AH	S	CONC
136	AD839874	A071708	TRACE2	07/18/08	00:12	AH	S	CONC
137	AD839875	A071708	TRACE2	07/18/08	00:17	AH	S	CONC
138	AD839876	A071708	TRACE2	07/18/08	00:23	AH	S	CONC
139	AD839904/PB	A071708	TRACE2	07/18/08	00:28	AH	S	CONC
140	AD839903/FB	A071708	TRACE2	07/18/08	00:33	AH	S	CONC
141	CCV	A071708	TRACE2	07/18/08	00:40	AH	Q	CONC
142	CCB	A071708	TRACE2	07/18/08	00:46	AH	B	CONC
143	AD839887 8386	A071708	TRACE2	07/18/08	00:51	AH	S	CONC
144	AD839887/L (1:5)	A071708	TRACE2	07/18/08	00:57	AH	S	CONC
145	AD839887/PS	A071708	TRACE2	07/18/08	01:02	AH	S	CONC
146	AD839888/MS	A071708	TRACE2	07/18/08	01:07	AH	S	CONC
147	AD839889/SD	A071708	TRACE2	07/18/08	01:13	AH	S	CONC
148	AD839890	A071708	TRACE2	07/18/08	01:18	AH	S	CONC
149	AD839891	A071708	TRACE2	07/18/08	01:24	AH	S	CONC
150	AD839892	A071708	TRACE2	07/18/08	01:29	AH	S	CONC
151	AD839893	A071708	TRACE2	07/18/08	01:34	AH	S	CONC
152	AD839894 8452	A071708	TRACE2	07/18/08	01:40	AH	S	CONC
153	CCV	A071708	TRACE2	07/18/08	01:47	AH	Q	CONC
154	CCB	A071708	TRACE2	07/18/08	01:52	AH	B	CONC
155	AD839895	A071708	TRACE2	07/18/08	01:58	AH	S	CONC
156	AD839896	A071708	TRACE2	07/18/08	02:03	AH	S	CONC

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
157	AD839897 8452	A071708	TRACE2	07/18/08	02:09	AH	S	CONC
158	AD839898 8502	A071708	TRACE2	07/18/08	02:14	AH	S	CONC
159	AD839899	A071708	TRACE2	07/18/08	02:19	AH	S	CONC
160	AD839900	A071708	TRACE2	07/18/08	02:25	AH	S	CONC
161	AD839901	A071708	TRACE2	07/18/08	02:30	AH	S	CONC
162	AD839902	A071708	TRACE2	07/18/08	02:36	AH	S	CONC
163	CCV	A071708	TRACE2	07/18/08	02:43	AH	Q	CONC
164	CCB	A071708	TRACE2	07/18/08	02:48	AH	B	CONC
165	STD BLK	A071708	TRACE2	07/18/08	03:04		X	IR
166	STD 1	A071708	TRACE2	07/18/08	03:10		X	IR
167	STD 2	A071708	TRACE2	07/18/08	03:15		X	IR
168	STD 3	A071708	TRACE2	07/18/08	03:20		X	IR
169	STD 3 VER	A071708	TRACE2	07/18/08	03:25	AH	B	CONC
170	ICV	A071708	TRACE2	07/18/08	03:31	AH	Q	CONC
171	ICB	A071708	TRACE2	07/18/08	03:36	AH	B	CONC
172	CRI	A071708	TRACE2	07/18/08	03:41	AH	B	CONC
173	ICSA	A071708	TRACE2	07/18/08	03:47	AH	Q	CONC
174	ICSAB	A071708	TRACE2	07/18/08	03:52	AH	Q	CONC
175	CCV	A071708	TRACE2	07/18/08	03:59	AH	Q	CONC
176	CCB	A071708	TRACE2	07/18/08	04:04	AH	B	CONC
177	AD839976/PB	A071708	TRACE2	07/18/08	04:10	AH	S	CONC
178	AD839975/FB	A071708	TRACE2	07/18/08	04:15	AH	S	CONC
179	AD839953 8496	A071708	TRACE2	07/18/08	04:21	AH	S	CONC
180	AD839954 8503	A071708	TRACE2	07/18/08	04:26	AH	S	CONC
181	AD839955	A071708	TRACE2	07/18/08	04:32	AH	S	CONC
182	AD839956	A071708	TRACE2	07/18/08	04:37	AH	S	CONC
183	AD839956/L (1:5)	A071708	TRACE2	07/18/08	04:42	AH	S	CONC
184	AD839956/PS	A071708	TRACE2	07/18/08	04:48	AH	S	CONC
185	AD839957/MS	A071708	TRACE2	07/18/08	04:53	AH	S	CONC
186	AD839958/SD	A071708	TRACE2	07/18/08	04:59	AH	S	CONC
187	CCV	A071708	TRACE2	07/18/08	05:06	AH	Q	CONC
188	CCB	A071708	TRACE2	07/18/08	05:11	AH	B	CONC
189	AD839959	A071708	TRACE2	07/18/08	05:17	AH	S	CONC
190	AD839960	A071708	TRACE2	07/18/08	05:22	AH	S	CONC
191	AD839961	A071708	TRACE2	07/18/08	05:27	AH	S	CONC
192	AD839962	A071708	TRACE2	07/18/08	05:33	AH	S	CONC
193	AD839963	A071708	TRACE2	07/18/08	05:38	AH	S	CONC
194	AD839964 8509	A071708	TRACE2	07/18/08	05:44	AH	S	CONC
195	AD839965	A071708	TRACE2	07/18/08	05:49	AH	S	CONC
196	AD839966	A071708	TRACE2	07/18/08	05:55	AH	S	CONC
197	AD839967	A071708	TRACE2	07/18/08	06:00	AH	S	CONC
198	AD839968	A071708	TRACE2	07/18/08	06:05	AH	S	CONC
199	CCV	A071708	TRACE2	07/18/08	06:12	AH	Q	CONC
200	CCB	A071708	TRACE2	07/18/08	06:18	AH	B	CONC
201	AD839969 8511	A071708	TRACE2	07/18/08	06:23	AH	S	CONC
202	AD839970	A071708	TRACE2	07/18/08	06:29	AH	S	CONC
203	AD839971	A071708	TRACE2	07/18/08	06:34	AH	S	CONC
204	AD839972	A071708	TRACE2	07/18/08	06:40	AH	S	CONC
205	AD839973	A071708	TRACE2	07/18/08	06:45	AH	S	CONC
206	AD839974	A071708	TRACE2	07/18/08	06:50	AH	S	CONC
207	CCV	A071708	TRACE2	07/18/08	06:57	AH	Q	CONC
208	CCB	A071708	TRACE2	07/18/08	07:03	AH	B	CONC

#	Element	STD BLK	STD 1	STD 2	STD 3	STD' VER	ICV
1	Al3082	.05124	8.50438	42.3529	85.1632	50.625	19.192
2	As1890	.00448	.64249	3.23901	6.53528	1.0277	.37419
3	B_2496	.01546	1.43104	7.04411	14.1134	1.0064	.37852
4	Ba4934	-.00108	4.41842	21.9265	44.2144	1.0133	.38432
5	Be3130	.25501	7.84957	38.3945	75.8596	1.0018	.37863
6	Ca3179	.01335			65.2686	50.492	18.904
7	Cd2265	-.01501	12.3344	60.912	121.204	.99919	.37473
8	Co2286	-.0018	.7107	3.56151	7.10976	1.0051	.37258
9	Cr2677	.00265	2.00587	10.0424	19.86	.99919	.38620
10	Cu3247	.02237	.92717	4.56258	9.10612	1.0086	.37151
11	Fe2714	.00037	1.97082	9.81368	19.4941	49.976	18.700
12	K_7664	-.08929			71.3042	50.438	19.309
13	Mg2790	-.00059			119.913	50.196	18.720
14	Mn2576	.00132	1.4143	7.04001	14.0064	1.0005	.37998
15	Mo2020	.00408	1.17326	5.89246	11.8069	1.0127	.37683
16	Na3302	.0036			3.14055	50.688	18.792
17	Ni2316	-.05344	5.21959	26.5793	52.4391	1.0022	.38142
18	2203/1	-.00924	1.58848	7.8474	15.5438	.99885	.37560
19	2203/2	.00249	1.56909	7.78308	15.6028	1.0147	.38705
20	Sb2068	.00313	.39877	1.93973	3.91265	1.0123	.37399
21	1960/1	-.01535	.43798	2.25866	4.456	.99750	.38152
22	1960/2	.03652	.80598	3.85244	7.76151	1.0203	.39159
23	Ti3372	.07355	5.46509	26.8319	54.0896	1.0133	.39007
24	Tl1908	-.01068	.44117	2.186	4.43529	1.0121	.38498
25	V_2924	.00084	.29909	1.48457	2.98646	1.0086	.37361
26	Zn2062	.00204	.24561	1.20836	2.40145	.99983	.38095
27	Sn1899	-.01215	2.07658	10.4649	20.9423	1.0068	.37975
28	Ag3280	-.00207	1.61655	8.08475	16.2154	1.0068	Q.35533
29	*Y	4156.8	4150.8	4143.6	4127.29	4111.24	4146.64
30	PB2203					1.0094	.38323
31	SE1960					1.0127	.38823

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
1	Al3082	.00475	.20904	514.94	518.42	25.447	.04368
2	As1890	-.00003	.01270	-.00148	.10015	.49887	-.00092
3	B_2496	.00081	.02209	.00145	.01626	.50113	.00069
4	Ba4934	.00008	.00227	.00093	.52459	.50968	.00022
5	Be3130	.00008	.00207	.00094	.50571	.50269	.00011
6	Ca3179	.00613	.48100	491.98	495.46	25.178	.03988
7	Cd2265	.00012	.00110	.00036	.97150	.49704	.00022
8	Co2286	-.00027	.00402	.00045	.48368	.49472	-.00005
9	Cr2677	.00040	.00459	-.00010	.50991	.51434	.00043
10	Cu3247	-.00020	.00979	.00004	.50950	.49373	.00001
11	Fe2714	.00373	.05098	192.12	97.683	24.869	.01570
12	K_7664	.00533	.48241	-.00083	.00891	25.688	.00690
13	Mg2790	.00366	.19786	505.52	500.67	24.828	.04800
14	Mn2576	.00009	.00324	.00182	.48629	.50542	.00013
15	Mo2020	.00105	.01036	.00122	.00054	.49825	.00162
16	Na3302	-.04957	1.1555	-.26694	-.04709	25.166	-.05031
17	Ni2316	-.00030	.01001	.00036	.94727	.50567	.00008
18	2203/1	.00223	.00704	-.00440	.04738	.50168	.00400

#	Element	ICB	CRI	ICSA	ICSAB	CCV	CCB
19	2203/2	.00125	.00443	.00209	.05461	.51262	-.00086
20	Sb2068	.00170	.02037	.00025	.63213	.49545	.00278
21	1960/1	.00246	.01939	-.01201	.04369	.50243	-.00103
22	1960/2	-.00078	.01188	-.01485	.04816	.51796	-.00373
23	Ti3372	.00021	.00510	.00116	.00322	.51856	.00038
24	Tl1908	-.00101	.02307	-.01236	.09232	.51580	-.00141
25	V_2924	.00004	.00599	-.00056	.50217	.49690	.00004
26	Zn2062	.00004	.01157	-.00261	.95697	.50460	-.00005
27	Sn1899	.00055	.01088	.00010	.00060	.50319	.00046
28	Ag3280	.00016	.00346	.00016	.21650	.47511	.00050
29	*Y	4145.4	4150.65	3909.11	3903.56	4121.1	4152.98
30	PB2203	.00158	.00530	-.00007	.05221	.50898	.00075
31	SE1960	.00029	.01438	-.01390	.04667	.51278	-.00283

#	Element	AD8':50)	AD8'100)	AD8'4/PB	AD8'3/FB	AD839642	CRI
1	Al3082	.01599	.01652	.02949	10.245	.03566	.20924
2	As1890	13.501	6.5453	-.00123	.20432	.00105	.01055
3	B_2496	.22356	.10684	.00529	.20761	.07079	.02136
4	Ba4934	.00105	.00060	.00007	.20540	.12733	.00215
5	Be3130	.00004	.00003	-.00005	.20308	.00000	.00202
6	Ca3179	.82390	.41102	.05773	10.166	73.462	.47710
7	Cd2265	.00017	.00015	.00009	.20330	.00014	.00103
8	Co2286	.00103	.00013	-.00018	.19527	.00040	.00393
9	Cr2677	.00912	.00436	.00043	.20252	.00046	.00423
10	Cu3247	.00110	.00036	-.00015	.20177	.00221	.00914
11	Fe2714	.04666	.03447	.01096	10.170	1.1181	.04751
12	K_7664	70.539	33.238	.00933	10.417	5.0571	.47784
13	Mg2790	.78153	.38407	.00293	10.032	18.255	.19485
14	Mn2576	.00197	.00104	.00033	.20379	.19715	.00318
15	Mo2020	.07246	.03477	.00000	.20950	.00519	.01102
16	Na3302	H755.93	399.41	-.11303	10.215	23.271	1.1214
17	Ni2316	.02265	.01056	-.00004	.20429	.00514	.00990
18	2203/1	.01542	.00552	.00002	.20002	.00391	.00674
19	2203/2	.01120	.00654	-.00007	.20707	.00516	.00414
20	Sb2068	.04726	.01918	.00254	.20399	.00000	.01754
21	1960/1	.00933	.00577	.00349	.20220	-.00372	.00974
22	1960/2	.00942	-.00004	-.00495	.20755	-.00020	.01309
23	Ti3372	.00136	.00051	.00004	.20496	.00016	.00506
24	Tl1908	.00019	.00073	-.00164	.20389	.00124	.02071
25	V_2924	.00459	.00231	.00019	.20490	.00063	.00533
26	Zn2062	.00979	.00517	.00091	.21042	.02144	.01155
27	Sn1899	.00390	.00019	.00097	.20745	.00130	.00962
28	Ag3280	.00060	-.00016	.00043	.05218	-.00009	.00333
29	*Y	3967.35	4038.6	4197.38	4211.66	4170.04	4159.69
30	PB2203	.01260	.00620	-.00004	.20472	.00475	.00501
31	SE1960	.00939	.00189	-.00213	.20577	-.00138	.01198

#	Element	ICSA	ICSAB	CCV	CCB	AD8'9/PB	AD8'8/FB
1	Al3082	515.86	513.96	25.335	.05307	.04208	10.242
2	As1890	.00108	.09994	.49981	-.00194	-.00192	.20319
3	B_2496	.00201	.01538	.49823	.00058	.00507	.20589
4	Ba4934	.00097	.52415	.50839	.00011	.00010	.20738
5	Be3130	.00094	.50235	.50142	.00012	.00001	.20324
6	Ca3179	494.07	491.32	25.103	.04975	.06706	10.183
7	Cd2265	.00023	.96438	.49585	.00009	.00010	.20315
8	Co2286	.00075	.48059	.49367	-.00030	.00025	.19538
9	Cr2677	.00000	.50679	.51231	.00011	.00049	.20254
10	Cu3247	-.00026	.50612	.49264	-.00084	-.00061	.20276
11	Fe2714	192.11	97.106	24.809	.02098	.01439	10.174
12	K_7664	.00276	-.00123	25.578	.00321	-.00417	10.468
13	Mg2790	504.29	496.57	24.821	.06716	.02669	10.005
14	Mn2576	.00181	.48299	.50316	.00011	.00042	.20380
15	Mo2020	.00226	.00086	.49846	.00167	.00003	.20986
16	Na3302	-.14251	-.13593	25.119	-.02402	-.03303	10.422
17	Ni2316	.00062	.93850	.50322	-.00043	.00013	.20464
18	2203/1	-.00585	.04925	.50304	.00199	-.00118	.20313
19	2203/2	.00182	.05171	.51003	-.00171	.00054	.20815
20	Sb2068	.00092	.63071	.49784	.00124	.00171	.20304
21	1960/1	-.00483	.05081	.50581	.00534	.00164	.20016
22	1960/2	-.00863	.03593	.51713	-.00478	-.00241	.20714
23	Ti3372	.00118	.00289	.51848	.00013	.00038	.20667
24	Tl1908	-.00657	.09140	.50395	.00185	-.00061	.20550
25	V_2924	-.00011	.49841	.49796	.00044	.00035	.20604
26	Zn2062	-.00209	.94973	.50339	.00009	.00048	.21003
27	Sn1899	.00188	.00278	.50077	.00064	-.00073	.21057
28	Ag3280	.00083	.21503	.48170	.00066	.00026	.05254
29	*Y	3888.9	3899.36	4118.74	4142.62	4177.58	4175.48
30	PB2203	-.00073	.05089	.50770	-.00047	-.00003	.20648
31	SE1960	-.00736	.04089	.51335	-.00140	-.00105	.20481

#	Element	AD839688	AD839689	AD839690	AD839691	AD839692	AD839693
1	Al3082	2.5958	5.6425	.13213	.02304	.02640	.01796
2	As1890	.00523	.03194	.00306	-.00179	-.00032	.00329
3	B_2496	.08271	.20754	.08535	1.8530	1.9035	.18187
4	Ba4934	.07071	.06005	.02425	.91428	.93480	.05200
5	Be3130	.00015	.00030	.00010	.00018	.00017	.00005
6	Ca3179	161.75	186.07	163.04	279.47	284.59	124.53
7	Cd2265	.00000	-.00009	-.00009	-.00010	-.00010	-.00003
8	Co2286	.00250	.00394	.00023	.00001	-.00001	-.00027
9	Cr2677	.00545	.02836	.00029	.00062	.00029	.00051
10	Cu3247	.00407	.01300	.00028	-.00032	.00010	-.00062
11	Fe2714	4.0133	11.084	.72119	2.2495	2.1863	2.2634
12	K_7664	8.7326	5.9192	2.4220	23.939	24.936	2.9383
13	Mg2790	57.548	90.539	63.406	164.77	168.32	41.934
14	Mn2576	.23099	.19784	.13193	.11479	.11235	.09032
15	Mo2020	.02230	.02692	.03413	.00000	-.00034	.02146
16	Na3302	75.772	92.782	59.720	H780.60	H796.59	73.906
17	Ni2316	.00697	.02225	.00253	.00047	.00047	.00040
18	2203/1	.00353	.00876	.00391	.00080	.00000	.00207

#	Element	AD839688	AD839689	AD839690	AD839691	AD839692	AD839693
19	2203/2	.00283	.00361	-.00064	.00125	.00022	-.00142
20	Sb2068	-.00016	.00109	-.00234	.00029	-.00169	.00047
21	1960/1	-.00125	.00605	.01039	-.00269	-.00053	.00301
22	1960/2	-.00121	-.00539	-.00376	-.00078	-.00552	-.00243
23	Ti3372	.04407	.08716	.00206	-.00024	-.00023	.00004
24	Tl1908	.00075	-.00030	-.00029	-.00076	-.00247	.00054
25	V_2924	.00632	.01228	-.00010	-.00036	-.00049	-.00009
26	Zn2062	.01435	.02982	.00085	-.00292	L-.00328	-.00056
27	Sn1899	.00130	.00084	.00302	.00076	-.00075	.00202
28	Ag3280	.00014	.00004	.00042	.00037	-.00019	.00075
29	*Y	4102.76	4098.67	4088.51	3896.51	3895.35	4094.51
30	PB2203	.00306	.00533	.00087	.00110	.00014	-.00025
31	SE1960	-.00122	-.00157	.00095	-.00142	-.00386	-.00061

#	Element	AD839694	AD839695	CCV	CCB	AD839696	AD839697
1	Al3082	.01922	.02230	25.319	.03293	.04496	11.507
2	As1890	-.00101	-.00098	.50025	-.00131	-.00237	.05489
3	B_2496	.19358	.14421	.50088	.00099	.40081	.15638
4	Ba4934	.07236	.07723	.50941	.00013	.08898	.11729
5	Be3130	.00003	.00004	.49966	.00013	.00009	.00065
6	Ca3179	96.724	114.33	25.097	.02497	96.838	176.17
7	Cd2265	-.00010	-.00009	.49572	.00003	.00005	.00003
8	Co2286	-.00029	-.00042	.49365	-.00027	.00000	.00712
9	Cr2677	-.00011	.00019	.51137	.00026	.00109	.01642
10	Cu3247	-.00088	-.00064	.49155	-.00061	-.00069	.01616
11	Fe2714	1.1424	.61715	24.739	.01029	.53066	18.870
12	K_7664	2.6649	2.6460	25.617	-.00858	3.6151	6.2255
13	Mg2790	44.470	51.482	24.920	.02683	66.567	71.573
14	Mn2576	.05214	.03595	.50212	.00004	.02837	.40455
15	Mo2020	.03113	.00432	.49776	.00078	.00290	.07962
16	Na3302	71.850	60.730	25.113	-.02922	94.758	74.373
17	Ni2316	.00171	-.00007	.50152	.00017	.00050	.01920
18	2203/1	.00308	.00100	.50113	.00165	.00081	.00962
19	2203/2	-.00108	-.00223	.51488	-.00090	.00014	.00921
20	Sb2068	-.00067	-.00074	.49701	.00164	.00290	-.00057
21	1960/1	-.00050	.00302	.49894	.00143	.00069	-.00063
22	1960/2	-.00476	-.00167	.52865	-.00116	-.00127	-.00021
23	Ti3372	-.00011	.00015	.52099	.00045	-.00036	.15608
24	Tl1908	-.00115	.00226	.50646	-.00047	-.00011	-.00129
25	V_2924	-.00064	-.00037	.49894	.00024	-.00008	.02746
26	Zn2062	.00032	-.00066	.50460	-.00004	-.00074	.05260
27	Sn1899	.00013	.00037	.49903	.00038	.00133	-.00027
28	Ag3280	.00039	.00000	.48577	-.00004	.00065	.00025
29	*Y	4117.05	4135.12	4126.84	4112.96	4066.58	4122.26
30	PB2203	.00030	-.00115	.51030	-.00005	.00037	.00934
31	SE1960	-.00334	-.00010	.51874	-.00029	-.00061	-.00035

#	Element	AD839698	AD839699	AD839700	AD839701	AD839702	AD8'1:5)
1	Al3082	.26837	.02299	.04134	.80425	.53629	.12506
2	As1890	.03342	.00011	-.00078	.12783	.03643	.00509
3	B_2496	.07658	.00475	.31310	.13074	.44319	.08768
4	Ba4934	.02035	.00005	.32970	.03627	.55225	.11032
5	Be3130	.00041	.00012	.00011	.00017	.00018	.00009
6	Ca3179	583.96	.11335	60.181	208.77	158.31	31.357
7	Cd2265	-.00003	.00010	.00017	-.00004	-.00014	.00003
8	Co2286	.00898	-.00027	.00030	.00003	.00179	.00044
9	Cr2677	.00148	.00020	.00115	.00336	.00739	.00155
10	Cu3247	.00267	-.00002	.00000	.00224	-.00033	-.00077
11	Fe2714	7.8186	.00251	.58454	4.7041	12.850	2.5671
12	K_7664	4.7179	-.01484	2.8168	3.4350	8.5237	1.4354
13	Mg2790	202.41	.02264	32.257	64.630	78.754	15.402
14	Mn2576	1.1315	.00027	.05107	.23395	.15425	.03081
15	Mo2020	.00208	-.00075	.00829	.16813	.00134	.00035
16	Na3302	65.431	.05290	119.22	80.696	397.53	82.886
17	Ni2316	.02144	.00051	.00065	.00328	.00482	.00084
18	2203/1	-.00076	-.00143	-.00326	.00746	.00218	.00213
19	2203/2	.00130	.00120	.00153	-.00114	.00079	.00110
20	Sb2068	-.00114	.00022	.00142	-.00081	-.00250	-.00092
21	1960/1	.00069	.00235	-.00308	.00328	.00360	-.00434
22	1960/2	-.00186	.00084	.00042	-.00229	-.00139	-.00146
23	Ti3372	.00481	.00023	.00023	.01534	.01090	.00354
24	Tl1908	.00342	.00113	.00231	.00177	-.00360	.00001
25	V_2924	.00056	-.00016	.00057	.00160	.00265	.00016
26	Zn2062	.00783	.00064	.00063	.01998	.00096	.00021
27	Sn1899	.00031	-.00079	.00104	.00206	.00102	.00366
28	Ag3280	-.00018	-.00060	.00004	.00069	-.00032	.00021
29	*Y	3970.61	4139.55	4093.16	4098.86	4056.15	4130.1
30	PB2203	.00061	.00032	-.00006	.00171	.00125	.00144
31	SE1960	-.00101	.00134	-.00074	-.00043	.00027	-.00242

#	Element	AD8'2/PS	AD8'3/MS	CCV	CCB	AD8'4/SD	AD839705
1	Al3082	10.737	10.384	25.334	.03463	10.369	.39727
2	As1890	.24270	.24658	.50397	-.00153	.24286	.03462
3	B_2496	.63583	.71294	.50112	.00147	.68024	.45510
4	Ba4934	.74394	.80259	.50834	.00004	.78112	.56294
5	Be3130	.20398	.20209	.50177	.00010	.20095	.00014
6	Ca3179	163.25	175.36	25.210	.02526	169.55	157.61
7	Cd2265	.20152	.19904	.49911	.00021	.19721	.00001
8	Co2286	.20243	.19423	.49613	-.00010	.19244	.00181
9	Cr2677	.20826	.20413	.51312	.00041	.20304	.00675
10	Cu3247	.20270	.20320	.49095	-.00043	.20230	.00038
11	Fe2714	22.517	23.984	24.817	.01168	23.334	12.917
12	K_7664	20.281	21.425	25.587	-.00762	20.885	8.6597
13	Mg2790	86.272	93.547	25.154	.02581	89.950	78.580
14	Mn2576	.35115	.32060	.50315	.00012	.32013	.13736
15	Mo2020	.20927	.21111	.49858	.00130	.21054	.00062
16	Na3302	395.77	H436.11	25.003	-.03035	H421.63	H402.64
17	Ni2316	.20347	.20139	.50478	.00036	.19995	.00468
18	2203/1	.20087	.19837	.50425	-.00082	.20228	-.00042

#	Element	AD8'2/PS	AD8'3/MS	CCV	CCB	AD8'4/SD	AD839705
19	2203/2	.20518	.20220	.51521	.00060	.19900	.00161
20	Sb2068	.20776	.20568	.49681	.00348	.20636	.00161
21	1960/1	.20879	.20420	.50471	-.00400	.20519	-.00026
22	1960/2	.21291	.20743	.52014	.00017	.20392	-.00341
23	Ti3372	.21769	.20949	.52145	.00012	.21021	.00852
24	Tl1908	.20376	.20244	.51067	-.00037	.20204	-.00037
25	V_2924	.20917	.20788	.50122	.00028	.20617	.00214
26	Zn2062	.20076	.20274	.50869	-.00010	.20094	.00010
27	Sn1899	.20543	.20677	.50488	-.00011	.20649	-.00078
28	Ag3280	.05236	.05261	.49101	-.00009	.05401	.00036
29	*Y	4073.96	4082.59	4180.99	4159.88	4021.54	4010.59
30	PB2203	.20375	.20093	.51156	.00013	.20009	.00093
31	SE1960	.21154	.20636	.51499	-.00121	.20434	-.00236

#	Element	AD839706	AD839707	AD8'2/PB	AD8'LPSL	AD839932	AD839933
1	Al3082	.45639	.03091	.00802	66.731	22.998	41.782
2	As1890	.00142	.00015	-.00092	.80925	.00968	.00404
3	B_2496	5.5504	.00904	.00152	1.0817	.01715	.04935
4	Ba4934	.09780	.00129	.00014	4.0258	.32900	.23561
5	Be3130	.00009	-.00002	-.00001	.56713	.00142	.00438
6	Ca3179	88.319	.44384	.03613	69.353	11.355	22.773
7	Cd2265	.00003	.00003	-.00010	.58424	.00108	-.00014
8	Co2286	.00016	-.00013	-.00089	.68829	.01660	.02324
9	Cr2677	.00528	.00045	-.00025	.87192	.09038	.07378
10	Cu3247	-.00018	.00001	-.00093	.78985	.12110	.05672
11	Fe2714	.79478	.01424	-.00521	104.88	36.763	90.422
12	K_7664	31.450	.02536	.02823	24.962	1.9258	5.4380
13	Mg2790	56.882	.08558	.00383	25.690	6.3924	7.8037
14	Mn2576	.04028	.00173	.00020	2.5926	.44782	.72615
15	Mo2020	.00075	.00056	.00020	.53152	.00341	.00340
16	Na3302	H502.68	.37802	-.03453	4.3537	.85531	.89966
17	Ni2316	.00448	-.00001	-.00082	1.0848	.02787	.03910
18	2203/1	.00029	-.00038	.00486	.82598	.09862	.06008
19	2203/2	.00016	-.00003	-.00197	.83468	.09935	.05798
20	Sb2068	-.00139	.00017	.00005	.83817	-.00014	-.00183
21	1960/1	.00272	.00302	.00232	1.4690	.00036	.00294
22	1960/2	-.00175	-.00227	-.00288	1.5068	-.00007	-.00419
23	Ti3372	.00666	.00047	.00052	3.3511	1.7689	3.0445
24	Tl1908	-.00139	.00221	-.00084	1.2121	-.00035	-.00497
25	V_2924	.00045	.00000	-.00069	.90215	.07738	.10830
26	Zn2062	.00142	.01048	.00146	2.1128	.27362	.15271
27	Sn1899	-.00024	.00123	H.03294	1.0108	.03294	.03153
28	Ag3280	-.00008	-.00020	.00024	.73815	.00049	.00013
29	*Y	3989.21	4133.74	4108.91	4424.85	4208.25	4249.99
30	PB2203	.00020	-.00015	.00030	.83178	.09911	.05868
31	SE1960	-.00026	-.00051	-.00114	1.4942	.00007	-.00181

#	Element	AD839934	AD8'1:5)	CCV	CCB	AD8'4/PS	AD8'5/MS
1	Al3082	16.922	3.3738	25.448	.03471	35.604	35.406
2	As1890	.01425	.00190	.50414	-.00068	.41387	.39817
3	B_2496	.00860	.00428	.49721	.00040	.39143	.38397
4	Ba4934	.24654	.04867	.51291	.00014	.63719	.50878
5	Be3130	.00100	.00018	.50091	.00009	.39323	.38468
6	Ca3179	8.7735	1.7564	25.237	.02419	28.069	26.350
7	Cd2265	.00057	.00007	.49662	.00007	.39352	.38429
8	Co2286	.01406	.00243	.49518	-.00012	.40649	.38857
9	Cr2677	.03513	.00654	.51203	.00014	.42514	.41237
10	Cu3247	4.7851	.93909	.49175	-.00066	4.8415	.46873
11	Fe2714	54.300	10.607	24.717	.00530	69.489	67.043
12	K_7664	1.3112	.24090	25.673	.00324	21.744	21.402
13	Mg2790	6.6891	1.2895	25.183	.02484	26.031	28.362
14	Mn2576	1.2648	.24648	.50223	.00006	1.5557	1.4015
15	Mo2020	.00131	.00108	.49807	.00126	.39917	.39982
16	Na3302	.62510	.05427	25.296	.08183	20.307	19.906
17	Ni2316	.02064	.00389	.50331	.00026	.41118	.41531
18	2203/1	.05449	.01339	.50309	-.00159	.43884	.42042
19	2203/2	.05256	.01096	.51769	-.00099	.44825	.42719
20	Sb2068	-.00188	-.00186	.50542	.00091	.39804	.37847
21	1960/1	.00572	.00051	.50338	-.00017	.38997	.37719
22	1960/2	.00558	-.00273	.52229	-.00090	.40220	.38957
23	Ti3372	1.2375	.24777	.52356	.00043	1.5620	2.3210
24	Tl1908	-.00203	.00032	.50869	.00113	.39131	.38419
25	V_2924	.05661	.01098	.50345	.00020	.45218	.44333
26	Zn2062	.18930	.03678	.50683	.00015	.56930	.54291
27	Sn1899	.03260	.00716	.50262	-.00027	.42948	.41976
28	Ag3280	.00056	.00000	.50040	-.00002	.09805	.09828
29	*Y	4044.71	4151.25	4117.24	4123.16	4136.89	4153.5
30	PB2203	.05320	.01177	.51283	-.00119	.44511	.42494
31	SE1960	.00563	-.00165	.51598	-.00065	.39812	.38544

#	Element	AD8'6/SD	AD839937	AD839938	AD839939	AD839940	AD839941
1	Al3082	37.404	41.766	17.529	30.345	68.216	15.920
2	As1890	.41042	.00929	.01191	.00628	.01067	.00242
3	B_2496	.38591	.00888	.00838	.04307	.06642	.00509
4	Ba4934	.55565	.15339	.18007	.14316	.27348	.11936
5	Be3130	.38509	.00065	.00107	.00291	.00758	.00048
6	Ca3179	28.577	9.2080	7.0258	7.8796	20.813	3.9309
7	Cd2265	.38524	.00040	-.00002	.00023	-.00079	.00016
8	Co2286	.38833	.00499	.01237	.02199	.03651	.01003
9	Cr2677	.41099	.07972	.04822	.05074	.13977	.03436
10	Cu3247	.42675	.10156	.60422	.07547	.05798	.03179
11	Fe2714	90.064	15.002	57.907	39.765	146.18	22.134
12	K_7664	21.609	.76093	2.0079	3.5350	6.3336	.87296
13	Mg2790	27.482	3.0603	8.1485	13.855	10.002	3.6897
14	Mn2576	2.0129	.16988	1.3931	.41567	1.0103	.50634
15	Mo2020	.39970	.00330	.00103	.00176	.00462	-.00002
16	Na3302	20.119	.24391	.38169	.53916	1.2863	.26874
17	Ni2316	.40409	.00973	.02135	.04581	.07826	.02053
18	2203/1	.42311	.07261	.04718	.16012	.04822	.03957

#	Element	AD8'6/SD	AD839937	AD839938	AD839939	AD839940	AD839941
19	2203/2	.43689	.07313	.04545	.16242	.04302	.03939
20	Sb2068	.37602	.00017	.00002	-.00112	-.00081	-.00197
21	1960/1	.37521	.00336	.00339	.00058	.00437	-.00054
22	1960/2	.39069	-.00145	-.00343	-.00291	-.00855	-.00279
23	Ti3372	1.3564	.86383	1.1875	1.9351	3.6908	1.2655
24	Tl1908	.38735	.00026	-.00397	.00163	-.00452	-.00251
25	V_2924	.45941	.04126	.04464	.06851	.11922	.04056
26	Zn2062	.55565	.12758	.13715	.26744	.14235	.11617
27	Sn1899	.42194	.03192	.02993	.03379	.02973	.02694
28	Ag3280	.09786	-.00008	.00049	.00034	.00015	.00003
29	*Y	4164.19	4188.56	4169.55	4215.68	4312.31	4177.39
30	PB2203	.43230	.07296	.04603	.16166	.04475	.03945
31	SE1960	.38553	.00014	-.00115	-.00174	-.00424	-.00204

#	Element	AD839942	AD839943	CCV	CCB	AD839944	AD839945
1	Al3082	13.471	21.647	25.353	.01421	9.2766	15.209
2	As1890	.00386	.00562	.49778	.00074	.00184	.00951
3	B_2496	.01032	.00639	.49837	-.00022	.00680	.04148
4	Ba4934	.12787	.16117	.50980	.00014	.09973	.18493
5	Be3130	.00114	.00057	.50010	.00013	.00050	.00124
6	Ca3179	4.7447	5.8043	25.125	.00757	4.4851	7.8290
7	Cd2265	.00036	-.00006	.49515	.00006	.00007	.00017
8	Co2286	.01054	.01748	.49419	-.00031	.00788	.01224
9	Cr2677	.03699	.04340	.51101	.00011	.03420	.09464
10	Cu3247	.08293	.04671	.49192	-.00046	.03443	.09381
11	Fe2714	25.176	38.519	24.712	.00968	20.104	34.004
12	K_7664	1.3677	1.2775	25.531	-.00319	.95879	1.5987
13	Mg2790	3.5455	8.0349	25.099	.00522	3.4464	4.4273
14	Mn2576	.37529	.45703	.50201	.00014	.45201	.62237
15	Mo2020	.00130	.00127	.49743	.00128	.00103	.00161
16	Na3302	.45864	.63337	25.245	.00559	.40481	.53413
17	Ni2316	.01836	.02735	.50096	.00046	.01395	.02123
18	2203/1	.04965	.02700	.50249	.00063	.02718	.09182
19	2203/2	.05015	.02390	.51353	.00162	.02786	.09064
20	Sb2068	-.00137	-.00334	.50205	-.00201	-.00389	.00931
21	1960/1	-.00491	.00142	.50678	-.00485	.00148	-.00016
22	1960/2	-.00190	-.00584	.51864	-.00051	.00121	-.00100
23	Ti3372	1.0414	2.2803	.51775	.00078	.93362	1.3702
24	Tl1908	.00128	-.00066	.49929	.00185	-.00043	-.00100
25	V_2924	.03823	.07289	.50174	.00024	.03343	.05163
26	Zn2062	.12373	.10814	.50397	.00015	.08189	.22511
27	Sn1899	.02435	.03368	.50121	.00147	.03262	.02919
28	Ag3280	.00000	.00025	.47883	-.00027	.00015	.00038
29	*Y	4181.81	4165.2	4109.85	4106.06	4153.16	4171.84
30	PB2203	.04998	.02493	.50985	.00129	.02763	.09103
31	SE1960	-.00290	-.00342	.51468	-.00196	.00130	-.00072

#	Element	AD839946	AD839947	AD839948	AD839949	AD839950	CRI
1	Al3082	14.332	13.972	24.330	21.402	26.270	.21350
2	As1890	.00561	.00479	.00934	.00709	.01079	.01063
3	B_2496	.00479	.00666	.00958	.00982	.01412	.02145
4	Ba4934	.12121	.12097	.22463	.18820	.30464	.00220
5	Be3130	.00044	.00041	.00071	.00072	.00071	.00207
6	Ca3179	7.2704	5.7669	11.268	10.329	21.442	.48204
7	Cd2265	.00011	-.00006	.00078	-.00007	.00262	.00112
8	Co2286	.01136	.01424	.01654	.02238	.01745	.00418
9	Cr2677	.04294	.04069	.09406	.08504	.08045	.00421
10	Cu3247	.02742	.01245	.07310	.02898	.17868	.00879
11	Fe2714	20.694	17.008	24.017	23.932	32.584	.05034
12	K_7664	1.0954	1.4318	1.6238	1.9282	2.3131	.47345
13	Mg2790	5.1270	4.9083	7.0599	8.0700	13.648	.19703
14	Mn2576	.69913	.22403	.80167	.65719	.67031	.00324
15	Mo2020	.00028	.00105	.00198	.00192	.00191	.01046
16	Na3302	.76647	.25721	.63728	.44686	1.0081	1.1109
17	Ni2316	.01759	.02172	.03302	.03618	.03138	.00990
18	2203/1	.03780	.00818	.07174	.01305	.31129	.00400
19	2203/2	.03279	.00636	.07322	.00774	.31583	.00670
20	Sb2068	-.00383	-.00091	-.00157	-.00632	.00051	.01971
21	1960/1	.00434	.00130	.00202	.00292	.00073	.01279
22	1960/2	.00066	-.00110	.00047	-.00050	.00170	.01290
23	Ti3372	1.8206	2.2650	2.2139	3.0163	2.3627	.00530
24	Tl1908	.00079	-.00072	-.00226	-.00155	.00130	.02144
25	V_2924	.04825	.05487	.10700	.11916	.09106	.00541
26	Zn2062	.10060	.05259	.17591	.08526	.66674	.01144
27	Sn1899	.02415	.02932	.03313	.02877	.51511	.00801
28	Ag3280	.00004	.00030	.00028	-.00012	.00428	.00299
29	*Y	4201.95	4184.96	4258.54	4212.86	4234.76	4129.35
30	PB2203	.03446	.00697	.07273	.00951	.31431	.00580
31	SE1960	.00189	-.00030	.00099	.00063	.00138	.01286

#	Element	ICSA	ICSAB	CCV	CCB	STD BLK	STD 1
1	Al3082	514.65	515.94	25.292	.02833	.05784	8.50325
2	As1890	-.00244	.10154	.50113	-.00296	.00128	.65865
3	B_2496	.00146	.01555	.49766	.00006	.01619	1.40945
4	Ba4934	.00103	.52913	.51064	.00010	.00255	4.43979
5	Be3130	.00095	.50355	.50026	.00013	.25745	7.87849
6	Ca3179	493.77	493.97	25.139	.02356	.01229	
7	Cd2265	-.00007	.96315	.49492	.00007	-.00718	12.375
8	Co2286	.00083	.48082	.49357	-.00032	-.00267	.71492
9	Cr2677	.00032	.50647	.51148	.00015	.00525	2.00533
10	Cu3247	.00000	.50873	.49189	-.00100	.01582	.92123
11	Fe2714	191.78	97.022	24.736	.00842	-.00048	1.97547
12	K_7664	.00466	.01380	25.568	-.00470	-.0788	
13	Mg2790	504.43	498.31	24.880	.01695	.00597	
14	Mn2576	.00184	.48280	.50205	.00005	.00145	1.41407
15	Mo2020	.00181	.00050	.49752	.00054	-.00009	1.19174
16	Na3302	-.22088	.04737	25.334	-.10055	.00607	
17	Ni2316	.00054	.93772	.50198	-.00031	-.06189	5.26988
18	2203/1	-.00655	.04811	.50287	.00106	.04235	1.63289

#	Element	ICSA	ICSAB	CCV	CCB	STD BLK	STD 1
19	2203/2	.00298	.05406	.51328	-.00005	-.00691	1.59805
20	Sb2068	.00246	.63837	.50608	-.00101	.00047	.38507
21	1960/1	-.00100	.05074	.51344	.00274	.00416	.4523
22	1960/2	-.01659	.04160	.51616	-.00365	-.00617	.76625
23	Ti3372	.00153	.00295	.51836	.00025	.08766	5.4904
24	Tl1908	-.00879	.09053	.50889	.00135	.00785	.44222
25	V_2924	-.00008	.50168	.50164	-.00003	.00024	.30169
26	Zn2062	-.00257	.94793	.50361	.00005	.00134	.2472
27	Sn1899	.00244	.00062	.49995	.00021	.00267	2.08652
28	Ag3280	.00081	.21556	.48037	.00000	.00622	1.61722
29	*Y	3850.35	3861.38	4099.65	4121.81	4105.69	4120.01
30	PB2203	-.00019	.05208	.50981	.00031		
31	SE1960	-.01139	.04464	.51525	-.00152		

#	Element	STD 2	STD 3	STD' VER	ICV	ICB	CRI
1	Al3082	42.0997	85.7823	50.283	19.088	.00555	.21305
2	As1890	3.26954	6.67343	1.0007	.36720	-.00137	.01031
3	B_2496	7.0451	14.1745	1.0017	.37811	.00056	.02299
4	Ba4934	22.1061	45.4699	1.0111	.38124	.00004	.00212
5	Be3130	38.2484	76.3471	.99288	.37674	.00007	.00204
6	Ca3179		66.0116	49.708	18.702	.00316	.47823
7	Cd2265	61.2661	121.447	.98534	.37298	-.00011	.00111
8	Co2286	3.58778	7.13493	.99122	.37033	-.00024	.00411
9	Cr2677	10.1391	19.9272	.98862	.38486	-.00001	.00409
10	Cu3247	4.55099	9.22612	1.0039	.37038	-.00047	.00990
11	Fe2714	9.84549	19.5508	49.493	18.650	.00659	.05088
12	K_7664		72.1703	49.813	19.074	-.00414	.46023
13	Mg2790		120.016	49.683	18.745	.00347	.19508
14	Mn2576	7.04632	14.0212	.99232	.37907	.00003	.00326
15	Mo2020	5.92043	11.8823	.99814	.37470	.00221	.01020
16	Na3302		3.20417	49.734	18.672	.06330	1.0954
17	Ni2316	26.513	52.8809	.98882	.37751	.00007	.00992
18	2203/1	7.86823	15.6324	.98939	.37715	-.00098	.00450
19	2203/2	7.92492	15.9518	.98415	.38036	-.00156	.00565
20	Sb2068	1.97263	4.01207	1.0138	.37986	-.00412	.02336
21	1960/1	2.22598	4.46122	.99904	.38250	-.00109	.01444
22	1960/2	3.91325	7.96176	.99835	.38775	-.00133	.01921
23	Ti3372	27.0223	55.1847	1.0055	.38734	.00013	.00501
24	Tl1908	2.17599	4.47443	1.0085	.38204	-.00301	.01252
25	V_2924	1.5129	3.02463	.99549	.37315	.00048	.00561
26	Zn2062	1.22048	2.40823	.98158	.37779	.00049	.01182
27	Sn1899	10.4848	20.8496	.99618	.37635	.00115	.00955
28	Ag3280	8.08868	16.2463	1.0014	.36565	-.00062	.00258
29	*Y	4112.29	4043.62	4049.78	4097.17	4098.9	4100.33
30	PB2203			.98590	.37929	-.00137	.00527
31	SE1960			.99857	.38600	-.00125	.01762

#	Element	ICSA	ICSAB	CCV	CCB	A88'/TOT	AD8'1/PB
1	Al3082	515.36	518.83	25.394	.00904	.07297	.00730
2	As1890	-.00096	.09899	.49618	-.00068	-.00106	.00131
3	B_2496	.00129	.01646	.50475	.00009	.06458	.00093
4	Ba4934	.00099	.52480	.50860	.00007	.00084	.00011
5	Be3130	.00092	.50594	.50249	.00008	.00711	-.00005
6	Ca3179	489.21	492.28	25.012	.01328	8.9954	.05987
7	Cd2265	-.00046	.96735	.49709	.00008	.00003	-.00002
8	Co2286	.00060	.48184	.49452	-.00027	.02975	-.00056
9	Cr2677	-.00004	.50778	.51296	.00000	2.6826	.00056
10	Cu3247	.00001	.51001	.49447	.00014	3.0582	.00083
11	Fe2714	192.09	97.505	24.848	.00752	13.119	.01994
12	K_7664	.00222	.00558	25.437	-.01080	319.46	.04214
13	Mg2790	504.98	501.82	25.017	.01056	3.2157	.00465
14	Mn2576	.00188	.48548	.50545	.00012	.38035	.00047
15	Mo2020	.00207	.00122	.49506	.00094	.14421	.00118
16	Na3302	-.02043	-.02020	25.064	.04039	H433.99	-.00727
17	Ni2316	.00066	.94170	.50378	.00000	1.6418	-.00009
18	2203/1	-.00539	.04816	.50225	-.00172	.00679	-.00137
19	2203/2	.00416	.05078	.50832	-.00017	-.00089	.00045
20	Sb2068	.00365	.63675	.50907	-.00055	-.00169	.00002
21	1960/1	-.00897	.04836	.51163	.00582	.00089	-.00008
22	1960/2	-.00947	.04606	.51899	.00329	.00488	.00137
23	Ti3372	.00123	.00256	.51881	.00020	-.00052	.00048
24	Tl1908	-.01487	.08892	.51464	-.00149	-.00341	-.00279
25	V_2924	-.00004	.49922	.49801	.00036	.00855	.00004
26	Zn2062	-.00195	.94913	.50444	.00054	.33497	.00534
27	Sn1899	-.00048	.00018	.50491	-.00081	.01697	H.03401
28	Ag3280	.00041	.21622	.48291	-.00053	.00389	-.00029
29	*Y	3838.65	3855.86	4092.38	4097.25	4132.09	4099.01
30	PB2203	.00098	.04991	.50629	-.00068	.00166	-.00015
31	SE1960	-.00930	.04682	.51653	.00413	.00355	.00088

#	Element	AD8'LPSL	AD839917	AD839918	AD839919	AD839920	AD839921
1	Al3082	64.551	54.339	105.06	7.3633	8.6438	7.5720
2	As1890	.82994	.03085	.03987	.00168	.00129	.00130
3	B_2496	1.1116	.06035	.03641	.00293	.00255	.00130
4	Ba4934	4.0926	.62274	.61646	.01889	.02654	.02428
5	Be3130	.57600	.00313	.00540	.00025	.00026	.00023
6	Ca3179	70.344	501.18	37.149	.66852	1.1429	.63433
7	Cd2265	.59050	.00235	.00925	.00068	.00126	.00000
8	Co2286	.71011	.04790	.13973	.00321	.00276	.00494
9	Cr2677	.86992	.09898	.19343	.02857	.04570	.02211
10	Cu3247	.79935	2.1768	.35179	.01265	.01857	.01773
11	Fe2714	104.56	103.61	263.02	7.9827	6.6238	8.1433
12	K_7664	24.843	10.135	10.650	.56630	.56182	.93340
13	Mg2790	25.901	189.60	33.280	.95246	.77977	1.3439
14	Mn2576	2.9085	3.2900	5.6143	.03506	.03497	.04849
15	Mo2020	.53244	.01202	.01930	.00191	.00184	.00203
16	Na3302	4.1741	1.7109	1.5277	.23106	.09156	.22432
17	Ni2316	1.0923	.12005	.13357	.00733	.00665	.01133
18	2203/1	.81996	1.8074	.72886	.02697	.05297	.00766

#	Element	AD8'LPSL	AD839917	AD839918	AD839919	AD839920	AD839921
19	2203/2	.82350	1.8246	.73517	.03046	.05318	.00934
20	Sb2068	.80386	.00603	.00489	.00388	.00048	-.00225
21	1960/1	1.4955	-.00595	.00283	-.00877	-.00021	-.00664
22	1960/2	1.5085	.00604	.00099	.00444	.00468	.00263
23	Ti3372	3.2747	1.6539	2.0474	.26123	.30362	.37148
24	Tl1908	1.2629	-.00757	L-.01398	-.00198	-.00209	-.00002
25	V_2924	.90336	.12744	.24280	.01457	.01514	.02274
26	Zn2062	2.1488	1.9249	2.7406	.03846	.04909	.03487
27	Sn1899	1.0464	.30859	.03997	.01418	.01389	.01119
28	Ag3280	.74238	-.00007	-.00002	-.00012	-.00044	-.00013
29	*Y	4461.3	4230.94	4293.94	4160.51	4203.68	4160.55
30	PB2203	.82232	1.8189	.73307	.02929	.05311	.00878
31	SE1960	1.5041	.00204	.00161	.00004	.00304	-.00045

#	Element	AD8'1:5)	AD8'1/PS	CCV	CCB	AD8'2/MS	AD8'3/SD
1	Al3082	1.5417	26.924	25.418	.01311	26.451	26.586
2	As1890	-.00096	.39354	.48822	.00051	.39192	.38628
3	B_2496	.00133	.38473	.50251	.00090	.39148	.38785
4	Ba4934	.00512	.42159	.50647	.00005	.42408	.41929
5	Be3130	.00002	.39241	.50175	.00007	.39691	.39121
6	Ca3179	.15229	20.265	24.922	.01136	20.519	20.367
7	Cd2265	-.00003	.39613	.49547	-.00003	.39877	.38952
8	Co2286	.00117	.39667	.49253	-.00018	.38743	.37947
9	Cr2677	.00466	.41438	.51059	.00007	.40860	.40136
10	Cu3247	.00368	.40267	.49359	-.00015	.41331	.40647
11	Fe2714	1.6337	27.537	24.802	.00937	26.652	26.262
12	K_7664	.16444	21.515	25.214	-.00027	21.541	20.601
13	Mg2790	.26618	21.028	25.022	.00697	21.073	20.658
14	Mn2576	.00979	.44200	.50423	.00007	.44240	.43448
15	Mo2020	.00138	.40000	.49427	.00150	.41291	.40208
16	Na3302	-.03829	19.396	24.573	-.15158	19.648	19.483
17	Ni2316	.00291	.40313	.50235	.00021	.41022	.40173
18	2203/1	-.00094	.39739	.49876	-.00237	.40250	.39604
19	2203/2	.00237	.39902	.50082	.00169	.40599	.39591
20	Sb2068	.00130	.39602	.50412	-.00109	.39047	.38325
21	1960/1	-.00271	.38897	.50379	-.00505	.38710	.38198
22	1960/2	.00375	.39231	.51191	.00421	.39981	.38959
23	Ti3372	.07399	.75177	.51426	.00038	.68124	.71345
24	Tl1908	-.00172	.39690	.51125	-.00487	.40610	.39228
25	V_2924	.00467	.41732	.49586	.00024	.41427	.40692
26	Zn2062	.00742	.42724	.50031	.00029	.44010	.42813
27	Sn1899	.00377	.40549	.50207	-.00155	.42084	.42478
28	Ag3280	.00008	.09814	.48337	-.00026	.10051	.09870
29	*Y	4105.16	4131.23	4095.45	4106.66	4110.04	4104.11
30	PB2203	.00126	.39848	.50014	.00034	.40483	.39596
31	SE1960	.00159	.39119	.50920	.00112	.39557	.38705

#	Element	AD839924	AD839925	AD839926	AD839927	AD839928	AD839929
1	Al3082	13.137	11.784	35.239	29.913	20.231	57.258
2	As1890	.00854	.01207	.03987	.10377	.02490	.06230
3	B_2496	.00239	.01095	.03108	.03806	.02941	.05516
4	Ba4934	.01871	.08827	.19738	.19140	.24184	.52948
5	Be3130	.00067	.00032	.00157	.00204	.00110	.00284
6	Ca3179	.53370	4.3930	355.11	H1146.5	91.007	498.97
7	Cd2265	-.00008	.07215	.00024	.00047	.00002	.00024
8	Co2286	.00310	.00351	.03704	.03046	.01658	.05715
9	Cr2677	.03604	.78624	.05125	.05803	.02758	.08017
10	Cu3247	.01920	.17896	.12807	.14819	.11495	.24407
11	Fe2714	26.859	8.3311	95.636	93.763	57.677	168.01
12	K_7664	.68000	.75440	6.3078	6.5153	5.5796	8.8338
13	Mg2790	.92378	1.4349	91.072	99.098	31.943	136.55
14	Mn2576	.05474	.04418	2.6265	2.8115	2.0346	5.4170
15	Mo2020	.00231	.00289	.00233	.00438	.00241	.00465
16	Na3302	-.03380	.65442	1.9016	1.2890	5.3592	2.2038
17	Ni2316	.00954	.01724	.07702	.06417	.03938	.12556
18	2203/1	.01939	1.6477	.03902	.04737	.03869	.07849
19	2203/2	.02114	1.6632	.04066	.04895	.03747	.08229
20	Sb2068	-.00017	.00100	.00133	-.00035	.00064	.00017
21	1960/1	-.00538	-.00117	-.00217	-.00357	-.00472	-.00194
22	1960/2	.00266	.00727	.00350	-.00098	.00288	-.00223
23	Ti3372	.34873	.49193	.37966	.36059	.23696	.45789
24	Tl1908	-.00426	-.00388	-.00833	L-.01105	-.00457	-.00997
25	V_2924	.05661	.06695	.06901	.06630	.04359	.10971
26	Zn2062	.05624	.24542	.33446	.25270	.21513	.51227
27	Sn1899	.01556	.02599	.02881	.02318	.02810	.01632
28	Ag3280	-.00081	.00149	-.00038	-.00034	-.00011	-.00021
29	*Y	4187.89	4554.6	4387.16	4159.95	4215.19	4343.48
30	PB2203	.02056	1.6580	.04011	.04842	.03788	.08103
31	SE1960	-.00002	.00445	.00161	-.00184	.00034	-.00213

#	Element	AD8'8/PB	AD8'7/FB	CCV	CCB	AD839861	AD839862
1	Al3082	.05582	10.456	25.395	.01047	2.5889	.32260
2	As1890	.00108	.20406	.48807	.00105	.00580	.00381
3	B_2496	.01047	.21432	.50114	.00104	.12782	.09880
4	Ba4934	.00000	.20956	.50523	.00006	.17865	.14652
5	Be3130	-.00005	.20561	.50063	.00005	.00009	.00000
6	Ca3179	.17944	10.342	24.843	.01123	73.367	51.162
7	Cd2265	-.00004	.20475	.49472	-.00002	-.00002	-.00013
8	Co2286	-.00018	.19596	.49160	.00020	.00617	-.00002
9	Cr2677	.00010	.20405	.51070	-.00001	.00258	.00053
10	Cu3247	.00013	.20572	.49352	.00031	.00811	.00232
11	Fe2714	.01176	10.290	24.792	.00845	1.2324	.08523
12	K_7664	-.00638	10.473	25.255	-.00660	4.2163	3.8799
13	Mg2790	.00230	10.122	24.967	.00536	11.057	8.1703
14	Mn2576	.00017	.20608	.50394	.00005	.18896	.19421
15	Mo2020	.00034	.20993	.49434	.00161	.00437	.00405
16	Na3302	-.15138	10.403	24.701	.06129	304.28	342.87
17	Ni2316	.00017	.20546	.50048	.00015	.00232	.00133
18	2203/1	-.00402	.20572	.49772	-.00106	-.00179	-.00201

#	Element	AD8'8/PB	AD8'7/FB	CCV	CCB	AD839861	AD839862
19	2203/2	.00273	.20587	.49916	.00135	.00250	.00203
20	Sb2068	-.00285	.20498	.50847	.00115	-.00015	-.00027
21	1960/1	-.00340	.20604	.50392	.00070	-.00504	-.00306
22	1960/2	.00194	.20891	.50820	.00161	.00112	.00082
23	Ti3372	.00002	.20712	.51323	.00019	.04515	.00048
24	Tl1908	-.00426	.20931	.50651	-.00381	-.00340	-.00496
25	V_2924	.00036	.20562	.49447	.00044	.00483	.00107
26	Zn2062	.00018	.21003	.49952	.00034	.01207	.00625
27	Sn1899	.00005	.21088	.49952	-.00014	-.00021	-.00035
28	Ag3280	-.00065	.05156	.48357	.00007	-.00003	-.00041
29	*Y	4138.58	4133.51	4105.61	4097.66	4050.26	4030.09
30	PB2203	.00048	.20582	.49868	.00054	.00107	.00068
31	SE1960	.00016	.20795	.50677	.00131	-.00092	-.00046

#	Element	AD839863	AD839864	AD839865	AD839866	AD839867	AD839868
1	Al3082	.08539	.13293	.20296	.11935	.09340	.06700
2	As1890	.00057	.00615	.00196	.00329	-.00058	-.00048
3	B_2496	1.1110	.07869	.32844	.43172	.01904	.02136
4	Ba4934	.14970	.57486	.17981	.49777	.12336	.07353
5	Be3130	.00000	.00004	-.00002	.00009	.00008	.00013
6	Ca3179	105.79	147.26	38.168	176.02	29.538	7.2380
7	Cd2265	.00002	-.00007	-.00019	-.00013	-.00012	.00001
8	Co2286	.00067	.00026	-.00002	.00012	.00961	.02896
9	Cr2677	.00038	.00036	.00050	.00036	.00413	.00011
10	Cu3247	.00277	.00090	.00180	.00097	-.00011	.00165
11	Fe2714	.01563	.00323	.01906	.00786	29.678	.49735
12	K_7664	5.4935	6.0202	2.6593	7.4448	1.7263	2.2356
13	Mg2790	28.803	23.147	5.9689	27.958	14.678	4.9443
14	Mn2576	.01429	.66204	.21867	1.8769	.51651	.15882
15	Mo2020	.00194	.00271	.00551	.00157	-.00026	.00001
16	Na3302	61.585	H417.08	224.16	H877.24	59.119	7.8742
17	Ni2316	.01203	.00114	.00111	.00131	.01541	.04006
18	2203/1	.00002	-.00300	-.00289	-.00286	-.00541	-.00243
19	2203/2	-.00020	.00046	-.00015	.00103	.00331	-.00063
20	Sb2068	.00200	.00222	-.00190	-.00158	-.00077	-.00052
21	1960/1	-.00593	-.00256	-.00267	-.00319	-.00506	-.00595
22	1960/2	.00432	.00345	.00176	.00328	.00361	.00230
23	Ti3372	.00020	.00017	.00012	-.00002	-.00015	.00008
24	Tl1908	-.00343	-.00481	-.00410	-.00410	-.00521	-.00617
25	V_2924	.00040	.00058	.00061	.00051	.00081	.00019
26	Zn2062	.00406	.00098	.00295	.00097	.01066	.09800
27	Sn1899	-.00006	-.00013	-.00079	-.00194	-.00056	.00095
28	Ag3280	.00010	-.00070	-.00071	-.00015	-.00083	-.00053
29	*Y	4084.35	4004.66	4084.76	3899.44	4120.2	4121.44
30	PB2203	-.00012	-.00068	-.00107	-.00026	.00040	-.00123
31	SE1960	.00090	.00144	.00028	.00112	.00072	-.00045

#	Element	AD839869	AD8'1:5)	CCV	CCB	AD8'9/PS	AD8'0/MS
1	Al3082	.08755	.02673	25.313	.00713	10.234	10.376
2	As1890	.00156	-.00026	.49278	.00039	.20556	.20183
3	B_2496	.02588	.00575	.49881	.00021	.22707	.22661
4	Ba4934	.03423	.00681	.50255	.00007	.23982	.24112
5	Be3130	-.00003	-.00001	.49839	.00011	.20469	.20510
6	Ca3179	113.83	22.527	24.788	.00319	122.19	122.47
7	Cd2265	-.00019	-.00007	.49442	-.00002	.20162	.20037
8	Co2286	-.00038	-.00032	.49207	.00001	.20078	.19331
9	Cr2677	.01905	.00372	.51264	.00031	.22066	.22040
10	Cu3247	.00001	-.00020	.49027	.00019	.20156	.20501
11	Fe2714	.00058	-.00117	24.776	.00567	10.162	10.174
12	K_7664	2.3965	.43335	25.372	.00378	12.891	12.982
13	Mg2790	.06743	.01034	25.092	.00149	10.014	10.024
14	Mn2576	.00004	.00010	.50338	.00008	.20383	.20487
15	Mo2020	.00178	.00080	.49478	.00160	.20523	.21052
16	Na3302	8.3505	1.6760	24.838	.07451	18.268	18.322
17	Ni2316	.00009	.00013	.49936	.00003	.20189	.20229
18	2203/1	.00058	-.00237	.49888	-.00271	.19533	.20159
19	2203/2	.00000	.00159	.50169	-.00017	.20284	.20134
20	Sb2068	.00210	-.00132	.51232	.00330	.20536	.20574
21	1960/1	-.00042	-.00582	.51543	-.00603	.20048	.19837
22	1960/2	.00340	.00196	.51634	.00059	.21035	.20362
23	Ti3372	.00000	-.00021	.51535	.00012	.20577	.20664
24	Tl1908	-.00644	-.00399	.50436	-.00464	.20411	.20045
25	V_2924	.01600	.00338	.49505	.00020	.22111	.22105
26	Zn2062	.00089	.00015	.50016	.00029	.20168	.20615
27	Sn1899	-.00014	-.00081	.49934	.00023	.20272	.20623
28	Ag3280	-.00011	-.00049	.49508	.00006	.05076	.05152
29	*Y	4106.55	4106.14	4102.84	4093.58	4075.99	4086.83
30	PB2203	.00019	.00027	.50076	-.00102	.20034	.20142
31	SE1960	.00212	-.00062	.51603	-.00161	.20706	.20187

#	Element	AD8'1/SD	AD839872	AD839873	AD839874	AD839875	AD839876
1	Al3082	10.467	.06819	.08414	.07598	.10130	.12433
2	As1890	.20142	.00023	.00182	-.00090	-.00120	.00054
3	B_2496	.23015	.02040	.03761	.06487	.02702	.04292
4	Ba4934	.24265	.03328	.05205	.05231	.03141	.06816
5	Be3130	.20589	.00000	.00004	.00000	.00002	.00000
6	Ca3179	124.66	14.336	11.591	18.364	13.481	7.7376
7	Cd2265	.20163	-.00004	.00001	.00001	.00008	.00001
8	Co2286	.19439	.00649	.00537	.00124	.03912	.00067
9	Cr2677	.22188	.00015	.00055	.00017	.00044	.00020
10	Cu3247	.20620	-.00034	.00062	-.00004	.00041	.00022
11	Fe2714	10.230	-.00271	.02441	.00162	.03440	.00317
12	K_7664	13.072	7.4772	3.2785	5.5868	3.1192	6.0574
13	Mg2790	10.090	9.9679	8.9344	12.061	9.9068	4.7998
14	Mn2576	.20568	.01991	.01114	.05857	.31804	.03525
15	Mo2020	.21227	.00162	.00114	-.00092	.00104	.00055
16	Na3302	18.619	11.063	13.052	16.122	8.9832	4.3628
17	Ni2316	.20338	.00649	.01080	.00381	.02161	.00233
18	2203/1	.19955	-.00170	-.00139	-.00302	-.00409	-.00248

#	Element	AD8'1/SD	AD839872	AD839873	AD839874	AD839875	AD839876
19	2203/2	.20125	.00073	.00007	-.00020	.00143	.00033
20	Sb2068	.20556	.00120	.00263	-.00058	.00006	-.00140
21	1960/1	.19917	-.00609	-.00480	-.00208	-.00906	-.00258
22	1960/2	.20451	.00483	.00427	.00175	.00037	.00453
23	Ti3372	.20725	.00019	.00081	.00000	-.00001	.00004
24	Tl1908	.20401	-.00334	-.00400	-.00364	-.00433	-.00298
25	V_2924	.22283	.00153	.00112	.00020	.00064	.00008
26	Zn2062	.20751	.00876	.02259	.00714	.03117	.00583
27	Sn1899	.20658	-.00034	-.00045	.00162	.00012	.00095
28	Ag3280	.05177	.00009	-.00031	-.00030	-.00040	-.00043
29	*Y	4092.86	4115.62	4127.36	4142.18	4112.25	4118.48
30	PB2203	.20068	-.00007	-.00041	-.00114	-.00040	-.00059
31	SE1960	.20273	.00119	.00125	.00047	-.00276	.00216

#	Element	AD8'4/PB	AD8'3/FB	CCV	CCB	AD839887	AD8'1:5)
1	Al3082	.03774	10.242	25.357	.00948	.04933	.15757
2	As1890	-.00078	.20117	.49335	-.00052	.00028	.00164
3	B_2496	.00795	.20737	.49862	.00067	.02519	.00526
4	Ba4934	.00007	.20415	.50522	.00004	.14460	.02857
5	Be3130	-.00003	.20099	.49963	.00011	.00002	.00002
6	Ca3179	.12692	10.101	24.854	.00449	113.50	22.329
7	Cd2265	-.00013	.20024	.49370	.00000	-.00009	-.00011
8	Co2286	-.00034	.19222	.49158	-.00007	-.00012	-.00027
9	Cr2677	.00002	.19986	.51212	.00043	.00012	-.00027
10	Cu3247	.00008	.20051	.49165	.00029	.00022	-.00014
11	Fe2714	-.00178	10.058	24.753	.00630	-.00212	-.00709
12	K_7664	-.00106	10.250	25.383	.00026	.97069	.18245
13	Mg2790	.00045	9.9855	25.115	.00127	35.073	6.8442
14	Mn2576	.00015	.20140	.50296	.00005	.00018	.00013
15	Mo2020	.00009	.20460	.49400	.00124	.00166	.00054
16	Na3302	-.09434	9.9834	24.810	-.15190	2.4656	.46843
17	Ni2316	.00066	.20101	.50035	.00025	.00027	-.00001
18	2203/1	-.00284	.19517	.49944	-.00362	-.00191	.00060
19	2203/2	-.00025	.20251	.50304	.00158	.00064	-.00075
20	Sb2068	-.00257	.20111	.50945	.00152	.00228	.00065
21	1960/1	-.00184	.19759	.50978	-.00719	-.00261	.00365
22	1960/2	.00321	.20167	.51287	.00112	.00144	-.00379
23	Ti3372	.00122	.20250	.51800	.00010	.00014	.00017
24	Tl1908	-.00049	.20077	.50304	-.00208	-.00383	-.00436
25	V_2924	.00012	.20183	.49450	.00032	.00020	.00008
26	Zn2062	.00043	.20602	.50084	.00049	-.00062	.00016
27	Sn1899	.00016	.20512	.50191	-.00076	-.00145	.00025
28	Ag3280	-.00062	.05041	.49579	-.00047	-.00027	.00022
29	*Y	4108.2	4137.3	4093.99	4082.48	4070.44	4075.35
30	PB2203	-.00111	.20007	.50184	-.00014	-.00020	-.00029
31	SE1960	.00152	.20031	.51184	-.00164	.00009	-.00130

#	Element	AD8'7/PS	AD8'8/MS	AD8'9/SD	AD839890	AD839891	AD839892
1	Al3082	10.226	10.392	10.371	.05156	.05520	.04762
2	As1890	.20354	.20340	.19831	.00379	.00913	.00986
3	B_2496	.22580	.22930	.22986	.06476	.05410	.04126
4	Ba4934	.34593	.35100	.35005	.16879	.12251	.22663
5	Be3130	.20418	.20428	.20288	.00005	.00002	.00001
6	Ca3179	121.35	123.32	121.83	200.79	145.63	120.84
7	Cd2265	.20076	.19969	.19899	-.00015	-.00010	-.00019
8	Co2286	.19972	.19260	.19226	.00180	.00033	.00248
9	Cr2677	.20147	.20088	.20103	-.00006	.00008	.00002
10	Cu3247	.19925	.20269	.20205	.00063	.00002	.00008
11	Fe2714	10.143	10.152	10.130	2.9683	3.5186	13.868
12	K_7664	11.513	11.638	11.651	3.5205	9.9999	1.2952
13	Mg2790	44.785	45.361	44.856	81.992	84.740	91.367
14	Mn2576	.20353	.20424	.20368	.73437	.06987	.32408
15	Mo2020	.20526	.20985	.20895	.00214	.00443	.01006
16	Na3302	12.529	12.748	12.678	11.740	16.580	17.331
17	Ni2316	.19917	.20077	.20005	.00671	.00143	.00330
18	2203/1	.19783	.19813	.19459	-.00224	-.00341	-.00302
19	2203/2	.19944	.20095	.20088	.00063	.00097	.00084
20	Sb2068	.20301	.20711	.20950	.00164	.00005	-.00011
21	1960/1	.20113	.20290	.19802	.00018	-.00095	-.00250
22	1960/2	.20695	.20732	.20926	.00257	.00403	-.00034
23	Ti3372	.20484	.20666	.20553	.00021	-.00008	-.00008
24	Tl1908	.19953	.20045	.19807	-.00342	-.00106	-.00366
25	V_2924	.20441	.20518	.20449	.00012	-.00005	.00000
26	Zn2062	.19874	.20393	.20312	.00225	-.00050	.00161
27	Sn1899	.20224	.20727	.20973	-.00063	-.00029	.00028
28	Ag3280	.05118	.05181	.05156	-.00054	-.00022	-.00024
29	*Y	4081.09	4094.89	4082.66	4026.75	4053.86	4067.03
30	PB2203	.19890	.20001	.19879	-.00032	-.00048	-.00044
31	SE1960	.20501	.20584	.20551	.00178	.00237	-.00106

#	Element	AD839893	AD839894	CCV	CCB	AD839895	AD839896
1	Al3082	.07675	.04576	25.461	.00767	.04785	.04589
2	As1890	.00193	-.00175	.49132	-.00054	.00296	-.00029
3	B_2496	.03447	.34747	.49818	-.00011	.10260	.03882
4	Ba4934	.03572	.27925	.50653	.00002	.39689	.13109
5	Be3130	.00005	.00001	.50141	.00011	.00008	.00000
6	Ca3179	195.70	119.97	24.934	.00225	189.30	128.79
7	Cd2265	-.00002	-.00022	.49454	.00000	-.00015	-.00008
8	Co2286	.00512	.00319	.49152	-.00024	.00842	-.00005
9	Cr2677	.00023	.00056	.51296	-.00003	.00056	.00081
10	Cu3247	-.00007	.00212	.49293	-.00020	.00024	.00000
11	Fe2714	3.5066	.68321	24.743	-.00021	6.1934	-.00335
12	K_7664	1.4693	7.4743	25.392	.00387	3.0215	2.2109
13	Mg2790	116.66	79.959	25.042	.00305	63.137	34.740
14	Mn2576	.62943	4.1356	.50248	.00011	2.9105	.11386
15	Mo2020	.00106	.00618	.49408	.00097	.00134	-.00029
16	Na3302	20.131	53.721	24.979	-.14086	20.874	8.0924
17	Ni2316	.00991	.05482	.50276	-.00001	.01056	.00164
18	2203/1	.00047	-.00442	.49808	-.00209	-.00614	-.00261

#	Element	AD839893	AD839894	CCV	CCB	AD839895	AD839896
19	2203/2	-.00162	.00022	.50564	.00083	.00201	.00092
20	Sb2068	.00145	.00010	.50826	-.00079	.00056	-.00007
21	1960/1	.00291	.00225	.50826	-.00041	-.00082	-.00329
22	1960/2	-.00133	.00338	.52192	.00004	.00293	.00436
23	Ti3372	.00081	-.00008	.51972	.00003	.00015	-.00043
24	Tl1908	-.00320	-.00153	.50906	-.00400	-.00225	-.00568
25	V_2924	-.00054	.00052	.49441	.00012	.00031	.00057
26	Zn2062	.00215	-.00015	.50226	.00004	-.00215	-.00129
27	Sn1899	.00065	.00033	.50167	-.00087	.00260	-.00152
28	Ag3280	-.00041	-.00061	.49484	-.00032	-.00038	-.00046
29	*Y	4038.75	4081.35	4095.45	4090.84	4061.93	4080.45
30	PB2203	-.00092	-.00132	.50312	-.00014	-.00070	-.00025
31	SE1960	.00007	.00300	.51736	-.00010	.00168	.00181

#	Element	AD839897	AD839898	AD839899	AD839900	AD839901	AD839902
1	Al3082	.08259	.05248	.04799	.27236	.04050	.04217
2	As1890	.00092	-.00132	-.00026	.01887	-.00085	.00363
3	B_2496	.10649	.03855	.06260	.07749	.15297	.02208
4	Ba4934	.40813	.18181	.25125	.64924	.13244	.21056
5	Be3130	.00003	.00004	.00002	.00004	.00000	-.00001
6	Ca3179	194.97	180.44	163.77	160.29	67.491	76.987
7	Cd2265	-.00027	.00000	-.00016	-.00027	-.00011	-.00018
8	Co2286	.00852	.00025	-.00026	.00105	-.00010	-.00005
9	Cr2677	.00035	.00069	.00015	-.00010	.00003	-.00036
10	Cu3247	-.00001	.00345	.00083	.00025	.00000	-.00041
11	Fe2714	5.8930	.00884	.40866	11.820	.93801	.97160
12	K_7664	3.1319	2.8278	2.4803	2.7490	3.3600	1.6778
13	Mg2790	65.022	51.344	57.006	46.632	22.549	30.188
14	Mn2576	3.0057	.00365	.00848	1.2601	.38811	.26881
15	Mo2020	.00159	.00105	-.00008	.00144	.00169	.00102
16	Na3302	21.696	12.716	8.0236	18.527	10.113	4.1423
17	Ni2316	.01088	.00137	.00223	.00486	.00039	.00013
18	2203/1	-.00157	-.00494	-.00414	-.00163	-.00305	-.00209
19	2203/2	.00127	.00112	.00062	.00073	-.00156	.00041
20	Sb2068	-.00216	.00151	.00120	-.00028	.00062	.00054
21	1960/1	.00410	-.00245	-.00547	-.00795	-.00417	-.00076
22	1960/2	-.00015	.00202	.00139	.00030	.00222	.00298
23	Ti3372	.00001	-.00007	.00003	.00003	-.00004	-.00031
24	Tl1908	-.00307	-.00377	-.00258	-.00344	-.00456	-.00586
25	V_2924	.00015	.00077	.00048	-.00014	.00006	-.00013
26	Zn2062	-.00039	.00314	.00055	-.00079	.00024	.00142
27	Sn1899	-.00046	.00015	.00068	.00033	-.00038	-.00041
28	Ag3280	-.00042	-.00032	-.00028	-.00029	-.00033	-.00074
29	*Y	4058.66	4058.89	4073.1	4081.76	4109.92	4124.89
30	PB2203	.00032	-.00089	-.00096	-.00005	-.00205	-.00042
31	SE1960	.00126	.00053	-.00089	-.00245	.00009	.00173

#	Element	CCV	CCB	STD BLK	STD 1	STD 2	STD 3
1	Al3082	25.473	.02111	.05478	8.56459	42.5933	85.6789
2	As1890	.49248	-.00024	-.00293	.66026	3.28677	6.61777
3	B_2496	.50064	.00109	.02115	1.42857	7.09644	14.183
4	Ba4934	.50618	.00001	-.00403	4.45449	22.3044	44.9662
5	Be3130	.50262	.00009	.25889	7.92683	38.6285	76.2887
6	Ca3179	24.988	.00258	.01222			65.9559
7	Cd2265	.49705	.00000	-.00843	12.5197	61.5022	122.246
8	Co2286	.49394	.00004	-.00305	.71977	3.5937	7.16383
9	Cr2677	.51531	.00043	.00587	2.03167	10.2239	20.0042
10	Cu3247	.49297	.00019	.01822	.92882	4.58482	9.16253
11	Fe2714	24.816	.00442	.00036	1.98848	9.89499	19.6548
12	K_7664	25.474	-.00525	-.09647			72.2767
13	Mg2790	25.205	.00046	-.00305			121.207
14	Mn2576	.50470	.00011	.00171	1.42588	7.08234	14.0975
15	Mo2020	.49519	.00102	.0071	1.19779	5.91961	11.8798
16	Na3302	24.969	-.08670	-.00647			3.21187
17	Ni2316	.50360	.00007	-.04621	5.32743	26.8082	52.8323
18	2203/1	.50481	-.00357	.00158	1.63408	7.90034	15.7237
19	2203/2	.50720	-.00015	-.00671	1.5716	7.97436	15.906
20	Sb2068	.51402	-.00095	.00325	.39845	1.98243	3.99613
21	1960/1	.51777	-.00394	-.01148	.42554	2.21974	4.48408
22	1960/2	.52246	.00338	.03044	.76041	3.95966	7.89616
23	Ti3372	.52060	.00001	.06813	5.53574	27.2873	54.9201
24	Tl1908	.50893	-.00398	.00626	.4396	2.20743	4.43301
25	V_2924	.49632	.00044	.00097	.30375	1.50754	3.02473
26	Zn2062	.50455	.00019	.00146	.25103	1.22289	2.42462
27	Sn1899	.50270	.00013	.00001	2.09672	10.4837	21.0186
28	Ag3280	.49686	-.00032	.00232	1.63603	8.11526	16.3081
29	*Y	4088.66	4093.76	4088.55	4097.1	4082.14	4053.41
30	PB2203	.50641	-.00129				
31	SE1960	.52089	.00093				

#	Element	STD' VER	ICV	ICB	CRI	ICSA	ICSAB
1	Al3082	50.173	19.105	.00431	.20912	512.78	516.26
2	As1890	1.0036	.37379	.00088	.01262	.00146	.09925
3	B_2496	1.0034	.37757	.00119	.02089	.00085	.01476
4	Ba4934	1.0060	.38232	.00004	.00218	.00113	.52186
5	Be3130	.99244	.37762	.00008	.00206	.00093	.50441
6	Ca3179	50.060	18.866	.00324	.48166	490.37	493.20
7	Cd2265	.99051	.37360	.00000	.00095	-.00002	.96418
8	Co2286	.99758	.37127	.00000	.00361	.00063	.48067
9	Cr2677	.98882	.38378	.00005	.00434	.00001	.50589
10	Cu3247	1.0009	.37051	-.00025	.01013	.00027	.50854
11	Fe2714	49.711	18.654	.00377	.05039	191.73	97.499
12	K_7664	50.056	19.164	.00667	.46713	.01072	.00702
13	Mg2790	49.965	18.787	.00405	.19531	502.32	498.73
14	Mn2576	.99529	.37928	.00002	.00317	.00174	.48541
15	Mo2020	1.0034	.37485	.00115	.00928	.00230	.00107
16	Na3302	49.806	18.802	-.02393	1.1512	.20600	.08595
17	Ni2316	.98853	.37813	-.00070	.00967	.00073	.93841
18	2203/1	.98544	.37533	.00083	.00610	-.00565	.04626

#	Element	STD'	VER	ICV	ICB	CRI	ICSA	ICSAB
19	2203/2	1.0015		.38125	.00066	.00742	.00274	.04931
20	Sb2068	1.0088		.38201	-.00223	.01959	-.00021	.62926
21	1960/1	1.0076		.38575	-.00197	.01469	-.00111	.03992
22	1960/2	1.0249		.39083	-.00733	.01850	-.01679	.04406
23	Ti3372	1.0032		.38820	.00007	.00512	.00172	.00302
24	Tl1908	1.0169		.38495	-.00569	.02038	-.01365	.09382
25	V_2924	1.0026		.37397	.00012	.00522	-.00045	.49810
26	Zn2062	.98695		.37919	.00018	.01200	-.00212	.94404
27	Sn1899	1.0028		.37928	.00008	.00867	-.00140	-.00027
28	Ag3280	1.0005		.36427	-.00039	.00263	.00052	.21588
29	*Y	4050.26	4100.93	4089.11	4090.39	3831.68	3835.65	
30	PB2203	.99616		.37928	.00072	.00698	-.00005	.04830
31	SE1960	1.0191		.38913	-.00554	.01723	-.01156	.04268

#	Element	CCV	CCB	AD8'6/PB	AD8'5/FB	AD839953	AD839954
1	Al3082	25.122	.01516	.03388	10.310	.07444	2.1605
2	As1890	.48772	.00040	-.00096	.20186	.00478	.00181
3	B_2496	.49599	.00011	.00533	.20889	1.3488	.01996
4	Ba4934	.50192	.00020	.00023	.20656	3.0676	.15086
5	Be3130	.49843	.00006	-.00004	.20388	.00027	.00057
6	Ca3179	24.863	.00234	.10201	10.251	548.72	30.332
7	Cd2265	.49203	.00000	-.00004	.20338	.00013	-.00021
8	Co2286	.48944	-.00051	-.00033	.19515	.00242	.01040
9	Cr2677	.51100	.00009	-.00021	.20204	.00311	.00966
10	Cu3247	.48949	.00024	.00007	.20315	.00491	.01344
11	Fe2714	24.704	.00534	.00004	10.203	36.471	38.849
12	K_7664	25.324	.00762	.01293	10.419	261.29	2.2883
13	Mg2790	24.661	.00472	.00227	10.058	96.922	14.957
14	Mn2576	.50146	.00002	-.00003	.20424	1.0837	.52732
15	Mo2020	.49338	.00102	.00010	.20800	.00128	.00008
16	Na3302	24.925	.27147	.23936	10.318	H914.49	60.164
17	Ni2316	.49943	-.00033	.00005	.20369	.00430	.01686
18	2203/1	.49660	.00143	.00104	.20013	.00396	.00362
19	2203/2	.50655	.00042	-.00008	.20553	.00369	.00226
20	Sb2068	.50335	-.00045	-.00263	.20294	.00143	-.00057
21	1960/1	.51507	-.00038	.00409	.20730	-.00467	-.00037
22	1960/2	.51674	-.00384	-.00359	.20725	-.00503	-.00424
23	Ti3372	.51145	.00053	.00040	.20473	.00416	.04718
24	Tl1908	.50529	-.00046	-.00396	.20509	-.00220	-.00485
25	V_2924	.49268	-.00040	.00000	.20473	.00711	.01202
26	Zn2062	.49709	.00023	.00017	.20853	.00998	.01952
27	Sn1899	.49782	-.00044	.00019	.20754	.01270	-.00018
28	Ag3280	.49341	-.00004	-.00027	.05105	-.00012	.00029
29	*Y	4085.21	4075.69	4128.83	4143.15	3814.01	4144.12
30	PB2203	.50323	.00075	.00029	.20373	.00378	.00271
31	SE1960	.51618	-.00269	-.00103	.20727	-.00491	-.00295

#	Element	AD839955	AD839956	AD8'1:5)	AD8'6/PS	AD8'7/MS	AD8'8/SD
1	Al3082	.08940	.45014	.10473	10.571	11.129	10.915
2	As1890	.00069	.00244	-.00012	.20716	.21086	.20895
3	B_2496	.02133	.02507	.00508	.22461	.22836	.23211
4	Ba4934	.07394	.03598	.00736	.23870	.24367	.24606
5	Be3130	.00019	.00001	.00000	.20524	.20772	.20997
6	Ca3179	7.3682	124.96	24.622	131.58	134.62	138.11
7	Cd2265	.00015	.00001	-.00008	.20116	.20205	.20483
8	Co2286	.02989	-.00013	.00001	.20051	.19579	.19800
9	Cr2677	.00029	.01902	.00343	.21995	.22205	.22522
10	Cu3247	.00154	.00038	.00022	.20102	.20704	.20898
11	Fe2714	.55791	.03943	.00407	10.193	10.271	10.438
12	K_7664	2.3079	2.4183	.44890	12.945	13.139	13.295
13	Mg2790	5.0401	1.5084	.29943	11.433	11.555	11.741
14	Mn2576	.16277	.00026	.00009	.20371	.20623	.20911
15	Mo2020	.00001	.00043	.00030	.20492	.21169	.21523
16	Na3302	8.0880	8.5247	1.8939	18.163	18.550	19.058
17	Ni2316	.04052	.00017	-.00023	.20117	.20401	.20732
18	2203/1	.00052	-.00290	.00202	.19765	.20289	.20563
19	2203/2	.00115	-.00007	.00003	.20267	.20462	.20573
20	Sb2068	.00054	.00132	-.00228	.20192	.20307	.20681
21	1960/1	.00277	-.00334	.00492	.20870	.20400	.21362
22	1960/2	.00260	.00136	-.00174	.20571	.20993	.21247
23	Ti3372	.00083	.00016	.00034	.20325	.20668	.20905
24	Tl1908	-.00391	-.00225	-.00453	.19954	.20254	.20821
25	V_2924	.00026	.01863	.00337	.22201	.22526	.22785
26	Zn2062	.09624	-.00159	.00011	.19853	.20559	.20797
27	Sn1899	.00042	-.00178	-.00128	.20280	.20887	.21236
28	Ag3280	-.00030	-.00023	-.00025	.05097	.05196	.05313
29	*Y	4129.8	4093.5	4071.08	4065.98	4073.51	4087.43
30	PB2203	.00094	-.00101	.00069	.20100	.20405	.20570
31	SE1960	.00265	-.00020	.00047	.20671	.20795	.21285

#	Element	CCV	CCB	AD839959	AD839960	AD839961	AD839962
1	Al3082	25.278	.02673	.14451	.83809	.08312	.27812
2	As1890	.48784	.00046	.00031	.00078	.00070	.00152
3	B_2496	.49965	.00007	.01618	.03583	.06321	.02122
4	Ba4934	.50241	.00021	.03401	.05569	.05405	.03167
5	Be3130	.50004	.00004	.00003	.00020	.00001	.00003
6	Ca3179	24.951	.00199	14.744	11.871	18.917	13.706
7	Cd2265	.49347	-.00001	.00006	-.00003	.00009	.00000
8	Co2286	.49111	.00013	.00722	.00593	.00183	.03804
9	Cr2677	.50920	-.00021	.00036	.00121	.00037	.00023
10	Cu3247	.49144	-.00040	.00021	.00240	.00031	.00082
11	Fe2714	24.772	.00037	.05616	.66955	.02819	.12099
12	K_7664	25.330	.00459	7.8227	3.4404	5.7729	3.2388
13	Mg2790	24.902	.00208	10.236	9.1660	12.367	10.269
14	Mn2576	.50251	.00002	.02030	.01182	.06014	.31618
15	Mo2020	.49294	.00078	.00139	-.00005	-.00022	-.00061
16	Na3302	24.918	.29269	11.351	11.973	16.706	9.4506
17	Ni2316	.49970	-.00041	.00646	.01048	.00327	.02069
18	2203/1	.49578	.00064	-.00081	.00125	.00032	-.00065

#	Element	CCV	CCB	AD839959	AD839960	AD839961	AD839962
19	2203/2	.50366	-.00001	.00080	-.00111	.00090	.00214
20	Sb2068	.49865	.00032	.00087	.00112	-.00046	-.00010
21	1960/1	.51028	-.00530	-.00049	.00677	.00171	-.00430
22	1960/2	.51941	-.00127	.00098	-.00037	-.00118	-.00054
23	Ti3372	.51097	.00047	.00262	.01868	.00087	.00404
24	Tl1908	.51108	-.00061	-.00096	-.00135	-.00184	-.00245
25	V_2924	.49421	.00032	.00216	.00619	.00015	.00095
26	Zn2062	.49847	.00013	.00728	.01340	.00664	.02790
27	Sn1899	.49851	.00073	.00040	.00185	.00034	-.00230
28	Ag3280	.47544	.00024	-.00007	.00015	-.00043	-.00028
29	*Y	4088.96	4086.41	4122.49	4130.21	4133.33	4139.96
30	PB2203	.50104	.00020	.00026	-.00032	.00071	.00121
31	SE1960	.51636	-.00262	.00048	.00200	-.00022	-.00179

#	Element	AD839963	AD839964	AD839965	AD839966	AD839967	AD839968
1	Al3082	.74087	.06947	.04727	.04103	.04272	.03804
2	As1890	-.00026	.01290	.01340	.00124	-.00001	.00238
3	B_2496	.03937	.01652	.01409	.01194	.01082	.01109
4	Ba4934	.06781	.01319	.01330	.00797	.01441	.00749
5	Be3130	.00004	.00000	.00000	-.00002	-.00003	-.00003
6	Ca3179	7.5686	15.892	15.948	13.545	12.072	9.5881
7	Cd2265	.00004	-.00004	-.00012	-.00022	-.00017	-.00006
8	Co2286	.00105	.00028	.00047	-.00007	-.00001	-.00005
9	Cr2677	.00162	.00031	.00030	.00142	.00206	.00135
10	Cu3247	-.00005	.00037	.00028	.00033	.00009	-.00043
11	Fe2714	.50744	1.5364	1.6185	.00652	.00282	.00653
12	K_7664	6.1706	3.2489	3.2616	2.6405	2.5421	2.9287
13	Mg2790	4.7751	4.2796	4.3139	2.9501	3.1159	2.7562
14	Mn2576	.04637	.90943	.92397	.00035	.00013	.00054
15	Mo2020	.00019	.00249	.00374	-.00039	-.00006	-.00049
16	Na3302	4.6191	4.3248	4.5488	5.2881	5.6860	5.0310
17	Ni2316	.00210	.00033	.00016	-.00033	-.00018	-.00067
18	2203/1	.00000	-.00320	-.00015	-.00176	.00124	.00056
19	2203/2	.00120	.00270	.00105	.00230	.00122	.00142
20	Sb2068	-.00156	-.00125	-.00084	-.00261	-.00036	-.00276
21	1960/1	.00076	-.00184	-.00220	-.00031	-.00157	-.00622
22	1960/2	-.00243	-.00044	-.00120	-.00012	-.00521	-.00218
23	Ti3372	.01550	.00028	.00034	.00023	.00038	.00007
24	Tl1908	-.00282	-.00031	-.00501	-.00375	-.00255	-.00332
25	V_2924	.00269	.00013	.00013	.00080	.00084	.00088
26	Zn2062	.00497	.00122	.00094	.00024	.00032	.00150
27	Sn1899	-.00135	.00043	.00134	.00044	-.00018	-.00071
28	Ag3280	.00009	-.00032	-.00012	-.00081	-.00027	-.00065
29	*Y	4146.67	4130.81	4099.61	4097.4	4107.08	4105.16
30	PB2203	.00080	.00073	.00065	.00095	.00123	.00114
31	SE1960	-.00136	-.00090	-.00153	-.00018	-.00399	-.00353

#	Element	CCV	CCB	AD839969	AD839970	AD839971	AD839972
1	Al3082	25.289	.03137	.04052	.19399	.41155	.13774
2	As1890	.48566	.00103	.00037	.00155	.00069	-.00019
3	B_2496	.49797	.00028	.00739	.03409	.04358	.03638
4	Ba4934	.50072	.00020	.00014	.04114	.15459	.07226
5	Be3130	.49997	.00015	.00000	.00005	.00159	.00002
6	Ca3179	24.913	.00609	.12577	22.444	25.795	11.196
7	Cd2265	.49328	.00000	.00002	.00001	-.00022	-.00016
8	Co2286	.49061	-.00004	.00009	.00681	.04221	-.00006
9	Cr2677	.50913	.00031	.00003	.00111	.00096	.00022
10	Cu3247	.49119	.00000	.00009	.02352	.01376	-.00003
11	Fe2714	24.743	.01035	.00189	83.873	4.0994	19.503
12	K_7664	25.261	.01922	.00980	5.9925	10.474	2.9386
13	Mg2790	24.910	.00586	.00464	17.428	20.107	3.1131
14	Mn2576	.50207	.00012	.00056	1.0813	.97716	.12681
15	Mo2020	.49179	.00124	-.00052	.00025	.00031	-.00010
16	Na3302	24.662	.13689	.13879	7.3240	18.025	2.3943
17	Ni2316	.49914	-.00027	-.00020	.01191	.08520	.00038
18	2203/1	.49723	.00214	-.00054	.00256	.00400	-.00108
19	2203/2	.50274	.00022	-.00031	.00385	.00193	.00097
20	Sb2068	.49905	.00167	-.00027	-.00080	-.00017	.00341
21	1960/1	.51332	.00318	.00155	-.00186	.00629	-.00253
22	1960/2	.51388	-.00569	.00024	-.00634	.00008	-.00431
23	Ti3372	.50992	.00040	.00010	.00233	.00293	.00238
24	Tl1908	.50483	-.00321	-.00185	-.00493	-.00250	-.00273
25	V_2924	.49341	.00053	.00000	.00164	.00013	.00056
26	Zn2062	.49769	.00014	.00062	.11669	.12939	.00136
27	Sn1899	.49899	.00247	.00154	.00150	.00246	.00085
28	Ag3280	.47559	-.00011	.00024	.00033	.00001	-.00023
29	*Y	4074.11	4055.62	4110.56	4096.12	4112.06	4111.2
30	PB2203	.50090	.00086	-.00039	.00342	.00262	.00028
31	SE1960	.51369	-.00273	.00068	-.00485	.00215	-.00372

#	Element	AD839973	AD839974	CCV	CCB
1	Al3082	.05329	.15488	25.351	.03144
2	As1890	.00081	-.00009	.49060	.00008
3	B_2496	.04618	.05178	.49985	-.00094
4	Ba4934	.06456	.09832	.50466	.00012
5	Be3130	.00000	.00000	.50076	.00013
6	Ca3179	47.342	46.378	25.042	.00418
7	Cd2265	-.00009	-.00014	.49532	.00005
8	Co2286	.00025	-.00001	.49295	-.00019
9	Cr2677	.00032	.00020	.51039	-.00006
10	Cu3247	.00020	.00005	.49160	-.00057
11	Fe2714	4.1866	4.2062	24.756	.00903
12	K_7664	6.4472	5.9493	25.395	.00766
13	Mg2790	8.2215	7.5883	25.145	.00485
14	Mn2576	.06078	.06166	.50266	.00010
15	Mo2020	.00006	-.00041	.49405	.00092
16	Na3302	4.0648	3.2438	25.021	-.02742
17	Ni2316	.00023	.00003	.50076	-.00013
18	2203/1	-.00174	.00153	.50033	-.00064

#	Element	AD839973	AD839974	CCV	CCB
19	2203/2	.00203	.00043	.50849	.00079
20	Sb2068	-.00231	-.00172	.50673	-.00174
21	1960/1	-.00204	.00416	.52211	-.00048
22	1960/2	.00095	-.00293	.51548	-.00198
23	Ti3372	.00056	.00315	.51582	.00020
24	Tl1908	-.00378	-.00115	.50693	-.00324
25	V_2924	.00037	.00101	.49785	-.00024
26	Zn2062	.00159	.00320	.50216	.00023
27	Sn1899	.00130	-.00004	.50000	-.00036
28	Ag3280	-.00044	-.00023	.47535	-.00036
29	*Y	4107.41	4109.29	4082.03	4088.78
30	PB2203	.00077	.00080	.50577	.00031
31	SE1960	-.00004	-.00057	.51769	-.00148

Curvefit

Fit Status Summary 05/22/08 11:50:16 AM

page 1

Method: TRACE2

Mode: Concentration

Standards Table: NAKCAMG

Data File: AMAY2208

Element	Wavelength	Date-of-Fit	Type-of-Fit	Correlation
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Ca3179	317.933	05/22/08 11:49	Full Fit	1.000000
K_7664	766.491	05/22/08 11:49	Full Fit	.999947
Mg2790	279.078	05/22/08 11:49	Full Fit	.999990
Na3302	330.232	05/22/08 11:50	Full Fit	.999993

Calibration Report

05/22/08 11:18:18 AM

page 1

Method: TRACE2 Standard Name: STD BLK

Operator:

Run Time: 05/22/08 11:14:54

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	.0415230	-.062716	.0435324	.0105973
SDev	.0031163	.005765	.0068743	.0035485
%RSD	7.505055	9.192900	15.79115	33.48481

#1	.0437266	-.058639	.0386715	.0080882
#2	.0393195	-.066793	.0483932	.0131065

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3962	--	--	--	--	--	--
SDev	7.848954	--	--	--	--	--	--
%RSD	.1981084	--	--	--	--	--	--
#1	3956	--	--	--	--	--	--
#2	3968	--	--	--	--	--	--

Calibration Report

05/22/08 11:22:39 AM

page 1

Method: TRACE2 Standard Name: STD 1

Operator:

Run Time: 05/22/08 11:19:16

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	6.534646	6.851151	12.63647	.2781595
SDev	.028029	.031944	.02701	.0019636
%RSD	.4289344	.4662565	.2137815	.7059185

#1	6.554465	6.873739	12.65557	.2767711
#2	6.514826	6.828563	12.61737	.2795480

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3965	--	--	--	--	--	--
SDev	17.76606	--	--	--	--	--	--
%RSD	.4480396	--	--	--	--	--	--

#1	3953	--	--	--	--	--	--
#2	3978	--	--	--	--	--	--

Calibration Report

05/22/08 11:28:09 AM

page 1

Method: TRACE2 Standard Name: STD 2

Operator:

Run Time: 05/22/08 11:24:45

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avge	31.93752	32.60308	63.27070	1.405732
SDev	.17105	.00544	.23134	.005150
%RSD	.5355859	.0166958	.3656305	.3663638

#1	31.81656	32.59923	63.43428	1.402090
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#2	32.05847	32.60693	63.10712	1.409373
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Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3981	--	--	--	--	--	--
SDev	68.41258	--	--	--	--	--	--
%RSD	1.718445	--	--	--	--	--	--

#1	3933	--	--	--	--	--	--
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#2	4029	--	--	--	--	--	--
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Calibration Report

05/22/08 11:33:40 AM

page 1

Method: TRACE2 Standard Name: STD 3
 Run Time: 05/22/08 11:30:16
 Comment:
 Correction Factor: 1

Operator:

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	63.26761	61.50011	125.3057	2.883175
SDev	.15496	.12134	.3462	.012367
%RSD	.2449238	.1972957	.2762846	.4289333

#1	63.37718	61.58590	125.5505	2.891920
#2	63.15804	61.41431	125.0609	2.874430

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	4018	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.0593980	--	--	--	--	--	--

#1	4019	--	--	--	--	--	--
#2	4016	--	--	--	--	--	--

Calibration Report

05/22/08 11:39:08 AM

page 1

Method: TRACE2 Standard Name: NAKCAMG100

Operator:

Run Time: 05/22/08 11:35:45

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	124.7077	114.2828	252.7488	5.939884
SDev	.8715	.3443	1.1523	.029141
%RSD	.6987971	.3012620	.4558972	.4906046

#1	124.0915	114.0393	251.9340	5.919278
#2	125.3239	114.5262	253.5635	5.960490

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	3959	--	--	--	--	--	--
SDev	2.757820	--	--	--	--	--	--
%RSD	.0696564	--	--	--	--	--	--

#1	3961	--	--	--	--	--	--
#2	3957	--	--	--	--	--	--

Calibration Report

05/22/08 11:48:33 AM

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Method: TRACE2 Standard Name: NAKCAMG400

Run Time: 05/22/08 11:45:10

Operator:

Comment:

Correction Factor: 1

Elem	Ca3179	K_7664	Mg2790	Na3302
Avg	470.9285	359.5489	1085.569	26.71090
SDev	3.1624	.6504	1.518	.20314
%RSD	.6715262	.1808984	.1398234	.7605023

#1	473.1646	360.0088	1086.642	26.85454
#2	468.6923	359.0890	1084.496	26.56726

Factor	1.000000	1.000000	1.000000	1.000000
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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	3770	--	--	--	--	--	--
SDev	17.50089	--	--	--	--	--	--
%RSD	.4641931	--	--	--	--	--	--
#1	3758	--	--	--	--	--	--
#2	3783	--	--	--	--	--	--

Standardization Rpt.

07/17/08 10:35:55 AM

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Method: TRACE2 Standard: STD BLK
 Run Time: 07/17/08 10:30:34

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	.05124	.00449	.01547	-.00109	.25502	.01335	-.01502
SDev	.00049	.01535	.00989	.00052	.00313	.00064	.00377
%RSD	.95941	342.08	63.920	47.991	1.2262	4.7807	25.093
#1	.05159	.01534	.00848	-.00145	.25723	.01381	-.01235
#2	.05090	-.00637	.02246	-.00072	.25281	.01290	-.01768
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	-.00181	.00266	.02238	.00037	-.08930	-.00059	.00133
SDev	.00053	.00275	.00089	.00290	.01564	.00187	.00052
%RSD	29.204	103.30	4.0001	772.64	17.519	314.87	39.456
#1	-.00218	.00460	.02301	.00242	-.07823	.00073	.00170
#2	-.00143	.00072	.02174	-.00167	-.10036	-.00191	.00096
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	.00409	.00360	-.05345	-.00925	.00249	.00314	-.01536
SDev	.00004	.00167	.01701	.02849	.00729	.00241	.00802
%RSD	.95940	46.286	31.824	308.14	292.68	76.829	52.206
#1	.00412	.00242	-.04142	.01090	-.00266	.00484	-.00969
#2	.00406	.00478	-.06547	-.02939	.00765	.00143	-.02103
Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	.03653	.07355	-.01068	.00084	.00204	-.01215	-.00207
SDev	.01685	.01176	.00331	.00018	.00015	.02631	.00529
%RSD	46.133	15.993	30.990	21.142	7.3624	216.49	255.68
#1	.04844	.08187	-.00834	.00097	.00194	-.03076	-.00581
#2	.02461	.06523	-.01302	.00072	.00215	.00645	.00167

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4157	--	--	--	--	--	--
SDev	39.88075	--	--	--	--	--	--
%RSD	.9594099	--	--	--	--	--	--
#1	4129	--	--	--	--	--	--
#2	4185	--	--	--	--	--	--

Standardization Rpt.

07/17/08 10:40:52 AM

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Method: TRACE2 Standard: STD 1
 Run Time: 07/17/08 10:35:58

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	8.5044	.64250	1.4310	4.4184	7.8496	12.334	.71071
SDev	.0526	.00609	.0117	.0275	.0287	.008	.00140
%RSD	.61806	.94809	.81459	.62199	.36537	.06174	.19686
#1	8.5416	.63819	1.4393	4.4379	7.8699	12.340	.71170
#2	8.4672	.64680	1.4228	4.3990	7.8293	12.329	.70972
Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	2.0059	.92717	1.9708	1.4143	1.1733	5.2196	1.5885
SDev	.0021	.00771	.0038	.0006	.0018	.0311	.0173
%RSD	.10702	.83192	.19370	.04124	.15031	.59584	1.0883
#1	2.0074	.93262	1.9681	1.4147	1.1745	5.2416	1.6007
#2	2.0044	.92172	1.9735	1.4139	1.1720	5.1976	1.5763
Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	1.5691	.39878	.43799	.80599	5.4651	.44118	.29910
SDev	.0031	.00079	.03478	.01214	.0366	.01646	.00015
%RSD	.20053	.19734	7.9396	1.5058	.66906	3.7307	.05185
#1	1.5713	.39933	.46258	.81457	5.4909	.42954	.29899
#2	1.5669	.39822	.41340	.79741	5.4392	.45282	.29921
Elem	Zn2062	Sn1899	Ag3280				
Avge	.24562	2.0766	1.6166				
SDev	.00120	.0085	.0033				
%RSD	.49061	.40708	.20566				
#1	.24647	2.0826	1.6142				
#2	.24476	2.0706	1.6189				

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4151	--	--	--	--	--	--
SDev	.2119939	--	--	--	--	--	--
%RSD	.0051073	--	--	--	--	--	--
#1	4151	--	--	--	--	--	--
#2	4151	--	--	--	--	--	--

Method: TRACE2 Standard: STD 2
 Run Time: 07/17/08 10:40:56

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Cd2265	Co2286
Avge	42.353	3.2390	7.0441	21.926	38.395	60.912	3.5615
SDev	.199	.0119	.0031	.087	.183	.062	.0005
%RSD	.46894	.36597	.04471	.39640	.47784	.10111	.01306
#1	42.212	3.2474	7.0419	21.865	38.265	60.956	3.5618
#2	42.493	3.2306	7.0463	21.988	38.524	60.868	3.5612
Elem	Cr2677	Cu3247	Fe2714	Mn2576	Mo2020	Ni2316	2203/1
Avge	10.042	4.5626	9.8137	7.0400	5.8925	26.579	7.8474
SDev	.005	.0182	.0030	.0061	.0237	.155	.0243
%RSD	.04597	.39825	.03091	.08618	.40276	.58419	.30970
#1	10.039	4.5497	9.8115	7.0443	5.8757	26.470	7.8302
#2	10.046	4.5754	9.8158	7.0357	5.9092	26.689	7.8646
Elem	2203/2	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924
Avge	7.7831	1.9397	2.2587	3.8524	26.832	2.1860	1.4846
SDev	.0241	.0001	.0315	.0060	.065	.0265	.0019
%RSD	.30990	.00289	1.3956	.15670	.24117	1.2139	.12895
#1	7.7660	1.9397	2.2364	3.8567	26.786	2.1672	1.4859
#2	7.8001	1.9398	2.2810	3.8482	26.878	2.2048	1.4832
Elem	Zn2062	Sn1899	Ag3280				
Avge	1.2084	10.465	8.0848				
SDev	.0002	.027	.0082				
%RSD	.02048	.26019	.10194				
#1	1.2082	10.446	8.0906				
#2	1.2085	10.484	8.0789				

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4144	--	--	--	--	--	--
SDev	.8486662	--	--	--	--	--	--
%RSD	.0204814	--	--	--	--	--	--
#1	4144	--	--	--	--	--	--
#2	4143	--	--	--	--	--	--

Method: TRACE2 Standard: STD 3
 Run Time: 07/17/08 10:45:53

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Avge	85.163	6.5353	14.113	44.214	75.860	65.269	121.20
SDev	.189	.0368	.018	.106	.203	.132	.08
%RSD	.22177	.56256	.12875	.23873	.26716	.20275	.06543
#1	85.297	6.5093	14.101	44.289	76.003	65.362	121.26
#2	85.030	6.5613	14.126	44.140	75.716	65.175	121.15
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Avge	7.1098	19.860	9.1061	19.494	71.304	119.91	14.006
SDev	.0085	.026	.0238	.024	.018	.09	.017
%RSD	.11980	.12986	.26098	.12339	.02500	.07469	.12163
#1	7.1158	19.878	9.1229	19.511	71.317	119.98	14.018
#2	7.1037	19.842	9.0893	19.477	71.292	119.85	13.994
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	Sb2068	1960/1
Avge	11.807	3.1406	52.439	15.544	15.603	3.9127	4.4560
SDev	.037	.0075	.122	.051	.037	.0155	.0426
%RSD	.31257	.23978	.23212	.32956	.24028	.39682	.95542
#1	11.781	3.1352	52.525	15.580	15.629	3.9017	4.4861
#2	11.833	3.1459	52.353	15.508	15.576	3.9236	4.4259
Elem	1960/2	Ti3372	Tl1908	V_2924	Zn2062	Sn1899	Ag3280
Avge	7.7615	54.090	4.4353	2.9865	2.4015	20.942	16.215
SDev	.0019	.108	.0100	.0014	.0001	.012	.008
%RSD	.02396	.19974	.22590	.04523	.00486	.05914	.04904
#1	7.7628	54.166	4.4282	2.9874	2.4015	20.934	16.221
#2	7.7602	54.013	4.4424	2.9855	2.4014	20.951	16.210

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4127	--	--	--	--	--	--
SDev	9.917104	--	--	--	--	--	--
%RSD	.2402814	--	--	--	--	--	--
#1	4120	--	--	--	--	--	--
#2	4134	--	--	--	--	--	--

Standardization

Report

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Method: TRACE2

Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	.590209	-.030121	07/17/08 10:45:53
As1890	189.042	Multiple	Standards	.154184	-.000681	07/17/08 10:45:53
B_2496	249.678	Multiple	Standards	.070977	-.001101	07/17/08 10:45:53
Ba4934	493.409	Multiple	Standards	.022682	.000023	07/17/08 10:45:53
Be3130	313.042	Multiple	Standards	.013170	-.003359	07/17/08 10:45:53
Ca3179	317.933	STD 3	STD BLK	.968905	.028584	07/17/08 10:45:53
Cd2265	226.502	Multiple	Standards	.008188	.000114	07/17/08 10:45:53
Co2286	228.616	Multiple	Standards	.140408	.000253	07/17/08 10:45:53
Cr2677	267.716	Multiple	Standards	.050029	-.000135	07/17/08 10:45:53
Cu3247	324.753	Multiple	Standards	.110323	-.002467	07/17/08 10:45:53
Fe2714	271.441	Multiple	Standards	2.55046	-.001180	07/17/08 10:45:53
K_7664	766.491	STD 3	STD BLK	.862303	.014285	07/17/08 10:45:53
Mg2790	279.078	STD 3	STD BLK	1.04461	.044151	07/17/08 10:45:53
Mn2576	257.610	Multiple	Standards	.071078	-.000098	07/17/08 10:45:53
Mo2020	202.030	Multiple	Standards	.085005	-.000343	07/17/08 10:45:53
Na3302	330.232	STD 3	STD BLK	.915723	.007300	07/17/08 10:45:53
Ni2316	231.604	Multiple	Standards	.018911	.001012	07/17/08 10:45:53
2203/1	220.351	Multiple	Standards	.065053	.000588	07/17/08 10:45:53
2203/2	220.352	Multiple	Standards	.063146	-.000160	07/17/08 10:45:53
PB2203	220.353	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
SE1960	196.026	NONE	NONE	.000000	.000000	*NOT STANDARDIZED
Sb2068	206.838	Multiple	Standards	.256237	-.000813	07/17/08 10:45:53
1960/1	196.021	Multiple	Standards	.221362	.003396	07/17/08 10:45:53
1960/2	196.022	Multiple	Standards	.128236	-.004685	07/17/08 10:45:53
Ti3372	337.280	Multiple	Standards	.018581	-.001368	07/17/08 10:45:53
Tl1908	190.864	Multiple	Standards	.221854	.002358	07/17/08 10:45:53
V_2924	292.402	Multiple	Standards	.335832	-.000284	07/17/08 10:45:53
Zn2062	206.200	Multiple	Standards	.413264	-.000852	07/17/08 10:45:53
Sn1899	189.989	Multiple	Standards	.047780	.000583	07/17/08 10:45:53
Ag3280	328.068	Multiple	Standards	.061757	.000128	07/17/08 10:45:53

Standardization

Readback Report

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Method: TRACE2

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	STD BLK	.000000	.000124	-.000124
		STD 1	5.00000	4.98924	.010759
		STD 2	25.0000	24.9669	.033058
		STD 3	50.0000	50.2339	-.233925

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	STD BLK	.000000	.000011	-.000011
		STD 1	.100000	.098382	.001618
		STD 2	.500000	.498723	.001277
		STD 3	1.00000	1.00696	-.006956

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.100471	-.000471
		STD 2	.500000	.498871	.001129
		STD 3	1.00000	1.00063	-.000627

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100241	-.000241
		STD 2	.500000	.497354	.002646
		STD 3	1.00000	1.00288	-.002884

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	STD BLK	.000000	-.000000	.000000
		STD 1	.100000	.100020	-.000020
		STD 2	.500000	.502299	-.002299
		STD 3	1.00000	.995716	.004284

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Ca3179	317.933	STD BLK	.041523	.013355	.028168
		STD 3	63.2676	65.2686	-2.00096

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101107	-.001107
		STD 2	.500000	.498861	.001139
		STD 3	1.00000	.992536	.007464

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100042	-.000042
		STD 2	.500000	.500320	-.000320
		STD 3	1.00000	.998523	.001477

CorCoef: 1.00000

Standardization

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	STD BLK	.000000	-.000002	.000002
		STD 1	.100000	.100217	-.000217
		STD 2	.500000	.502274	-.002274
		STD 3	1.000000	.993445	.006555

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.753	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099821	.000179
		STD 2	.500000	.500890	-.000890
		STD 3	1.000000	1.00215	-.002147

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	STD BLK	.000000	-.000224	.000224
		STD 1	5.000000	5.02532	-.025322
		STD 2	25.000000	25.0282	-.028202
		STD 3	50.000000	49.7176	.282421

CorCoef: 0.99999

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	STD BLK	-.062716	-.089297	.026581
		STD 3	61.5001	71.3042	-9.80412

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Mg2790	279.078	STD BLK	.043532	-.000592	.044125
		STD 3	125.306	119.913	5.39305

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100427	-.000427
		STD 2	.500000	.500289	-.000289
		STD 3	1.000000	.995446	.004554

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	STD BLK	.000000	.000005	-.000005
		STD 1	.100000	.099391	.000609
		STD 2	.500000	.500545	-.000545
		STD 3	1.000000	1.00330	-.003298

CorCoef: 1.00000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	STD BLK	.010597	.003601	.006997
		STD 3	2.88318	3.14055	-.257377

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	STD BLK	.000000	.000001	-.000001
		STD 1	.100000	.099719	.000281
		STD 2	.500000	.503652	-.003652
		STD 3	1.000000	.992685	.007315

CorCoef: 0.99997

Standardization

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	STD BLK	.000000	-.000013	.000013
		STD 1	.100000	.103925	-.003925
		STD 2	.500000	.511089	-.011089
		STD 3	1.000000	1.01177	-.011766

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	STD BLK	.000000	-.000003	.000003
		STD 1	.100000	.098922	.001078
		STD 2	.500000	.491310	.008690
		STD 3	1.000000	.985091	.014909

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
PB2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
SE1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	STD BLK	.000000	-.000009	.000009
		STD 1	.100000	.101369	-.001369
		STD 2	.500000	.496219	.003781
		STD 3	1.000000	1.00175	-.001755

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	STD BLK	.000000	-.000004	.000004
		STD 1	.100000	.100350	-.000350
		STD 2	.500000	.503378	-.003378
		STD 3	1.000000	.989785	.010215

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.098672	.001328
		STD 2	.500000	.489339	.010661
		STD 3	1.000000	.990624	.009376

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3372	337.280	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100177	-.000177
		STD 2	.500000	.497183	.002817
		STD 3	1.000000	1.00365	-.003647

CorCoef: 0.99999

Standardization

Readback Report

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	STD BLK	.000000	-.000012	.000012
		STD 1	.100000	.100235	-.000235
		STD 2	.500000	.487332	.012668
		STD 3	1.000000	.986344	.013656
CorCoef: 0.99997					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	STD BLK	.000000	-.000001	.000001
		STD 1	.100000	.100163	-.000163
		STD 2	.500000	.498285	.001715
		STD 3	1.000000	1.00267	-.002668
CorCoef: 0.99999					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	STD BLK	.000000	-.000007	.000007
		STD 1	.100000	.100652	-.000652
		STD 2	.500000	.498523	.001477
		STD 3	1.000000	.991582	.008418
CorCoef: 1.00000					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	STD BLK	.000000	.000002	-.000002
		STD 1	.100000	.099801	.000199
		STD 2	.500000	.500593	-.000593
		STD 3	1.000000	1.00120	-.001197
CorCoef: 1.00000					

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	STD BLK	.000000	.000000	-.000000
		STD 1	.100000	.099962	.000038
		STD 2	.500000	.499419	.000581
		STD 3	1.000000	1.00154	-.001542
CorCoef: 1.00000					

Analysis Report

Blank Sample

07/17/08 10:56:39 AM

page 1

Method: TRACE2 Sample Name: STD 3 VER Operator: AH
 Run Time: 07/17/08 10:51:18
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	50.625	1.0277	1.0064	1.0133	1.0018	50.492	.99920
SDev	.093	.0074	.0007	.0024	.0015	.098	.00091
%RSD	.18332	.72178	.07025	.23796	.14800	.19328	.09068
#1	50.559	1.0225	1.0059	1.0116	1.0007	50.423	.99984
#2	50.691	1.0330	1.0069	1.0150	1.0028	50.561	.99856
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0051	.99919	1.0086	49.976	50.438	50.196	1.0005
SDev	.0002	.00018	.0024	.054	.062	.062	.0007
%RSD	.02317	.01759	.23459	.10759	.12362	.12294	.07176
#1	1.0053	.99907	1.0069	50.014	50.482	50.240	1.0010
#2	1.0049	.99932	1.0103	49.938	50.393	50.152	.99994
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0127	50.688	1.0022	.99885	1.0147	1.0094	1.0127
SDev	.0016	.030	.0015	.00147	.0042	.0033	.0038
%RSD	.16209	.05907	.15145	.14766	.40990	.32349	.37104
#1	1.0115	50.710	1.0011	.99781	1.0118	1.0071	1.0100
#2	1.0138	50.667	1.0033	.99990	1.0177	1.0117	1.0154
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	1.0123	.99750	1.0203	1.0133	1.0121	1.0086	.99983
SDev	.0011	.00025	.0055	.0020	.0098	.0001	.00041
%RSD	.10713	.02473	.54032	.19302	.96578	.01122	.04068
#1	1.0131	.99733	1.0164	1.0119	1.0052	1.0087	1.0001
#2	1.0115	.99768	1.0242	1.0147	1.0190	1.0085	.99954
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	1.0068	1.0068
SDev	.0000	.0017
%RSD	.00330	.17187

#1	1.0069	1.0080
#2	1.0068	1.0055

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4111	--	--	--	--	--	--
SDev	1.644161	--	--	--	--	--	--
%RSD	.0399919	--	--	--	--	--	--
#1	4110	--	--	--	--	--	--
#2	4112	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 11:02:03 AM

page 1

Method: TRACE2 Sample Name: ICV

Operator: AH

Run Time: 07/17/08 10:56:42

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	19.192	.37420	.37852	.38432	.37864	18.904	.37473
SDev	.009	.00147	.00101	.00014	.00013	.008	.00008
%RSD	.04640	.39425	.26783	.03694	.03443	.04111	.02024
#1	19.199	.37524	.37924	.38442	.37873	18.909	.37478
#2	19.186	.37316	.37781	.38422	.37855	18.898	.37468
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	18.750	.37500	.37500	.37500	.37500	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37259	.38620	.37151	18.700	19.309	18.720	.37998
SDev	.00033	.00024	.00036	.012	.018	.025	.00020
%RSD	.08936	.06262	.09593	.06543	.09422	.13253	.05392
#1	.37282	.38638	.37126	18.709	19.322	18.738	.38013
#2	.37235	.38603	.37176	18.692	19.297	18.703	.37984
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500	.37500	.37500	18.750	18.750	18.750	.37500
Range	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37684	18.792	.38143	.37560	.38705	.38324	.38823
SDev	.00054	.150	.00042	.00156	.00139	.00145	.00076
%RSD	.14310	.79912	.11022	.41672	.35952	.37819	.19501
#1	.37722	18.899	.38113	.37671	.38804	.38426	.38877
#2	.37646	18.686	.38172	.37450	.38607	.38221	.38770
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.37500	18.750	.37500			.37500	.37500
Range	5.0000	5.0000	5.0000			5.0000	5.0000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37400	.38152	.39159	.39008	.38499	.37361	.38096
SDev	.00362	.00110	.00169	.00023	.00061	.00021	.00053
%RSD	.96827	.28891	.43075	.05861	.15865	.05672	.13917
#1	.37144	.38075	.39279	.39024	.38542	.37376	.38133
#2	.37656	.38230	.39040	.38992	.38455	.37346	.38058
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.37500			.37500	.37500	.37500	.37500
Range	5.0000			5.0000	5.0000	5.0000	5.0000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.37975	Q.35533
SDev	.00285	.00011
%RSD	.75103	.03207

#1	.38177	Q.35541
#2	.37774	Q.35525

Errors	QC Pass	QC Fail
Value	.37500	.37500
Range	5.0000	5.0000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4147	--	--	--	--	--	--
SDev	14.16009	--	--	--	--	--	--
%RSD	.3414837	--	--	--	--	--	--
#1	4157	--	--	--	--	--	--
#2	4137	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 11:07:27 AM

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Method: TRACE2 Sample Name: ICB

Operator: AH

Run Time: 07/17/08 11:02:07

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00475	-.00003	.00082	.00008	.00009	.00614	.00013
SDev	.00258	.00037	.00053	.00010	.00006	.00322	.00007
%RSD	54.202	1170.3	65.498	120.27	70.819	52.500	57.613

#1	.00293	-.00029	.00120	.00001	.00004	.00386	.00008
#2	.00657	.00023	.00044	.00015	.00013	.00841	.00018

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00041	-.00020	.00374	.00533	.00367	.00010
SDev	.00046	.00024	.00019	.00260	.00529	.00092	.00009
%RSD	167.46	58.739	93.289	69.624	99.155	25.184	85.409

#1	-.00059	.00058	-.00007	.00190	.00159	.00301	.00004
#2	.00005	.00024	-.00034	.00558	.00907	.00432	.00016

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00105	-.04958	-.00030	.00223	.00126	.00158	.00030
SDev	.00006	.08438	.00002	.00124	.00105	.00112	.00346
%RSD	5.3667	170.18	6.0173	55.530	83.821	70.534	1160.8

#1	.00101	.01008	-.00031	.00136	.00051	.00079	.00275
#2	.00109	-.10924	-.00029	.00311	.00200	.00237	-.00215

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00170	.00247	-.00079	.00021	-.00102	.00004	.00005
SDev	.00116	.00706	.00167	.00026	.00018	.00011	.00014
%RSD	67.847	286.34	212.18	123.16	17.595	280.05	312.97

#1	.00089	.00746	.00039	.00003	-.00089	-.00004	.00015
#2	.00252	-.00253	-.00196	.00040	-.00115	.00012	-.00005

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
------	--------	--------

Units	ppm	ppm
Avge	.00055	.00017
SDev	.00014	.00043
%RSD	25.026	261.25

#1	.00046	-.00014
#2	.00065	.00047

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4145	--	--	--	--	--	--
SDev	4.772971	--	--	--	--	--	--
%RSD	.1151390	--	--	--	--	--	--
#1	4142	--	--	--	--	--	--
#2	4149	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 11:12:50 AM

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Method: TRACE2 Sample Name: CRI

Operator: AH

Run Time: 07/17/08 11:07:30

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20905	.01271	.02210	.00227	.00208	.48101	.00111
SDev	.00149	.00019	.00085	.00002	.00003	.00231	.00012
%RSD	.71485	1.4937	3.8229	.80689	1.5364	.48080	11.028
#1	.21010	.01284	.02270	.00229	.00205	.47937	.00102
#2	.20799	.01257	.02150	.00226	.00210	.48264	.00119
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00403	.00459	.00980	.05099	.48242	.19786	.00324
SDev	.00002	.00032	.00041	.01031	.00543	.00263	.00002
%RSD	.39451	7.0134	4.1426	20.228	1.1264	1.3292	.52541
#1	.00404	.00482	.01008	.05828	.48626	.19600	.00325
#2	.00401	.00437	.00951	.04369	.47858	.19972	.00323
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01037	1.1555	.01002	.00705	.00444	.00531	.01439
SDev	.00014	.1227	.00001	.00011	.00047	.00035	.00014
%RSD	1.3383	10.620	.12519	1.5138	10.693	6.6339	.96797
#1	.01027	1.2422	.01003	.00712	.00477	.00555	.01449
#2	.01047	1.0687	.01001	.00697	.00410	.00506	.01429
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02038	.01939	.01189	.00510	.02308	.00599	.01158
SDev	.00094	.00109	.00075	.00010	.00353	.00027	.00003
%RSD	4.6226	5.6224	6.3429	1.8991	15.306	4.5446	.22854
#1	.01971	.01862	.01242	.00517	.02557	.00618	.01156
#2	.02104	.02016	.01135	.00503	.02058	.00580	.01160
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.01089	.00346
SDev	.00051	.00046
%RSD	4.6549	13.170

#1	.01125	.00378
#2	.01053	.00314

Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4151	--	--	--	--	--	--
SDev	8.909615	--	--	--	--	--	--
%RSD	.2146559	--	--	--	--	--	--
#1	4157	--	--	--	--	--	--
#2	4144	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 11:18:14 AM

page 1

Method: TRACE2 Sample Name: ICSA

Operator: AH

Run Time: 07/17/08 11:12:54

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	514.94	-.00148	.00146	.00094	.00094	491.98	.00036
SDev	.38	.00282	.00019	.00002	.00001	.39	.00003
%RSD	.07454	190.49	12.940	2.2769	1.1718	.08010	6.8758

#1	514.67	-.00348	.00159	.00092	.00094	492.26	.00038
#2	515.21	.00051	.00133	.00095	.00095	491.70	.00034

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00045	-.00011	.00005	192.12	-.00083	505.52	.00183
SDev	.00013	.00024	.00039	.36	.00013	1.52	.00001
%RSD	28.321	227.12	812.41	.18593	15.532	.30148	.40503

#1	.00054	-.00028	-.00023	192.37	-.00074	506.60	.00183
#2	.00036	.00006	.00032	191.87	-.00092	504.44	.00182

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00122	-.26695	.00036	-.00440	.00209	-.00007	-.01390
SDev	.00111	.13367	.00035	.00315	.00238	.00054	.00089
%RSD	90.882	50.072	96.218	71.464	113.72	764.03	6.3739

#1	.00201	-.17243	.00012	-.00218	.00041	-.00045	-.01453
#2	.00044	-.36146	.00061	-.00663	.00377	.00031	-.01328

Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	-.01201	-.01485	.00117	-.01237	-.00057	-.00262
SDev	.00288	.00869	.00568	.00003	.00147	.00006	.00015
%RSD	1136.7	72.350	38.215	2.2011	11.874	9.8814	5.6419

#1	-.00179	-.00587	-.01886	.00119	-.01340	-.00060	-.00251
#2	.00229	-.01816	-.01084	.00115	-.01133	-.00053	-.00272

Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280
------	--------	--------

Units	ppm	ppm
Avge	.00011	.00017
SDev	.00160	.00026
%RSD	1505.0	152.79

#1	-.00102	.00035
#2	.00124	-.00001

Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3909	--	--	--	--	--	--
SDev	13.73558	--	--	--	--	--	--
%RSD	.3513734	--	--	--	--	--	--
#1	3899	--	--	--	--	--	--
#2	3919	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 11:23:37 AM

page 1

Method: TRACE2 Sample Name: ICSAB

Operator: AH

Run Time: 07/17/08 11:18:17

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	518.42	.10016	.01626	.52460	.50572	495.46	.97150
SDev	.99	.00195	.00028	.00023	.00080	.93	.00073
%RSD	.19097	1.9466	1.7189	.04385	.15872	.18840	.07488
#1	519.12	.09878	.01606	.52444	.50628	496.12	.97202
#2	517.72	.10154	.01646	.52476	.50515	494.80	.97099
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48369	.50992	.50950	97.683	.00892	500.67	.48630
SDev	.00066	.00004	.00011	.002	.00361	.46	.00011
%RSD	.13604	.00808	.02056	.00186	40.531	.09196	.02304
#1	.48415	.50994	.50957	97.681	.01147	501.00	.48638
#2	.48322	.50989	.50943	97.684	.00636	500.35	.48622
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00055	-.04709	.94728	.04739	.05462	.05221	.04667
SDev	.00115	.07961	.00169	.00373	.00316	.00087	.00374
%RSD	211.60	169.05	.17807	7.8703	5.7918	1.6627	8.0162
#1	-.00027	-.10339	.94847	.04475	.05686	.05283	.04403
#2	.00136	.00920	.94608	.05002	.05238	.05160	.04932
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63214	.04369	.04817	.00323	.09233	.50217	.95698
SDev	.00558	.00682	.00220	.00023	.00013	.00041	.00130
%RSD	.88283	15.611	4.5719	7.1167	.13528	.08085	.13615
#1	.62819	.03887	.04661	.00339	.09242	.50246	.95790
#2	.63608	.04851	.04972	.00307	.09224	.50189	.95606
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00060	.21651
SDev	.00313	.00056
%RSD	517.03	.25805

#1	-.00161	.21690
#2	.00281	.21611

Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3904	--	--	--	--	--	--
SDev	.7954952	--	--	--	--	--	--
%RSD	.0203787	--	--	--	--	--	--
#1	3903	--	--	--	--	--	--
#2	3904	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 11:30:29 AM

page 1

Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/17/08 11:25:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.447	.49888	.50114	.50968	.50269	25.178	.49705
SDev	.060	.00020	.00095	.00011	.00046	.044	.00042
%RSD	.23431	.04070	.18881	.02215	.09097	.17537	.08487
#1	25.405	.49902	.50047	.50960	.50301	25.146	.49735
#2	25.489	.49873	.50181	.50976	.50237	25.209	.49675
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49472	.51434	.49374	24.869	25.688	24.828	.50542
SDev	.00015	.00006	.00038	.008	.024	.032	.00033
%RSD	.03050	.01073	.07748	.03080	.09485	.13025	.06562
#1	.49462	.51438	.49347	24.864	25.671	24.805	.50566
#2	.49483	.51430	.49401	24.875	25.705	24.851	.50519
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49825	25.166	.50568	.50169	.51262	.50898	.51278
SDev	.00167	.132	.00161	.00290	.00007	.00092	.00077
%RSD	.33588	.52453	.31887	.57776	.01458	.17985	.15086
#1	.49707	25.260	.50682	.49964	.51268	.50833	.51223
#2	.49944	25.073	.50454	.50373	.51257	.50963	.51333
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49545	.50244	.51796	.51856	.51581	.49691	.50461
SDev	.00059	.00201	.00216	.00057	.00118	.00000	.00114
%RSD	.11891	.39976	.41792	.10924	.22962	.00022	.22571
#1	.49504	.50386	.51643	.51896	.51664	.49691	.50542
#2	.49587	.50101	.51949	.51816	.51497	.49691	.50380
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50320	.47511
SDev	.00279	.00113
%RSD	.55456	.23831

#1	.50517	.47591
#2	.50122	.47431

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4121	--	--	--	--	--	--
SDev	2.863644	--	--	--	--	--	--
%RSD	.0694874	--	--	--	--	--	--
#1	4123	--	--	--	--	--	--
#2	4119	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 11:35:53 AM

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Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/17/08 11:30:32

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04369	-.00092	.00069	.00023	.00012	.03988	.00023
SDev	.01893	.00149	.00092	.00009	.00004	.01569	.00003
%RSD	43.325	161.32	132.62	37.828	33.341	39.342	10.840

#1	.03030	.00013	.00134	.00029	.00009	.02879	.00021
#2	.05707	-.00198	.00004	.00016	.00015	.05098	.00025

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00005	.00043	.00002	.01571	.00691	.04800	.00013
SDev	.00005	.00014	.00062	.00132	.00382	.00931	.00001
%RSD	94.065	31.823	3643.7	8.3982	55.330	19.404	9.2573

#1	-.00009	.00053	.00046	.01664	.00421	.04141	.00014
#2	-.00002	.00033	-.00042	.01478	.00961	.05459	.00012

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	-.05031	.00009	.00400	-.00087	.00075	-.00284
SDev	.00070	.02775	.00010	.00177	.00038	.00084	.00270
%RSD	42.928	55.145	116.06	44.198	43.905	111.93	95.364

#1	.00212	-.06993	.00016	.00275	-.00114	.00016	-.00475
#2	.00113	-.03070	.00002	.00525	-.00060	.00135	-.00092

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00278	-.00103	-.00374	.00039	-.00142	.00004	-.00006
SDev	.00133	.00860	.00024	.00018	.00132	.00011	.00014
%RSD	47.972	832.96	6.4545	46.289	92.979	281.46	251.93

#1	.00373	-.00711	-.00357	.00051	-.00048	-.00004	.00004
#2	.00184	.00505	-.00391	.00026	-.00235	.00012	-.00016

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Analysis Report

Blank Sample

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Units	ppm	ppm
Avge	.00047	.00050
SDev	.00093	.00040
%RSD	198.19	79.942

#1	.00112	.00078
#2	-.00019	.00022

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4153	--	--	--	--	--	--
SDev	3.818308	--	--	--	--	--	--
%RSD	.0919415	--	--	--	--	--	--
#1	4150	--	--	--	--	--	--
#2	4156	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839710/(1:50) Operator: AH
 Run Time: 07/17/08 11:43:48
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01600	13.501	.22357	.00106	.00005	.82391	.00018
SDev	.00524	.021	.00088	.00004	.00001	.00189	.00015
%RSD	32.774	.15709	.39549	4.0152	18.902	.22930	83.313
#1	.01970	13.486	.22294	.00109	.00005	.82257	.00028
#2	.01229	13.516	.22419	.00103	.00004	.82525	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.00912	.00111	.04667	70.539	.78154	.00197
SDev	.00035	.00038	.00044	.00036	.080	.00149	.00004
%RSD	33.963	4.1110	39.663	.77818	.11384	.19034	2.1358
#1	.00129	.00939	.00142	.04641	70.483	.78259	.00200
#2	.00079	.00886	.00080	.04693	70.596	.78049	.00194
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07246	H755.93	.02266	.01542	.01120	.01261	.00940
SDev	.00022	2.38	.00040	.00013	.00089	.00064	.00094
%RSD	.30301	.31522	1.7507	.85599	7.9472	5.0590	10.039
#1	.07231	H754.25	.02294	.01552	.01183	.01306	.00873
#2	.07262	H757.62	.02237	.01533	.01057	.01216	.01006
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04727	.00933	.00943	.00137	.00019	.00459	.00980
SDev	.00320	.00247	.00018	.00050	.00369	.00037	.00005
%RSD	6.7686	26.506	1.8857	36.220	1904.3	8.0207	.54025
#1	.04953	.00759	.00930	.00172	.00281	.00485	.00976
#2	.04500	.01108	.00955	.00102	-.00242	.00433	.00984
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00390	.00060
SDev	.00088	.00006
%RSD	22.653	9.2806

#1	.00453	.00064
#2	.00328	.00056

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3967	--	--	--	--	--	--
SDev	7.848954	--	--	--	--	--	--
%RSD	.1978387	--	--	--	--	--	--
#1	3962	--	--	--	--	--	--
#2	3973	--	--	--	--	--	--

Analysis Report

07/17/08 11:56:01 AM

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Method: TRACE2 Sample Name: AD839713/(1:100) Operator: AH
 Run Time: 07/17/08 11:50:41
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01653	6.5453	.10684	.00061	.00003	.41102	.00016
SDev	.00815	.0190	.00042	.00005	.00001	.00803	.00005
%RSD	49.330	.29026	.39134	7.4098	39.670	1.9526	32.719

#1	.01076	6.5587	.10654	.00064	.00002	.40535	.00012
#2	.02229	6.5318	.10714	.00058	.00004	.41670	.00019

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00013	.00436	.00037	.03448	33.238	.38408	.00105
SDev	.00017	.00011	.00066	.00214	.015	.01495	.00000
%RSD	128.54	2.5443	179.85	6.2129	.04491	3.8920	.28194

#1	.00026	.00428	.00084	.03296	33.249	.37351	.00105
#2	.00001	.00444	-.00010	.03599	33.228	.39465	.00104

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03478	399.41	.01057	.00553	.00654	.00621	.00190
SDev	.00076	.84	.00032	.00087	.00087	.00029	.00034
%RSD	2.1857	.20943	3.0188	15.790	13.276	4.6531	18.036

#1	.03531	H400.01	.01079	.00615	.00593	.00600	.00214
#2	.03424	398.82	.01034	.00491	.00716	.00641	.00166

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01919	.00578	-.00004	.00052	.00073	.00232	.00517
SDev	.00236	.00034	.00068	.00005	.00407	.00013	.00013
%RSD	12.318	5.9354	1566.8	9.1283	556.33	5.3826	2.5087

#1	.02086	.00554	.00044	.00055	.00360	.00241	.00508
#2	.01752	.00602	-.00053	.00048	-.00214	.00223	.00526

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00020	-.00017
SDev	.00019	.00049
%RSD	98.061	287.03

#1	.00006	.00017
#2	.00033	-.00051

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4039	--	--	--	--	--	--
SDev	10.39443	--	--	--	--	--	--
%RSD	.2573772	--	--	--	--	--	--
#1	4031	--	--	--	--	--	--
#2	4046	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839644/PB Operator: AH
 Run Time: 07/17/08 11:59:01
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02950	-.00124	.00530	.00007	-.00006	.05773	.00009
SDev	.00205	.00042	.00090	.00006	.00001	.00200	.00002
%RSD	6.9445	34.019	17.042	77.092	20.821	3.4716	16.000

#1	.02805	-.00154	.00466	.00011	-.00007	.05632	.00011
#2	.03095	-.00094	.00594	.00003	-.00005	.05915	.00008

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.08800	.00924	.01760	.00048	.00059	.22000	.00079
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00018	.00043	-.00015	.01097	.00934	.00293	.00033
SDev	.00019	.00014	.00022	.00428	.00585	.00059	.00004
%RSD	103.98	33.155	143.44	39.063	62.657	20.108	10.892

#1	-.00032	.00053	.00000	.01400	.01347	.00252	.00031
#2	-.00005	.00033	-.00031	.00794	.00520	.00335	H.00036

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00196	.00185	.00277	.04246	.05280	.09306	.00035
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	-.11304	-.00005	.00003	-.00008	-.00004	-.00214
SDev	.00014	.03657	.00041	.00210	.00106	.00001	.00430
%RSD	9495.2	32.357	866.62	7376.7	1391.3	21.913	201.13

#1	.00010	-.13890	-.00033	.00152	-.00083	-.00005	.00090
#2	-.00010	-.08717	.00024	-.00146	.00068	-.00004	-.00518

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.00462	.74580	.00242			.00638	.01342
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00254	.00350	-.00496	.00005	-.00164	.00020	.00092
SDev	.00173	.00798	.00246	.00031	.00006	.00000	.00000
%RSD	68.027	228.19	49.704	639.89	3.5544	.25815	.18470

#1	.00132	.00914	-.00322	.00027	-.00160	.00020	.00092
#2	.00377	-.00215	-.00670	-.00017	-.00168	.00020	.00092

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.01232			.00128	.01408	.00172	.00792
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
------	--------	--------

Units	ppm	ppm
Avge	.00097	.00044
SDev	.00125	.00010
%RSD	127.97	23.725

#1	.00186	.00051
#2	.00009	.00036

Errors	LC Pass	LC Pass
High	.00814	.00220
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4197	--	--	--	--	--	--
SDev	4.136644	--	--	--	--	--	--
%RSD	.0985531	--	--	--	--	--	--
#1	4200	--	--	--	--	--	--
#2	4194	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839643/FB Operator: AH
 Run Time: 07/17/08 12:04:24
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.245	.20433	.20761	.20540	.20309	10.166	.20331
SDev	.002	.00064	.00005	.00036	.00004	.002	.00040
%RSD	.02212	.31146	.02561	.17690	.01749	.02364	.19639
#1	10.246	.20478	.20758	.20514	.20311	10.164	.20359
#2	10.243	.20388	.20765	.20566	.20306	10.168	.20302
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19527	.20252	.20177	10.170	10.417	10.032	.20379
SDev	.00030	.00033	.00039	.004	.005	.013	.00029
%RSD	.15275	.16406	.19112	.04191	.05241	.13194	.14191
#1	.19549	.20276	.20150	10.173	10.420	10.042	.20399
#2	.19506	.20229	.20204	10.167	10.413	10.023	.20359
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20951	10.215	.20429	.20003	.20707	.20473	.20577
SDev	.00067	.172	.00040	.00194	.00139	.00028	.00030
%RSD	.31808	1.6842	.19630	.97060	.67108	.13695	.14655
#1	.20904	10.094	.20401	.20140	.20609	.20453	.20556
#2	.20998	10.337	.20457	.19865	.20806	.20492	.20598
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20400	.20221	.20756	.20497	.20389	.20491	.21043
SDev	.00133	.00354	.00132	.00031	.00185	.00001	.00038
%RSD	.65054	1.7511	.63505	.15323	.90729	.00535	.18058
#1	.20494	.19970	.20849	.20475	.20259	.20492	.21070
#2	.20306	.20471	.20663	.20519	.20520	.20490	.21016
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.20746	.05218
SDev	.00015	.00024
%RSD	.07056	.45757

#1	.20756	.05201
#2	.20736	.05235

Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4212	--	--	--	--	--	--
SDev	15.96307	--	--	--	--	--	--
%RSD	.3790207	--	--	--	--	--	--
#1	4223	--	--	--	--	--	--
#2	4200	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839642 Operator: AH
 Run Time: 07/17/08 12:09:47
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03566	.00106	.07080	.12734	.00000	73.462	.00014
SDev	.00411	.00057	.00052	.00012	.00003	.069	.00028
%RSD	11.536	53.962	.73462	.09085	964.76	.09370	192.18
#1	.03275	.00146	.07043	.12726	-.00002	73.413	-.00005
#2	.03857	.00065	.07116	.12742	.00002	73.510	.00034
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00041	.00047	.00222	1.1181	5.0571	18.255	.19716
SDev	.00045	.00060	.00038	.0098	.0015	.017	.00019
%RSD	111.64	127.25	17.065	.87617	.02966	.09558	.09699
#1	.00009	.00005	.00195	1.1112	5.0560	18.267	.19729
#2	.00073	.00089	.00248	1.1250	5.0581	18.242	.19702
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00520	23.271	.00514	.00392	.00517	.00475	-.00138
SDev	.00022	.293	.00031	.00172	.00307	.00147	.00175
%RSD	4.1948	1.2584	6.0647	43.840	59.378	31.045	126.95
#1	.00535	23.064	.00492	.00513	.00300	.00371	-.00262
#2	.00505	23.478	.00536	.00270	.00734	.00579	-.00014
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00001	-.00373	-.00021	.00017	.00124	.00063	.02145
SDev	.00409	.00473	.00026	.00019	.00248	.00097	.00025
%RSD	43698.	127.04	126.09	111.55	199.94	154.21	1.1848
#1	-.00288	-.00707	-.00040	.00004	-.00051	-.00006	.02127
#2	.00290	-.00038	-.00002	.00030	.00300	.00132	.02163
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00131	-.00009
SDev	.00009	.00048
%RSD	6.5410	518.71

#1	.00137	-.00043
#2	.00124	.00025

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4170	--	--	--	--	--	--
SDev	20.41771	--	--	--	--	--	--
%RSD	.4896289	--	--	--	--	--	--
#1	4184	--	--	--	--	--	--
#2	4156	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 12:24:56 PM

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Method: TRACE2 Sample Name: CRI

Operator: AH

Run Time: 07/17/08 12:19:36

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20924	.01056	.02137	.00215	.00203	.47710	.00104
SDev	.00262	.00039	.00046	.00001	.00001	.00008	.00011
%RSD	1.2495	3.6617	2.1688	.45293	.22818	.01669	10.229
#1	.20740	.01028	.02169	.00216	.00203	.47716	.00112
#2	.21109	.01083	.02104	.00215	.00203	.47705	.00096
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00393	.00424	.00915	.04752	.47785	.19485	.00318
SDev	.00010	.00023	.00027	.00039	.00008	.00120	.00003
%RSD	2.5056	5.3331	2.9786	.82157	.01699	.61459	.84735
#1	.00386	.00440	.00896	.04779	.47779	.19401	.00316
#2	.00400	.00408	.00934	.04724	.47790	.19570	.00320
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01102	1.1214	.00990	.00674	.00415	.00501	.01198
SDev	.00004	.1033	.00005	.00213	.00013	.00080	.00499
%RSD	.35034	9.2077	.49569	31.547	3.2137	15.908	41.620
#1	.01099	1.1945	.00987	.00524	.00405	.00445	.01551
#2	.01105	1.0484	.00994	.00825	.00424	.00558	.00846
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01755	.00975	.01310	.00507	.02071	.00533	.01155
SDev	.00381	.00771	.00363	.00015	.00373	.00017	.00013
%RSD	21.693	79.094	27.677	3.0379	18.021	3.1214	1.1260
#1	.01486	.01520	.01566	.00496	.01807	.00545	.01164
#2	.02024	.00430	.01054	.00518	.02335	.00522	.01146
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00962	.00334
SDev	.00020	.00063
%RSD	2.1053	18.967

#1	.00948	.00289
#2	.00976	.00378

Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4160	--	--	--	--	--	--
SDev	3.553142	--	--	--	--	--	--
%RSD	.0854185	--	--	--	--	--	--
#1	4162	--	--	--	--	--	--
#2	4157	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 12:30:20 PM

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Method: TRACE2 Sample Name: ICSA

Operator: AH

Run Time: 07/17/08 12:25:00

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	515.86	.00108	.00202	.00097	.00094	494.07	.00023
SDev	2.80	.00147	.00028	.00002	.00001	2.21	.00012
%RSD	.54279	135.73	13.880	2.0151	1.2746	.44665	53.335
#1	517.84	.00212	.00182	.00096	.00095	495.63	.00014
#2	513.88	.00004	.00222	.00098	.00094	492.51	.00032
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	-.00001	-.00027	192.11	.00276	504.29	.00181
SDev	.00056	.00014	.00040	.08	.00973	1.28	.00007
%RSD	74.002	2680.5	147.96	.04230	352.41	.25351	3.6997
#1	.00036	.00010	-.00055	192.17	.00964	505.19	.00186
#2	.00115	-.00011	.00001	192.05	-.00412	503.39	.00176
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00227	-.14252	.00063	-.00586	.00182	-.00074	-.00737
SDev	.00114	.14174	.00004	.00100	.00295	.00230	.00008
%RSD	50.310	99.458	6.7417	16.991	161.71	312.03	1.1457
#1	.00146	-.24274	.00060	-.00515	.00390	.00089	-.00731
#2	.00308	-.04229	.00066	-.00656	-.00026	-.00236	-.00743
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00093	-.00483	-.00863	.00119	-.00657	-.00012	-.00209
SDev	.00153	.00431	.00203	.00022	.00194	.00018	.00026
%RSD	165.69	89.135	23.471	18.847	29.455	153.92	12.523
#1	-.00016	-.00179	-.01007	.00103	-.00520	-.00025	-.00228
#2	.00201	-.00788	-.00720	.00134	-.00794	.00001	-.00191
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00189	.00083
SDev	.00069	.00028
%RSD	36.362	33.532

#1	.00140	.00064
#2	.00237	.00103

Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3889	--	--	--	--	--	--
SDev	4.348638	--	--	--	--	--	--
%RSD	.1118218	--	--	--	--	--	--
#1	3886	--	--	--	--	--	--
#2	3892	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 12:35:43 PM

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Method: TRACE2 Sample Name: ICSAB

Operator: AH

Run Time: 07/17/08 12:30:23

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	513.96	.09994	.01538	.52415	.50235	491.32	.96439
SDev	.13	.00206	.00021	.00075	.00006	.18	.00120
%RSD	.02554	2.0598	1.3984	.14273	.01206	.03586	.12476
#1	513.87	.10140	.01553	.52362	.50239	491.45	.96524
#2	514.06	.09849	.01523	.52468	.50231	491.20	.96354
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48059	.50680	.50613	97.106	-.00123	496.57	.48300
SDev	.00035	.00016	.00065	.056	.00638	.54	.00008
%RSD	.07355	.03140	.12815	.05812	517.34	.10916	.01723
#1	.48084	.50691	.50567	97.146	.00328	496.96	.48306
#2	.48034	.50668	.50658	97.066	-.00574	496.19	.48294
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00087	-.13593	.93850	.04926	.05172	.05090	.04090
SDev	.00054	.07218	.00042	.00308	.00288	.00089	.00143
%RSD	62.054	53.103	.04521	6.2562	5.5642	1.7549	3.5049
#1	.00049	-.08489	.93880	.04708	.05375	.05153	.04191
#2	.00125	-.18697	.93820	.05144	.04968	.05027	Q.03988
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63072	.05081	.03594	.00290	.09140	.49842	.94973
SDev	.00571	.00683	.00557	.00009	.00525	.00023	.00141
%RSD	.90611	13.448	15.490	3.2183	5.7431	.04662	.14837
#1	.63476	.04598	.03987	.00296	.08769	.49858	.95073
#2	.62668	.05565	.03200	.00283	.09511	.49825	.94874
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00279	.21504
SDev	.00330	.00042
%RSD	118.26	.19625

#1	.00046	.21474
#2	.00512	.21534

Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3899	--	--	--	--	--	--
SDev	5.144305	--	--	--	--	--	--
%RSD	.1319268	--	--	--	--	--	--
#1	3896	--	--	--	--	--	--
#2	3903	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 12:42:35 PM

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Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/17/08 12:37:15

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.335	.49982	.49823	.50840	.50143	25.103	.49586
SDev	.019	.00072	.00130	.00108	.00059	.003	.00015
%RSD	.07511	.14383	.26065	.21238	.11729	.01108	.02994
#1	25.349	.49931	.49731	.50916	.50184	25.101	.49575
#2	25.322	.50033	.49915	.50764	.50101	25.105	.49596
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49368	.51232	.49264	24.809	25.578	24.821	.50317
SDev	.00037	.00014	.00084	.011	.034	.053	.00022
%RSD	.07444	.02667	.17087	.04461	.13173	.21320	.04422
#1	.49342	.51241	.49324	24.801	25.601	24.784	.50332
#2	.49394	.51222	.49205	24.817	25.554	24.859	.50301
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49847	25.119	.50322	.50304	.51003	.50771	.51336
SDev	.00321	.053	.00022	.00220	.00100	.00140	.00164
%RSD	.64442	.20951	.04299	.43805	.19638	.27611	.31867
#1	.49620	25.082	.50338	.50149	.50933	.50671	.51220
#2	.50074	25.156	.50307	.50460	.51074	.50870	.51451
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49785	.50582	.51713	.51849	.50396	.49797	.50339
SDev	.00058	.00530	.00020	.00077	.00069	.00005	.00016
%RSD	.11694	1.0477	.03785	.14877	.13752	.00965	.03262
#1	.49826	.50207	.51727	.51904	.50347	.49800	.50351
#2	.49744	.50956	.51699	.51794	.50445	.49793	.50328
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50077	.48170
SDev	.00118	.00021
%RSD	.23533	.04335

#1	.50160	.48156
#2	.49994	.48185

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4119	--	--	--	--	--	--
SDev	3.871479	--	--	--	--	--	--
%RSD	.0939967	--	--	--	--	--	--
#1	4121	--	--	--	--	--	--
#2	4116	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 12:47:59 PM

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Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/17/08 12:42:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.05307	-.00194	.00059	.00011	.00013	.04976	.00009
SDev	.03368	.00111	.00006	.00000	.00005	.03249	.00003
%RSD	63.454	57.053	10.178	.02840	36.907	65.305	33.800

#1	.02926	-.00116	.00063	.00011	.00009	.02678	.00007
#2	.07689	-.00272	.00054	.00011	.00016	.07273	.00012

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00011	-.00084	.02098	.00321	.06717	.00012
SDev	.00036	.00026	.00000	.00697	.00181	.02274	.00004
%RSD	117.51	237.23	.05462	33.237	56.503	33.851	31.321

#1	-.00005	.00030	-.00084	.01605	.00449	.05109	.00009
#2	-.00056	-.00008	-.00084	.02591	.00193	.08324	.00014

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00168	-.02403	-.00043	.00200	-.00171	-.00048	-.00141
SDev	.00028	.00929	.00021	.00021	.00016	.00018	.00150
%RSD	16.470	38.659	47.941	10.371	9.5408	37.188	106.12

#1	.00148	-.03059	-.00029	.00214	-.00160	-.00035	-.00247
#2	.00187	-.01746	-.00058	.00185	-.00183	-.00060	-.00035

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00124	.00535	-.00479	.00013	.00185	.00045	.00010
SDev	.00378	.00397	.00423	.00014	.00582	.00000	.00021
%RSD	303.94	74.206	88.299	106.63	314.32	.08562	219.65

#1	.00392	.00815	-.00777	.00023	.00597	.00045	-.00005
#2	-.00143	.00254	-.00180	.00003	-.00226	.00045	.00025

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00065	.00067
SDev	.00185	.00025
%RSD	286.76	38.071

#1	.00195	.00049
#2	-.00066	.00084

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4143	--	--	--	--	--	--
SDev	1.484993	--	--	--	--	--	--
%RSD	.0358467	--	--	--	--	--	--
#1	4144	--	--	--	--	--	--
#2	4142	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839709/PB Operator: AH
 Run Time: 07/17/08 12:48:02
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04208	-.00193	.00507	.00011	.00001	.06706	.00010
SDev	.02246	.00173	.00036	.00006	.00004	.02789	.00005
%RSD	53.382	89.826	7.0145	60.851	361.93	41.588	50.675

#1	.02620	-.00070	.00482	.00015	-.00002	.04734	.00006
#2	.05797	-.00315	.00533	.00006	.00004	.08678	.00014

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00025	.00050	-.00062	.01439	-.00417	.02670	.00042
SDev	.00010	.00024	.00048	.01254	.00582	.02628	.00004
%RSD	37.567	47.413	78.171	87.117	139.52	98.437	8.7163

#1	.00032	.00067	-.00028	.00553	-.00829	.00811	.00039
#2	.00019	.00033	-.00096	.02326	-.00006	.04528	.00045

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	-.03304	.00014	-.00119	.00055	-.00003	-.00106
SDev	.00002	.00923	.00028	.00155	.00016	.00041	.00428
%RSD	44.200	27.950	204.72	130.26	28.590	1346.1	403.85

#1	.00002	-.03957	.00034	-.00009	.00044	.00026	.00197
#2	.00004	-.02651	-.00006	-.00228	.00066	-.00032	-.00409

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00171	.00165	-.00241	.00038	-.00061	.00036	.00048
SDev	.00145	.00165	.00559	.00022	.00160	.00000	.00007
%RSD	84.557	100.28	231.88	57.366	261.39	.17431	14.939

#1	.00274	.00281	.00154	.00053	.00052	.00036	.00043
#2	.00069	.00048	-.00637	.00023	-.00174	.00036	.00053

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00074	.00027
SDev	.00016	.00026
%RSD	21.012	97.245

#1	-.00063	.00008
#2	-.00085	.00045

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4178	--	--	--	--	--	--
SDev	4.984965	--	--	--	--	--	--
%RSD	.1193267	--	--	--	--	--	--
#1	4181	--	--	--	--	--	--
#2	4174	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD839708/FB Operator: AH
 Run Time: 07/17/08 12:53:25
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.242	.20319	.20590	.20739	.20324	10.183	.20316
SDev	.049	.00178	.00071	.00104	.00117	.051	.00036
%RSD	.47769	.87456	.34695	.50154	.57382	.49991	.17617
#1	10.276	.20445	.20640	.20812	.20407	10.219	.20341
#2	10.207	.20194	.20539	.20665	.20242	10.147	.20291
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	11.500	.23000	.23000	.23000	.23000	11.500	.23000
Low	8.5000	.17000	.17000	.17000	.17000	8.5000	.17000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19539	.20254	.20276	10.174	10.468	10.005	.20381
SDev	.00099	.00048	.00110	.006	.011	.019	.00049
%RSD	.50572	.23764	.54325	.05674	.10881	.18918	.23792
#1	.19608	.20288	.20354	10.178	10.476	10.019	.20415
#2	.19469	.20220	.20199	10.170	10.460	9.9917	.20346
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000	.23000	.23000	11.500	11.500	11.500	.23000
Low	.17000	.17000	.17000	8.5000	8.5000	8.5000	.17000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20987	10.422	.20465	.20314	.20816	.20648	.20482
SDev	.00052	.006	.00171	.00211	.00121	.00010	.00036
%RSD	.24900	.05379	.83428	1.0402	.57951	.04890	.17498
#1	.20950	10.426	.20585	.20165	.20901	.20656	.20507
#2	.21024	10.418	.20344	.20463	.20730	.20641	.20456
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.23000	11.500	.23000			.23000	.23000
Low	.17000	8.5000	.17000			.17000	.17000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20304	.20016	.20715	.20668	.20550	.20604	.21003
SDev	.00368	.00331	.00112	.00122	.00096	.00005	.00128
%RSD	1.8108	1.6564	.54074	.58978	.46699	.02286	.60955
#1	.20564	.20251	.20635	.20754	.20482	.20608	.21094
#2	.20044	.19782	.20794	.20582	.20618	.20601	.20913
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.23000			.23000	.23000	.23000	.23000
Low	.17000			.17000	.17000	.17000	.17000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.21058	.05255
SDev	.00123	.00086
%RSD	.58352	1.6420

#1	.20971	.05316
#2	.21145	.05194

Errors	LC Pass	LC Pass
High	.23000	.05750
Low	.17000	.04250

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4175	--	--	--	--	--	--
SDev	17.07656	--	--	--	--	--	--
%RSD	.4089728	--	--	--	--	--	--
#1	4163	--	--	--	--	--	--
#2	4188	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839688 Operator: AH
 Run Time: 07/17/08 12:59:57
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	2.5958	.00524	.08272	.07072	.00015	161.75	-.00001
SDev	.0008	.00145	.00001	.00004	.00002	.17	.00016
%RSD	.03145	27.776	.01618	.06239	9.9066	.10803	2445.6

#1	2.5964	.00421	.08273	.07075	.00014	161.88	-.00012
#2	2.5952	.00627	.08271	.07069	.00016	161.63	.00010

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00251	.00545	.00407	4.0133	8.7326	57.548	.23099
SDev	.00000	.00024	.00011	.0061	.0084	.029	.00028
%RSD	.03799	4.4709	2.7294	.15203	.09572	.04953	.12174

#1	.00251	.00528	.00415	4.0090	8.7267	57.568	.23119
#2	.00251	.00562	.00399	4.0177	8.7385	57.528	.23079

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02231	75.772	.00698	.00353	.00283	.00307	-.00123
SDev	.00094	.051	.00047	.00110	.00156	.00067	.00068
%RSD	4.2260	.06773	6.7574	30.995	54.940	21.954	55.300

#1	.02297	75.809	.00664	.00431	.00173	.00259	-.00171
#2	.02164	75.736	.00731	.00276	.00393	.00354	-.00075

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00016	-.00125	-.00122	.04408	.00075	.00633	.01435
SDev	.00122	.00168	.00018	.00031	.00297	.00075	.00001
%RSD	746.79	133.92	14.808	.71247	395.84	11.919	.07705

#1	.00070	-.00244	-.00134	.04386	-.00135	.00580	.01434
#2	-.00102	-.00007	-.00109	.04430	.00285	.00686	.01436

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00131	.00014
SDev	.00073	.00015
%RSD	56.099	103.92

#1	.00079	.00004
#2	.00183	.00025

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4103	--	--	--	--	--	--
SDev	1.749813	--	--	--	--	--	--
%RSD	.0426496	--	--	--	--	--	--
#1	4104	--	--	--	--	--	--
#2	4102	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD839689

Operator: AH

Run Time: 07/17/08 13:05:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	5.6425	.03194	.20755	.06006	.00030	186.07	-.00009
SDev	.0131	.00146	.00018	.00019	.00001	.20	.00012
%RSD	.23296	4.5760	.08922	.31037	1.8511	.10762	130.64

#1	5.6517	.03298	.20768	.06019	.00030	185.93	-.00001
#2	5.6332	.03091	.20742	.05992	.00031	186.21	-.00018

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00395	.02836	.01301	11.084	5.9192	90.539	.19784
SDev	.00024	.00048	.00066	.007	.0008	.193	.00001
%RSD	6.1097	1.7056	5.0863	.06681	.01433	.21281	.00250

#1	.00412	.02870	.01347	11.089	5.9198	90.403	.19785
#2	.00378	.02802	.01254	11.078	5.9186	90.676	.19784

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02692	92.782	.02226	.00877	.00362	.00533	-.00158
SDev	.00087	.193	.00002	.00277	.00216	.00052	.00091
%RSD	3.2396	.20779	.09201	31.604	59.774	9.7287	57.780

#1	.02754	92.918	.02227	.00681	.00514	.00570	-.00093
#2	.02631	92.646	.02224	.01073	.00209	.00496	-.00222

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00110	.00606	-.00539	.08716	-.00031	.01228	.02983
SDev	.00223	.00241	.00257	.00010	.00163	.00006	.00022
%RSD	202.85	39.739	47.651	.11083	524.47	.49728	.73858

#1	.00268	.00435	-.00358	.08723	-.00146	.01224	.02967
#2	-.00048	.00776	-.00721	.08710	.00084	.01232	.02998

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00085	.00005
SDev	.00044	.00010
%RSD	51.541	211.15

#1	.00116	.00011
#2	.00054	-.00002

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4099	--	--	--	--	--	--
SDev	1.166657	--	--	--	--	--	--
%RSD	.0284642	--	--	--	--	--	--
#1	4100	--	--	--	--	--	--
#2	4098	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839690 Operator: AH
 Run Time: 07/17/08 13:10:44
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.13214	.00306	.08535	.02426	.00011	163.04	-.00010
SDev	.00166	.00050	.00007	.00002	.00002	.63	.00006
%RSD	1.2522	16.286	.08024	.09904	17.775	.38846	61.460

#1	.13097	.00341	.08540	.02428	.00009	163.49	-.00005
#2	.13331	.00271	.08530	.02424	.00012	162.60	-.00014

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00024	.00030	.00029	.72119	2.4220	63.406	.13194
SDev	.00027	.00010	.00028	.00390	.0091	.010	.00009
%RSD	112.84	34.862	99.753	.54011	.37443	.01599	.06926

#1	.00005	.00022	.00008	.72395	2.4284	63.413	.13200
#2	.00043	.00037	.00049	.71844	2.4156	63.398	.13187

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03413	59.720	.00254	.00392	-.00064	.00087	.00095
SDev	.00050	.079	.00023	.00202	.00103	.00001	.00133
%RSD	1.4726	.13167	9.0085	51.666	159.17	1.2247	139.42

#1	.03449	59.775	.00237	.00249	.00008	.00088	.00189
#2	.03378	59.664	.00270	.00535	-.00137	.00087	.00001

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00235	.01039	-.00377	.00207	-.00029	-.00011	.00086
SDev	.00146	.00318	.00040	.00028	.00133	.00012	.00001
%RSD	62.254	30.606	10.627	13.281	450.10	108.43	.94539

#1	-.00338	.01264	-.00349	.00187	.00064	-.00019	.00085
#2	-.00132	.00814	-.00405	.00226	-.00123	-.00002	.00087

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00303	.00042
SDev	.00035	.00007
%RSD	11.494	17.716

#1	.00327	.00048
#2	.00278	.00037

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4089	--	--	--	--	--	--
SDev	2.068322	--	--	--	--	--	--
%RSD	.0505886	--	--	--	--	--	--
#1	4087	--	--	--	--	--	--
#2	4090	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD839691 Operator: AH
 Run Time: 07/17/08 13:16:07
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02305	-.00180	1.8530	.91428	.00018	279.47	-.00010
SDev	.00164	.00046	.0010	.00372	.00000	.91	.00003
%RSD	7.1241	25.755	.05483	.40713	1.2581	.32462	30.582

#1	.02189	-.00213	1.8537	.91691	.00018	280.11	-.00008
#2	.02421	-.00147	1.8523	.91165	.00019	278.83	-.00012

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00002	.00063	-.00033	2.2495	23.939	164.77	.11479
SDev	.00018	.00006	.00014	.0039	.007	.29	.00004
%RSD	928.30	9.9814	42.126	.17116	.02815	.17482	.03647

#1	.00015	.00058	-.00042	2.2468	23.944	164.97	.11482
#2	-.00011	.00067	-.00023	2.2522	23.934	164.57	.11476

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00000	H780.60	.00047	.00080	.00126	.00110	-.00142
SDev	.00012	2.42	.00015	.00113	.00015	.00047	.00070
%RSD	5267.6	.31008	31.944	141.36	11.758	43.041	49.458

#1	-.00008	H782.31	.00058	.00000	.00115	.00077	-.00192
#2	.00009	H778.88	.00036	.00160	.00136	.00144	-.00092

Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	-.00269	-.00079	-.00025	-.00076	-.00036	-.00293
SDev	.00009	.00491	.00140	.00035	.00024	.00018	.00014
%RSD	31.544	182.34	177.87	138.43	32.060	50.392	4.7145

#1	.00023	-.00616	.00020	-.00049	-.00093	-.00023	-.00283
#2	.00036	.00078	-.00178	-.00001	-.00059	-.00049	L-.00302

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00077	.00037
SDev	.00090	.00015
%RSD	117.37	39.038

#1	.00013	.00048
#2	.00141	.00027

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3897	--	--	--	--	--	--
SDev	5.356299	--	--	--	--	--	--
%RSD	.1374639	--	--	--	--	--	--
#1	3893	--	--	--	--	--	--
#2	3900	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD839692

Operator: AH

Run Time: 07/17/08 13:21:31

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02641	-.00033	1.9035	.93480	.00018	284.59	-.00010
SDev	.00289	.00178	.0023	.00319	.00000	.71	.00001
%RSD	10.959	547.28	.12316	.34143	1.4798	.25113	13.854

#1	.02436	-.00159	1.9018	.93254	.00018	284.08	-.00011
#2	.02845	.00094	1.9051	.93706	.00018	285.09	-.00009

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.00029	.00010	2.1863	24.936	168.32	.11235
SDev	.00013	.00030	.00017	.0074	.019	.10	.00017
%RSD	746.28	102.80	173.74	.33931	.07641	.05685	.15492

#1	-.00011	.00008	.00022	2.1811	24.949	168.39	.11248
#2	.00007	.00050	-.00002	2.1916	24.922	168.25	.11223

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00035	H796.59	.00048	-.00001	.00022	.00015	-.00387
SDev	.00059	1.74	.00015	.00058	.00102	.00049	.00281
%RSD	168.97	.21872	30.704	6915.2	459.72	335.73	72.746

#1	-.00076	H795.35	.00037	.00040	-.00050	-.00020	-.00188
#2	.00007	H797.82	.00058	-.00042	.00095	.00049	-.00585

Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00169	-.00054	-.00553	-.00024	-.00248	-.00049	L-.00328
SDev	.00207	.00587	.00128	.00013	.00141	.00061	.00007
%RSD	122.00	1091.7	23.167	53.838	56.716	124.19	2.0746

#1	-.00316	.00362	-.00462	-.00015	-.00148	-.00092	L-.00333
#2	-.00023	-.00469	-.00644	-.00033	-.00347	-.00006	L-.00323

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Low
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00076	-.00020
SDev	.00038	.00055
%RSD	50.067	279.75

#1	-.00102	-.00058
#2	-.00049	.00019

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3895	--	--	--	--	--	--
SDev	8.273115	--	--	--	--	--	--
%RSD	.2123844	--	--	--	--	--	--
#1	3901	--	--	--	--	--	--
#2	3890	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839693 Operator: AH
 Run Time: 07/17/08 13:26:55
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01796	.00329	.18188	.05200	.00005	124.53	-.00004
SDev	.00126	.00025	.00018	.00012	.00002	.00	.00009
%RSD	6.9919	7.6201	.10149	.23575	37.103	.00223	244.55

#1	.01707	.00311	.18201	.05191	.00004	124.53	-.00010
#2	.01885	.00347	.18174	.05209	.00006	124.53	.00003

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.00052	-.00062	2.2634	2.9383	41.934	.09032
SDev	.00002	.00011	.00018	.0033	.0023	.069	.00006
%RSD	8.1909	20.410	28.384	.14509	.07956	.16550	.06393

#1	-.00029	.00044	-.00075	2.2610	2.9367	41.884	.09028
#2	-.00026	.00059	-.00050	2.2657	2.9400	41.983	.09036

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02146	73.906	.00040	.00208	-.00142	-.00026	-.00062
SDev	.00066	.118	.00043	.00169	.00158	.00162	.00274
%RSD	3.0899	.16026	107.95	81.379	110.90	626.78	442.69

#1	.02099	73.822	.00009	.00088	-.00254	-.00140	-.00256
#2	.02193	73.990	.00071	.00327	-.00031	.00089	.00132

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00047	.00301	-.00243	.00005	.00055	-.00010	-.00057
SDev	.00525	.00715	.00054	.00048	.00095	.00029	.00008
%RSD	1107.4	237.36	22.058	981.50	173.36	289.64	13.636

#1	-.00324	-.00204	-.00281	-.00029	-.00012	.00010	-.00062
#2	.00419	.00807	-.00205	.00039	.00122	-.00030	-.00051

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00202	.00075
SDev	.00028	.00038
%RSD	14.088	49.689

#1	.00182	.00049
#2	.00222	.00102

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4095	--	--	--	--	--	--
SDev	11.50827	--	--	--	--	--	--
%RSD	.2810656	--	--	--	--	--	--
#1	4103	--	--	--	--	--	--
#2	4086	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839694 Operator: AH
 Run Time: 07/17/08 13:32:19
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01922	-.00101	.19358	.07237	.00004	96.724	-.00010
SDev	.00213	.00093	.00010	.00001	.00001	.039	.00012
%RSD	11.099	91.668	.05182	.00842	31.590	.04029	116.13

#1	.01771	-.00167	.19351	.07237	.00003	96.696	-.00018
#2	.02073	-.00036	.19365	.07236	.00004	96.752	-.00002

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00029	-.00012	-.00089	1.1424	2.6649	44.470	.05215
SDev	.00039	.00005	.00051	.0018	.0060	.041	.00001
%RSD	132.29	43.370	57.505	.16116	.22371	.09267	.01566

#1	-.00056	-.00008	-.00125	1.1411	2.6691	44.441	.05216
#2	-.00002	-.00016	-.00053	1.1437	2.6607	44.499	.05214

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03113	71.850	.00171	.00308	-.00108	.00030	-.00335
SDev	.00002	.080	.00015	.00010	.00008	.00002	.00015
%RSD	.05476	.11101	8.5023	3.2106	6.9675	5.6960	4.4516

#1	.03112	71.794	.00182	.00301	-.00103	.00032	-.00324
#2	.03114	71.907	.00161	.00315	-.00114	.00029	-.00345

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00067	-.00050	-.00477	-.00012	-.00116	-.00065	.00033
SDev	.00062	.00384	.00170	.00008	.00204	.00006	.00007
%RSD	91.890	765.99	35.585	66.466	176.51	8.9263	21.559

#1	-.00111	.00221	-.00597	-.00006	.00029	-.00061	.00028
#2	-.00023	-.00322	-.00357	-.00018	-.00260	-.00069	.00038

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00014	.00039
SDev	.00100	.00029
%RSD	726.82	73.282

#1	-.00057	.00019
#2	.00085	.00059

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4117	--	--	--	--	--	--
SDev	.3183362	--	--	--	--	--	--
%RSD	.0077321	--	--	--	--	--	--
#1	4117	--	--	--	--	--	--
#2	4117	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839695

Operator: AH

Run Time: 07/17/08 13:37:42

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02231	-.00099	.14422	.07723	.00004	114.33	-.00010
SDev	.00132	.00224	.00113	.00058	.00000	.89	.00003
%RSD	5.9102	226.79	.78385	.74857	3.7247	.78040	35.051

#1	.02137	-.00257	.14502	.07764	.00004	114.96	-.00012
#2	.02324	.00060	.14342	.07682	.00004	113.70	-.00007

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00043	.00020	-.00065	.61716	2.6460	51.482	.03595
SDev	.00014	.00015	.00024	.00800	.0050	.142	.00000
%RSD	33.260	74.539	36.852	1.2961	.18996	.27572	.00621

#1	-.00033	.00030	-.00082	.62281	2.6496	51.582	.03596
#2	-.00053	.00009	-.00048	.61150	2.6425	51.381	.03595

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00432	60.730	-.00007	.00100	-.00223	-.00116	-.00011
SDev	.00011	.374	.00029	.00147	.00076	.00100	.00668
%RSD	2.6176	.61640	407.06	146.57	34.238	86.396	6359.9

#1	.00424	60.994	-.00027	-.00004	-.00277	-.00186	.00462
#2	.00440	60.465	.00013	.00204	-.00169	-.00045	-.00483

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00074	.00303	-.00167	.00016	.00227	-.00037	-.00066
SDev	.00028	.00681	.00661	.00012	.00021	.00023	.00013
%RSD	38.262	224.91	395.55	78.137	9.1640	61.714	20.375

#1	-.00054	.00785	.00300	.00007	.00241	-.00021	-.00057
#2	-.00094	-.00179	-.00635	.00024	.00212	-.00053	-.00076

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00038	-.00001
SDev	.00044	.00038
%RSD	116.85	7047.7

#1	.00069	.00026
#2	.00007	-.00027

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4135	--	--	--	--	--	--
SDev	15.59191	--	--	--	--	--	--
%RSD	.3770602	--	--	--	--	--	--
#1	4124	--	--	--	--	--	--
#2	4146	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 01:49:55 PM

page 1

Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/17/08 13:44:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.319	.50025	.50088	.50941	.49967	25.097	.49572
SDev	.080	.00216	.00095	.00156	.00091	.059	.00056
%RSD	.31647	.43118	.18886	.30621	.18151	.23627	.11308
#1	25.263	.49873	.50155	.50831	.49903	25.055	.49612
#2	25.376	.50178	.50022	.51052	.50031	25.139	.49533
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49366	.51138	.49156	24.739	25.617	24.920	.50212
SDev	.00010	.00012	.00165	.019	.018	.008	.00071
%RSD	.02012	.02268	.33604	.07808	.06945	.03197	.14099
#1	.49373	.51130	.49039	24.753	25.629	24.926	.50262
#2	.49359	.51146	.49273	24.725	25.604	24.915	.50162
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49777	25.113	.50152	.50113	.51489	.51031	.51875
SDev	.00084	.013	.00046	.00123	.00155	.00144	.00189
%RSD	.16811	.05116	.09079	.24593	.30017	.28243	.36486
#1	.49717	25.104	.50120	.50026	.51379	.50929	.52008
#2	.49836	25.123	.50185	.50200	.51598	.51132	.51741
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49701	.49894	.52865	.52100	.50647	.49894	.50460
SDev	.00560	.00328	.00120	.00115	.00221	.00027	.00059
%RSD	1.1256	.65679	.22709	.22124	.43640	.05445	.11663
#1	.49306	.50126	.52950	.52018	.50491	.49913	.50502
#2	.50097	.49663	.52780	.52181	.50803	.49875	.50419
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.49904	.48578
SDev	.00121	.00098
%RSD	.24186	.20142

#1	.49989	.48647
#2	.49819	.48508

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4127	--	--	--	--	--	--
SDev	20.09972	--	--	--	--	--	--
%RSD	.4870489	--	--	--	--	--	--
#1	4141	--	--	--	--	--	--
#2	4113	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 01:55:18 PM

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Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/17/08 13:49:58

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03294	-.00132	.00100	.00014	.00013	.02497	.00003
SDev	.00100	.00159	.00040	.00001	.00001	.00032	.00004
%RSD	3.0358	120.57	40.070	8.7634	8.4913	1.2652	113.84
#1	.03223	-.00245	.00071	.00014	.00014	.02519	.00006
#2	.03364	-.00019	.00128	.00013	.00013	.02475	.00001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00028	.00027	-.00062	.01030	-.00859	.02683	.00005
SDev	.00017	.00045	.00019	.00835	.01918	.00169	.00011
%RSD	61.524	168.35	31.348	81.116	223.46	6.2850	225.23
#1	-.00040	.00058	-.00048	.01620	.00498	.02803	.00013
#2	-.00016	-.00005	-.00075	.00439	-.02215	.02564	-.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00078	-.02922	.00018	.00166	-.00090	-.00005	-.00029
SDev	.00110	.16961	.00010	.00060	.00078	.00032	.00134
%RSD	139.97	580.39	53.375	36.004	86.613	632.85	455.41
#1	.00156	.09071	.00025	.00208	-.00146	-.00028	.00065
#2	.00001	-.14915	.00011	.00123	-.00035	.00018	-.00124
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00165	.00144	-.00116	.00046	-.00048	.00025	-.00005
SDev	.00102	.00673	.00136	.00023	.00122	.00006	.00014
%RSD	61.725	468.18	117.04	49.650	254.52	24.029	301.90
#1	.00237	.00620	-.00212	.00062	.00038	.00029	.00005
#2	.00093	-.00332	-.00020	.00030	-.00134	.00021	-.00015
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00039	-.00004
SDev	.00179	.00086
%RSD	462.89	1975.5

#1	.00165	.00056
#2	-.00088	-.00065

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4113	--	--	--	--	--	--
SDev	8.114119	--	--	--	--	--	--
%RSD	.1972816	--	--	--	--	--	--
#1	4107	--	--	--	--	--	--
#2	4119	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839696 Operator: AH
 Run Time: 07/17/08 13:55:21
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04497	-.00238	.40082	.08898	.00009	96.838	.00005
SDev	.00176	.00212	.00096	.00015	.00002	.198	.00009
%RSD	3.9063	89.015	.23950	.17417	20.437	.20459	175.43

#1	.04373	-.00088	.40014	.08909	.00008	96.978	-.00001
#2	.04621	-.00388	.40150	.08887	.00011	96.698	.00012

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00001	.00109	-.00070	.53066	3.6151	66.567	.02837
SDev	.00017	.00019	.00029	.00189	.0032	.085	.00001
%RSD	3117.7	17.562	41.378	.35546	.08909	.12713	.02092

#1	.00012	.00096	-.00090	.52933	3.6128	66.507	.02837
#2	-.00013	.00123	-.00049	.53200	3.6174	66.627	.02838

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00291	94.758	.00051	.00081	.00015	.00037	-.00062
SDev	.00089	.009	.00030	.00149	.00024	.00034	.00436
%RSD	30.532	.00906	58.969	183.53	161.32	91.178	703.17

#1	.00228	94.751	.00030	-.00024	.00032	.00013	-.00370
#2	.00353	94.764	.00072	.00187	-.00002	.00061	.00246

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00291	.00070	-.00128	-.00036	-.00012	-.00008	-.00074
SDev	.00247	.00928	.00190	.00046	.00179	.00017	.00015
%RSD	84.968	1325.8	148.26	126.72	1491.8	208.54	19.880

#1	.00466	-.00586	-.00262	-.00069	-.00138	.00004	-.00084
#2	.00116	.00726	.00006	-.00004	.00114	-.00021	-.00064

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00133	.00065
SDev	.00160	.00038
%RSD	119.78	57.637

#1	.00246	.00039
#2	.00020	.00092

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4067	--	--	--	--	--	--
SDev	.8484936	--	--	--	--	--	--
%RSD	.0208651	--	--	--	--	--	--
#1	4067	--	--	--	--	--	--
#2	4066	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839697 Operator: AH
 Run Time: 07/17/08 14:00:45
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	11.507	.05490	.15639	.11730	.00065	176.17	.00003
SDev	.018	.00111	.00036	.00000	.00000	.18	.00000
%RSD	.15503	2.0204	.23249	.00205	.07370	.09953	8.6877
#1	11.519	.05411	.15613	.11730	.00065	176.29	.00003
#2	11.494	.05568	.15665	.11729	.00065	176.05	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00712	.01642	.01617	18.870	6.2255	71.573	.40455
SDev	.00023	.00020	.00037	.025	.0015	.114	.00066
%RSD	3.2641	1.2325	2.3146	.13409	.02411	.15979	.16400
#1	.00696	.01628	.01590	18.888	6.2244	71.654	.40502
#2	.00728	.01657	.01643	18.852	6.2265	71.492	.40408
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.07963	74.373	.01920	.00962	.00921	.00935	-.00035
SDev	.00023	.173	.00013	.00101	.00001	.00033	.00256
%RSD	.29019	.23267	.69270	10.460	.14373	3.4910	721.33
#1	.07979	74.496	.01911	.00891	.00922	.00912	-.00216
#2	.07946	74.251	.01930	.01034	.00920	.00958	.00145
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00058	-.00064	-.00021	.15608	-.00130	.02746	.05261
SDev	.00077	.00155	.00461	.00099	.00151	.00003	.00000
%RSD	132.80	243.40	2163.8	.63230	115.93	.12570	.00565
#1	-.00112	.00046	-.00348	.15678	-.00236	.02749	.05260
#2	-.00004	-.00173	.00305	.15538	-.00023	.02744	.05261
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	-.00028	.00026
SDev	.00084	.00031
%RSD	305.73	120.20

#1	.00032	.00004
#2	-.00087	.00047

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4122	--	--	--	--	--	--
SDev	5.144478	--	--	--	--	--	--
%RSD	.1247974	--	--	--	--	--	--
#1	4119	--	--	--	--	--	--
#2	4126	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839698 Operator: AH
 Run Time: 07/17/08 14:06:08
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.26838	.03343	.07659	.02036	.00042	583.96	-.00004
SDev	.00902	.00322	.00082	.00010	.00001	.38	.00012
%RSD	3.3589	9.6411	1.0712	.47070	3.3373	.06473	317.06

#1	.26200	.03115	.07601	.02043	.00041	584.22	-.00012
#2	.27475	.03570	.07717	.02029	.00043	583.69	.00005

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00899	.00148	.00268	7.8186	4.7179	202.41	1.1315
SDev	.00028	.00036	.00136	.0177	.0545	.62	.0036
%RSD	3.1668	24.516	50.615	.22663	1.1548	.30834	.31980

#1	.00878	.00123	.00172	7.8312	4.7564	202.85	1.1341
#2	.00919	.00174	.00364	7.8061	4.6794	201.97	1.1290

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00209	65.431	.02144	-.00076	.00130	.00061	-.00101
SDev	.00167	.255	.00163	.01237	.00792	.00116	.00069
%RSD	79.912	.38946	7.6147	1620.3	608.08	189.30	68.495

#1	.00326	65.611	.02029	.00798	-.00430	-.00021	-.00151
#2	.00091	65.251	.02260	-.00951	.00690	.00144	-.00052

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00115	.00069	-.00187	.00482	.00342	.00056	.00783
SDev	.00210	.01402	.00805	.00073	.00079	.00041	.00006
%RSD	182.62	2021.7	430.91	15.254	23.070	72.925	.73994

#1	.00034	.01060	-.00756	.00430	.00398	.00027	.00787
#2	-.00263	-.00922	.00382	.00534	.00287	.00085	.00779

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00032	-.00019
SDev	.00088	.00137
%RSD	276.23	740.25

#1	-.00030	.00079
#2	.00094	-.00116

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3971	--	--	--	--	--	--
SDev	29.75148	--	--	--	--	--	--
%RSD	.7492920	--	--	--	--	--	--
#1	3950	--	--	--	--	--	--
#2	3992	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839699 Operator: AH
 Run Time: 07/17/08 14:11:31
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02300	.00012	.00475	.00006	.00012	.11335	.00011
SDev	.00046	.00237	.00076	.00017	.00001	.02277	.00010
%RSD	1.9919	2055.4	15.955	297.23	11.736	20.085	91.397

#1	.02267	.00179	.00422	.00018	.00013	.09726	.00004
#2	.02332	-.00156	.00529	-.00006	.00011	.12945	.00018

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00027	.00020	-.00003	.00252	-.01485	.02265	.00028
SDev	.00007	.00002	.00002	.00087	.00135	.00002	.00005
%RSD	26.210	8.2710	75.392	34.496	9.0869	.09140	17.239

#1	-.00022	.00019	-.00001	.00190	-.01580	.02266	.00025
#2	-.00032	.00021	-.00004	.00313	-.01389	.02263	.00031

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00075	.05290	.00052	-.00143	.00120	.00032	.00135
SDev	.00035	.19230	.00021	.00322	.00170	.00006	.00195
%RSD	46.208	363.48	41.225	224.79	141.62	19.462	145.05

#1	-.00051	.18888	.00037	.00084	-.00000	.00028	-.00003
#2	-.00100	-.08307	.00067	-.00371	.00241	.00037	.00273

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00022	.00235	.00084	.00023	.00113	-.00016	.00064
SDev	.00142	.00276	.00431	.00020	.00148	.00006	.00028
%RSD	639.68	117.23	510.99	87.148	130.38	35.440	44.107

#1	.00123	.00431	-.00220	.00038	.00009	-.00012	.00084
#2	-.00078	.00040	.00389	.00009	.00218	-.00020	.00044

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00079	-.00060
SDev	.00010	.00061
%RSD	12.534	101.45

#1	-.00086	-.00017
#2	-.00072	-.00103

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4140	--	--	--	--	--	--
SDev	3.818308	--	--	--	--	--	--
%RSD	.0922397	--	--	--	--	--	--
#1	4137	--	--	--	--	--	--
#2	4142	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839700 Operator: AH
 Run Time: 07/17/08 14:16:54
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.04134	-.00078	.31311	.32971	.00011	60.181	.00018
SDev	.00643	.00216	.00108	.00241	.00001	.392	.00021
%RSD	15.542	276.94	.34513	.72958	7.4149	.65219	120.52
#1	.03680	.00075	.31234	.32801	.00012	59.904	.00003
#2	.04589	-.00231	.31387	.33141	.00011	60.459	.00033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00031	.00115	.00001	.58455	2.8168	32.257	.05108
SDev	.00114	.00069	.00084	.01942	.0001	.019	.00020
%RSD	372.72	60.180	14131.	3.3215	.00232	.06038	.39741
#1	-.00050	.00066	-.00059	.57082	2.8168	32.243	.05093
#2	.00111	.00164	.00060	.59827	2.8167	32.271	.05122
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00829	119.22	.00065	-.00326	.00153	-.00007	-.00074
SDev	.00057	.38	.00018	.00709	.00381	.00018	.00174
%RSD	6.9203	.31695	27.077	217.30	248.82	277.17	233.65
#1	.00870	118.96	.00053	.00175	-.00116	-.00019	-.00197
#2	.00788	119.49	.00078	-.00828	.00423	.00006	.00048
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00142	-.00309	.00043	.00024	.00232	.00057	.00063
SDev	.00263	.00594	.00558	.00039	.00496	.00087	.00064
%RSD	185.21	192.25	1300.0	162.99	214.23	151.49	101.41
#1	-.00044	.00111	-.00351	.00051	.00583	-.00004	.00018
#2	.00328	-.00729	.00437	-.00004	-.00119	.00119	.00108
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00105	.00005
SDev	.00096	.00046
%RSD	91.409	1003.9

#1	.00172	-.00028
#2	.00037	.00037

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4093	--	--	--	--	--	--
SDev	6.416959	--	--	--	--	--	--
%RSD	.1567726	--	--	--	--	--	--
#1	4098	--	--	--	--	--	--
#2	4089	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839701 Operator: AH
 Run Time: 07/17/08 14:22:18
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.80425	.12784	.13075	.03628	.00018	208.77	-.00004
SDev	.00462	.00022	.00076	.00002	.00000	.13	.00004
%RSD	.57438	.17635	.58089	.05429	1.0224	.06160	104.84

#1	.80752	.12768	.13021	.03629	.00018	208.68	-.00001
#2	.80098	.12800	.13128	.03627	.00018	208.86	-.00007

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00336	.00225	4.7041	3.4350	64.630	.23395
SDev	.00007	.00021	.00056	.0003	.0185	.091	.00003
%RSD	206.79	6.1857	24.850	.00546	.53739	.14048	.01055

#1	.00009	.00351	.00264	4.7043	3.4480	64.566	.23397
#2	-.00002	.00322	.00185	4.7040	3.4219	64.694	.23393

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.16814	80.696	.00329	.00746	-.00115	.00172	-.00044
SDev	.00002	.200	.00010	.00054	.00231	.00137	.00051
%RSD	.01073	.24751	3.0194	7.1804	201.74	79.396	116.42

#1	.16812	80.837	.00322	.00708	.00049	.00269	-.00079
#2	.16815	80.554	.00336	.00784	-.00278	.00075	-.00008

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	.00329	-.00230	.01534	.00178	.00160	.01999
SDev	.00221	.00317	.00082	.00007	.00230	.00042	.00008
%RSD	271.29	96.435	35.902	.47210	129.34	25.877	.42217

#1	-.00238	.00105	-.00171	.01540	.00340	.00190	.01993
#2	.00075	.00553	-.00288	.01529	.00015	.00131	.02005

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00207	.00069
SDev	.00007	.00018
%RSD	3.2268	26.536

#1	.00212	.00082
#2	.00202	.00056

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4099	--	--	--	--	--	--
SDev	21.69054	--	--	--	--	--	--
%RSD	.5291842	--	--	--	--	--	--
#1	4084	--	--	--	--	--	--
#2	4114	--	--	--	--	--	--

Analysis Report

07/17/08 02:33:01 PM

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Method: TRACE2 Sample Name: AD839702 Operator: AH
 Run Time: 07/17/08 14:27:41
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53630	.03644	.44319	.55225	.00018	158.31	-.00015
SDev	.00028	.00136	.00067	.00090	.00001	.42	.00014
%RSD	.05320	3.7367	.15000	.16379	4.3639	.26636	95.614

#1	.53650	.03547	.44272	.55289	.00019	158.60	-.00005
#2	.53609	.03740	.44366	.55161	.00018	158.01	-.00024

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00179	.00740	-.00034	12.850	8.5237	78.754	.15426
SDev	.00037	.00003	.00014	.037	.0342	.219	.00020
%RSD	20.602	.39816	40.919	.28408	.40159	.27783	.12745

#1	.00206	.00742	-.00024	12.876	8.5479	78.909	.15440
#2	.00153	.00738	-.00043	12.824	8.4995	78.599	.15412

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00134	397.53	.00482	.00219	.00079	.00126	.00027
SDev	.00013	1.01	.00003	.00113	.00119	.00042	.00086
%RSD	9.7397	.25477	.61175	51.795	150.28	33.173	314.67

#1	.00125	398.25	.00485	.00138	.00163	.00155	-.00033
#2	.00143	396.81	.00480	.00299	-.00005	.00096	.00088

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00250	.00361	-.00139	.01091	-.00361	.00266	.00097
SDev	.00169	.00984	.00363	.00023	.00062	.00024	.00029
%RSD	67.732	272.92	260.65	2.1363	17.097	8.9840	29.799

#1	-.00130	-.00335	.00117	.01074	-.00404	.00282	.00117
#2	-.00370	.01056	-.00396	.01107	-.00317	.00249	.00077

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00102	-.00032
SDev	.00060	.00012
%RSD	58.598	36.699

#1	.00145	-.00024
#2	.00060	-.00040

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4056	--	--	--	--	--	--
SDev	6.469958	--	--	--	--	--	--
%RSD	.1595098	--	--	--	--	--	--
#1	4052	--	--	--	--	--	--
#2	4061	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839702/L (1:5) Operator: AH
 Run Time: 07/17/08 14:33:05
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.12507	.00509	.08769	.11032	.00010	31.357	.00003
SDev	.00006	.00062	.00037	.00020	.00000	.044	.00000
%RSD	.04772	12.123	.42173	.18117	.84191	.14125	.04988
#1	.12511	.00466	.08795	.11046	.00010	31.389	.00003
#2	.12502	.00553	.08742	.11018	.00010	31.326	.00003
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00044	.00155	-.00077	2.5671	1.4354	15.402	.03081
SDev	.00031	.00023	.00074	.0090	.0098	.022	.00006
%RSD	71.020	14.814	95.693	.35236	.68606	.14100	.18621
#1	.00022	.00171	-.00129	2.5735	1.4424	15.417	.03085
#2	.00066	.00139	-.00025	2.5607	1.4284	15.387	.03077
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00035	82.886	.00085	.00213	.00110	.00144	-.00242
SDev	.00065	.112	.00046	.00156	.00133	.00037	.00297
%RSD	186.86	.13458	54.782	72.947	120.82	25.554	122.64
#1	.00081	82.964	.00052	.00323	.00016	.00118	-.00452
#2	-.00011	82.807	.00117	.00103	.00204	.00171	-.00032
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00093	-.00434	-.00146	.00355	.00001	.00016	.00021
SDev	.00132	.00465	.00213	.00001	.00114	.00012	.00007
%RSD	141.81	107.23	145.49	.30427	9419.9	70.854	33.467
#1	.00000	-.00763	-.00297	.00354	-.00080	.00008	.00016
#2	-.00186	-.00105	.00004	.00355	.00082	.00024	.00027
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00366	.00022
SDev	.00029	.00004
%RSD	7.9635	19.433

#1	.00387	.00019
#2	.00346	.00025

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4130	--	--	--	--	--	--
SDev	3.712311	--	--	--	--	--	--
%RSD	.0898843	--	--	--	--	--	--
#1	4133	--	--	--	--	--	--
#2	4127	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839702/PS Operator: AH
 Run Time: 07/17/08 14:38:29
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.737	.24270	.63584	.74395	.20398	163.25	.20153
SDev	.026	.00068	.00011	.00307	.00044	.26	.00044
%RSD	.24026	.28216	.01752	.41216	.21335	.15865	.21973

#1	10.755	.24222	.63576	.74612	.20429	163.44	.20122
#2	10.719	.24319	.63592	.74178	.20368	163.07	.20184

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20243	.20826	.20271	22.517	20.281	86.272	.35116
SDev	.00029	.00081	.00047	.002	.005	.116	.00037
%RSD	.14430	.39131	.23387	.00777	.02361	.13414	.10657

#1	.20223	.20768	.20304	22.516	20.284	86.190	.35089
#2	.20264	.20884	.20237	22.519	20.278	86.354	.35142

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20927	395.77	.20347	.20088	.20519	.20375	.21154
SDev	.00162	.75	.00009	.00291	.00026	.00114	.00019
%RSD	.77318	.18899	.04329	1.4468	.12612	.55972	.09235

#1	.20813	396.30	.20353	.19882	.20500	.20295	.21140
#2	.21042	395.25	.20341	.20293	.20537	.20456	.21168

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20777	.20880	.21292	.21769	.20376	.20917	.20076
SDev	.00518	.00886	.00414	.00105	.00532	.00026	.00004
%RSD	2.4937	4.2436	1.9431	.48448	2.6113	.12387	.02169

#1	.20410	.20253	.21584	.21844	.20000	.20899	.20080
#2	.21143	.21506	.20999	.21695	.20753	.20936	.20073

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.20544	.05237
SDev	.00124	.00063
%RSD	.60521	1.1989

#1	.20456	.05192
#2	.20632	.05281

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4074	--	--	--	--	--	--
SDev	.4771590	--	--	--	--	--	--
%RSD	.0117124	--	--	--	--	--	--
#1	4074	--	--	--	--	--	--
#2	4074	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839703/MS Operator: AH
 Run Time: 07/17/08 14:43:52
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.384	.24659	.71294	.80259	.20209	175.36	.19904
SDev	.037	.00092	.00011	.00191	.00058	.53	.00037
%RSD	.35625	.37292	.01517	.23733	.28627	.30203	.18695
#1	10.410	.24724	.71287	.80394	.20250	175.73	.19931
#2	10.358	.24593	.71302	.80125	.20168	174.98	.19878
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19424	.20413	.20320	23.984	21.425	93.547	.32061
SDev	.00059	.00042	.00067	.044	.050	.140	.00029
%RSD	.30366	.20488	.32831	.18312	.23555	.14933	.09076
#1	.19465	.20443	.20368	24.015	21.460	93.646	.32081
#2	.19382	.20384	.20273	23.953	21.389	93.448	.32040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21112	H436.11	.20140	.19838	.20221	.20093	.20636
SDev	.00104	1.21	.00027	.00001	.00064	.00043	.00166
%RSD	.49408	.27700	.13340	.00298	.31479	.21227	.80343
#1	.21186	H436.97	.20159	.19838	.20266	.20123	.20519
#2	.21038	H435.26	.20121	.19837	.20176	.20063	.20753
Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20569	.20421	.20744	.20950	.20244	.20789	.20275
SDev	.00089	.00031	.00233	.00172	.00022	.00017	.00020
%RSD	.43140	.15361	1.1233	.82061	.10703	.08220	.10120
#1	.20632	.20399	.20579	.21072	.20259	.20801	.20289
#2	.20506	.20443	.20909	.20828	.20229	.20777	.20260
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.20677	.05262
SDev	.00017	.00001
%RSD	.08369	.00941

#1	.20690	.05262
#2	.20665	.05262

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4083	--	--	--	--	--	--
SDev	17.02373	--	--	--	--	--	--
%RSD	.4169839	--	--	--	--	--	--
#1	4071	--	--	--	--	--	--
#2	4095	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 02:56:05 PM

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Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/17/08 14:50:44

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.334	.50398	.50112	.50835	.50178	25.210	.49911
SDev	.087	.00586	.00185	.00257	.00153	.074	.00000
%RSD	.34466	1.1626	.36983	.50493	.30504	.29342	.00024
#1	25.273	.49983	.49981	.50653	.50070	25.158	.49911
#2	25.396	.50812	.50244	.51016	.50286	25.263	.49911
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49614	.51313	.49095	24.817	25.587	25.154	.50315
SDev	.00018	.00078	.00228	.006	.046	.011	.00023
%RSD	.03728	.15298	.46509	.02370	.18170	.04194	.04650
#1	.49627	.51257	.48934	24.813	25.554	25.147	.50299
#2	.49600	.51368	.49257	24.821	25.620	25.162	.50332
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49859	25.003	.50478	.50425	.51521	.51156	.51500
SDev	.00298	.183	.00196	.00264	.00027	.00106	.00022
%RSD	.59873	.73211	.38834	.52368	.05268	.20728	.04291
#1	.49648	24.873	.50340	.50239	.51502	.51081	.51484
#2	.50070	25.132	.50617	.50612	.51540	.51231	.51515
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49681	.50471	.52015	.52146	.51067	.50123	.50869
SDev	.01151	.00317	.00192	.00214	.00049	.00020	.00034
%RSD	2.3168	.62868	.36874	.41063	.09668	.03965	.06618
#1	.48867	.50696	.51879	.51995	.51102	.50137	.50845
#2	.50495	.50247	.52151	.52297	.51032	.50109	.50893
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50489	.49101
SDev	.00108	.00107
%RSD	.21368	.21800

#1	.50412	.49025
#2	.50565	.49177

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4181	--	--	--	--	--	--
SDev	1.644161	--	--	--	--	--	--
%RSD	.0393247	--	--	--	--	--	--
#1	4182	--	--	--	--	--	--
#2	4180	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 03:01:28 PM

page 1

Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/17/08 14:56:08

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03464	-.00153	.00148	.00004	.00011	.02527	.00021
SDev	.00263	.00144	.00039	.00009	.00001	.00079	.00002
%RSD	7.5785	93.847	26.494	189.65	10.515	3.1403	10.414

#1	.03278	-.00255	.00120	.00010	.00012	.02470	.00023
#2	.03649	-.00052	.00175	-.00002	.00010	.02583	.00020

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00010	.00042	-.00044	.01169	-.00762	.02581	.00012
SDev	.00055	.00002	.00016	.00345	.00110	.00459	.00003
%RSD	544.77	4.3217	37.642	29.477	14.425	17.794	19.820

#1	-.00049	.00040	-.00032	.01413	-.00684	.02906	.00011
#2	.00029	.00043	-.00055	.00925	-.00840	.02257	.00014

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	-.03035	.00037	-.00083	.00061	.00013	-.00122
SDev	.00065	.14233	.00038	.00043	.00015	.00024	.00007
%RSD	50.148	468.92	104.19	51.516	25.104	186.04	5.5774

#1	.00084	.07029	.00064	-.00113	.00050	-.00004	-.00117
#2	.00176	-.13099	.00010	-.00053	.00072	.00030	-.00127

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00348	-.00400	.00017	.00013	-.00037	.00028	-.00011
SDev	.00036	.00009	.00006	.00038	.00118	.00023	.00021
%RSD	10.383	2.2423	32.835	293.23	315.17	81.521	199.09

#1	.00374	-.00394	.00021	.00039	-.00120	.00012	-.00026
#2	.00323	-.00406	.00013	-.00014	.00046	.00044	.00004

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00011	-.00009
SDev	.00049	.00006
%RSD	441.55	66.328

#1	-.00046	-.00014
#2	.00024	-.00005

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4160	--	--	--	--	--	--
SDev	7.954951	--	--	--	--	--	--
%RSD	.1912305	--	--	--	--	--	--
#1	4166	--	--	--	--	--	--
#2	4154	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839704/SD Operator: AH
 Run Time: 07/17/08 15:06:00
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	10.369	.24286	.68025	.78113	.20095	169.55	.19722
SDev	.064	.00287	.00142	.00583	.00108	.87	.00013
%RSD	.61982	1.1836	.20819	.74576	.53819	.51544	.06567

#1	10.414	.24489	.68125	.78525	.20172	170.16	.19712
#2	10.323	.24083	.67925	.77701	.20019	168.93	.19731

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.19245	.20304	.20231	23.334	20.885	89.950	.32014
SDev	.00060	.00074	.00159	.028	.037	.084	.00036
%RSD	.31207	.36550	.78782	.11939	.17777	.09368	.11217

#1	.19287	.20356	.20343	23.354	20.911	90.010	.32039
#2	.19202	.20252	.20118	23.314	20.859	89.891	.31989

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21054	H421.63	.19996	.20229	.19901	.20010	.20434
SDev	.00147	2.48	.00128	.00098	.00069	.00014	.00090
%RSD	.69875	.58791	.63780	.48483	.34867	.06808	.43961

#1	.20950	H423.38	.20086	.20159	.19950	.20020	.20498
#2	.21158	H419.88	.19905	.20298	.19852	.20000	.20371

Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.20637	.20519	.20393	.21022	.20204	.20618	.20094
SDev	.00226	.00448	.00359	.00020	.00239	.00010	.00017
%RSD	1.0927	2.1842	1.7596	.09514	1.1853	.04824	.08405

#1	.20796	.20202	.20646	.21007	.20035	.20610	.20082
#2	.20477	.20836	.20139	.21036	.20374	.20625	.20106

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.20650	.05401
SDev	.00042	.00010
%RSD	.20077	.19289

#1	.20679	.05394
#2	.20620	.05409

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4022	--	--	--	--	--	--
SDev	8.432282	--	--	--	--	--	--
%RSD	.2096781	--	--	--	--	--	--
#1	4016	--	--	--	--	--	--
#2	4028	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839705 Operator: AH
 Run Time: 07/17/08 15:45:45
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39727	.03462	.45511	.56294	.00015	157.61	.00001
SDev	.00671	.00144	.00237	.00063	.00001	.12	.00012
%RSD	1.6897	4.1624	.52043	.11207	3.3184	.07362	890.37

#1	.40202	.03360	.45678	.56249	.00015	157.69	.00010
#2	.39252	.03564	.45343	.56339	.00014	157.53	-.00007

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00181	.00676	.00039	12.917	8.6597	78.580	.13737
SDev	.00027	.00030	.00047	.021	.0001	.114	.00014
%RSD	14.980	4.5072	119.33	.15979	.00090	.14478	.10463

#1	.00200	.00698	.00072	12.931	8.6596	78.661	.13747
#2	.00162	.00654	.00006	12.902	8.6597	78.500	.13727

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00062	H402.64	.00468	-.00043	.00161	.00093	-.00237
SDev	.00057	.49	.00017	.00157	.00047	.00021	.00179
%RSD	91.208	.12111	3.5928	366.35	29.070	22.679	75.436

#1	.00103	H402.30	.00480	-.00154	.00194	.00078	-.00110
#2	.00022	H402.99	.00456	.00068	.00128	.00108	-.00363

Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00162	-.00026	-.00342	.00853	-.00038	.00215	.00010
SDev	.00030	.00227	.00155	.00091	.00025	.00018	.00029
%RSD	18.260	856.52	45.202	10.687	66.746	8.2001	286.89

#1	.00141	.00134	-.00233	.00917	-.00056	.00227	.00030
#2	.00182	-.00187	-.00451	.00788	-.00020	.00202	-.00010

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00079	.00037
SDev	.00062	.00034
%RSD	78.370	91.963

#1	-.00035	.00061
#2	-.00122	.00013

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4011	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.0595046	--	--	--	--	--	--
#1	4012	--	--	--	--	--	--
#2	4009	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839706

Operator: AH

Run Time: 07/17/08 15:51:10

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.45640	.00142	5.5504	.09781	.00010	88.319	.00004
SDev	.00145	.00102	.0005	.00035	.00002	.260	.00010
%RSD	.31722	71.396	.00832	.35720	18.191	.29481	250.51

#1	.45742	.00070	5.5507	.09805	.00008	88.503	-.00003
#2	.45538	.00214	5.5501	.09756	.00011	88.135	.00011

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00017	.00528	-.00018	.79479	31.450	56.882	.04028
SDev	.00007	.00041	.00051	.00189	.037	.075	.00005
%RSD	45.203	7.7825	280.60	.23836	.11684	.13189	.13389

#1	.00011	.00499	-.00054	.79345	31.476	56.935	.04032
#2	.00022	.00558	.00018	.79613	31.424	56.829	.04025

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00076	H502.68	.00448	.00029	.00016	.00020	-.00026
SDev	.00051	2.04	.00016	.00037	.00075	.00062	.00199
%RSD	67.471	.40506	3.6540	126.00	466.98	304.85	755.52

#1	.00040	H504.12	.00437	.00055	.00069	.00064	-.00167
#2	.00112	H501.24	.00460	.00003	-.00037	-.00024	.00114

Errors	LC Pass	LC High	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00139	.00272	-.00176	.00666	-.00139	.00046	.00142
SDev	.00568	.00408	.00502	.00041	.00318	.00036	.00015
%RSD	408.29	149.76	285.82	6.2050	228.29	77.537	10.322

#1	-.00541	.00561	-.00531	.00637	-.00364	.00021	.00132
#2	.00262	-.00016	.00179	.00695	.00086	.00071	.00152

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	-.00024	-.00008
SDev	.00026	.00019
%RSD	107.72	230.64

#1	-.00006	-.00021
#2	-.00043	.00005

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3989	--	--	--	--	--	--
SDev	4.083473	--	--	--	--	--	--
%RSD	.1023629	--	--	--	--	--	--
#1	3986	--	--	--	--	--	--
#2	3992	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839707

Operator: AH

Run Time: 07/17/08 15:57:57

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03091	.00015	.00905	.00129	-.00002	.44385	.00003
SDev	.00199	.00388	.00103	.00011	.00000	.00067	.00012
%RSD	6.4452	2515.8	11.428	8.6014	13.350	.15002	333.69
#1	.02950	.00290	.00978	.00137	-.00002	.44432	-.00005
#2	.03232	-.00259	.00831	.00121	-.00003	.44338	.00012
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00014	.00046	.00001	.01424	.02537	.08558	.00173
SDev	.00017	.00007	.00041	.00002	.00136	.00094	.00003
%RSD	122.09	14.834	2753.0	.12740	5.3550	1.0992	1.9975
#1	-.00026	.00051	.00031	.01423	.02633	.08625	.00176
#2	-.00002	.00041	-.00028	.01426	.02441	.08492	.00171
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00056	.37803	-.00002	-.00038	-.00004	-.00015	-.00051
SDev	.00137	.22277	.00005	.00173	.00005	.00054	.00220
%RSD	243.17	58.930	286.74	452.59	144.50	356.32	430.37
#1	.00153	.53555	-.00005	.00084	-.00007	.00023	-.00206
#2	-.00040	.22050	.00002	-.00160	.00000	-.00053	.00104
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00302	-.00228	.00047	.00221	.00000	.01049
SDev	.00333	.00356	.00152	.00025	.00245	.00029	.00006
%RSD	1856.9	117.78	66.604	52.716	110.75	74261.	.55887
#1	-.00218	.00051	-.00335	.00065	.00395	.00020	.01053
#2	.00253	.00554	-.00120	.00030	.00048	-.00020	.01045
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00123	-.00020
SDev	.00315	.00034
%RSD	255.05	168.69

#1	.00346	-.00044
#2	-.00099	.00004

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4134	--	--	--	--	--	--
SDev	4.189469	--	--	--	--	--	--
%RSD	.1013482	--	--	--	--	--	--
#1	4137	--	--	--	--	--	--
#2	4131	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839952/PB Operator: AH
 Run Time: 07/17/08 16:03:20
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00802	-.00092	.00153	.00015	-.00002	.03613	-.00011
SDev	.00061	.00261	.00050	.00003	.00000	.00038	.00014
%RSD	7.6526	282.24	32.523	24.106	9.3189	1.0472	128.67

#1	.00846	-.00277	.00188	.00017	-.00002	.03640	-.00020
#2	.00759	.00092	.00117	.00012	-.00002	.03586	-.00001

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00800	-.00300	-.00310	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00089	-.00026	-.00094	-.00522	.02823	.00384	.00020
SDev	.00051	.00010	.00003	.00572	.00005	.00034	.00001
%RSD	57.228	40.060	3.5866	109.59	.17959	8.9699	5.5408

#1	-.00125	-.00018	-.00096	-.00926	.02820	.00408	.00020
#2	-.00053	-.00033	-.00091	-.00117	.02827	.00359	.00021

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00021	-.03453	-.00083	.00487	-.00197	.00031	-.00115
SDev	.00069	.26794	.00014	.00231	.00124	.00006	.00433
%RSD	333.90	775.94	16.636	47.424	63.002	19.749	377.24

#1	.00069	.15493	-.00073	.00650	-.00285	.00026	.00191
#2	-.00028	-.22399	-.00092	.00324	-.00109	.00035	-.00421

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00006	.00233	-.00289	.00053	-.00084	-.00069	.00146
SDev	.00388	.00464	.00417	.00042	.00181	.00000	.00028
%RSD	6895.1	199.46	144.62	78.892	213.90	.09881	19.047

#1	-.00269	.00561	.00007	.00083	.00043	-.00069	.00126
#2	.00280	-.00096	-.00584	.00023	-.00212	-.00069	.00166

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	H.03295	.00025
SDev	.00116	.00009
%RSD	3.5332	34.084

#1	H.03212	.00019
#2	H.03377	.00031

Errors	LC High	LC Pass
High	.01000	.00300
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4109	--	--	--	--	--	--
SDev	11.93243	--	--	--	--	--	--
%RSD	.2904035	--	--	--	--	--	--
#1	4100	--	--	--	--	--	--
#2	4117	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839951/CLPSL Operator: AH
 Run Time: 07/17/08 16:08:44
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	66.731	.80926	1.0817	4.0258	.56714	69.353	.58425
SDev	.073	.00149	.0011	.0061	.00103	.061	.00001
%RSD	.10903	.18419	.09823	.15078	.18243	.08811	.00111
#1	66.783	.80820	1.0810	4.0301	.56787	69.396	.58424
#2	66.680	.81031	1.0825	4.0215	.56640	69.310	.58425
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	133.00	1.0600	1.5700	5.0100	.71700	91.000	.74300
Low	47.300	.71800	.74600	3.5300	.50900	61.600	.51700
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.68829	.87193	.78986	104.88	24.962	25.690	2.5926
SDev	.00038	.00120	.00115	.05	.008	.040	.0010
%RSD	.05480	.13752	.14583	.04884	.03122	.15430	.03828
#1	.68803	.87108	.79067	104.84	24.957	25.662	2.5919
#2	.68856	.87278	.78904	104.91	24.968	25.718	2.5933
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.88300	1.1800	1.0200	246.00	35.600	38.800	3.6400
Low	.61100	.77200	.71700	83.900	20.600	22.300	2.3800
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.53153	4.3537	1.0848	.82599	.83468	.83179	1.4942
SDev	.00134	.0575	.0008	.00234	.00121	.00003	.0016
%RSD	.25126	1.3210	.06968	.28278	.14562	.00395	.11032
#1	.53058	4.3130	1.0853	.82764	.83382	.83177	1.4953
#2	.53247	4.3944	1.0843	.82434	.83554	.83181	1.4930
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.69100	6.2000	1.3600			1.0500	1.9000
Low	.45900	2.9200	.95800			.72700	1.2000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.83818	1.4690	1.5068	3.3511	1.2121	.90215	2.1128
SDev	.00003	.0086	.0018	.0103	.0047	.00188	.0020
%RSD	.00321	.58387	.12053	.30721	.38416	.20808	.09614
#1	.83816	1.4751	1.5055	3.3583	1.2154	.90082	2.1114
#2	.83820	1.4629	1.5080	3.3438	1.2088	.90348	2.1143
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	2.2600			5.3700	1.6100	1.3000	2.7800
Low	.00690			1.2000	1.0100	.81700	1.8200
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	1.0108	.73815
SDev	.0012	.00063
%RSD	.12129	.08544

#1	1.0100	.73771
#2	1.0117	.73860

Errors	LC Pass	LC Pass
High	1.4600	1.0900
Low	.78200	.54100

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4425	--	--	--	--	--	--
SDev	7.106285	--	--	--	--	--	--
%RSD	.1605995	--	--	--	--	--	--
#1	4420	--	--	--	--	--	--
#2	4430	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839932 Operator: AH
 Run Time: 07/17/08 16:14:07
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	22.998	.00969	.01716	.32900	.00142	11.355	.00108
SDev	.003	.00035	.00093	.00038	.00001	.004	.00001
%RSD	.01345	3.6253	5.4353	.11631	1.0008	.03811	.53981
#1	22.996	.00994	.01782	.32927	.00143	11.358	.00108
#2	23.001	.00944	.01650	.32873	.00141	11.352	.00109
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01661	.09038	.12110	36.763	1.9258	6.3924	.44783
SDev	.00008	.00034	.00015	.041	.0152	.0177	.00079
%RSD	.48768	.37850	.12569	.11109	.79005	.27622	.17740
#1	.01667	.09014	.12100	36.792	1.9366	6.4049	.44839
#2	.01655	.09062	.12121	36.734	1.9150	6.3800	.44727
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00342	.85531	.02788	.09863	.09936	.09911	.00007
SDev	.00104	.12581	.00050	.00065	.00107	.00050	.00043
%RSD	30.290	14.709	1.7819	.65760	1.0764	.50184	588.30
#1	.00415	.76635	.02823	.09909	.09860	.09876	-.00023
#2	.00269	.94427	.02753	.09817	.10011	.09947	.00037
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00015	.00037	-.00008	1.7689	-.00036	.07739	.27363
SDev	.00386	.00174	.00151	.0029	.00517	.00056	.00036
%RSD	2638.4	471.61	1986.5	.16131	1455.2	.71979	.13067
#1	.00258	.00160	-.00114	1.7710	.00330	.07778	.27388
#2	-.00287	-.00086	.00099	1.7669	-.00401	.07699	.27338
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.03294	.00050
SDev	.00009	.00033
%RSD	.26005	67.164

#1	.03288	.00073
#2	.03300	.00026

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4208	--	--	--	--	--	--
SDev	8.697620	--	--	--	--	--	--
%RSD	.2066802	--	--	--	--	--	--
#1	4202	--	--	--	--	--	--
#2	4214	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839933 Operator: AH
 Run Time: 07/17/08 16:19:31
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.782	.00405	.04935	.23561	.00438	22.773	-.00015
SDev	.057	.00001	.00036	.00060	.00002	.025	.00023
%RSD	.13756	.35728	.72701	.25568	.49210	.10762	156.19

#1	41.823	.00406	.04960	.23604	.00440	22.790	-.00032
#2	41.742	.00404	.04910	.23519	.00437	22.756	.00002

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02324	.07378	.05672	90.422	5.4380	7.8037	.72615
SDev	.00015	.00030	.00038	.174	.0263	.0119	.00106
%RSD	.62477	.40852	.66158	.19280	.48442	.15286	.14623

#1	.02314	.07399	.05646	90.545	5.4566	7.8122	.72690
#2	.02334	.07357	.05699	90.298	5.4193	7.7953	.72540

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00341	.89967	.03910	.06008	.05798	.05868	-.00181
SDev	.00007	.07710	.00021	.00079	.00158	.00131	.00338
%RSD	1.9629	8.5694	.52953	1.3143	2.7187	2.2399	186.82

#1	.00336	.95418	.03925	.06064	.05909	.05961	.00058
#2	.00345	.84515	.03895	.05952	.05687	.05775	-.00421

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00184	.00295	-.00419	3.0445	-.00498	.10831	.15272
SDev	.00049	.00578	.00219	.0056	.00030	.00020	.00013
%RSD	26.632	196.35	52.145	.18248	5.9903	.18233	.08550

#1	-.00149	.00704	-.00265	3.0485	-.00519	.10845	.15281
#2	-.00219	-.00114	-.00574	3.0406	-.00477	.10817	.15262

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.03153	.00014
SDev	.00110	.00015
%RSD	3.5016	113.73

#1	.03075	.00003
#2	.03231	.00024

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4250	--	--	--	--	--	--
SDev	3.447145	--	--	--	--	--	--
%RSD	.0811095	--	--	--	--	--	--
#1	4248	--	--	--	--	--	--
#2	4252	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839934 Operator: AH
 Run Time: 07/17/08 16:24:54
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	16.922	.01425	.00861	.24654	.00101	8.7735	.00058
SDev	.790	.00249	.00024	.01132	.00019	.4233	.00001
%RSD	4.6690	17.452	2.8166	4.5904	19.205	4.8248	2.1080

#1	16.363	.01249	.00844	.23854	.00087	8.4741	.00059
#2	17.481	.01601	.00878	.25455	.00115	9.0728	.00057

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01407	.03513	4.7851	54.300	1.3112	6.6891	1.2648
SDev	.00090	.00169	.2262	2.955	.0427	.3757	.0678
%RSD	6.3828	4.8214	4.7282	5.4426	3.2532	5.6164	5.3586

#1	.01343	.03394	4.6251	52.211	1.2811	6.4234	1.2168
#2	.01470	.03633	4.9451	56.390	1.3414	6.9547	1.3127

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00131	.62510	.02064	.05449	.05257	.05321	.00563
SDev	.00060	.13784	.00113	.00103	.00117	.00112	.00037
%RSD	45.813	22.050	5.4699	1.8931	2.2160	2.1059	6.5554

#1	.00089	.72257	.01985	.05376	.05174	.05242	.00589
#2	.00174	.52764	.02144	.05522	.05339	.05400	.00537

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00189	.00572	.00559	1.2375	-.00203	.05662	.18930
SDev	.00357	.00008	.00051	.0571	.00237	.00375	.01062
%RSD	189.42	1.3897	9.2000	4.6120	116.89	6.6292	5.6078

#1	-.00441	.00578	.00595	1.1971	-.00035	.05396	.18180
#2	.00064	.00567	.00522	1.2778	-.00371	.05927	.19681

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.03261	.00057
SDev	.00232	.00022
%RSD	7.1287	39.598

#1	.03096	.00041
#2	.03425	.00073

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4045	--	--	--	--	--	--
SDev	183.8654	--	--	--	--	--	--
%RSD	4.545820	--	--	--	--	--	--
#1	4175	--	--	--	--	--	--
#2	3915	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839934/L (1:5) Operator: AH
 Run Time: 07/17/08 16:30:18
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	3.3738	.00190	.00428	.04867	.00019	1.7564	.00007
SDev	.0771	.00091	.00023	.00099	.00001	.0381	.00019
%RSD	2.2852	47.929	5.4146	2.0386	2.8895	2.1718	268.24

#1	3.4283	.00126	.00445	.04937	.00018	1.7834	.00021
#2	3.3193	.00255	.00412	.04797	.00019	1.7295	-.00007

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00244	.00655	.93909	10.607	.24090	1.2895	.24648
SDev	.00012	.00011	.02206	.174	.00260	.0182	.00403
%RSD	4.9415	1.7398	2.3495	1.6438	1.0810	1.4132	1.6346

#1	.00253	.00663	.95470	10.731	.24274	1.3024	.24933
#2	.00235	.00646	.92349	10.484	.23906	1.2766	.24363

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00108	.05428	.00390	.01340	.01097	.01178	-.00165
SDev	.00007	.07237	.00056	.00041	.00149	.00086	.00163
%RSD	6.9221	133.33	14.345	3.0321	13.616	7.3099	98.691

#1	.00114	.00311	.00429	.01311	.01203	.01239	-.00280
#2	.00103	.10545	.00350	.01369	.00991	.01117	-.00050

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00187	.00051	-.00273	.24777	.00032	.01098	.03679
SDev	.00004	.00087	.00288	.00092	.00251	.00057	.00036
%RSD	2.0527	169.64	105.33	.37148	780.99	5.2267	.97556

#1	-.00184	.00113	-.00477	.24712	.00210	.01139	.03704
#2	-.00190	-.00010	-.00070	.24842	-.00146	.01057	.03654

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00717	.00001
SDev	.00180	.00004
%RSD	25.129	453.54

#1	.00844	-.00002
#2	.00589	.00004

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4151	--	--	--	--	--	--
SDev	1.590990	--	--	--	--	--	--
%RSD	.0383256	--	--	--	--	--	--
#1	4150	--	--	--	--	--	--
#2	4152	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 04:42:30 PM

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Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/17/08 16:37:10

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.448	.50415	.49722	.51291	.50092	25.237	.49662
SDev	.014	.00112	.00117	.00030	.00056	.028	.00054
%RSD	.05621	.22277	.23576	.05841	.11278	.10954	.10964
#1	25.458	.50335	.49639	.51270	.50132	25.257	.49701
#2	25.438	.50494	.49805	.51312	.50052	25.218	.49624
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49518	.51204	.49176	24.717	25.673	25.183	.50224
SDev	.00029	.00003	.00059	.007	.022	.029	.00032
%RSD	.05878	.00626	.12041	.02696	.08406	.11653	.06424
#1	.49539	.51201	.49217	24.722	25.689	25.204	.50246
#2	.49498	.51206	.49134	24.712	25.658	25.163	.50201
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49808	25.296	.50331	.50310	.51770	.51284	.51599
SDev	.00214	.087	.00047	.00225	.00043	.00103	.00271
%RSD	.42914	.34370	.09436	.44700	.08291	.20185	.52597
#1	.49656	25.235	.50365	.50469	.51800	.51357	.51791
#2	.49959	25.358	.50298	.50151	.51740	.51211	.51407
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50542	.50339	.52230	.52356	.50870	.50345	.50683
SDev	.00371	.00347	.00233	.00013	.00304	.00053	.00072
%RSD	.73392	.69002	.44691	.02524	.59834	.10470	.14191
#1	.50280	.50584	.52395	.52365	.50654	.50382	.50734
#2	.50805	.50093	.52065	.52347	.51085	.50308	.50633
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50262	.50040
SDev	.00179	.00122
%RSD	.35545	.24442

#1	.50136	.49954
#2	.50388	.50127

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4117	--	--	--	--	--	--
SDev	10.44743	--	--	--	--	--	--
%RSD	.2537486	--	--	--	--	--	--
#1	4110	--	--	--	--	--	--
#2	4125	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/17/08 16:42:34

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03471	-.00069	.00041	.00015	.00010	.02419	.00007
SDev	.00118	.00024	.00143	.00009	.00001	.00040	.00004
%RSD	3.3923	34.324	350.84	60.787	7.1718	1.6440	50.486
#1	.03555	-.00052	.00142	.00008	.00010	.02391	.00010
#2	.03388	-.00086	-.00060	.00021	.00009	.02447	.00005
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00012	.00015	-.00066	.00531	.00324	.02485	.00007
SDev	.00005	.00030	.00005	.00217	.01337	.00075	.00006
%RSD	40.373	200.90	7.8671	40.914	412.15	3.0004	93.293
#1	-.00016	.00036	-.00070	.00377	.01270	.02537	.00011
#2	-.00009	-.00006	-.00062	.00685	-.00621	.02432	.00002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00127	.08183	.00026	-.00160	-.00100	-.00120	-.00066
SDev	.00094	.18978	.00015	.00062	.00142	.00074	.00103
%RSD	74.009	231.92	57.474	38.778	142.21	61.733	156.17
#1	.00193	-.05236	.00016	-.00204	.00001	-.00067	.00007
#2	.00060	.21603	.00037	-.00116	-.00200	-.00172	-.00139
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00091	-.00017	-.00090	.00043	.00113	.00021	.00015
SDev	.00099	.00329	.00010	.00011	.00301	.00035	.00000
%RSD	108.67	1933.3	11.116	26.127	265.74	168.73	1.5933
#1	.00162	.00216	-.00098	.00035	.00327	.00045	.00015
#2	.00021	-.00250	-.00083	.00051	-.00100	-.00004	.00015
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Analysis Report

Blank Sample

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Units	ppm	ppm
Avge	-.00027	-.00003
SDev	.00108	.00033
%RSD	394.45	1149.9

#1	.00049	.00020
#2	-.00104	-.00026

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4123	--	--	--	--	--	--
SDev	11.19010	--	--	--	--	--	--
%RSD	.2713961	--	--	--	--	--	--
#1	4115	--	--	--	--	--	--
#2	4131	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839934/PS Operator: AH
 Run Time: 07/17/08 16:47:58
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.604	.41388	.39143	.63720	.39323	28.069	.39352
SDev	.050	.00669	.00115	.00048	.00083	.046	.00004
%RSD	.13905	1.6165	.29461	.07523	.21102	.16249	.01122
#1	35.569	.40915	.39225	.63686	.39264	28.036	.39349
#2	35.639	.41861	.39062	.63754	.39382	28.101	.39355
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.40649	.42514	4.8415	69.489	21.744	26.031	1.5557
SDev	.00048	.00067	.0086	.038	.032	.013	.0011
%RSD	.11714	.15632	.17695	.05423	.14681	.05038	.07202
#1	.40616	.42561	4.8355	69.515	21.767	26.040	1.5565
#2	.40683	.42467	4.8476	69.462	21.721	26.022	1.5549
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39917	20.307	.41119	.43884	.44825	.44512	.39812
SDev	.00121	.001	.00162	.00114	.00314	.00247	.00156
%RSD	.30209	.00583	.39308	.25919	.69972	.55509	.39299
#1	.39832	20.307	.41005	.43804	.44603	.44337	.39702
#2	.40003	20.308	.41233	.43964	.45047	.44687	.39923
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39804	.38998	.40220	1.5620	.39131	.45219	.56930
SDev	.00100	.00172	.00320	.0048	.00003	.00004	.00035
%RSD	.25173	.44021	.79693	.30889	.00679	.00833	.06108
#1	.39875	.39119	.39994	1.5586	.39133	.45221	.56905
#2	.39733	.38876	.40447	1.5654	.39129	.45216	.56955
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.42949	.09806
SDev	.00186	.00001
%RSD	.43306	.01221

#1	.42817	.09805
#2	.43080	.09807

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4137	--	--	--	--	--	--
SDev	6.629126	--	--	--	--	--	--
%RSD	.1602443	--	--	--	--	--	--
#1	4132	--	--	--	--	--	--
#2	4142	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839935/MS Operator: AH
 Run Time: 07/17/08 16:53:22
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	35.406	.39817	.38397	.50879	.38469	26.350	.38429
SDev	.102	.00076	.00131	.00185	.00108	.083	.00005
%RSD	.28821	.19160	.34132	.36407	.28062	.31410	.01348
#1	35.334	.39763	.38304	.50748	.38392	26.291	.38425
#2	35.478	.39871	.38490	.51010	.38545	26.408	.38433
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38858	.41237	.46874	67.043	21.402	28.362	1.4015
SDev	.00107	.00019	.00162	.064	.003	.040	.0013
%RSD	.27474	.04598	.34506	.09592	.01436	.14242	.09396
#1	.38782	.41224	.46760	66.997	21.400	28.333	1.4006
#2	.38933	.41251	.46988	67.088	21.404	28.390	1.4025
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39982	19.906	.41532	.42042	.42720	.42494	.38544
SDev	.00126	.099	.00102	.00091	.00032	.00009	.00281
%RSD	.31474	.49593	.24467	.21587	.07492	.02088	.72901
#1	.39893	19.836	.41460	.41978	.42742	.42488	.38743
#2	.40071	19.976	.41604	.42106	.42697	.42500	.38346
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37847	.37720	.38957	2.3210	.38419	.44333	.54291
SDev	.00099	.00961	.00059	.0078	.00288	.00109	.00099
%RSD	.26235	2.5484	.15180	.33609	.75001	.24495	.18252
#1	.37777	.38399	.38916	2.3155	.38216	.44256	.54221
#2	.37918	.37040	.38999	2.3265	.38623	.44410	.54361
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.41977	.09828
SDev	.00006	.00000
%RSD	.01462	.00248

#1	.41972	.09828
#2	.41981	.09829

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4154	--	--	--	--	--	--
SDev	2.121320	--	--	--	--	--	--
%RSD	.0510731	--	--	--	--	--	--
#1	4152	--	--	--	--	--	--
#2	4155	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839936/SD Operator: AH
 Run Time: 07/17/08 16:58:45
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	37.404	.41043	.38591	.55565	.38509	28.577	.38524
SDev	.121	.00105	.00070	.00272	.00112	.084	.00026
%RSD	.32249	.25588	.18170	.48998	.28982	.29523	.06627

#1	37.319	.40968	.38541	.55373	.38431	28.518	.38542
#2	37.489	.41117	.38641	.55758	.38588	28.637	.38506

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.38834	.41100	.42676	90.064	21.609	27.482	2.0129
SDev	.00057	.00018	.00132	.017	.008	.016	.0016
%RSD	.14687	.04327	.30884	.01869	.03754	.05863	.07719

#1	.38874	.41112	.42582	90.075	21.603	27.494	2.0140
#2	.38794	.41087	.42769	90.052	21.614	27.471	2.0118

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.39970	20.119	.40409	.42312	.43689	.43230	.38554
SDev	.00185	.017	.00150	.00114	.00120	.00118	.00275
%RSD	.46219	.08670	.37231	.27054	.27429	.27306	.71398

#1	.39840	20.107	.40303	.42231	.43604	.43147	.38748
#2	.40101	20.131	.40516	.42393	.43774	.43314	.38359

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.37603	.37522	.39070	1.3564	.38736	.45941	.55566
SDev	.00537	.00671	.00077	.0071	.00093	.00020	.00027
%RSD	1.4281	1.7884	.19804	.51988	.24053	.04424	.04911

#1	.37983	.37996	.39125	1.3515	.38670	.45956	.55546
#2	.37223	.37047	.39015	1.3614	.38802	.45927	.55585

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.42195	.09786
SDev	.00094	.00012
%RSD	.22370	.12051

#1	.42128	.09778
#2	.42261	.09794

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4164	--	--	--	--	--	--
SDev	9.493115	--	--	--	--	--	--
%RSD	.2279704	--	--	--	--	--	--
#1	4171	--	--	--	--	--	--
#2	4157	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839937

Operator: AH

Run Time: 07/17/08 17:04:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	41.766	.00930	.00889	.15340	.00066	9.2080	.00040
SDev	.086	.00055	.00038	.00039	.00002	.0202	.00016
%RSD	.20707	5.9358	4.3185	.25211	2.6243	.21887	40.207
#1	41.705	.00891	.00862	.15313	.00067	9.1937	.00052
#2	41.827	.00969	.00916	.15367	.00064	9.2222	.00029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00499	.07973	.10156	15.002	.76093	3.0603	.16989
SDev	.00015	.00061	.00017	.032	.00408	.0033	.00019
%RSD	3.0788	.76571	.16903	.21012	.53583	.10927	.10942
#1	.00510	.08016	.10144	15.024	.76381	3.0627	.17002
#2	.00489	.07929	.10169	14.979	.75805	3.0580	.16976
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00331	.24392	.00973	.07262	.07314	.07297	.00015
SDev	.00044	.07965	.00015	.00068	.00123	.00105	.00022
%RSD	13.304	32.654	1.5837	.93630	1.6850	1.4369	148.99
#1	.00362	.18760	.00984	.07310	.07401	.07371	.00031
#2	.00300	.30024	.00962	.07214	.07227	.07222	-.00001
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00018	.00337	-.00146	.86384	.00026	.04126	.12758
SDev	.00116	.00631	.00349	.01148	.00038	.00005	.00013
%RSD	646.40	187.46	239.32	1.3286	146.18	.12523	.10268
#1	.00100	-.00110	.00101	.87195	-.00001	.04130	.12767
#2	-.00064	.00783	-.00393	.85572	.00053	.04123	.12749
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.03193	-.00009
SDev	.00015	.00034
%RSD	.48435	403.97

#1	.03204	.00016
#2	.03182	-.00033

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4189	--	--	--	--	--	--
SDev	11.08410	--	--	--	--	--	--
%RSD	.2646279	--	--	--	--	--	--
#1	4181	--	--	--	--	--	--
#2	4196	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839938 Operator: AH
 Run Time: 07/17/08 17:09:35
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	17.529	.01192	.00839	.18008	.00108	7.0258	-.00002
SDev	.049	.00142	.00003	.00054	.00001	.0110	.00015
%RSD	.28199	11.941	.40246	.30115	.94424	.15700	740.67

#1	17.564	.01091	.00836	.18046	.00108	7.0336	.00009
#2	17.494	.01292	.00841	.17969	.00107	7.0180	-.00013

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01238	.04823	.60423	57.907	2.0079	8.1485	1.3931
SDev	.00016	.00003	.00153	.063	.0209	.0173	.0020
%RSD	1.2657	.06830	.25325	.10878	1.0416	.21246	.14228

#1	.01227	.04825	.60531	57.951	2.0227	8.1608	1.3945
#2	.01249	.04820	.60315	57.862	1.9931	8.1363	1.3917

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.38170	.02135	.04719	.04546	.04603	-.00116
SDev	.00048	.17016	.00015	.00247	.00124	.00000	.00153
%RSD	46.166	44.579	.71069	5.2405	2.7261	.00678	132.22

#1	.00137	.50202	.02125	.04893	.04458	.04603	-.00008
#2	.00070	.26138	.02146	.04544	.04633	.04604	-.00224

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00003	.00339	-.00343	1.1875	-.00397	.04464	.13715
SDev	.00024	.00420	.00019	.0040	.00209	.00018	.00017
%RSD	861.31	123.84	5.6028	.33852	52.636	.41317	.12424

#1	.00020	.00637	-.00330	1.1904	-.00545	.04477	.13727
#2	-.00014	.00042	-.00357	1.1847	-.00249	.04451	.13703

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.02994	.00049
SDev	.00032	.00024
%RSD	1.0863	49.214

#1	.03017	.00066
#2	.02971	.00032

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4170	--	--	--	--	--	--
SDev	11.66726	--	--	--	--	--	--
%RSD	.2798206	--	--	--	--	--	--
#1	4161	--	--	--	--	--	--
#2	4178	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839939

Operator: AH

Run Time: 07/17/08 17:14:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	30.345	.00628	.04307	.14317	.00291	7.8796	.00024
SDev	.034	.00074	.00043	.00028	.00000	.0017	.00008
%RSD	.11109	11.850	.98916	.19770	.00942	.02129	32.609

#1	30.369	.00681	.04337	.14337	.00291	7.8808	.00029
#2	30.321	.00576	.04277	.14297	.00291	7.8784	.00018

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02200	.05075	.07547	39.765	3.5350	13.855	.41567
SDev	.00020	.00021	.00013	.062	.0182	.012	.00049
%RSD	.88899	.42227	.16611	.15690	.51382	.08446	.11662

#1	.02186	.05090	.07539	39.721	3.5479	13.847	.41533
#2	.02213	.05060	.07556	39.809	3.5222	13.863	.41602

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00176	.53917	.04581	.16013	.16243	.16166	-.00175
SDev	.00098	.00255	.00034	.00067	.00009	.00028	.00148
%RSD	55.825	.47376	.73723	.42106	.05372	.17488	84.628

#1	.00246	.53736	.04558	.16060	.16249	.16186	-.00070
#2	.00107	.54098	.04605	.15965	.16237	.16146	-.00279

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00113	.00059	-.00291	1.9351	.00164	.06852	.26745
SDev	.00342	.00044	.00200	.0019	.00198	.00028	.00027
%RSD	302.77	75.050	68.528	.09985	121.05	.40768	.09962

#1	.00129	.00090	-.00150	1.9365	.00304	.06872	.26764
#2	-.00355	.00028	-.00432	1.9337	.00024	.06832	.26726

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.03379	.00034
SDev	.00024	.00030
%RSD	.71428	88.183

#1	.03396	.00055
#2	.03362	.00013

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4216	--	--	--	--	--	--
SDev	3.181981	--	--	--	--	--	--
%RSD	.0754797	--	--	--	--	--	--
#1	4213	--	--	--	--	--	--
#2	4218	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD839940 Operator: AH
 Run Time: 07/17/08 17:20:23
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	68.216	.01068	.06642	.27349	.00758	20.813	-.00080
SDev	.034	.00071	.00163	.00030	.00002	.022	.00008
%RSD	.04953	6.6051	2.4509	.11167	.29428	.10561	10.435

#1	68.192	.01018	.06527	.27327	.00757	20.798	-.00074
#2	68.240	.01117	.06757	.27370	.00760	20.829	-.00085

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.03652	.13978	.05799	146.18	6.3336	10.002	1.0103
SDev	.00000	.00041	.00058	.08	.0123	.016	.0005
%RSD	.01031	.29315	1.0025	.05784	.19481	.16100	.05321

#1	.03651	.13949	.05758	146.12	6.3249	9.9906	1.0100
#2	.03652	.14007	.05840	146.24	6.3424	10.013	1.0107

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00462	1.2863	.07826	.04822	.04303	.04476	-.00425
SDev	.00015	.0594	.00041	.00127	.00050	.00009	.00187
%RSD	3.3454	4.6182	.52208	2.6253	1.1708	.19112	43.933

#1	.00473	1.2443	.07797	.04733	.04339	.04470	-.00293
#2	.00451	1.3283	.07855	.04912	.04267	.04482	-.00557

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00082	.00437	-.00856	3.6908	-.00453	.11923	.14236
SDev	.00058	.00435	.00062	.0004	.00357	.00029	.00054
%RSD	71.377	99.599	7.2790	.01121	78.818	.24031	.38100

#1	-.00123	.00745	-.00812	3.6910	-.00705	.11943	.14198
#2	-.00041	.00129	-.00900	3.6905	-.00200	.11902	.14274

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.02973	.00016
SDev	.00209	.00055
%RSD	7.0353	348.72

#1	.03121	-.00023
#2	.02825	.00054

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4312	--	--	--	--	--	--
SDev	2.280489	--	--	--	--	--	--
%RSD	.0528832	--	--	--	--	--	--
#1	4311	--	--	--	--	--	--
#2	4314	--	--	--	--	--	--

Analysis Report

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Method: TRACE2 Sample Name: AD839941 Operator: AH
 Run Time: 07/17/08 17:25:47
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.920	.00243	.00510	.11936	.00049	3.9309	.00017
SDev	.056	.00316	.00063	.00027	.00001	.0101	.00005
%RSD	.35027	130.30	12.260	.22626	1.0054	.25671	28.035
#1	15.880	.00019	.00466	.11917	.00048	3.9238	.00014
#2	15.959	.00467	.00554	.11955	.00049	3.9381	.00020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01004	.03437	.03179	22.134	.87297	3.6897	.50635
SDev	.00036	.00018	.00021	.004	.00989	.0070	.00023
%RSD	3.5633	.52999	.66061	.01590	1.1333	.18925	.04543
#1	.00979	.03424	.03165	22.131	.86597	3.6848	.50651
#2	.01029	.03450	.03194	22.136	.87996	3.6947	.50618
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00002	.26875	.02053	.03957	.03939	.03945	-.00205
SDev	.00101	.00922	.00034	.00220	.00180	.00047	.00035
%RSD	4398.9	3.4323	1.6371	5.5631	4.5619	1.1801	17.252
#1	-.00074	.27527	.02029	.04113	.03812	.03912	-.00180
#2	.00069	.26223	.02077	.03802	.04066	.03978	-.00230
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00198	-.00055	-.00280	1.2655	-.00252	.04057	.11618
SDev	.00171	.00618	.00256	.0019	.00159	.00057	.00057
%RSD	86.489	1125.1	91.624	.15118	63.271	1.4162	.49533
#1	-.00077	.00382	-.00461	1.2641	-.00139	.04016	.11577
#2	-.00319	-.00492	-.00098	1.2669	-.00364	.04097	.11658
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.02695	.00004
SDev	.00120	.00008
%RSD	4.4549	211.08

#1	.02610	-.00002
#2	.02780	.00010

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4177	--	--	--	--	--	--
SDev	.5835012	--	--	--	--	--	--
%RSD	.0139681	--	--	--	--	--	--
#1	4178	--	--	--	--	--	--
#2	4177	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839942 Operator: AH
 Run Time: 07/17/08 17:31:11
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.471	.00387	.01032	.12787	.00115	4.7447	.00036
SDev	.075	.00138	.00040	.00061	.00002	.0251	.00007
%RSD	.55431	35.734	3.8832	.47934	1.5915	.52874	18.197
#1	13.524	.00484	.01061	.12830	.00116	4.7624	.00041
#2	13.418	.00289	.01004	.12744	.00113	4.7269	.00032
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01054	.03699	.08293	25.176	1.3677	3.5455	.37530
SDev	.00007	.00011	.00046	.024	.0089	.0042	.00032
%RSD	.69973	.30276	.55794	.09472	.65206	.11924	.08460
#1	.01060	.03707	.08326	25.193	1.3740	3.5485	.37552
#2	.01049	.03691	.08260	25.160	1.3614	3.5425	.37507
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00130	.45864	.01836	.04965	.05015	.04999	-.00291
SDev	.00062	.11435	.00014	.00120	.00065	.00003	.00104
%RSD	47.710	24.933	.76685	2.4098	1.2890	.06556	35.790
#1	.00174	.37778	.01846	.05050	.04970	.04996	-.00217
#2	.00086	.53950	.01826	.04880	.05061	.05001	-.00364
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00137	-.00491	-.00190	1.0414	.00128	.03824	.12374
SDev	.00160	.00377	.00344	.0045	.00226	.00016	.00017
%RSD	116.50	76.662	180.93	.43245	176.22	.40972	.13845
#1	-.00251	-.00757	.00053	1.0446	-.00032	.03835	.12361
#2	-.00024	-.00225	-.00434	1.0383	.00288	.03812	.12386
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.02436	.00001
SDev	.00034	.00038
%RSD	1.4076	3886.2

#1	.02412	-.00026
#2	.02460	.00028

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4182	--	--	--	--	--	--
SDev	10.76577	--	--	--	--	--	--
%RSD	.2574426	--	--	--	--	--	--
#1	4174	--	--	--	--	--	--
#2	4189	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839943 Operator: AH
 Run Time: 07/17/08 17:36:35
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.647	.00563	.00640	.16117	.00058	5.8043	-.00006
SDev	.124	.00148	.00126	.00110	.00001	.0231	.00004
%RSD	.57302	26.341	19.703	.68499	1.2876	.39745	68.160

#1	21.735	.00458	.00729	.16195	.00058	5.8206	-.00003
#2	21.559	.00667	.00551	.16039	.00057	5.7880	-.00009

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01748	.04340	.04672	38.519	1.2775	8.0349	.45704
SDev	.00012	.00042	.00013	.006	.0069	.0056	.00008
%RSD	.68275	.96199	.28023	.01654	.53682	.06917	.01775

#1	.01757	.04370	.04681	38.514	1.2823	8.0310	.45698
#2	.01740	.04311	.04663	38.523	1.2726	8.0389	.45710

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.63337	.02736	.02701	.02391	.02494	-.00342
SDev	.00094	.05729	.00047	.00042	.00074	.00035	.00058
%RSD	73.947	9.0454	1.7009	1.5501	3.0799	1.4103	17.010

#1	.00194	.67388	.02769	.02671	.02443	.02519	-.00301
#2	.00061	.59286	.02703	.02730	.02339	.02469	-.00383

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00334	.00143	-.00585	2.2803	-.00067	.07290	.10814
SDev	.00155	.00272	.00223	.0087	.00150	.00002	.00005
%RSD	46.455	190.35	38.184	.38351	224.73	.03045	.04485

#1	-.00444	-.00049	-.00427	2.2865	.00039	.07291	.10811
#2	-.00224	.00335	-.00742	2.2741	-.00173	.07288	.10818

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.03368	.00025
SDev	.00252	.00010
%RSD	7.4911	37.276

#1	.03190	.00032
#2	.03547	.00019

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4165	--	--	--	--	--	--
SDev	17.28890	--	--	--	--	--	--
%RSD	.4150797	--	--	--	--	--	--
#1	4153	--	--	--	--	--	--
#2	4177	--	--	--	--	--	--

Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/17/08 17:43:28

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.353	.49779	.49838	.50980	.50011	25.125	.49515
SDev	.083	.00098	.00051	.00159	.00111	.079	.00020
%RSD	.32861	.19683	.10241	.31274	.22086	.31304	.04117
#1	25.295	.49709	.49802	.50868	.49932	25.070	.49530
#2	25.412	.49848	.49874	.51093	.50089	25.181	.49501
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49419	.51101	.49192	24.712	25.531	25.099	.50201
SDev	.00032	.00026	.00148	.008	.032	.003	.00042
%RSD	.06435	.05024	.30163	.03275	.12567	.01381	.08263
#1	.49442	.51120	.49087	24.718	25.553	25.096	.50231
#2	.49397	.51083	.49297	24.707	25.508	25.101	.50172
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49743	25.245	.50096	.50249	.51354	.50986	.51469
SDev	.00083	.181	.00133	.00125	.00172	.00156	.00746
%RSD	.16644	.71759	.26534	.24867	.33511	.30674	1.4495
#1	.49685	25.117	.50002	.50338	.51475	.51097	.51996
#2	.49802	25.373	.50190	.50161	.51232	.50875	.50941
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50205	.50678	.51865	.51776	.49930	.50174	.50398
SDev	.00208	.00518	.00860	.00165	.00418	.00047	.00004
%RSD	.41432	1.0224	1.6582	.31810	.83651	.09296	.00735
#1	.50058	.51045	.52473	.51659	.49634	.50141	.50395
#2	.50353	.50312	.51256	.51892	.50225	.50207	.50400
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.50121	.47883
SDev	.00060	.00040
%RSD	.11904	.08248

#1	.50079	.47911
#2	.50164	.47855

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4110	--	--	--	--	--	--
SDev	9.015612	--	--	--	--	--	--
%RSD	.2193659	--	--	--	--	--	--
#1	4116	--	--	--	--	--	--
#2	4103	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 05:54:13 PM

page 1

Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/17/08 17:48:52

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01421	.00074	-.00023	.00014	.00014	.00758	.00006
SDev	.00277	.00074	.00052	.00019	.00011	.00511	.00005
%RSD	19.518	98.853	229.82	135.03	83.772	67.390	83.809

#1	.01225	.00022	.00014	.00001	.00006	.00397	.00003
#2	.01617	.00127	-.00060	.00028	.00022	.01119	.00010

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00031	.00011	-.00047	.00969	-.00319	.00523	.00014
SDev	.00002	.00032	.00021	.00572	.00940	.00496	.00015
%RSD	7.9154	278.91	45.189	59.019	294.24	94.951	101.86

#1	-.00029	.00034	-.00061	.00565	.00345	.00172	.00004
#2	-.00033	-.00011	-.00032	.01373	-.00984	.00874	.00025

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00128	.00559	.00046	.00063	.00162	.00129	-.00196
SDev	.00031	.09440	.00022	.00043	.00030	.00006	.00219
%RSD	24.059	1688.2	48.763	67.662	18.239	4.2818	111.61

#1	.00106	-.06116	.00030	.00093	.00141	.00125	-.00041
#2	.00150	.07234	.00062	.00033	.00183	.00133	-.00351

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00201	-.00485	-.00051	.00079	.00185	.00025	.00016
SDev	.00002	.00344	.00156	.00011	.00376	.00017	.00014
%RSD	1.0499	70.792	304.57	14.380	203.20	69.694	92.304

#1	-.00200	-.00242	.00059	.00071	.00451	.00037	.00005
#2	-.00203	-.00728	-.00162	.00087	-.00081	.00013	.00026

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00147	-.00027
SDev	.00042	.00018
%RSD	28.454	66.980

#1	.00177	-.00014
#2	.00118	-.00040

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4106	--	--	--	--	--	--
SDev	2.704476	--	--	--	--	--	--
%RSD	.0658654	--	--	--	--	--	--
#1	4108	--	--	--	--	--	--
#2	4104	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839944 Operator: AH
 Run Time: 07/17/08 17:54:17
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	9.2766	.00185	.00681	.09974	.00050	4.4851	.00007
SDev	.0124	.00018	.00014	.00006	.00002	.0057	.00002
%RSD	.13352	9.6511	2.0712	.06110	2.9952	.12816	19.816
#1	9.2678	.00172	.00671	.09969	.00051	4.4810	.00006
#2	9.2854	.00197	.00691	.09978	.00049	4.4891	.00008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00789	.03420	.03443	20.104	.95879	3.4464	.45202
SDev	.00043	.00013	.00022	.038	.00264	.0121	.00059
%RSD	5.4127	.38314	.64162	.19080	.27492	.35140	.13060
#1	.00759	.03411	.03459	20.131	.96065	3.4550	.45243
#2	.00819	.03430	.03428	20.077	.95693	3.4378	.45160
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00104	.40481	.01395	.02718	.02786	.02763	.00130
SDev	.00029	.02446	.00027	.00216	.00039	.00046	.00420
%RSD	27.827	6.0417	1.9494	7.9330	1.4136	1.6479	322.18
#1	.00083	.38752	.01414	.02871	.02758	.02796	-.00167
#2	.00124	.42211	.01376	.02566	.02814	.02731	.00427
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00389	.00148	.00122	.93362	-.00043	.03343	.08190
SDev	.00179	.00437	.00411	.00202	.00073	.00039	.00046
%RSD	46.041	295.35	338.51	.21652	169.94	1.1577	.55772
#1	-.00516	-.00161	-.00169	.93219	.00009	.03316	.08222
#2	-.00263	.00457	.00413	.93505	-.00095	.03371	.08157
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.03262	.00016
SDev	.00011	.00004
%RSD	.33883	26.617

#1	.03270	.00019
#2	.03255	.00013

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4153	--	--	--	--	--	--
SDev	1.644161	--	--	--	--	--	--
%RSD	.0395882	--	--	--	--	--	--
#1	4152	--	--	--	--	--	--
#2	4154	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839945 Operator: AH
 Run Time: 07/17/08 17:59:41
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	15.209	.00952	.04148	.18494	.00124	7.8290	.00018
SDev	.009	.00015	.00042	.00015	.00002	.0116	.00008
%RSD	.05601	1.5767	1.0016	.07888	1.3148	.14784	43.532

#1	15.203	.00941	.04177	.18483	.00123	7.8208	.00012
#2	15.215	.00962	.04119	.18504	.00126	7.8372	.00024

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01224	.09465	.09381	34.004	1.5987	4.4273	.62238
SDev	.00022	.00063	.00010	.001	.0090	.0083	.00034
%RSD	1.7633	.66158	.10262	.00254	.56599	.18690	.05510

#1	.01209	.09420	.09388	34.004	1.5923	4.4214	.62262
#2	.01239	.09509	.09375	34.003	1.6051	4.4331	.62213

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00161	.53413	.02123	.09182	.09065	.09104	-.00072
SDev	.00038	.27063	.00026	.00086	.00097	.00094	.00081
%RSD	23.241	50.667	1.2402	.93898	1.0725	1.0277	111.75

#1	.00135	.34277	.02104	.09121	.08996	.09038	-.00129
#2	.00188	.72549	.02142	.09243	.09133	.09170	-.00015

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00932	-.00017	-.00100	1.3702	-.00101	.05164	.22511
SDev	.00200	.00818	.00530	.0040	.00192	.00005	.00081
%RSD	21.482	4844.7	529.92	.29259	190.96	.09449	.35856

#1	.00790	.00562	-.00475	1.3673	.00035	.05167	.22454
#2	.01074	-.00595	.00275	1.3730	-.00237	.05160	.22568

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.02920	.00039
SDev	.00057	.00014
%RSD	1.9544	35.139

#1	.02960	.00029
#2	.02879	.00048

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4172	--	--	--	--	--	--
SDev	.6894982	--	--	--	--	--	--
%RSD	.0165274	--	--	--	--	--	--
#1	4172	--	--	--	--	--	--
#2	4171	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839946 Operator: AH
 Run Time: 07/17/08 18:05:04
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	14.332	.00562	.00480	.12122	.00044	7.2704	.00011
SDev	.051	.00232	.00140	.00016	.00000	.0262	.00001
%RSD	.35860	41.339	29.100	.13229	.30384	.36003	6.5118
#1	14.296	.00726	.00381	.12110	.00044	7.2519	.00012
#2	14.368	.00398	.00578	.12133	.00044	7.2889	.00011
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01137	.04295	.02742	20.694	1.0954	5.1270	.69913
SDev	.00014	.00014	.00045	.024	.0006	.0073	.00047
%RSD	1.2331	.31957	1.6516	.11650	.05304	.14287	.06801
#1	.01147	.04285	.02710	20.677	1.0950	5.1218	.69880
#2	.01127	.04305	.02774	20.711	1.0958	5.1322	.69947
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00029	.76648	.01759	.03781	.03280	.03447	.00189
SDev	.00009	.08980	.00026	.00093	.00115	.00108	.00006
%RSD	29.791	11.716	1.5072	2.4465	3.5124	3.1230	3.3076
#1	.00023	.70298	.01741	.03846	.03361	.03523	.00185
#2	.00035	.82997	.01778	.03716	.03198	.03371	.00194
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00384	.00435	.00067	1.8206	.00079	.04826	.10061
SDev	.00268	.00246	.00132	.0109	.00105	.00007	.00025
%RSD	69.934	56.581	198.94	.59767	132.51	.13725	.25075
#1	-.00574	.00608	-.00027	1.8130	.00153	.04821	.10079
#2	-.00194	.00261	.00160	1.8283	.00005	.04830	.10043
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.02415	.00004
SDev	.00112	.00008
%RSD	4.6408	207.09

#1	.02494	-.00002
#2	.02336	.00010

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4202	--	--	--	--	--	--
SDev	1.060660	--	--	--	--	--	--
%RSD	.0252421	--	--	--	--	--	--
#1	4203	--	--	--	--	--	--
#2	4201	--	--	--	--	--	--

Analysis Report

07/17/08 06:15:49 PM

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Method: TRACE2 Sample Name: AD839947

Operator: AH

Run Time: 07/17/08 18:10:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	13.972	.00479	.00667	.12098	.00041	5.7669	-.00007
SDev	.012	.00179	.00110	.00029	.00001	.0028	.00011
%RSD	.08624	37.418	16.418	.23951	3.1737	.04849	165.88

#1	13.964	.00352	.00744	.12077	.00042	5.7650	-.00014
#2	13.981	.00606	.00589	.12118	.00040	5.7689	.00001

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01425	.04070	.01245	17.008	1.4318	4.9083	.22403
SDev	.00012	.00018	.00036	.028	.0115	.0088	.00002
%RSD	.83001	.43608	2.8944	.16350	.80433	.18030	.01062

#1	.01416	.04057	.01271	17.028	1.4399	4.9146	.22405
#2	.01433	.04082	.01220	16.988	1.4236	4.9020	.22402

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00106	.25721	.02172	.00818	.00637	.00697	-.00030
SDev	.00063	.03449	.00037	.00037	.00135	.00078	.00119
%RSD	59.553	13.408	1.6947	4.4708	21.205	11.174	394.08

#1	.00061	.28160	.02146	.00792	.00732	.00752	.00054
#2	.00150	.23283	.02198	.00844	.00541	.00642	-.00114

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00091	.00130	-.00110	2.2650	-.00073	.05488	.05260
SDev	.00064	.00326	.00341	.0040	.00305	.00013	.00030
%RSD	69.727	250.05	309.03	.17736	420.39	.24444	.56713

#1	-.00136	-.00100	.00131	2.2622	-.00288	.05478	.05281
#2	-.00046	.00361	-.00351	2.2679	.00143	.05497	.05239

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.02932	.00030
SDev	.00046	.00063
%RSD	1.5687	205.26

#1	.02900	-.00014
#2	.02965	.00075

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4185	--	--	--	--	--	--
SDev	6.947117	--	--	--	--	--	--
%RSD	.1660019	--	--	--	--	--	--
#1	4180	--	--	--	--	--	--
#2	4190	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839948
 Run Time: 07/17/08 18:15:53

Operator: AH

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	24.330	.00934	.00959	.22464	.00072	11.268	.00079
SDev	.009	.00052	.00021	.00026	.00002	.008	.00011
%RSD	.03711	5.5892	2.1604	.11420	2.1861	.06877	14.371
#1	24.324	.00971	.00973	.22446	.00073	11.273	.00087
#2	24.337	.00897	.00944	.22482	.00070	11.262	.00071
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01654	.09407	.07311	24.018	1.6238	7.0599	.80167
SDev	.00027	.00019	.00021	.005	.0070	.0065	.00020
%RSD	1.6133	.20506	.29138	.02119	.42821	.09244	.02525
#1	.01673	.09421	.07326	24.021	1.6189	7.0646	.80181
#2	.01635	.09393	.07296	24.014	1.6287	7.0553	.80153
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00199	.63728	.03302	.07174	.07322	.07273	.00099
SDev	.00028	.10908	.00005	.00015	.00126	.00089	.00062
%RSD	14.151	17.116	.13751	.20166	1.7151	1.2179	62.210
#1	.00179	.56015	.03299	.07184	.07411	.07336	.00056
#2	.00218	.71441	.03306	.07164	.07234	.07210	.00143
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00157	.00203	.00048	2.2139	-.00226	.10700	.17591
SDev	.00251	.00092	.00047	.0011	.00043	.00046	.00071
%RSD	159.38	45.406	97.764	.05075	19.209	.42850	.40468
#1	.00020	.00137	.00015	2.2147	-.00257	.10733	.17541
#2	-.00335	.00268	.00081	2.2131	-.00196	.10668	.17642
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.03314	.00028
SDev	.00107	.00021
%RSD	3.2228	76.733

#1	.03389	.00013
#2	.03238	.00043

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4259	--	--	--	--	--	--
SDev	2.704822	--	--	--	--	--	--
%RSD	.0635153	--	--	--	--	--	--
#1	4257	--	--	--	--	--	--
#2	4260	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839949 Operator: AH
 Run Time: 07/17/08 18:21:17
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	21.402	.00710	.00983	.18820	.00073	10.329	-.00007
SDev	.027	.00295	.00006	.00030	.00001	.008	.00002
%RSD	.12801	41.487	.60607	.15652	.90834	.07659	23.980

#1	21.383	.00502	.00979	.18841	.00073	10.323	-.00006
#2	21.422	.00918	.00987	.18799	.00072	10.334	-.00009

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02239	.08505	.02898	23.932	1.9282	8.0700	.65720
SDev	.00007	.00035	.00000	.001	.0097	.0018	.00019
%RSD	.31528	.41358	.00031	.00233	.50206	.02209	.02849

#1	.02244	.08530	.02898	23.932	1.9351	8.0688	.65706
#2	.02234	.08480	.02898	23.931	1.9214	8.0713	.65733

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00192	.44687	.03619	.01306	.00775	.00952	.00064
SDev	.00193	.01816	.00013	.00043	.00050	.00047	.00050
%RSD	100.10	4.0636	.36750	3.2815	6.4287	4.9907	77.938

#1	.00056	.43403	.03628	.01336	.00810	.00985	.00099
#2	.00329	.45971	.03609	.01276	.00740	.00918	.00029

Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00633	.00293	-.00051	3.0163	-.00155	.11916	.08526
SDev	.00403	.00041	.00095	.0011	.00183	.00017	.00014
%RSD	63.637	13.944	185.99	.03755	117.89	.14417	.16351

#1	-.00917	.00264	.00016	3.0155	-.00284	.11904	.08517
#2	-.00348	.00322	-.00118	3.0171	-.00026	.11928	.08536

Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.02877	-.00012
SDev	.00140	.00029
%RSD	4.8507	240.07

#1	.02778	.00008
#2	.02976	-.00033

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4213	--	--	--	--	--	--
SDev	.0531711	--	--	--	--	--	--
%RSD	.0012621	--	--	--	--	--	--
#1	4213	--	--	--	--	--	--
#2	4213	--	--	--	--	--	--

Method: TRACE2 Sample Name: AD839950 Operator: AH
 Run Time: 07/17/08 18:26:42
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	26.270	.01080	.01413	.30464	.00071	21.442	.00263
SDev	.021	.00085	.00014	.00040	.00001	.001	.00000
%RSD	.07857	7.8404	1.0057	.13039	1.2922	.00311	.09381
#1	26.284	.01020	.01423	.30492	.00070	21.442	.00263
#2	26.255	.01140	.01403	.30436	.00072	21.443	.00263
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	500.00	20.000	50.000	10.000	5.0000	1000.0	30.000
Low	-.04000	-.00500	-.00800	-.00300	-.00300	-.05000	-.00150
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01746	.08046	.17869	32.584	2.3131	13.648	.67032
SDev	.00003	.00046	.00000	.013	.0025	.026	.00057
%RSD	.14908	.57545	.00061	.03927	.10920	.19319	.08568
#1	.01748	.08013	.17869	32.575	2.3148	13.630	.66991
#2	.01744	.08079	.17869	32.593	2.3113	13.667	.67073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	40.000	20.000	25.000	750.00	400.00	1000.0	20.000
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00192	1.0081	.03138	.31129	.31583	.31432	.00139
SDev	.00015	.1014	.00001	.00110	.00111	.00037	.00009
%RSD	8.0007	10.054	.01512	.35423	.35050	.11809	6.7976
#1	.00181	1.0798	.03139	.31207	.31505	.31406	.00145
#2	.00203	.93645	.03138	.31051	.31661	.31458	.00132
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	10.000	400.00	25.000			80.000	40.000
Low	-.00500	-.50000	-.00300			-.00400	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.00074	.00171	2.3627	.00131	.09107	.66675
SDev	.00494	.00402	.00187	.0028	.00021	.00009	.00092
%RSD	965.21	543.85	109.43	.11853	15.922	.09315	.13845
#1	-.00298	.00359	.00039	2.3646	.00116	.09101	.66609
#2	.00400	-.00211	.00303	2.3607	.00146	.09113	.66740
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	50.000			10.000	40.000	50.000	10.000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.51511	.00428
SDev	.00297	.00022
%RSD	.57576	5.1481

#1	.51721	.00413
#2	.51302	.00444

Errors	LC Pass	LC Pass
High	5.0000	2.0000
Low	-.01000	-.00400

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4235	--	--	--	--	--	--
SDev	6.417132	--	--	--	--	--	--
%RSD	.1515346	--	--	--	--	--	--
#1	4230	--	--	--	--	--	--
#2	4239	--	--	--	--	--	--

Analysis Report

Blank Sample

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Method: TRACE2 Sample Name: CRI

Operator: AH

Run Time: 07/17/08 18:37:59

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.21351	.01063	.02145	.00220	.00207	.48205	.00112
SDev	.00370	.00005	.00047	.00003	.00003	.00146	.00018
%RSD	1.7338	.46279	2.1651	1.4761	1.3697	.30362	16.310
#1	.21613	.01067	.02178	.00223	.00209	.48308	.00099
#2	.21089	.01060	.02113	.00218	.00205	.48101	.00125
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.30000	.01500	.03000	.00300	.00300	.75000	.00150
Low	.10000	.00500	.01000	.00100	.00100	.25000	.00050
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00418	.00421	.00879	.05034	.47345	.19703	.00325
SDev	.00007	.00036	.00048	.00128	.00722	.00138	.00001
%RSD	1.7887	8.6078	5.4587	2.5384	1.5260	.69918	.44341
#1	.00423	.00447	.00913	.04944	.47856	.19800	.00326
#2	.00413	.00396	.00845	.05125	.46834	.19606	.00324
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00600	.00600	.01500	.07500	.75000	.30000	.00450
Low	.00200	.00200	.00500	.02500	.25000	.10000	.00150
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01047	1.1109	.00991	.00400	.00671	.00581	.01287
SDev	.00078	.0908	.00033	.00106	.00072	.00083	.00019
%RSD	7.4419	8.1735	3.2991	26.398	10.725	14.323	1.4863
#1	.00991	1.1751	.01014	.00326	.00620	.00522	.01300
#2	.01102	1.0467	.00967	.00475	.00722	.00640	.01273
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01500	1.5000	.01500			.00750	.02250
Low	.00500	.50000	.00500			.00250	.00750
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.01971	.01280	.01291	.00530	.02144	.00541	.01144
SDev	.00163	.00073	.00008	.00023	.00228	.00023	.00015
%RSD	8.2891	5.6768	.59148	4.3438	10.638	4.3073	1.3048
#1	.01856	.01331	.01285	.00547	.01983	.00558	.01155
#2	.02087	.01228	.01296	.00514	.02305	.00525	.01134
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.03000			.00750	.03000	.00750	.01500
Low	.01000			.00250	.01000	.00250	.00500
Elem	Sn1899	Ag3280					

Analysis Report

Blank Sample

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Units	ppm	ppm
Avge	.00802	.00299
SDev	.00034	.00075
%RSD	4.2474	25.154

#1	.00826	.00352
#2	.00777	.00246

Errors	LC Pass	LC Pass
High	.01500	.00450
Low	.00500	.00150

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4129	--	--	--	--	--	--
SDev	2.757647	--	--	--	--	--	--
%RSD	.0667816	--	--	--	--	--	--
#1	4127	--	--	--	--	--	--
#2	4131	--	--	--	--	--	--

Analysis Report

QC Standard

07/17/08 06:48:43 PM

page 1

Method: TRACE2 Sample Name: ICSA

Operator: AH

Run Time: 07/17/08 18:43:23

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	514.65	-.00244	.00146	.00103	.00096	493.77	-.00007
SDev	.43	.00328	.00021	.00003	.00000	.09	.00023
%RSD	.08274	134.49	14.147	2.7358	.14156	.01725	308.74

#1	514.34	-.00012	.00161	.00105	.00095	493.83	-.00024
#2	514.95	-.00476	.00131	.00101	.00096	493.71	.00009

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.00000	.00000	.00000	.00000	500.00	.00000
Range	100.00	.02000	.04000	.00400	.00400	100.00	.00300

Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00084	.00032	-.00001	191.78	.00466	504.43	.00184
SDev	.00067	.00025	.00051	.26	.00736	1.46	.00005
%RSD	80.179	77.007	8331.2	.13312	157.84	.28990	2.6921

#1	.00036	.00015	-.00037	191.96	.00986	505.47	.00188
#2	.00131	.00050	.00036	191.60	-.00054	503.40	.00181

Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000	.00000	.00000	200.00	.00000	500.00	.00000
Range	.00800	.00800	.02000	40.000	1.0000	100.00	.00600

Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00182	-.22089	.00055	-.00656	.00299	-.00019	-.01140
SDev	.00150	.10661	.00039	.00298	.00134	.00010	.00112
%RSD	82.574	48.265	70.189	45.499	44.759	53.208	9.7892

#1	.00288	-.14550	.00028	-.00445	.00204	-.00012	-.01061
#2	.00076	-.29627	.00082	-.00867	.00393	-.00026	-.01218

Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.00000	.00000	.00000			.00000	.00000
Range	.02000	2.0000	.02000			.01000	.03000

Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00247	-.00100	-.01659	.00154	-.00880	-.00008	-.00258
SDev	.00016	.00392	.00029	.00006	.00161	.00019	.00009
%RSD	6.3359	391.09	1.7277	3.9347	18.296	236.97	3.6237

#1	.00258	.00177	-.01679	.00150	-.00766	-.00022	-.00251
#2	.00236	-.00377	-.01639	.00158	-.00994	.00005	-.00264

Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.00000			.00000	.00000	.00000	.00000
Range	.04000			.01000	.04000	.01000	.02000

Elem	Sn1899	Ag3280
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Units	ppm	ppm
Avge	.00245	.00081
SDev	.00119	.00022
%RSD	48.697	26.675

#1	.00329	.00066
#2	.00160	.00096

Errors	QC Pass	QC Pass
Value	.00000	.00000
Range	.02000	.00600

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3850	--	--	--	--	--	--
SDev	3.394147	--	--	--	--	--	--
%RSD	.0881516	--	--	--	--	--	--
#1	3853	--	--	--	--	--	--
#2	3848	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE2 Sample Name: ICSAB

Operator: AH

Run Time: 07/17/08 18:48:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	515.94	.10154	.01556	.52914	.50355	493.97	.96315
SDev	3.55	.00252	.00003	.00366	.00312	2.58	.00151
%RSD	.68753	2.4868	.17839	.69266	.61946	.52246	.15707
#1	518.45	.09975	.01554	.53173	.50576	495.80	.96422
#2	513.44	.10333	.01558	.52655	.50135	492.15	.96208
Errors	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.00	.10000		.50000	.50000	500.00	1.0000
Range	100.00	.02000		.10000	.10000	100.00	.20000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.48083	.50647	.50873	97.022	.01380	498.31	.48281
SDev	.00118	.00072	.00365	.050	.00037	.50	.00077
%RSD	.24573	.14192	.71836	.05102	2.6993	.10126	.15938
#1	.48166	.50698	.51132	97.057	.01407	498.67	.48335
#2	.47999	.50597	.50615	96.987	.01354	497.96	.48227
Errors	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	QC Pass	QC Pass
Value	.50000	.50000	.50000	100.00		500.00	.50000
Range	.10000	.10000	.10000	20.000		100.00	.10000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00051	.04737	.93772	.04812	.05406	.05208	.04465
SDev	.00025	.07472	.00579	.00365	.00442	.00173	.00170
%RSD	48.871	157.73	.61772	7.5859	8.1714	3.3234	3.7991
#1	.00033	.10020	.94182	.04554	.05718	.05331	.04345
#2	.00068	-.00546	.93363	.05070	.05094	.05086	.04585
Errors	NOCHECK	NOCHECK	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value			1.0000			.05000	.05000
Range			.20000			.01000	.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.63837	.05074	.04160	.00295	.09054	.50169	.94794
SDev	.00401	.00447	.00031	.00026	.00316	.00021	.00175
%RSD	.62879	8.8104	.74300	8.7326	3.4881	.04288	.18431
#1	.63553	.04758	.04138	.00313	.09277	.50184	.94917
#2	.64121	.05390	.04182	.00277	.08830	.50154	.94670
Errors	QC Pass	NOCHECK	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass
Value	.60000				.10000	.50000	1.0000
Range	.12000				.02000	.10000	.20000
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00063	.21556
SDev	.00137	.00119
%RSD	217.32	.55105

#1	-.00034	.21640
#2	.00159	.21472

Errors	NOCHECK	QC Pass
Value		.20000
Range		.04000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	3861	--	--	--	--	--	--
SDev	11.56109	--	--	--	--	--	--
%RSD	.2994035	--	--	--	--	--	--
#1	3853	--	--	--	--	--	--
#2	3870	--	--	--	--	--	--

Analysis Report

QC Standard

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Method: TRACE2 Sample Name: CCV

Operator: AH

Run Time: 07/17/08 18:55:39

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	25.292	.50114	.49767	.51065	.50026	25.139	.49493
SDev	.022	.00413	.00026	.00067	.00007	.044	.00014
%RSD	.08709	.82517	.05268	.13094	.01379	.17475	.02854
#1	25.276	.49821	.49748	.51112	.50031	25.108	.49503
#2	25.307	.50406	.49785	.51017	.50021	25.170	.49483
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	25.000	.50000	.50000	.50000	.50000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49357	.51149	.49190	24.736	25.568	24.880	.50205
SDev	.00050	.00029	.00073	.014	.018	.045	.00003
%RSD	.10165	.05654	.14898	.05726	.07213	.18153	.00668
#1	.49322	.51169	.49138	24.746	25.581	24.848	.50207
#2	.49393	.51128	.49242	24.726	25.554	24.912	.50203
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000	.50000	.50000	25.000	25.000	25.000	.50000
Range	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.49752	25.334	.50198	.50287	.51329	.50982	.51525
SDev	.00109	.198	.00024	.00234	.00051	.00044	.00160
%RSD	.21946	.78143	.04742	.46495	.09884	.08634	.31106
#1	.49829	25.474	.50181	.50453	.51293	.51013	.51638
#2	.49675	25.194	.50215	.50122	.51365	.50951	.51412
Errors	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass
Value	.50000	25.000	.50000			.50000	.50000
Range	10.000	10.000	10.000			10.000	10.000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.50609	.51344	.51616	.51837	.50890	.50164	.50362
SDev	.00108	.00584	.00052	.00061	.00005	.00003	.00055
%RSD	.21270	1.1381	.10029	.11788	.00896	.00589	.10853
#1	.50532	.51758	.51579	.51880	.50893	.50166	.50323
#2	.50685	.50931	.51653	.51794	.50886	.50162	.50401
Errors	QC Pass	NOCHECK	NOCHECK	QC Pass	QC Pass	QC Pass	QC Pass
Value	.50000			.50000	.50000	.50000	.50000
Range	10.000			10.000	10.000	10.000	10.000
Elem	Sn1899	Ag3280					

Analysis Report

QC Standard

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Units	ppm	ppm
Avge	.49996	.48038
SDev	.00237	.00016
%RSD	.47386	.03288

#1	.50163	.48049
#2	.49828	.48026

Errors	QC Pass	QC Pass
Value	.50000	.50000
Range	10.000	10.000

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4100	--	--	--	--	--	--
SDev	3.075983	--	--	--	--	--	--
%RSD	.0750304	--	--	--	--	--	--
#1	4097	--	--	--	--	--	--
#2	4102	--	--	--	--	--	--

Analysis Report

Blank Sample

07/17/08 07:06:24 PM

page 1

Method: TRACE2 Sample Name: CCB

Operator: AH

Run Time: 07/17/08 19:01:03

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.02833	-.00296	.00006	.00011	.00014	.02356	.00008
SDev	.02547	.00101	.00101	.00015	.00014	.02805	.00014
%RSD	89.907	34.222	1615.2	140.08	100.25	119.06	179.26
#1	.01032	-.00368	-.00065	.00000	.00004	.00373	-.00002
#2	.04635	-.00225	.00078	.00021	.00024	.04340	.00018
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.20000	.01000	.02000	.00200	.00200	.50000	.00100
Low	-.04000	-.00500	-.00500	-.00300	-.00300	-.04000	-.00200
Elem	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00033	.00016	-.00101	.00843	-.00470	.01695	.00006
SDev	.00019	.00015	.00021	.01272	.01029	.02023	.00003
%RSD	58.665	99.498	21.049	150.85	218.83	119.35	43.364
#1	-.00046	.00005	-.00116	-.00056	-.01198	.00265	.00004
#2	-.00019	.00027	-.00086	.01742	.00257	.03126	.00007
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	.00400	.00400	.01000	.05000	.50000	.20000	.00300
Low	-.00300	-.00300	-.00400	-.04000	-.50000	-.04000	-.00300
Elem	Mo2020	Na3302	Ni2316	2203/1	2203/2	PB2203	SE1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	.00054	-.10056	-.00032	.00107	-.00006	.00032	-.00152
SDev	.00026	.13045	.00007	.00343	.00022	.00129	.00145
%RSD	48.695	129.73	22.722	321.19	377.03	409.02	95.386
#1	.00036	-.19280	-.00027	-.00136	-.00022	-.00060	-.00050
#2	.00073	-.00832	-.00037	.00349	.00010	.00123	-.00255
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass
High	.01000	1.0000	.01000			.00500	.01500
Low	-.00300	-.50000	-.00300			-.00300	-.01000
Elem	Sb2068	1960/1	1960/2	Ti3372	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avge	-.00101	.00274	-.00365	.00025	.00135	-.00004	.00005
SDev	.00209	.00798	.00181	.00031	.00362	.00012	.00014
%RSD	206.22	291.13	49.564	123.71	267.30	296.33	273.62
#1	-.00249	.00838	-.00493	.00003	-.00120	-.00012	.00015
#2	.00046	-.00290	-.00237	.00047	.00391	.00004	-.00005
Errors	LC Pass	NOCHECK	NOCHECK	LC Pass	LC Pass	LC Pass	LC Pass
High	.02000			.00500	.02000	.00500	.01000
Low	-.01000			-.00200	-.01000	-.00300	-.00300
Elem	Sn1899	Ag3280					

Units	ppm	ppm
Avge	.00021	.00001
SDev	.00167	.00015
%RSD	774.56	1710.0

#1	.00139	-.00010
#2	-.00096	.00011

Errors	LC Pass	LC Pass
High	.01000	.00300
Low	-.00500	-.00300

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	4122	--	--	--	--	--	--
SDev	11.61444	--	--	--	--	--	--
%RSD	.2817798	--	--	--	--	--	--
#1	4130	--	--	--	--	--	--
#2	4114	--	--	--	--	--	--

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
07/08/08	09:15	DAN	A08-7988	A8798801	A	FS	AD837782	A	TM	0.4856	50.00	BROWN	CLOUDY	TOPSOI
07/08/08	09:15	DAN	A08-7988	A8798802	A	FS	AD837783	A	TM	0.5320	50.00	BROWN	CLOUDY	TOPSOI
07/08/08	09:15	DAN	A08-7988	A8798803	A	FS	AD837784	A	TM	0.4860	50.00	BROWN	CLOUDY	SAND
07/08/08	09:15	DAN	A08-7988	A8798803MS	A	MS	AD837785	A	TM	0.4807	50.00	BROWN	CLOUDY	SAND
07/08/08	09:15	DAN	A08-7988	A8798803SD	A	SD	AD837786	A	TM	0.4939	50.00	BROWN	CLOUDY	SAND
07/08/08	09:15	DAN	A08-7988	A8798804	A	FS	AD837787	A	TM	0.5135	50.00	BROWN	CLOUDY	CLAY
07/08/08	09:15	DAN	A08-7988	A8798805	A	FS	AD837788	A	TM	0.4602	50.00	GRAY	CLOUDY	CLAY
07/08/08	09:15	DAN	A08-8002	A8800201	A	FS	AD837789	A	TM	0.5337	50.00	BROWN	CLOUDY	MUD
07/08/08	09:15	DAN	A08-8002	A8800202	A	FS	AD837790	A	TM	0.5119	50.00	BROWN	CLOUDY	MUD
07/08/08	09:15	DAN	A08-8002	A8800203	A	FS	AD837791	A	TM	0.4709	50.00	BROWN	CLOUDY	MUD
07/08/08	09:15	DAN	A08-8002	A8800204	A	FS	AD837792	A	TM	0.4930	50.00	BROWN	CLOUDY	SAND
07/08/08	09:15	DAN	A08-7692	A8769205	A	FS	AD837882	A	TM	0.5150	50.00	BROWN	CLOUDY	OIL
07/08/08	09:15	DAN		A8B1834501	A	CLPSL	AD837793	A	TM	0.5006	50.00	BROWN	CLOUDY	FINE
07/08/08	09:15	DAN		A8B1834502	A	MBLK	AD837794	A	TM	0.5000	50.00	WHITE	CLOUDY	FINE

Comments: EPPENDORF'S USED IN PARENTHESIS:

(MDL3) .250ml SN 1853714

QUALITY CONTROL ADDITIVES:

SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING

- A- 1 - W1 03-MDL-10 (MDL3) .50 ml PER 50ML FIN VOL
- 2 - W2 03-MDL-11 (MDL3) .50 ml PER 50ML FIN VOL
- 3 - Ag MSL0311 (MDL3) .50 ml PER 50ML FIN VOL
- 4 - Sn MSL0313 (MDL3) .50 ml PER 50ML FIN VOL

SOIL SPIKE 17-MDL-20 LOT# D055-540 .5 gr PER 50ML FIN VOL

SILICON (IV) OXIDE 99.995% 10-MDL-05 LOT# B25P03

CONC. NITRIC ACID = 04-MDL-21

CONC. HCL ACID = 4-MDL-3

Hydrogen Peroxide = ANALYSIS W/O Sn 02-MDL-02, Sn ANALYSIS 04-MDL-16

HOT BLOCK TEMPERATURE = 115/F

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 * Redigestion

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

Clarity: Clear
 Cloudy
 Opaque

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	V1	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
			SAMPLE TEMPERAUIRE	=	97									
			BATCH ENDED	=	07/08/2008									
			DIGESTIVE CUP LOT	=	A801LP001									
			2 micron FILTERMATE	=	M70425756									

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 * Redigestion

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

Clarity: Clear
 Cloudy
 Opaque

METALS DIGESTION LOG
 A8B18830 - 07/16/2008 MC/SW TOT 3005 (Closed)
 AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (mL)	Final (mL)	Color Before/After	Clarity Before/After	Textur
07/16/08	09:00	JA	A08-8374	A8837401	A	FS	AD839624	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8374	A8837402	A	FS	AD839625	A	TM	50.00	50.00	YELLOW	CLOUDY	NONE
07/16/08	09:00	JA	A08-8374	A8837403	A	FS	AD839626	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8374	A8837403MS	A	MS	AD839627	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8374	A8837403SD	A	SD	AD839628	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8374	A8837404	A	FS	AD839629	A	TM	50.00	50.00	YELLOW	CLFAR	NONE
07/16/08	09:00	JA	A08-8374	A8837405	A	TB	AD839630	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8388	A8838801	A	FS	AD839631	A	TM	50.00	50.00	COLORLES	CLOUDY	NONE
07/16/08	09:00	JA	A08-8388	A8838802	A	FS	AD839632	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8418	A8841801	A	FS	AD839633	A	TM	50.00	50.00	YELLOW	CLOUDY	NONE
07/16/08	09:00	JA	A08-8420	A8842001	A	FS	AD839634	A	TM	50.00	50.00	BROWN	CLOUDY	NONE
07/16/08	09:00	JA	A08-8421	A8842101	A	FS	AD839635	A	TM	50.00	50.00	BROWN	CLFAR	NONE
07/16/08	09:00	JA	A08-8421	A8842102	A	FS	AD839636	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8421	A8842104	A	FS	AD839637	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8421	A8842107	A	FS	AD839638	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8421	A8842107MD	A	MD	AD839639	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8421	A8842107MS	A	MS	AD839640	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8443	A8844301	A	FS	AD839641	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA	A08-8446	A8844601	A	FS	AD839642	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA		A8B1883001	A	LFB	AD839643	A	TM	50.00	50.00	COLORLES	CLFAR	NONE
07/16/08	09:00	JA		A8B1883002	A	MBLK	AD839644	A	TM	50.00	50.00	COLORLES	CLFAR	NONE

Comments: EPPENDORF'S USED IN PARENTHESIS:

(MDL3) .250ml SN 1853714

QUALITY CONTROL ADDITIVES:

SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING

A- 1 - W1 03-MDL-10 (MDL3) .25 ml PER 50ML FIN VOL

2 - W2 03-MDL-11 (MDL3) .25 ml PER 50ML FIN VOL

3 - Ag MSL0311 (MDL3) .25 ml PER 50ML FIN VOL

Color:	Black	Gray	Red	Yellow	Clarity:	Clear	Texture:	Fine (powdery)
	Blue	Green	Violet	Colorless		Cloudy		Medium (sand)
	Brown	Orange	White			Opaque		Coarse (large crystals or rocks)

* Redigestion

Date	Time	Dig Emp	Jobno	Sample ID	Bot Sample ID	Sample Type	Digest ID	VL	Analysis Type	Initial VL (mL)	Final (mL)	Color Before/After	Clarity Before/After	Textur
			4 - Sn	MSI0313	(MDL3)	.25 ml	PER 50ML	FIN	VOL					
			CONC. NITRIC ACID	=	6-MDL-6									
			CONC. HCl ACID	=	5-MDL-18									
			HOT BLOCK TEMPERATURE	=	E 123									
			SAMPLE TEMPERATURE	=	96									
			BATCH ENDED	=	07/16/2008									
			DIGESTIVE CUP LOT	=	A801LP001									

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 * Redigestion

Clarity: Clear
 Cloudy
 Opaque

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

Date	Time	Dig Exp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	V1	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
06/30/08	12:30	DAN	A08-7539	A8753901	A	FS	AD836676	A	TM	0.4543	50.00	BROWN	CLOUDY	MUD
06/30/08	12:30	DAN	A08-7582	A8758201	A	FS	AD836677	A	TM	0.4652	50.00	BLACK	CLOUDY	OIL
06/30/08	12:30	DAN	A08-7582	A8758201MD	A	MD	AD836678	A	TM	0.4603	50.00	BLACK	CLOUDY	OIL
06/30/08	12:30	DAN	A08-7582	A8758201MS	A	MS	AD836679	A	TM	0.4560	50.00	BLACK	CLOUDY	OIL
06/30/08	12:30	DAN	A08-7582	A8758202	A	FS	AD836680	A	TM	0.5226	50.00	BROWN	CLOUDY	OIL
06/30/08	12:30	DAN	A08-7582	A8758203	A	FS	AD836681	A	TM	0.4889	50.00	BROWN	CLOUDY	OIL
06/30/08	12:30	DAN	A08-7582	A8758204	A	FS	AD836682	A	TM	0.4837	50.00	BROWN	CLOUDY	OIL
06/30/08	12:30	DAN	A08-7582	A8758205	A	FS	AD836683	A	TM	0.4865	50.00	BROWN	CLOUDY	OIL
06/30/08	12:30	DAN	A08-7582	A8758206	A	FS	AD836684	A	TM	0.4986	50.00	BROWN	CLOUDY	OIL
06/30/08	12:30	DAN	A08-7582	A8758207	A	FS	AD836685	A	TM	0.4792	50.00	BLACK	CLOUDY	MIX2
06/30/08	12:30	DAN	A08-7582	A8758208	A	FS	AD836686	A	TM	0.4898	50.00	BLACK	CLOUDY	MIX2
06/30/08	12:30	DAN	A08-7595	A8759501	A	FS	AD836687	A	TM	0.4842	50.00	MIX	CLOUDY	CLAY
06/30/08	12:30	DAN	A08-7605	A8760501	A	FS	AD836688	A	TM	0.5473	50.00	GRAY	CLOUDY	COARSE
06/30/08	12:30	DAN	A08-7605	A8760502	A	FS	AD836689	A	TM	0.4857	50.00	BLACK	CLOUDY	SLUDGE
06/30/08	12:30	DAN	A08-7653	A8765301	A	FS	AD836690	A	TM	0.4518	50.00	BROWN	CLOUDY	MUD
06/30/08	12:30	DAN	A08-7653	A8765302	A	FS	AD836691	A	TM	0.4567	50.00	BROWN	CLOUDY	MUD
06/30/08	12:30	DAN	A08-7694	A8769407	A	FS	AD836692	A	TM	0.5215	50.00	BROWN	CLOUDY	TOPSOI
06/30/08	12:30	DAN	A08-7694	A8769408	A	FS	AD836693	A	TM	0.4619	50.00	BROWN	CLOUDY	TOPSOI
06/30/08	12:30	DAN		A8B1786601	A	CLPSL	AD836694	A	TM	0.5007	50.00	BROWN	CLOUDY	FINE
06/30/08	12:30	DAN		A8B1786602	A	MBLK	AD836695	A	TM	0.5000	50.00	WHITE	CLOUDY	FINE

Comments: EPPENDORF'S USED IN PARENTHESIS:

(MDL3) .250ml SN 1853714

QUALITY CONTROL ADDITIVES:

SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING

A- 1 - W1 03-MDL-10 (MDL3) .50 ml PER 50ML FIN VOL
 2 - W2 03-MDL-11 (MDL3) .50 ml PER 50ML FIN VOL
 3 - Ag MSL0311 (MDL3) .50 ml PER 50ML FIN VOL
 4 - Sn MSL0313 (MDL3) .50 ml PER 50ML FIN VOL

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 * Redigestion

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

Clarity: Clear
 Cloudy
 Opaque

Date	Time	Dig Exp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	V1	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
				SOIL SPIKE 17-MDL-20 LOT# D055-540			.5 gr PER 50ML FIN VOL							
				SILICON (IV) OXIDE 99.995% 10-MDL-05 LOT# B25P03										
				CONC. NITRIC ACID = 04-MDL-21										
				CONC. HCl ACID = 4-MDL-3										
				Hydrogen Peroxide = ANALYSIS W/O Sn 02-MDL-02, Sn ANALYSIS 04-MDL-16										
				HOT BLOCK TEMPERATURE = 115/F										
				SAMPLE TEMPERATURE = 96										
				BATCH ENDED = 06/30/2008										
				DIGESTIVE CUP LOT = A801LP001										
				2 micron FILTERMATE = M70425756										

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 * Redigestion

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (mL)	Color Before/After	Clarity Before/After	Textur
07/01/08	11:50	DAN	A08-7687	A8768701	A	FS	AD837065	A	TM	0.4817	50.00	BROWN YELLOW	CLR/FI CLOUDY	TOPSOI
07/01/08	11:50	DAN	A08-7687	A8768702	A	FS	AD837066	A	TM	0.4932	50.00	BROWN YELLOW	CLR/FI CLOUDY	TOPSOI
07/01/08	11:50	DAN	A08-7687	A8768702MS	A	MS	AD837067	A	TM	0.4885	50.00	BROWN YELLOW	CLR/FI CLOUDY	TOPSOI
07/01/08	11:50	DAN	A08-7687	A8768702SD	A	SD	AD837068	A	TM	0.5287	50.00	BROWN YELLOW	CLR/FI CLOUDY	TOPSOI
07/01/08	11:50	DAN	A08-7687	A8768703	A	FS	AD837069	A	TM	0.5073	50.00	BROWN YELLOW	CLR/FI CLOUDY	TOPSOI
07/01/08	11:50	DAN	A08-7687	A8768704	A	FS	AD837070	A	TM	0.4858	50.00	BROWN YELLOW	CLR/FI CLOUDY	TOPSOI
07/01/08	11:50	DAN	A08-7687	A8768705	A	FS	AD837071	A	TM	0.5007	50.00	BROWN YELLOW	CLR/FI CLOUDY	TOPSOI
07/01/08	11:50	DAN	A08-7687	A8768706	A	FS	AD837072	A	TM	0.4887	50.00	BROWN YELLOW	CLR/FI CLOUDY	TOPSOI
07/01/08	11:50	DAN	A08-7691	A8769101	A	FS	AD837073	A	TM	0.5158	50.00	BROWN YELLOW	CLR/FI CLOUDY	TOPSOI
07/01/08	11:50	DAN	A08-7691	A8769102	A	FS	AD837074	A	TM	0.4960	50.00	BROWN YELLOW	CLR/FI CLOUDY	MUD
07/01/08	11:50	DAN	A08-7760	A8776011	A	FS	AD837075	A	TM	0.4829	50.00	BROWN YELLOW	CLR/FI CLOUDY	MUD
07/01/08	11:50	DAN		A8B1806601	A	CLPSL	AD837076	A	TM	0.5010	50.00	BROWN YELLOW	CLR/FI CLOUDY	GRAVEL
07/01/08	11:50	DAN		A8B1806602	A	MBLK	AD837077	A	TM	0.5000	50.00	WHITE COLORLES	CLR/FI CLOUDY	FINE

Comments: EPPENDORF'S USED IN PARENTHESIS:

(MDL3) .250ml SN 1853714

QUALITY CONTROL ADDITIVES:

SPIKES ADDED / EPPENDORF (*) USED FOR SPIKING

- A- 1 - W1 03-MDL-10 (MDL3) .50 ml PER 50ML FIN VOL
- 2 - W2 03-MDL-11 (MDL3) .50 ml PER 50ML FIN VOL
- 3 - Ag MSL0311 (MDL3) .50 ml PER 50ML FIN VOL
- 4 - Sn MSL0313 (MDL3) .50 ml PER 50ML FIN VOL

SOIL SPIKE 17-MDL-20 LOT# D055-540 .5 gr PER 50ML FIN VOL

SILICON (IV) OXIDE 99.995% 10-MDL-05 LOT# B25P03

CONC. NITRIC ACID = 04-MDL-21

CONC. HCl ACID = 4-MDL-3

Hydrogen Peroxide = ANALYSIS W/O Sn 02-MDL-02, Sn ANALYSIS 04-MDL-16

HOT BLOCK TEMPERATURE = 115/F

SAMPLE TEMPERATURE = 95

Color:	Black	Gray	Red	Yellow	Texture:	Fine (powdery)
	Blue	Green	Violet	Colorless		Medium (sand)
	Brown	Orange	White			Coarse (large crystals or rocks)

* Redigestion

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	V1	Analysis Type	Initial Wgt (g)	Final (mL)	Color Before/After	Clarity Before/After	Textur

BATCH ENDED = 07/01/2008
 DIGESTIVE CUP LOT = A801LP001
 2 micron FILLERWATE = M70425756

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 * Redigestion

Clarity: Clear
 Cloudy
 Opaque

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
07/02/08	12:00	MM	A08-7691	A8769101	A	FS	AD837234	A	MERCURY	0.5822	50.00			
07/02/08	12:00	MM	A08-7691	A8769102	A	FS	AD837235	A	MERCURY	0.6105	50.00			
07/02/08	12:00	MM	A08-7723	A8772301	A	FS	AD837236	A	MERCURY	0.5921	50.00			
07/02/08	12:00	MM	A08-7727	A8772701	A	FS	AD837237	A	MERCURY	0.5705	50.00			
07/02/08	12:00	MM	A08-7760	A8776011	A	FS	AD837238	A	MERCURY	0.6238	50.00			
07/02/08	12:00	MM	A08-7760	A8776011MS	A	MS	AD837239	A	MERCURY	0.6436	50.00			
07/02/08	12:00	MM	A08-7760	A8776011SD	A	SD	AD837240	A	MERCURY	0.5907	50.00			
07/02/08	12:00	MM	A08-7778	A8748806	A	FS	AD837241	A	MERCURY	0.5912	50.00			
07/02/08	12:00	MM	A08-7778	A8748807	A	FS	AD837242	A	MERCURY	0.5890	50.00			
07/02/08	12:00	MM	A08-7822	A8782201	A	FS	AD837243	A	MERCURY	0.6045	50.00			
07/02/08	12:00	MM	A08-7822	A8782202	A	FS	AD837244	A	MERCURY	0.6125	50.00			
07/02/08	12:00	MM	A08-7835	A8783501	A	FS	AD837245	A	MERCURY	0.5885	50.00			
07/02/08	12:00	MM	A08-7835	A8783502	A	FS	AD837246	A	MERCURY	0.6020	50.00			
07/02/08	12:00	MM		A8B1813501	A	LCS	AD837247	A	MERCURY	0.0513	50.00			
07/02/08	12:00	MM		A8B1813502	A	MBLK	AD837248	A	MERCURY	0.6000	50.00			

Comments: EPPENDORFS USED TO ADD SPIKES:

05-12-08 HGL5 2.0mL; 05-12-08 HGL4 1.0mL; 05-12-08 HGL3 0.5mL
 EPPENDORFS USED TO DISPENSE SET VOLUMES:
 05-12-08 HGL1 0.1mL
 05-12-08 HGL2 0.2mL
 05-12-08 HGL3 0.5mL
 05-12-08 HGL4 1.0mL

MERCURY BATCH ADDITIONS:

- 1.) Hg LCS/MS/SD (W) 7-263-D
- 2.) Potassium Persulfate 7-202-R
- 3.) Potassium Permanganate 7-236-Q
- 4.) Stannous Chloride 7-246-U
- 5.) Hydroxylamine Hydrochloride 7-236-S

Color:	Black	Gray	Red	Yellow	Clarity:	Clear	Texture:	Fine (powdery)
	Blue	Green	Violet	Colorless		Cloudy		Medium (sand)
	Brown	Orange	White			Opaque		Coarse (large crystals or rocks)
	* Redigestion							

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
6.) Hg LCS (ERA Soil) Silicon(IV) Oxide 99.995% 16-HGL-16 Lot# B25P03 (Soil Only) Conc. Nitric Acid Mallinkrodt Lot# E12024 Conc. HCl Acid Mallinkrodt Lot# E42A12 Conc. Sulfuric Acid Mallinkrodt Lot# E47F06 Hot Block A Temp From Designated Cell: (97) °C Hot Block B Temp From Designated Cell: (98) °C Temp Criteria: 95(+ -) 3°C Digestion Cups: Environmental Express Lot# A801LP001														

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 * Redigestion

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

File Utility Help

RM↓ RN↑ ?

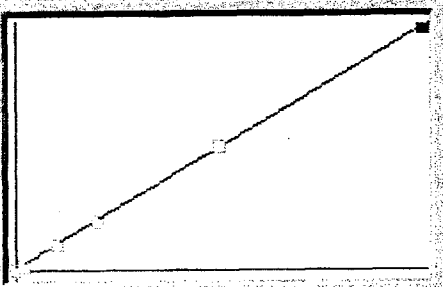
Protocol hgppb

Dataset/Proto G07028S1/hgppb

Protocol | Line Info | Cal Curve | Report | Ctrl Chart | Viewer

Reset
Calb Coeffs
New Cal
Update Coeffs
Spike Coeffs

Calibrated
 Accepted
Rel. Abs. 769305
Accepted
rho: 999860
Type: Linear
Include S6 Rep 1 2 3 4 5



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.045	-.045	988	2204	2048	2460	-1546
02	.20000	.163	-.037	16988	8.23%	18591	16356	16018
03	1.0000	1.02	.016	82605	1.4%	83896	82246	81673
04	2.0000	2.01	.014	159436	1.03%	161268	158949	158093
05	5.0000	5.12	.115	398150	0.24%	399185	397966	397297
06	10.000	9.94	-.063	769306	0.41%	766197	769188	772532

7-2-2008
L1 (M)
G-07028S1

7-263-K
-E
-F
-G
-H
-I

Ready

CAP NUM

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 2 Ck2ICV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	✓	95.0	2.85	3.00	ppb	.000		
Seq: 1 13:47:09 02 Jul 08 HG								
*** Check Standard: 1 Ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg	✓	-.058	.200	ppb	.000			
Seq: 2 13:48:26 02 Jul 08 HG								
*** Check Standard: 4 Ck4CRA								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	✓	70.0	.140	.200	ppb	.000		
Seq: 3 13:49:45 02 Jul 08 HG								
*** Check Standard: 3 Ck3CCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	✓	94.2	1.88	2.00	ppb	.000		
Seq: 4 13:51:01 02 Jul 08 HG								
*** Check Standard: 1 Ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg	✓	-.036	.200	ppb	.000			
Seq: 5 13:52:19 02 Jul 08 HG								
*** Sample ID: AD837234								
Hg		4.28	ppb	.000	4.28			
Seq: 6 13:53:45 02 Jul 08 HG								
*** Sample ID: AD837235								
Hg		36.9	ppb	.000	36.9			
Seq: 7 13:55:01 02 Jul 08 HG								
*** Sample ID: AD837236								
Hg		-.039	ppb	✓ .000	-.039			
Seq: 8 13:56:49 02 Jul 08 HG								
*** Sample ID: AD837237								
Hg		.187	ppb	.000	.187			
Seq: 9 13:58:03 02 Jul 08 HG								
*** Sample ID: AD837238								
Hg		.217	ppb	.000	.217			
Seq: 10 13:59:29 02 Jul 08 HG								
*** Sample ID: AD837238L								
Hg		-.011	ppb	.000	1:5 -.011			
Seq: 11 14:00:48 02 Jul 08 HG								
*** Sample ID: AD837239								
Hg		4.20	ppb	✓ .000	+4 PPB 4.20			
Seq: 12 14:02:05 02 Jul 08 HG								
*** Sample ID: AD837240								
Hg		4.01	ppb	✓ .000	+4 PPB 4.01			
Seq: 13 14:03:22 02 Jul 08 HG								

7-263-J

Handwritten vertical line with arrows pointing to lines 1, 2, 3, 4, and 5.

Rempl possible anyway
-OK house
7/2/08

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD837235								
					Seq: 28	14:25:13	02 Jul 08	HG
✓ Hg	4.38	ppb	.000	1:10	4.38			=
*** Sample ID: AD837236								
					Seq: 29	14:26:52	02 Jul 08	HG
Hg	-0.002	ppb	.000	STR	-0.002			=
*** Sample ID: AD837241								
					Seq: 30	14:28:08	02 Jul 08	HG
✓ Hg	3.99	ppb	.000	1:100	3.99			=
*** Sample ID: AD837242								
					Seq: 31	14:29:27	02 Jul 08	HG
✓ Hg	3.19	ppb	.000	1:10	3.19			=
*** Sample ID: AD837243								
					Seq: 32	14:30:43	02 Jul 08	HG
✓ Hg	3.15	ppb	.000	1:10	3.15			=
*** Sample ID: AD837246								
					Seq: 33	14:32:19	02 Jul 08	HG
✓ Hg	1.77	ppb	.000	1:10	1.77			=
*** Check Standard: 4 ck4CRA								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		72.1	✓ .144	.200	ppb	.000	14:33:39	02 Jul 08 HG
*** Check Standard: 3 ck3CCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		95.6	✓ 1.91	2.00	ppb	.000	14:35:06	02 Jul 08 HG
*** Check Standard: 1 ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.053	✓ .200	ppb	.000		14:36:25	02 Jul 08 HG

*original
7/2/08*

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	V1	Analysis Type	Initial V1 (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
7/16/08	13:00	MM	A08-8344	A8834401	A	FS	AD839766	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8344	A8834401MS	A	MS	AD839767	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8344	A8834401SD	A	SD	AD839768	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8344	A8834402	A	FS	AD839769	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8363	A8836301	A	FS	AD839770	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8363	A8836302	A	FS	AD839771	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8365	A8836501	A	FS	AD839772	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8374	A8837401	A	FS	AD839773	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8374	A8837402	A	FS	AD839774	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8374	A8837403	A	FS	AD839775	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8374	A8837403MS	A	MS	AD839776	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8374	A8837403SD	A	SD	AD839777	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8374	A8837404	A	FS	AD839778	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8374	A8837405	A	TB	AD839779	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8388	A8838801	A	FS	AD839780	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8388	A8838802	A	FS	AD839781	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8418	A8841801	A	FS	AD839782	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8420	A8842001	A	FS	AD839783	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8446	A8844601	A	FS	AD839784	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8465	A8846503	A	FS	AD839785	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8478	A8847802	A	FS	AD839786	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8478	A8847803	A	FS	AD839787	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8480	A8848020	A	FS	AD839788	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM	A08-8483	A8848301	A	FS	AD839789	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM		A8B1889801	A	ICS	AD839790	A	MERCURY	30.00	50.00			
7/16/08	13:00	MM		A8B1889802	A	MBLK	AD839791	A	MERCURY	30.00	50.00			

Comments: EPPENDORFS USED TO ADD SPIKES:

05-12-08 HGL5 2.0mL; 05-12-08 HGL4 1.0mL; 05-12-08 HGL3 0.5mL

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 Redigestion

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur
------	------	---------	-------	-----------	--------	-------------	-----------	----	---------------	-----------------	------------	--------------------	----------------------	--------

EPENDORFS USED TO DISPENSE SET VOLUMES:

05-12-08 HGL1 0.1mL
 05-12-08 HGL2 0.2mL
 05-12-08 HGL3 0.5mL
 05-12-08 HGL4 1.0mL

MERCURY BATCH ADDITIONS:

1.) Hg LCS/MS/SD (W) 7-281-D
 2.) Potassium Persulfate 7-246-R
 3.) Potassium Permanganate 7-236-Q
 4.) Stannous Chloride 7-246-U
 5.) Hydroxylamine Hydrochloride 7-236-S
 6.) Hg LCS (ERA Soil) 12-HgL-22
 Silicon(IV) Oxide 99.995% 16-HGL-16 Lot# B25P03 (Soil Only)
 Conc. Nitric Acid Mallinkrodt Lot# E12024
 Conc. HCl Acid Mallinkrodt Lot# E42A12
 Conc. Sulfuric Acid Mallinkrodt Lot# E47F06
 Hot Block A Temp From Designated Cell: (94) °C
 Hot Block B Temp From Designated Cell: (96) °C
 Temp Criteria: 95(+)-3 °C

Digestion Cups: Environmental Express Lot# A801LP001

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 Redigestion

Clarity: Clear
 Cloudy
 Opaque

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

File Utility Help

RND RNU ?

Protocol hgppb

Dataset/Proto G0716801/hgppb

7-16-08

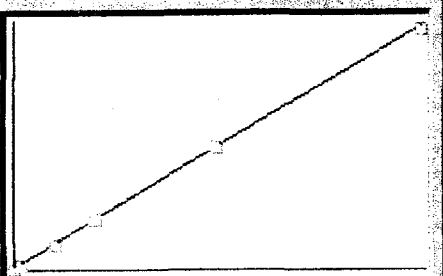
L1 (mm)

G0716801

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset
Coeff Coeffs
New Cal
Update Coeffs
Spike Coeffs

Calibrated
 Accepted
Rel. Abs. 805715
Accepted
Accept
New
rho .999891
Type Linear
Include S7 Rep 1 2 3 4 5



Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.049	-.049	2052	1741	1621	565	3967
02	.20000	.140	-.060	17186	3.2%	16738	17799	17019
03	1.0000	1.03	.032	88889	2.83%	91699	88130	86838
04	2.0000	2.07	.067	171991	0.16%	172122	171680	172172
05	5.0000	5.05	.054	411899	0.44%	409823	412741	413132
06	10.000	9.96	-.044	805716	0.19%	807407	805166	804574

7-281-K
↓
H-H-T-M

Ready

CAP NUM

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 2 Ck2ICV Seq: 1 17:17:23 16 Jul 08 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102. ✓	3.06	3.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB Seq: 2 17:19:11 16 Jul 08 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.039 ✓	.200	ppb	.000			
*** Check Standard: 4 Ck4CRA Seq: 3 17:20:41 16 Jul 08 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		66.1 ✓	.132	.200	ppb	.000		
*** Check Standard: 3 Ck3CCV Seq: 4 17:22:01 16 Jul 08 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		98.6 ✓	1.97	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB Seq: 5 17:23:41 16 Jul 08 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.039 ✓	.200	ppb	.000			
*** Sample ID: AD839766 Seq: 6 17:25:22 16 Jul 08 HG								
Hg		-.068	ppb	.000		-.068		
*** Sample ID: AD839766L Seq: 7 17:26:39 16 Jul 08 HG								
Hg		-.044	ppb	.000 ^{1:5}		-.044		
*** Sample ID: AD839767 Seq: 8 17:28:48 16 Jul 08 HG								
Hg		3.62	ppb	.000 ^{+4 PPB}		3.62		
*** Sample ID: AD839768 Seq: 9 17:30:27 16 Jul 08 HG								
Hg		3.77	ppb	.000 ^{+4 PPB}		3.77		
*** Sample ID: AD839769 Seq: 10 17:32:17 16 Jul 08 HG								
Hg		-.127	ppb	.000		-.127		
*** Sample ID: AD839770 Seq: 11 17:33:37 16 Jul 08 HG								
Hg		-.094	ppb	.000		-.094		
*** Sample ID: AD839771 Seq: 12 17:35:15 16 Jul 08 HG								
Hg		-.068	ppb	.000		-.068		
*** Sample ID: AD839772 Seq: 13 17:36:32 16 Jul 08 HG								
Hg		-.021	ppb	.000		-.021		

7-28-5

↓

K

L

M

X

Folder: G07168W1
 Protocol: hgppb
 POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD839773								
				Seq: 14	17:38:25	16 Jul 08	HG	
Hg	-.120	ppb	.000	-.120				=
*** Sample ID: AD839774								
				Seq: 15	17:40:02	16 Jul 08	HG	
Hg	-.013	ppb	.000	-.013				=
*** Check Standard: 3 ck3CCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102.	2.04	2.00	ppb	.000		=
*** Check Standard: 1 ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.073	.200	ppb	.000			=
*** Sample ID: AD839775								
				Seq: 18	17:44:36	16 Jul 08	HG	
Hg	-.096	ppb	.000	-.096				=
*** Sample ID: AD839775L								
				Seq: 19	17:45:53	16 Jul 08	HG	
Hg	-.076	ppb	.000	1:5	-.076			=
*** Sample ID: AD839776								
				Seq: 20	17:47:15	16 Jul 08	HG	
Hg	3.72	ppb	.000	+4 PPB	3.72			=
*** Sample ID: AD839777								
				Seq: 21	17:48:32	16 Jul 08	HG	
Hg	3.81	ppb	.000	+4 PPB	3.81			=
*** Sample ID: AD839778								
				Seq: 22	17:49:59	16 Jul 08	HG	
Hg	-.073	ppb	.000	-.073				=
*** Sample ID: AD839779								
				Seq: 23	17:51:21	16 Jul 08	HG	
Hg	-.030	ppb	.000	-.030				=
*** Sample ID: AD839780								
				Seq: 24	17:52:49	16 Jul 08	HG	
Hg	-.021	ppb	.000	-.021				=
*** Sample ID: AD839781								
				Seq: 25	17:54:42	16 Jul 08	HG	
Hg	-.085	ppb	.000	-.085				=
*** Sample ID: AD839782								
				Seq: 26	17:56:01	16 Jul 08	HG	
Hg	-.032	ppb	.000	-.032				=

Folder: G07168W1
 Protocol: hgppb
 POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD839783								
				Seq: 27	17:57:33	16 Jul 08	HG	
Hg	-0.048	ppb	.000					
*** Check Standard: 3 Ck3CCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		103. ✓	2.06	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-0.070	.200	ppb	.000			
*** Sample ID: AD839784								
				Seq: 30	18:02:27	16 Jul 08	HG	
Hg	-0.007	ppb	.000					
*** Sample ID: AD839785								
				Seq: 31	18:03:48	16 Jul 08	HG	
Hg	-0.096	ppb	.000					
*** Sample ID: AD839786								
				Seq: 32	18:05:16	16 Jul 08	HG	
Hg	-0.071	ppb	.000					
*** Sample ID: AD839787								
				Seq: 33	18:06:46	16 Jul 08	HG	
Hg	-0.081	ppb	.000					
*** Sample ID: AD839788								
				Seq: 34	18:09:03	16 Jul 08	HG	
Hg	-0.090	ppb	.000					
*** Sample ID: AD839789								
				Seq: 35	18:10:21	16 Jul 08	HG	
Hg	.071	ppb	.000					
*** Sample ID: AD839790								
				Seq: 36	18:11:41	16 Jul 08	HG	
SPIKED								
Hg	1.88	ppb ✓	.000	1.88				
*** %Rec. ID: AD839790								
				Seq: 37	18:11:41	16 Jul 08	HG	
Spikes =1 Unspiked =0								
Hg	Spike	%Rcv. ✓	Avg(U)	SD(U)	Avg(S)	SD(S)		
	2.00	93.9	.000	.000	1.88	.000		
*** Sample ID: AD839791								
				Seq: 38	18:13:10	16 Jul 08	HG	
Hg	-0.162	ppb ✓	.000					
*** Check Standard: 4 Ck4CRA								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		83.9 ✓	.168	.200	ppb	.000		

Folder: G07168w1
 Protocol: hgppb
 POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	

***	Check Standard:	3	ck3CCV	Seq:	40	18:17:05	16 Jul 08	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		103.	✓ 2.05	2.00	ppb	.000			=
***	Check Standard:	1	ck1ICB/CCB	Seq:	41	18:19:34	16 Jul 08	HG	
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.023	✓ .200	ppb	.000				=

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (mL)	Color Before/After	Clarity Before/After	Textur
07/08/08	11:00	MM	A08-7692	A8769205	A	FS	AD837901	A	MERCURY	0.6159	50.00			OIL
07/08/08	11:00	MM	A08-7940	A8794001	A	FS	AD837902	A	MERCURY	0.5985	50.00			
07/08/08	11:00	MM	A08-7940	A8794001MS	A	MS	AD837903	A	MERCURY	0.6148	50.00			
07/08/08	11:00	MM	A08-7940	A8794001SD	A	SD	AD837904	A	MERCURY	0.6029	50.00			
07/08/08	11:00	MM	A08-7940	A8794002	A	FS	AD837905	A	MERCURY	0.6108	50.00			
07/08/08	11:00	MM	A08-7940	A8794003	A	FS	AD837906	A	MERCURY	0.5745	50.00			
07/08/08	11:00	MM	A08-7940	A8794004	A	FS	AD837907	A	MERCURY	0.5880	50.00			
07/08/08	11:00	MM	A08-7955	A8795501	A	FS	AD837908	A	MERCURY	0.6093	50.00			
07/08/08	11:00	MM	A08-7988	A8798801	A	FS	AD837909	A	MERCURY	0.6471	50.00			
07/08/08	11:00	MM	A08-7988	A8798802	A	FS	AD837910	A	MERCURY	0.6251	50.00			
07/08/08	11:00	MM	A08-7988	A8798803	A	FS	AD837911	A	MERCURY	0.6222	50.00			SLUDGE
07/08/08	11:00	MM	A08-7988	A8798803MS	A	MS	AD837912	A	MERCURY	0.5868	50.00			
07/08/08	11:00	MM	A08-7988	A8798803SD	A	SD	AD837913	A	MERCURY	0.5994	50.00			
07/08/08	11:00	MM	A08-7988	A8798804	A	FS	AD837914	A	MERCURY	0.5953	50.00			
07/08/08	11:00	MM	A08-7988	A8798805	A	FS	AD837915	A	MERCURY	0.6362	50.00			
07/08/08	11:00	MM		A8B1838601	A	LCS	AD837916	A	MERCURY	0.0520	50.00			
07/08/08	11:00	MM		A8B1838602	A	MELK	AD837917	A	MERCURY	0.6000	50.00			

Comments: EPENDORFS USED TO ADD SPIKES:

05-12-08 HGL5 2.0mL; 05-12-08 HGL4 1.0mL; 05-12-08 HGL3 0.5mL

EPENDORFS USED TO DISPENSE SET VOLUMES:

05-12-08 HGL1 0.1mL
 05-12-08 HGL2 0.2mL
 05-12-08 HGL3 0.5mL
 05-12-08 HGL4 1.0mL
 05-12-08 HGL5 2.0mL
 05-12-08 HGL6 2.5mL
 05-12-08 HGL7 5.0mL

MERCURY BATCH ADDITIONS:

- 1.) Hg LCS/MS/SD (W) 7-269-D
- 2.) Potassium Persulfate 7-246-R
- 3.) Potassium Permanganate 7-236-Q

Color:	Black	Gray	Red	Yellow	Texture:	Fine (powdery)
	Blue	Green	Violet	Colorless		Medium (sand)
	Brown	Orange	White			Coarse (large crystals or rocks)
* Redigestion						

Date	Time	Dig Emp	Jobno	Sample ID	Bot Sample ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
			4.) Stannous Chloride				7-246-U							
			5.) Hydroxylamine Hydrochloride				7-236-S							
			6.) Hg LCS (ERA Soil)				12-HgI-22							
			Silicon(IV) Oxide 99.995% 16-HGL-16				Lot# B25P03							
			Conc. Nitric Acid				Mallinkrodt Lot# E12024							
			Conc. HCl Acid				Mallinkrodt Lot# E42A12							
			Conc. Sulfuric Acid				Mallinkrodt Lot# E47F06							
			Hot Block A Temp From Designated Cell:				(95) °C							
			Hot Block B Temp From Designated Cell:				(98) °C							
			Temp Criteria: 95 (+-)3°C											
			Digestion Cups: Environmental Express Lot# A801LP001											

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 * Redigestion

Clarity: Clear Cloudy Opaque

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

7-8-2008
L1 km
G07088S1

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

Calibrated

Accepted

Rel. Abs. 996082

Accepted

Accept

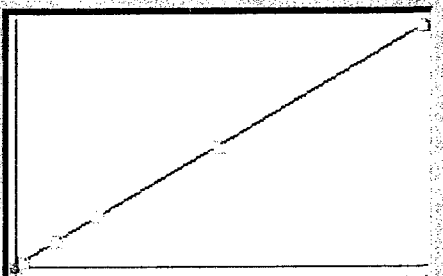
New

rho 999965

Type Linear

Include S1 Rep 1 2 3 4 5

Conc. 10.0



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.0000	-.026	-.026	2614	2857	5401	-309	2747
02	.2000	.168	-.032	21882	7.2%	23636	20586	21421
03	1.0000	1.02	.021	106406	3.27%	104510	104292	110419
04	2.0000	2.05	.055	208960	0.52%	210186	208592	208103
05	5.0000	4.99	-.010	499978	0.47%	498151	502658	499125
06	10.000	9.99	-.008	996083	0.19%	998298	994948	995002

7-269-K
E
F
G
H
I

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check standard: 2 Ck2ICV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		104. ✓	3.13	3.00	ppb	.000		
Seq:					1	13:21:18	08 Jul 08	HG
*** Check standard: 1 Ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.056 ✓	.200	ppb	.000			
Seq:					2	13:22:46	08 Jul 08	HG
*** Check standard: 4 Ck4CRA								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		90.5 ✓	.181	.200	ppb	.000		
Seq:					3	13:25:32	08 Jul 08	HG
*** Check standard: 3 Ck3CCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		106. ✓	2.11	2.00	ppb	.000		
Seq:					4	13:27:09	08 Jul 08	HG
*** Check standard: 1 Ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.028 ✓	.200	ppb	.000			
Seq:					5	13:28:35	08 Jul 08	HG
*** Sample ID: AD837901								
Hg		-.075	ppb	.000		-.075		
Seq:					6	13:29:53	08 Jul 08	HG
*** Sample ID: AD837902								
Hg		3.09	ppb	✓ .000		3.09		=
Seq:					7	13:31:08	08 Jul 08	HG
*** Sample ID: AD837902L								
Hg		.612	ppb	✓ .000		.612		=
Seq:					8	13:32:53	08 Jul 08	HG
*** Sample ID: AD837903								
Hg		7.04	ppb	✓ .000		7.04		=
Seq:					9	13:34:09	08 Jul 08	HG
*** Sample ID: AD837904								
Hg		7.01	ppb	✓ .000		7.01		=
Seq:					10	13:35:27	08 Jul 08	HG
*** Sample ID: AD837905								
Hg		5.53	ppb	.000		5.53		=
Seq:					11	13:36:44	08 Jul 08	HG
*** Sample ID: AD837906								
Hg		4.63	ppb	.000		4.63		=
Seq:					12	13:38:00	08 Jul 08	HG
*** Sample ID: AD837907								
Hg		1.20	ppb	.000		1.20		=
Seq:					13	13:39:17	08 Jul 08	HG

7-269-J

↓
 -K
 -L
 -M
 -K

Folder: G07088S1
 Protocol: hgppb
 POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD837908								
				Seq: 14	13:40:45	08 Jul 08	HG	
Hg	.229	ppb	.000	.229				=
*** Sample ID: AD837909								
				Seq: 15	13:42:02	08 Jul 08	HG	
Hg	6.37	ppb	.000	6.37				=
*** Check standard: 3 ck3CCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		106.	✓ 2.12	2.00	ppb	.000		=
*** Check standard: 1 ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.077	✓ .200	ppb	.000			=
*** Sample ID: AD837910								
				Seq: 18	13:46:21	08 Jul 08	HG	
Hg	6.85	ppb	.000	6.85				=
*** Sample ID: AD837911								
				Seq: 19	13:47:47	08 Jul 08	HG	
Hg	3.01	ppb	.000	3.01				=
*** Sample ID: AD837911L								
				Seq: 20	13:49:15	08 Jul 08	HG	
Hg	.557	ppb	.000	1:5 .557				=
*** Sample ID: AD837912								
				Seq: 21	13:50:51	08 Jul 08	HG	
Hg	7.05	ppb	✓ .000	+4 PPB 7.05				=
*** Sample ID: AD837913								
				Seq: 22	13:52:09	08 Jul 08	HG	
Hg	6.20	ppb	✓ .000	+4 PPB 6.20				=
*** Sample ID: AD837914								
				Seq: 23	13:53:30	08 Jul 08	HG	
Hg	.349	ppb	.000	.349				=
*** Sample ID: AD837915								
				Seq: 24	13:55:17	08 Jul 08	HG	
Hg	.118	ppb	.000	.118				=
*** Sample ID: AD837916								
				Seq: 25	13:56:33	08 Jul 08	HG	
Hg	3.78	ppb	✓ .000	3.78				=
*** %Rec. ID: AD837916								
				Seq: 26	13:56:33	08 Jul 08	HG	
Hg	Spike	ppb	✓	Spikes =1 %Rcv. 94.4	Unspiked =0 Avg(U) .000	SD(U) .000	Avg(S) 3.78 SD(S) .000	=

Folder: G07088S1
 Protocol: hgppb
 POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD837917								
				Seq: 27	13:58:19	08 Jul 08	HG	
Hg	-.039	ppb ✓	.000		-.039			=
*** Check Standard: 4 Ck4CRA								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		93.7 ✓	.187	.200	ppb	.000		=
*** Check Standard: 3 Ck3CCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		105. ✓	2.11	2.00	ppb	.000		=
*** Check Standard: 1 Ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.058 ✓	.200	ppb	.000			=

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
5/30/08	08:30	JA	A08-7582	A8758201	A	FS	AD836318	A	MERCURY	0.5507	50.00			
5/30/08	08:30	JA	A08-7582	A8758201MD	A	MD	AD836319	A	MERCURY	0.5520	50.00			
5/30/08	08:30	JA	A08-7582	A8758201MS	A	MS	AD836320	A	MERCURY	0.5697	50.00			
5/30/08	08:30	JA	A08-7582	A8758202	A	FS	AD836321	A	MERCURY	0.5790	50.00			
5/30/08	08:30	JA	A08-7582	A8758203	A	FS	AD836322	A	MERCURY	0.5775	50.00			
5/30/08	08:30	JA	A08-7582	A8758204	A	FS	AD836323	A	MERCURY	0.5723	50.00			
5/30/08	08:30	JA	A08-7582	A8758205	A	FS	AD836324	A	MERCURY	0.5704	50.00			
5/30/08	08:30	JA	A08-7582	A8758206	A	FS	AD836325	A	MERCURY	0.5638	50.00			
5/30/08	08:30	JA	A08-7582	A8758207	A	FS	AD836326	A	MERCURY	0.5760	50.00			
5/30/08	08:30	JA	A08-7582	A8758208	A	FS	AD836327	A	MERCURY	0.6251	50.00			
5/30/08	08:30	JA	A08-7595	A8759501	A	FS	AD836328	A	MERCURY	0.5840	50.00			
5/30/08	08:30	JA	A08-7683	A8768301	A	FS	AD836329	A	MERCURY	0.6005	50.00			
5/30/08	08:30	JA	A08-7683	A8768302	A	FS	AD836330	A	MERCURY	0.5809	50.00			
5/30/08	08:30	JA	A08-7683	A8768303	A	FS	AD836331	A	MERCURY	0.5623	50.00			
5/30/08	08:30	JA	A08-7683	A8768304	A	FS	AD836332	A	MERCURY	0.5914	50.00			
5/30/08	08:30	JA	A08-7683	A8768305	A	FS	AD836333	A	MERCURY	0.6494	50.00			
5/30/08	08:30	JA	A08-7687	A8768701	A	FS	AD836334	A	MERCURY	0.5605	50.00			
5/30/08	08:30	JA	A08-7687	A8768702	A	FS	AD836335	A	MERCURY	0.5614	50.00			
5/30/08	08:30	JA	A08-7687	A8768702MS	A	MS	AD836336	A	MERCURY	0.5711	50.00			
5/30/08	08:30	JA	A08-7687	A8768702SD	A	SD	AD836337	A	MERCURY	0.5659	50.00			
5/30/08	08:30	JA	A08-7687	A8768703	A	FS	AD836338	A	MERCURY	0.6010	50.00			
5/30/08	08:30	JA	A08-7687	A8768704	A	FS	AD836339	A	MERCURY	0.5697	50.00			
5/30/08	08:30	JA	A08-7687	A8768705	A	FS	AD836340	A	MERCURY	0.5695	50.00			
5/30/08	08:30	JA	A08-7687	A8768706	A	FS	AD836341	A	MERCURY	0.5723	50.00			
5/30/08	08:30	JA		A8B1794201	A	LCS	AD836342	A	MERCURY	0.0520	50.00			
5/30/08	08:30	JA		A8B1794202	A	MBLK	AD836343	A	MERCURY	0.6000	50.00			

Comments: EPPENDORFS USED TO ADD SPIKES:

05-12-08 HGL5 2.0mL; 05-12-08 HGL4 1.0mL; 05-12-08 HGL3 0.5mL

Color: Black Gray Red Yellow
 Blue Green Violet Colorless
 Brown Orange White
 Redigestion

Clarity: Clear
 Cloudy
 Opaque

Texture: Fine (powdery)
 Medium (sand)
 Coarse (large crystals or rocks)

METALS DIGESTION LOG
A8B17942 - 06/30/2008 SW8463 SOIL HG S1 (Closed)
SOLIDS

America Lab
: 06/30/2008
: 10:12:43

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	V1	Analysis Type	Initial Wgt (g)	Final (ml)	Color Before/After	Clarity Before/After	Textur
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APPENDORFS USED TO DISPENSE SET VOLUMES:

- 05-12-08 HGL1 0.1mL
- 05-12-08 HGL2 0.2mL
- 05-12-08 HGL3 0.5mL
- 05-12-08 HGL4 1.0mL
- 05-12-08 HGL5 2.0mL
- 05-12-08 HGL6 2.5mL
- 05-12-08 HGL7 5.0mL

MERCURY BATCH ADDITIONS:

- 1.) Hg LCS/MS/SD (W) 7-259-D
- 2.) Potassium Persulfate 7-202-R
- 3.) Potassium Permanganate 7-236-Q
- 4.) Stannous Chloride 7-246-U
- 5.) Hydroxylamine Hydrochloride 7-236-S
- 6.) Hg LCS (ERA Soil) 12-HgI-22
- Silicon(IV) Oxide 99.995% 16-HGL-16 Lot# B25P03 (Soil Only)
- Conc. Nitric Acid Mallinkrodt Lot# E12024
- Conc. HCl Acid Mallinkrodt Lot# E42A12
- Conc. Sulfuric Acid Mallinkrodt Lot# E47F06
- Hot Block A Temp From Designated Cell: (96) °C
- Hot Block B Temp From Designated Cell: (96) °C
- Temp Criteria: 95 (+-) 3°C
- Digestion Cups: Environmental Express Lot# A801LP001

Color: Black Gray Green Orange Brown
 Blue Green Orange Brown
 Red Violet White
 Yellow Colorless
 Clarity: Clear Cloudy Opaque
 Texture: Fine Medium Coarse
 (powdery) (sand) (large crystals or rocks)

* Redigestion



Protocol hgppb

Dataset/Proto H0630891/hgppb

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calb Coeffs

New Cal

Update Coeffs

Spike Coeffs

Calibrated

Accepted

Rel. Abs. 703945

Accepted

Accept

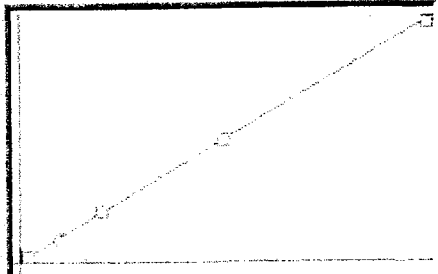
New

rho .999956

Type Linear

Include S1 Rep 1 2 3 4 5

Conc. 10.0



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.0000	-.051	-.051	.550	5393	4248	6387	492
02	.2000	.209	.009	17683	13.78%	20136	17650	15264
03	1.0000	.988	-.012	72401	1.11%	73326	71978	71898
04	2.0000	2.05	.051	147106	1.33%	149186	145296	146835
05	5.0000	5.03	.027	356167	0.87%	358678	352726	357099
06	10.000	9.98	-.023	703945	0.56%	708431	701095	702310

L2C47H
 630-08
 7-259-10
 F
 F
 F
 F
 F
 F

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
7-259-J *** Check Standard: 2 Ck2ICV Seq: 1 10:24:02 30 Jun 08 HG									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		101.	3.04	3.00	ppb	.000			=
K *** Check Standard: 1 Ck1ICB/CCB Seq: 2 10:25:18 30 Jun 08 HG									
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.029	.200	ppb	.000				=
L *** Check Standard: 4 Ck4CRA Seq: 3 10:26:43 30 Jun 08 HG									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		81.3	.163	.200	ppb	.000			=
M *** Check Standard: 3 Ck3CCV Seq: 4 10:28:15 30 Jun 08 HG									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		101.	2.01	2.00	ppb	.000			=
K *** Check Standard: 1 Ck1ICB/CCB Seq: 5 10:29:41 30 Jun 08 HG									
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.062	.200	ppb	.000				=
*** Sample ID: AD836292 Seq: 6 10:30:59 30 Jun 08 HG									
Hg	22.1	ppb	.000	22.1					=
*** Sample ID: AD836293 Seq: 7 10:32:18 30 Jun 08 HG									
Hg	5.11	ppb	.000	5.11					=
*** Sample ID: AD836294 Seq: 8 10:33:35 30 Jun 08 HG									
Hg	1.09	ppb	.000	1.09					=
*** Sample ID: AD836294L Seq: 9 10:34:59 30 Jun 08 HG									
Hg	.273	ppb	.000	.273					=
1:5									
*** Sample ID: AD836295 Seq: 10 10:36:19 30 Jun 08 HG									
Hg	4.35	ppb	.000	4.35					=
+4 PPB									
*** Sample ID: AD836296 Seq: 11 10:37:36 30 Jun 08 HG									
Hg	4.31	ppb	.000	4.31					=
+4 PPB									
*** Sample ID: AD836297 Seq: 12 10:39:02 30 Jun 08 HG									
Hg	2.64	ppb	.000	2.64					=
*** Sample ID: AD836298 Seq: 13 10:40:19 30 Jun 08 HG									
Hg	.383	ppb	.000	.383					=

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 Protocol: hgppb
 POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD836299								
				Seq: 14	10:41:34	30	Jun 08	HG
Hg	.410	ppb	.000	.410				=
*** Sample ID: AD836300								
				Seq: 15	10:42:55	30	Jun 08	HG
Hg	.327	ppb	.000	.327				=
*** Check Standard: 3 Ck3CCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		106.	2.12	2.00	ppb	.000		=
*** Check Standard: 1 Ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.137	.200	ppb	.000			=
*** Sample ID: AD836301								
				Seq: 18	10:47:08	30	Jun 08	HG
Hg	.321	ppb	.000	.321				=
*** Sample ID: AD836302								
				Seq: 19	10:48:33	30	Jun 08	HG
Hg	.398	ppb	.000	.398				=
*** Sample ID: AD836303								
				Seq: 20	10:49:49	30	Jun 08	HG
Hg	.398	ppb	.000	.398				=
*** Sample ID: AD836304								
				Seq: 21	10:51:05	30	Jun 08	HG
Hg	.655	ppb	.000	.655				=
*** Sample ID: AD836305								
				Seq: 22	10:52:34	30	Jun 08	HG
Hg	.523	ppb	.000	.523				=
*** Sample ID: AD836306								
				Seq: 23	10:53:51	30	Jun 08	HG
Hg	35.3	ppb	.000	35.3				=
*** Sample ID: AD836307								
				Seq: 24	10:55:09	30	Jun 08	HG
Hg	.166	ppb	.000	.166				=
*** Sample ID: AD836308								
				Seq: 25	10:56:24	30	Jun 08	HG
Hg	.539	ppb	.000	.539				=
*** Sample ID: AD836309								
				Seq: 26	10:57:45	30	Jun 08	HG
Hg	1.09	ppb	.000	1.09				=

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POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD836310								
				Seq: 27	10:59:02	30	Jun 08	HG
Hg	.784	ppb	.000	.784				=
*** Check Standard: 3 Ck3CCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102.	2.03	2.00	ppb	.000		=
*** Check Standard: 1 Ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.052	.200	ppb	.000			=
*** Sample ID: AD836311								
				Seq: 30	11:03:07	30	Jun 08	HG
Hg	3.37	ppb	.000	3.37				=
*** Sample ID: AD836312								
				Seq: 31	11:04:23	30	Jun 08	HG
Hg	.004	ppb	.000	.004				=
*** Sample ID: AD836313								
				Seq: 32	11:06:34	30	Jun 08	HG
Hg	.257	ppb	.000	.257				=
*** Sample ID: AD836314								
				Seq: 33	11:08:21	30	Jun 08	HG
SPIKED								
Hg	3.49	ppb	.000	3.49				=
*** %Rec. ID: AD836314								
				Seq: 34	11:08:21	30	Jun 08	HG
Spikes =1 Unspiked =0								
Hg	Spike	%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)		=
	4.00	ppb	87.2	.000	.000	3.49	.000	=
*** Sample ID: AD836315								
				Seq: 35	11:09:49	30	Jun 08	HG
Hg	.038	ppb	.000	.038				=
*** Sample ID: AD836318								
				Seq: 36	11:11:17	30	Jun 08	HG
Hg	.855	ppb	.000	.855				=
*** Sample ID: AD836318L								
				Seq: 37	11:12:43	30	Jun 08	HG
1:5								
Hg	.163	ppb	.000	.163				=
*** Sample ID: AD836319								
				Seq: 38	11:14:22	30	Jun 08	HG
Hg	.832	ppb	.000	.832				=
*** Sample ID: AD836320								
				Seq: 39	11:16:18	30	Jun 08	HG
+4 PPB								
Hg	4.71	ppb	.000	4.71				=

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POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD836321								
				Seq: 40	11:17:38	30	Jun 08	HG
Hg	.375	ppb	.000	.375				=
*** Check Standard: 3 Ck3CCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		101.	2.02	2.00	ppb	.000		=
*** Check Standard: 1 Ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.032	.200	ppb	.000			=
*** Sample ID: AD836322								
				Seq: 43	11:21:52	30	Jun 08	HG
Hg	.011	ppb	.000	.011				=
*** Sample ID: AD836323								
				Seq: 44	11:23:10	30	Jun 08	HG
Hg	.069	ppb	.000	.069				=
*** Sample ID: AD836324								
				Seq: 45	11:24:59	30	Jun 08	HG
Hg	.022	ppb	.000	.022				=
*** Sample ID: AD836325								
				Seq: 46	11:26:15	30	Jun 08	HG
Hg	.100	ppb	.000	.100				=
*** Sample ID: AD836326								
				Seq: 47	11:28:16	30	Jun 08	HG
Hg	.009	ppb	.000	.009				=
*** Sample ID: AD836327								
				Seq: 48	11:29:46	30	Jun 08	HG
Hg	.129	ppb	.000	.129				=
*** Sample ID: AD836328								
				Seq: 49	11:31:26	30	Jun 08	HG
Hg	1.15	ppb	.000	1.15				=
*** Sample ID: AD836329								
				Seq: 50	11:32:42	30	Jun 08	HG
Hg	.305	ppb	.000	.305				=
*** Sample ID: AD836330								
				Seq: 51	11:33:58	30	Jun 08	HG
Hg	1.22	ppb	.000	1.22				=
*** Sample ID: AD836331								
				Seq: 52	11:35:19	30	Jun 08	HG
Hg	.598	ppb	.000	.598				=

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POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 3 Ck3CCV Seq: 53 11:36:37 30 Jun 08 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		104.	2.09	2.00	ppb	.000		=
*** Check Standard: 1 Ck1ICB/CCB Seq: 54 11:38:25 30 Jun 08 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.033	.200	ppb	.000			=
*** Sample ID: AD836332 Seq: 55 11:40:12 30 Jun 08 HG								
Hg	7.91	ppb	.000	7.91				=
*** Sample ID: AD836333 Seq: 56 11:41:38 30 Jun 08 HG								
Hg	.316	ppb	.000	.316				=
*** Sample ID: AD836334 Seq: 57 11:42:55 30 Jun 08 HG								
Hg	3.62	ppb	.000	3.62				=
*** Sample ID: AD836335 Seq: 58 11:44:24 30 Jun 08 HG								
Hg	2.05	ppb	.000	2.05				=
*** Sample ID: AD836336 Seq: 59 11:46:02 30 Jun 08 HG								
Hg	5.67	ppb	.000	5.67				=
*** Sample ID: AD836337 Seq: 60 11:47:37 30 Jun 08 HG								
Hg	5.94	ppb	.000	5.94				=
*** Sample ID: AD836338 Seq: 61 11:49:23 30 Jun 08 HG								
Hg	2.16	ppb	.000	2.16				=
*** Sample ID: AD836339 Seq: 62 11:50:52 30 Jun 08 HG								
Hg	3.07	ppb	.000	3.07				=
*** Sample ID: AD836340 Seq: 63 11:52:10 30 Jun 08 HG								
Hg	2.37	ppb	.000	2.37				=
*** Sample ID: AD836341 Seq: 64 11:53:28 30 Jun 08 HG								
Hg	2.52	ppb	.000	2.52				=
*** Check Standard: 3 Ck3CCV Seq: 65 11:54:58 30 Jun 08 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		104.	2.07	2.00	ppb	.000		=

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POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Check Standard: 1 Ck1ICB/CCB Seq: 66 11:56:24 30 Jun 08 HG									
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.054	.200	ppb	.000				
*** Sample ID: AD836342 Seq: 67 11:58:29 30 Jun 08 HG									
SPIKED									
Hg	3.84	ppb	.000	3.84					
*** %Rec. ID: AD836342 Seq: 68 11:58:29 30 Jun 08 HG									
Spikes =1 Unspiked =0									
	Spike	%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)			
Hg	4.00	ppb	96.0	.000	.000	3.84	.000		
*** Sample ID: AD836343 Seq: 69 11:59:46 30 Jun 08 HG									
Hg	-.002	ppb	.000	-.002					
=====									
*** Sample ID: AD836292 Seq: 70 12:01:16 30 Jun 08 HG									
1:10									
Hg	2.37	ppb	.000	2.37					
=====									
*** Sample ID: AD836306 Seq: 71 12:02:46 30 Jun 08 HG									
1:10									
Hg	4.13	ppb	.000	4.13					
*** Check Standard: 4 Ck4CRA Seq: 72 12:04:06 30 Jun 08 HG									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		83.9	.168	.200	ppb	.000			
*** Check Standard: 3 Ck3CCV Seq: 73 12:05:37 30 Jun 08 HG									
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		105.	2.11	2.00	ppb	.000			
*** Check Standard: 1 Ck1ICB/CCB Seq: 74 12:07:03 30 Jun 08 HG									
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.040	.200	ppb	.000				

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7595	A8759501	AD836687	06/30/2008	JMB	T AL	1.26	7.99	2.97	6.73	1.71	25.41	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T SB	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836687	06/30/2008	JMB	T CO	1.26	7.99	2.97	6.73	1.71	25.41	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T ZN	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836687	06/30/2008	JMB	T V	1.26	7.99	2.97	6.73	1.71	25.41	N
A08-7595	A8759501	AD836687	06/30/2008	JMB	T NA	1.26	7.99	2.97	6.73	1.71	25.41	N
A08-7595	A8759501	AD836687	06/30/2008	JMB	T K	1.26	7.99	2.97	6.73	1.71	25.41	N
A08-7595	A8759501	AD836687	06/30/2008	JMB	T MN	1.26	7.99	2.97	6.73	1.71	25.41	N
A08-7595	A8759501	AD836687	06/30/2008	JMB	T MG	1.26	7.99	2.97	6.73	1.71	25.41	N
A08-7595	A8759501	AD836687	06/30/2008	JMB	T FE	1.26	7.99	2.97	6.73	1.71	25.41	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T CU	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836687	06/30/2008	JMB	T CA	1.26	7.99	2.97	6.73	1.71	25.41	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T BE	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836687	06/30/2008	JMB	T BA	1.26	7.99	2.97	6.73	1.71	25.41	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T AS	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T PB	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836328	07/01/2008	JS	T HG	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T CD	1.26	5.33	4.40	4.07	3.14	77.15	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7595	A8759501	AD836687	07/01/2008	JS	T CR	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T NI	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T AG	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T TL	1.26	5.33	4.40	4.07	3.14	77.15	N
A08-7595	A8759501	AD836687	07/01/2008	JS	T SE	1.26	5.33	4.40	4.07	3.14	77.15	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7691	A8769101	AD837073	07/01/2008	JMB	T SB	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T ZN	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T TL	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T AG	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T SE	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T NI	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T CU	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T CR	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T CD	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T BE	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T AS	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837073	07/01/2008	JMB	T PB	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769101	AD837234	07/01/2008	JMB	T HG	1.28	7.49	6.37	6.21	5.09	81.96	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T SB	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T ZN	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T TL	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T AG	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T SE	1.29	7.43	5.33	6.14	4.04	65.80	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7691	A8769102	AD837074	07/01/2008	JMB	T NI	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T CU	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T CR	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T CD	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T BE	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T AS	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837074	07/01/2008	JMB	T PB	1.29	7.43	5.33	6.14	4.04	65.80	N
A08-7691	A8769102	AD837235	07/01/2008	JMB	T HG	1.29	7.43	5.33	6.14	4.04	65.80	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abbreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7988	A8798801	AD837782	07/07/2008	JMB	T SB	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T ZN	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T TL	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T AG	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T SE	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T NI	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T CU	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T CR	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T CD	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T BE	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T AS	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837782	07/07/2008	JMB	T PB	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798801	AD837909	07/07/2008	JMB	T HG	1.31	6.24	5.51	4.93	4.20	85.19	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T SB	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T ZN	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T TL	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T AG	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T SE	1.31	6.11	5.18	4.80	3.87	80.63	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abbreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7988	A8798802	AD837783	07/07/2008	JMB	T NI	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T CU	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T CR	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T CD	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T BE	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T AS	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837783	07/07/2008	JMB	T PB	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798802	AD837910	07/07/2008	JMB	T HG	1.31	6.11	5.18	4.80	3.87	80.63	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T SB	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T ZN	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T TL	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T AG	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T SE	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T NI	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T CU	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T CR	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T CD	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T BE	1.32	6.88	6.05	5.56	4.73	85.07	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abbreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7988	A8798803	AD837784	07/07/2008	JMB	T AS	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837784	07/07/2008	JMB	T PB	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803	AD837911	07/07/2008	JMB	T HG	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T SB	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T ZN	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T TL	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T AG	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T SE	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T NI	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T CU	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T CR	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T CD	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T BE	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T AS	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837785	07/07/2008	JMB	T PB	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803MS	AD837912	07/07/2008	JMB	T HG	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T SB	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T ZN	1.32	6.88	6.05	5.56	4.73	85.07	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abbreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T TL	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T AG	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T SE	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T NI	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T CU	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T CR	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T CD	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T BE	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T AS	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837786	07/07/2008	JMB	T PB	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798803SD	AD837913	07/07/2008	JMB	T HG	1.32	6.88	6.05	5.56	4.73	85.07	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T SB	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T ZN	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T TL	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T AG	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T SE	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T NI	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T CU	1.31	7.82	6.78	6.51	5.47	84.02	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abbreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7988	A8798804	AD837787	07/07/2008	JMB	T CR	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T CD	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T BE	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T AS	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837787	07/07/2008	JMB	T PB	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798804	AD837914	07/07/2008	JMB	T HG	1.31	7.82	6.78	6.51	5.47	84.02	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T SB	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T ZN	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T TL	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T AG	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T SE	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T NI	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T CU	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T CR	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T CD	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T BE	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T AS	1.31	5.16	4.31	3.85	3.00	77.92	N
A08-7988	A8798805	AD837788	07/07/2008	JMB	T PB	1.31	5.16	4.31	3.85	3.00	77.92	N

Job Number	Sample I.D.	Vial Number	Analysis Date	Analyst	Product Test Abreviation	Dish Weight (g)	Wet + Dish	Dry + Dish	Wet Weight	Dry Weight	% Dry	Decanted
A08-7988	A8798805	AD837915	07/07/2008	JMB	T HG	1.31	5.16	4.31	3.85	3.00	77.92	N

DATA USABILITY SUMMARY REPORT
FOR
FORMER VACUUM OIL REFINERY WATER SAMPLES
SDG No. 8374

Organics

Sampling Date: July 8-10, 2008

Submitted to:

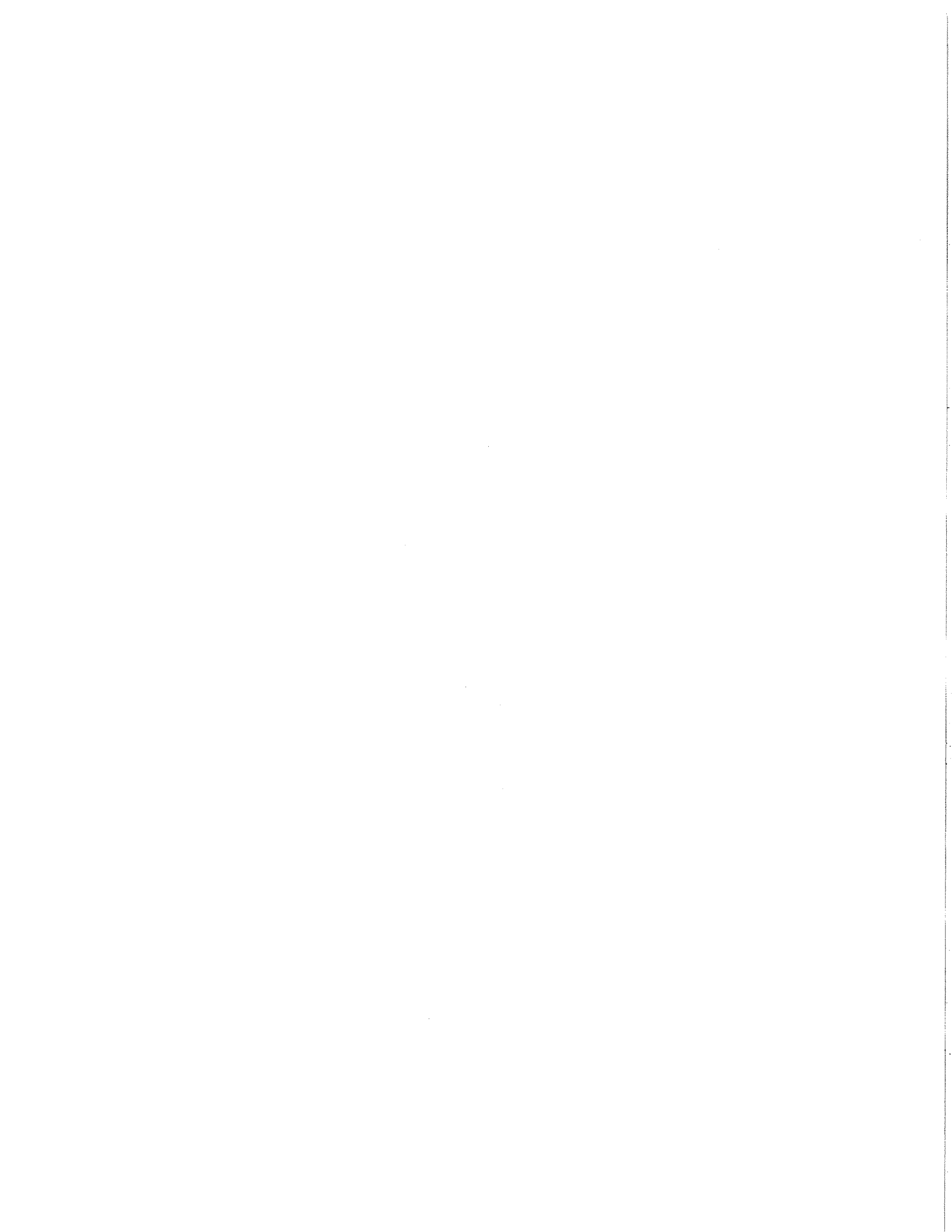
Labella and Associates
300 State Street
Suite # 201
Rochester, NY 14014
(585) 295-6245

For

New York State Department of Environmental Conservation
Albany, New York

Prepared by:

Environmental Data Validation Inc (EDV, Inc.)
1326 Oranewood Ave
Pittsburgh, PA 15216
(412) 341-5281



DATA USABILITY SUMMARY REPORT
ORGANICS
USEPA REGION II

Site: Former Vacuum Oil Refinery

SDG #: 8374

Client: Labella and Associates

Date: September 3, 2008

Laboratory: Test America Laboratories Inc

Reviewer: Linda Wright

Sample ID and Analyses Table

Client ID	Laboratory ID	Matrix	VOA/SVOA	PEST/PCB
Blind Duplicate	A8837404	Water	X	X
MW-014	A8837402	Water	X	X
MW-023	A8837403	Water	X	X
MW-023	A8837403MS/MSD	Water	X	X
MW-069	A8837401	Water	X	X
Trip Blank	A8837405	Water	X	X

The data package contained six (6) aqueous samples. The samples were analyzed via SW-846 methods 8260B, 8270C, 8081 and 8082. Matrix spikes and matrix spike duplicates were analyzed. The adherence of laboratory analytical performance to these SW-846 methods' Analytical Specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (NYSDEC, 10/02). USEPA Region II checklists were used as guidance documents. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data. All QC data were within quality control limits, except the following issues:

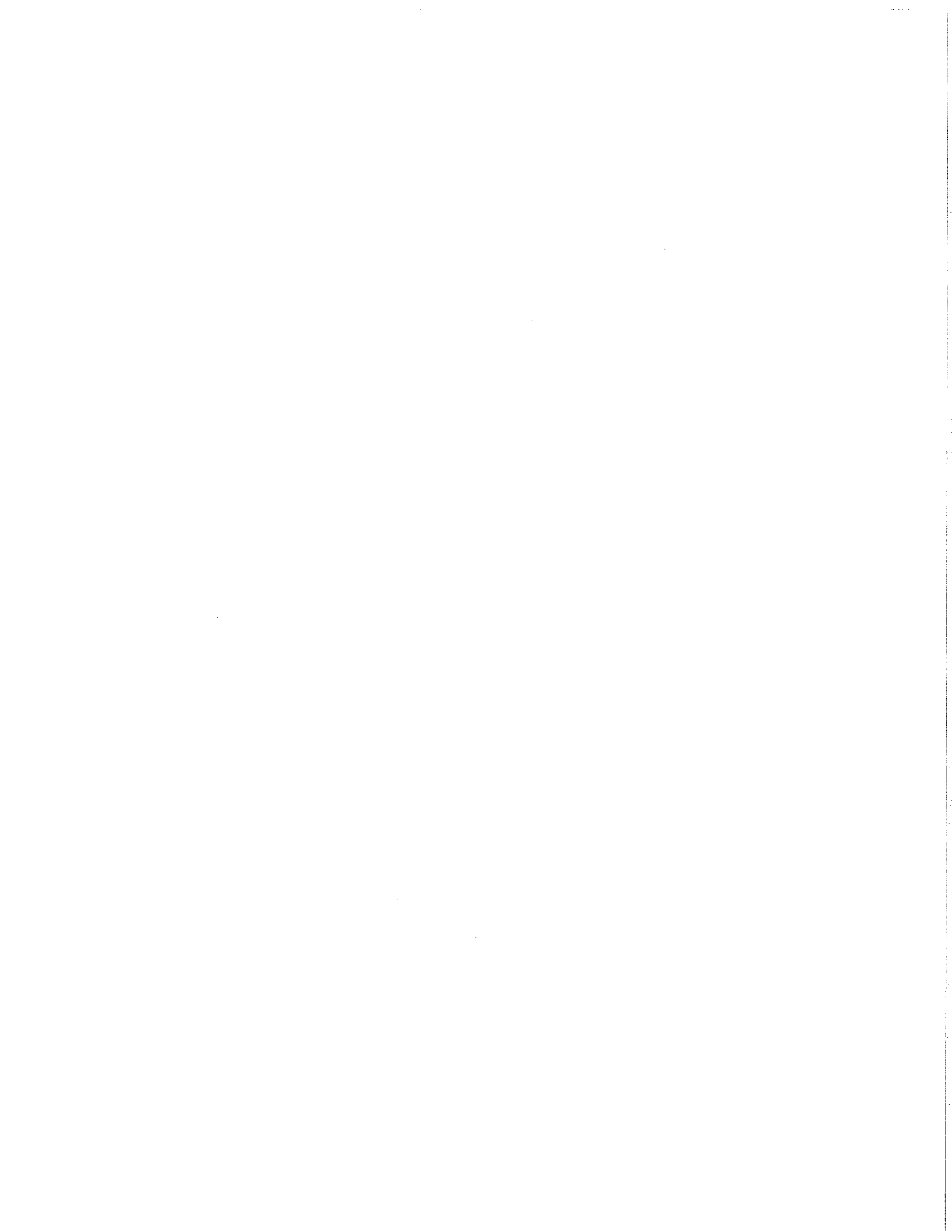
Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC) and Traffic Report: All were present.

Holding Time: Holding time criterion was exceeded. This resulted in the following compounds being qualified.

Client ID	Analyte	Qualifier
MW-023	Cyclohexane, isopropyl benzene, methylcyclohexane, toluene, total xylenes	J
	All other compounds	UJ

Calibration Quality Control: Percent difference was outside the QC limits which resulted in the following compounds being qualified;



DATA USABILITY SUMMARY REPORT
ORGANICS
USEPA REGION II

VOA

Client ID	Analyte	Qualifier
MW-069, MW-014, Blind Duplicate	Methyl acetate, cis-1,3- dichloropropene	UJ

SVOA

Client ID	Analyte	Qualifier
Blind Duplicate, MW-014, MW-069, MW-023	3,3'-Dichlorobenzidine	UJ

Pesticide

Client ID	Analyte	Qualifier
Blind Duplicate	beta-BHC,	J
	Methoxychlor	UJ
MW-023, MW-069	beta-BHC, methoxychlor	UJ
MW-014	Methoxychlor	UJ

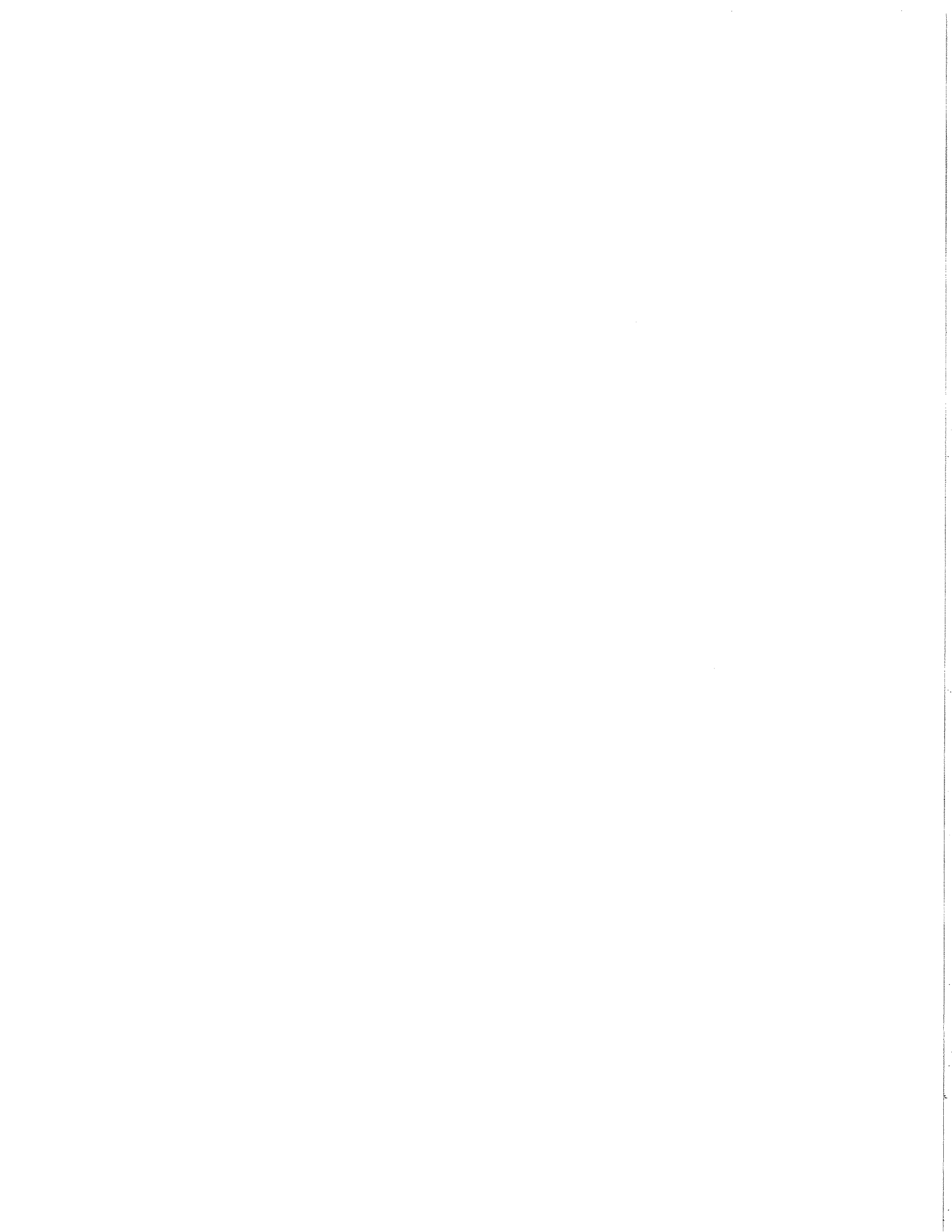
Blanks Quality Control: SVOA method blank reported chrysene contamination and resulted in the following qualification; See also trip blank.

Pesticide

Client ID	Analyte	Qualifier
Blind Duplicate, , MW-014	Gamma-chlordane,	U
MW-023	Gamma-chlordane, 4,4'-DDT	U

Surrogates: The following compounds were qualified due to surrogate exceedance.

Client ID	Analyte	Qualifier
Blind Duplicate	Acetone, benzene, 2-butanone, carbon disulfide, cyclohexane, ethyl benzene, 2-hexanone, methylcyclohexane, 4-methyl-2- pentanone, toluene, 1,2,4- trichlorobenzene, total xylenes	J
MW-014	Acetone, benzene, 2-butanone, carbon disulfide, cyclohexane, ethyl benzene, 2-hexanone, methylcyclohexane, 4-methyl-2- pentanone, toluene, total xylenes	J



DATA USABILITY SUMMARY REPORT
ORGANICS
USEPA REGION II

Matrix Spike: Recoveries were acceptable.

Post Digestion Spike: Results were acceptable.

Laboratory Control Sample (LCS): Recoveries met QC criteria.

Internal Standard: Results are acceptable.

ICP Serial Dilution: Results were acceptable.

Duplicate Results: Results were acceptable.

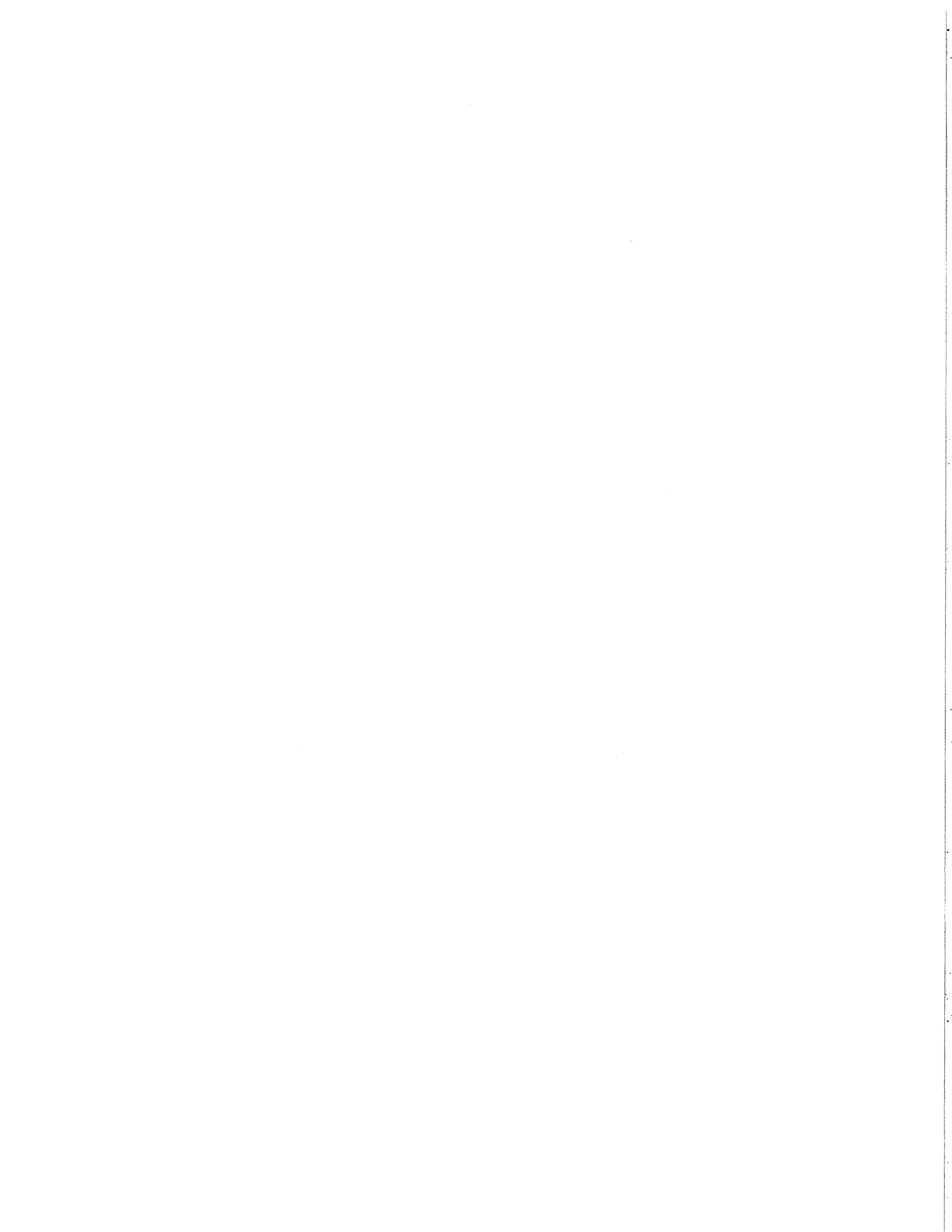
Field Quality Control: Trip blank reported low level pesticide contamination. The method blank also reported the same contamination. See Method blanks Section for qualifications. The following SVOA compounds were qualified due to trip blank contamination.

Client ID	Analyte	Qualifier
Blind duplicate, MW-014, MW-023 MW-069	Chrysene, di-n-octyl phthalate	U
MW-069	Di-n-butyl phthalate	U

MW-014 is the original sample of "Blind Duplicate". RPDs are acceptable.

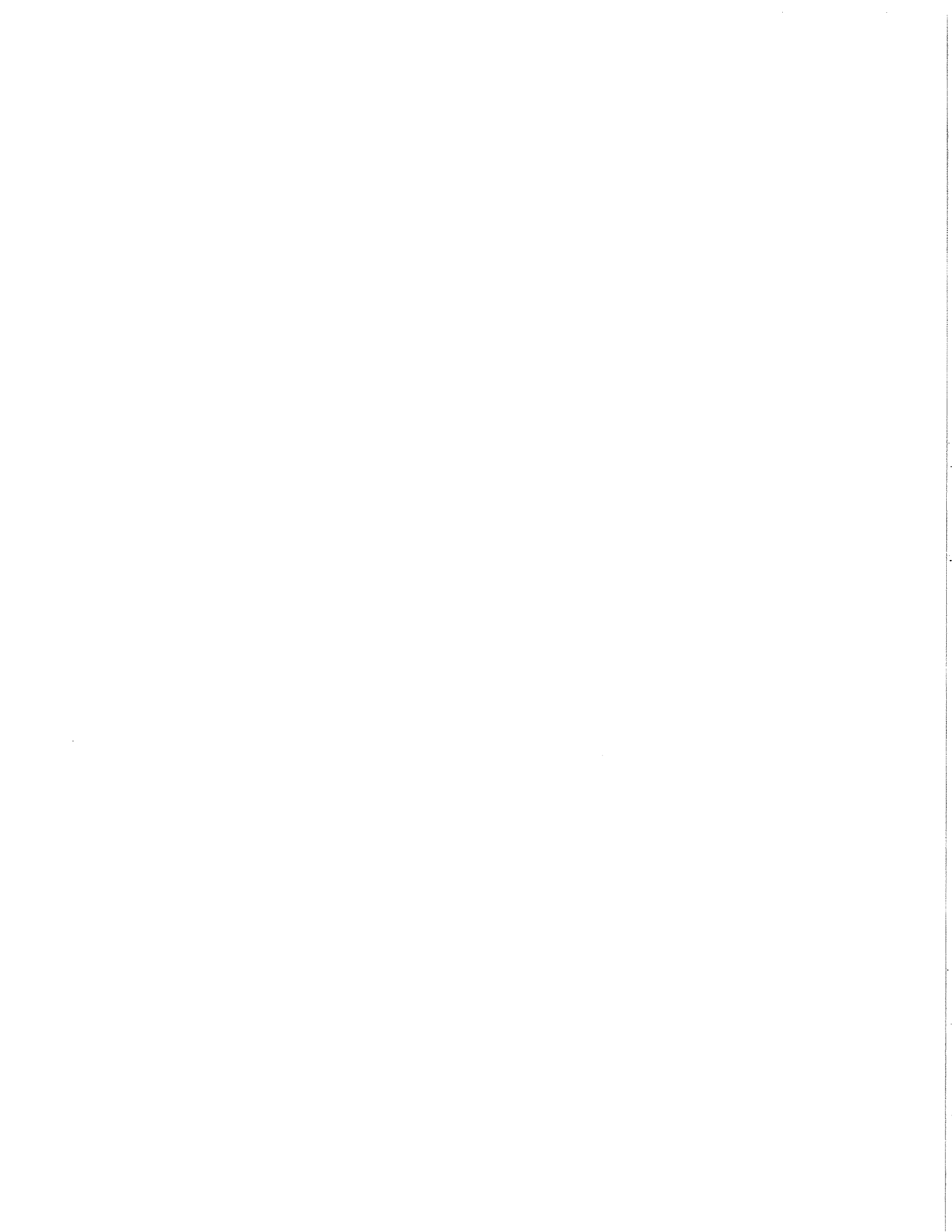
Compound Quantitation: Some compounds were reported at elevated reporting limits due to dilutions.

Data usability: Data qualified with the "UJ" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "J" qualifier are to be used cautiously as they are estimated data with some quality control issues. Data qualified with the "R" qualifier are not usable due to severe quality control issues. Data qualified with the "U" qualifier are usable as there are no quality control issues.



ATTACHMENT A

VALIDATED AND QUALIFIED DATA SHEETS (FORM 1s)



18/1914

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BLIND DUPLICATE

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: REINY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837404
Sample wt/vol: 5.00 (g/ml) ML Lab File ID: _____
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: not dec. _____ Heated Purge: N
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/kg) UG/L

CAS NO.	COMPOUND	UG/L	Q
67-64-1	Acetone	180	U
71-43-2	Benzene	8.8	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	Butane	200	U
75-15-0	Carbon Disulfide	2.4	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	3.7	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	10	U
591-78-6	2-Hexanone	130	U
98-82-8	Isopropylbenzene	0.92	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	6.1	U
75-09-2	Methylene chloride	1.0	U

FORM I - GC/MS VOA

19/1914

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BLIND DUPLICATE

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: REINY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837404
Sample wt/vol: 5.00 (g/ml) ML Lab File ID: _____
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: not dec. _____ Heated Purge: N
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/kg) UG/L

CAS NO.	COMPOUND	UG/L	Q
108-10-1	4-Methyl-2-pentanone	32	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	56	U
120-82-1	1,2,4-Trichlorobenzene	2.2	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	35	U

FORM I - GC/MS VOA

Signature: *[Handwritten Signature]*
Date: *07/18/08*



24/1914

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-014

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RENY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A9837402
Sample wt./vol.: 5.00 (g/mL) ML Lab File ID: 57861.RR
Level: (Low/med) LOW Date Samp/Recv: 07/09/2008 07/11/2008
% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/18/2008
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	US/L	Q
67-64-1	Acetone		180	U
71-43-2	Benzene		9.7	U
75-27-4	Bromodichloromethane		1.0	U
75-25-2	Bromoforn		1.0	U
74-83-9	Bromomethane		1.0	U
78-93-3	2-Butanone		220	U
75-15-0	Carbon Disulfide		2.6	U
56-23-5	Carbon Tetrachloride		1.0	U
108-90-7	Chlorobenzene		1.0	U
75-00-3	Chloroethane		1.0	U
67-66-3	Chloroform		1.0	U
74-87-3	Chloromethane		1.0	U
110-82-7	Cyclohexane		3.5	U
106-93-4	1,2-Dibromethane		1.0	U
124-48-1	Dibromochloromethane		1.0	U
96-12-8	1,2-Dibromo-3-chloropropane		1.0	U
95-50-1	1,2-Dichlorobenzene		1.0	U
541-73-1	1,3-Dichlorobenzene		1.0	U
105-46-7	1,4-Dichlorobenzene		1.0	U
75-71-8	Dichlorodifluoromethane		1.0	U
75-34-3	1,1-Dichloroethane		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
75-35-4	1,1-Dichloroethene		1.0	U
155-59-2	cis-1,2-Dichloroethene		1.0	U
156-60-5	trans-1,2-Dichloroethene		1.0	U
78-87-5	1,2-Dichloropropane		1.0	U
10061-01-5	cis-1,3-Dichloropropene		1.0	U
10061-02-6	trans-1,3-Dichloropropene		1.0	U
100-41-4	Ethylbenzene		11	U
591-78-6	2-Hexanone		150	U
98-82-8	Isopropylbenzene		0.93	U
79-20-9	Methyl acetate		1.0	U
108-87-2	Methylcyclohexane		6.8	U
75-09-2	Methylene chloride		1.0	U

FORM I - GC/MS VOA

25/1914

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

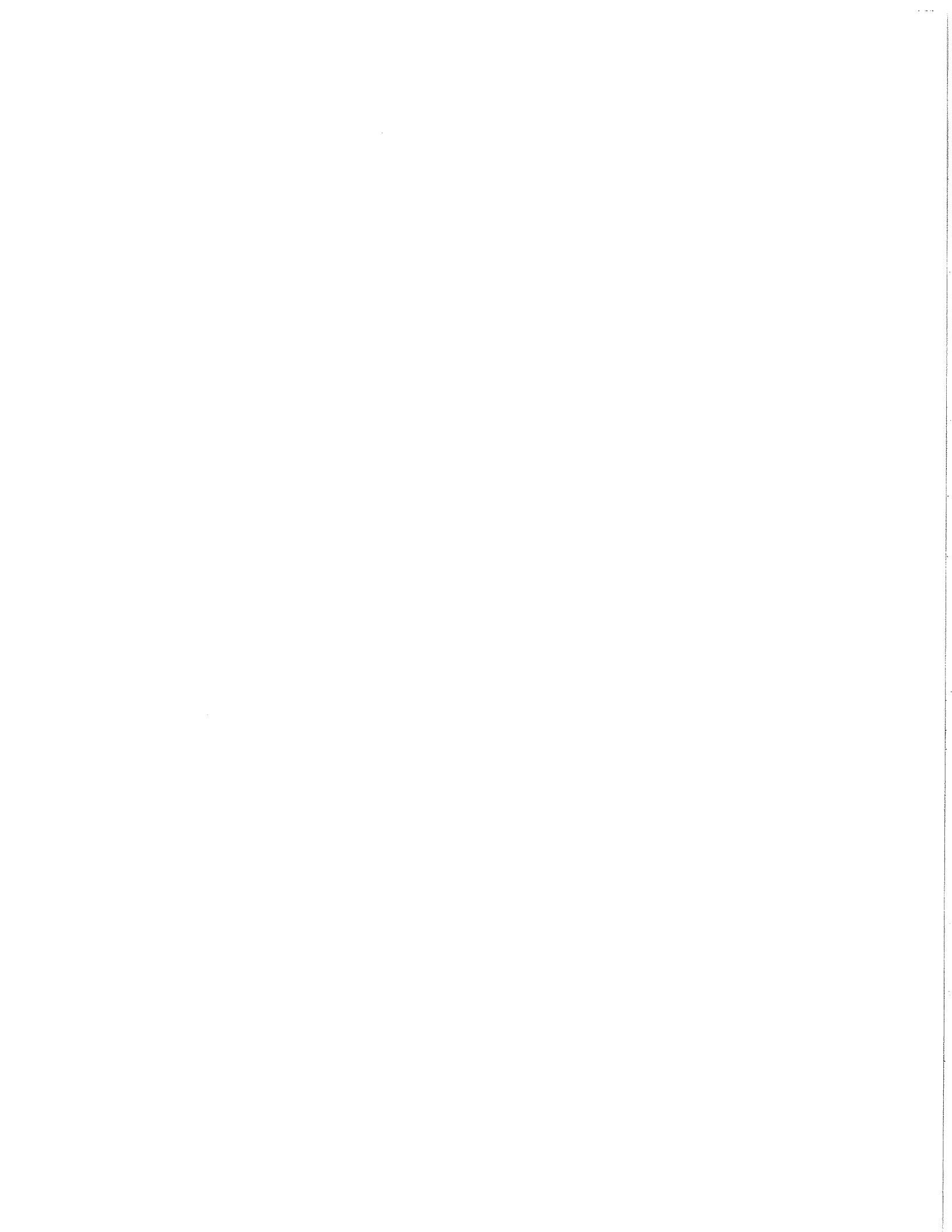
MW-014

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RENY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A9837402
Sample wt./vol.: 5.00 (g/mL) ML Lab File ID: 57861.RR
Level: (Low/med) LOW Date Samp/Recv: 07/09/2008 07/11/2008
% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/18/2008
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	US/L	Q
108-10-1	4-Methyl-2-pentanone		34	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)		1.0	U
100-42-5	Styrene		1.0	U
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U
127-18-4	Tetrachloroethene		1.0	U
108-88-3	Toluene		56	U
120-82-1	1,2,4-Trichlorobenzene		1.0	U
71-55-6	1,1,1-Trichloroethane		1.0	U
79-00-5	1,1,2-Trichloroethane		1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		1.0	U
75-69-4	Trichlorofluoromethane		1.0	U
79-01-6	Trichloroethene		1.0	U
75-01-4	Vinyl chloride		1.0	U
1330-20-7	Total Xylenes		38	U

FORM I - GC/MS VOA

Signature



30/1914

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MF-023

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RENY Case No.: _____ SAS No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A9837403
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 07862.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/18/2008
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	US/L	Q
67-64-1	Acetone	5.0	U	U
71-43-2	Benzene	1.0	U	U
75-27-4	Bromochloroethane	1.0	U	U
75-25-2	Bromoform	1.0	U	U
74-83-9	Bromomethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
75-15-0	Carbon Disulfide	1.0	U	U
56-23-5	Carbon Tetrachloride	1.0	U	U
108-90-7	Chlorobenzene	1.0	U	U
75-00-3	Chloroethane	1.0	U	U
67-66-3	Chloroform	1.0	U	U
74-87-3	Chloromethane	1.0	U	U
110-82-7	Cyclohexane	52	U	U
106-93-4	1,2-Dibromoethane	1.0	U	U
124-48-1	Dibromochloroethane	1.0	U	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U	U
95-50-1	1,2-Dichlorobenzene	1.0	U	U
541-73-1	1,3-Dichlorobenzene	1.0	U	U
106-46-7	1,4-dichlorobenzene	1.0	U	U
75-71-8	Dichlorodifluoromethane	1.0	U	U
75-34-3	1,1-Dichloroethane	1.0	U	U
107-06-2	1,2-Dichloroethane	1.0	U	U
75-35-4	1,1-Dichloroethene	1.0	U	U
156-59-2	cis-1,2-Dichloroethene	1.0	U	U
156-60-5	trans-1,2-Dichloroethene	1.0	U	U
78-87-5	1,2-Dichloropropane	1.0	U	U
10061-01-5	Cis-1,3-Dichloropropene	1.0	U	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U	U
100-41-4	Ethylbenzene	1.0	U	U
591-78-6	2-Hexanone	5.0	U	U
98-82-8	Isopropylbenzene	8.5	U	U
79-20-9	Methyl acetate	1.0	U	U
108-87-2	Methylcyclohexane	49	U	U
75-09-2	Methylene chloride	1.0	U	U

FORM I - GC/MS VOA

31/1914

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MF-023

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RENY Case No.: _____ SAS No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A9837403
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 07862.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/18/2008
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	US/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U	U
100-42-5	Styrene	1.0	U	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	U
127-18-4	Tetrachloroethene	1.0	U	U
108-88-3	Toluene	9.2	U	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	U
79-00-5	1,1,2-Trichloroethane	1.0	U	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	U
75-69-4	Trichlorofluoromethane	1.0	U	U
79-01-6	Trichloroethene	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	U
1330-20-7	Total Xylenes	1800	U	U

2x dilution

FORM I - GC/MS VOA

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LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-069

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: REDNY Case No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837401
Sample wt./vol.: 5.00 (g/mL) ML Lab File ID: _____
Level: (Low/med) LOW Date Samp/Recv: 07/08/2008 07/11/2008
% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/18/2008
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L Q

CAS NO.	COMPOUND	ug/L	Q
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromochloromethane	1.0	U
75-25-2	Bromoforn	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

FORM I - GC/MS VOA

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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-069

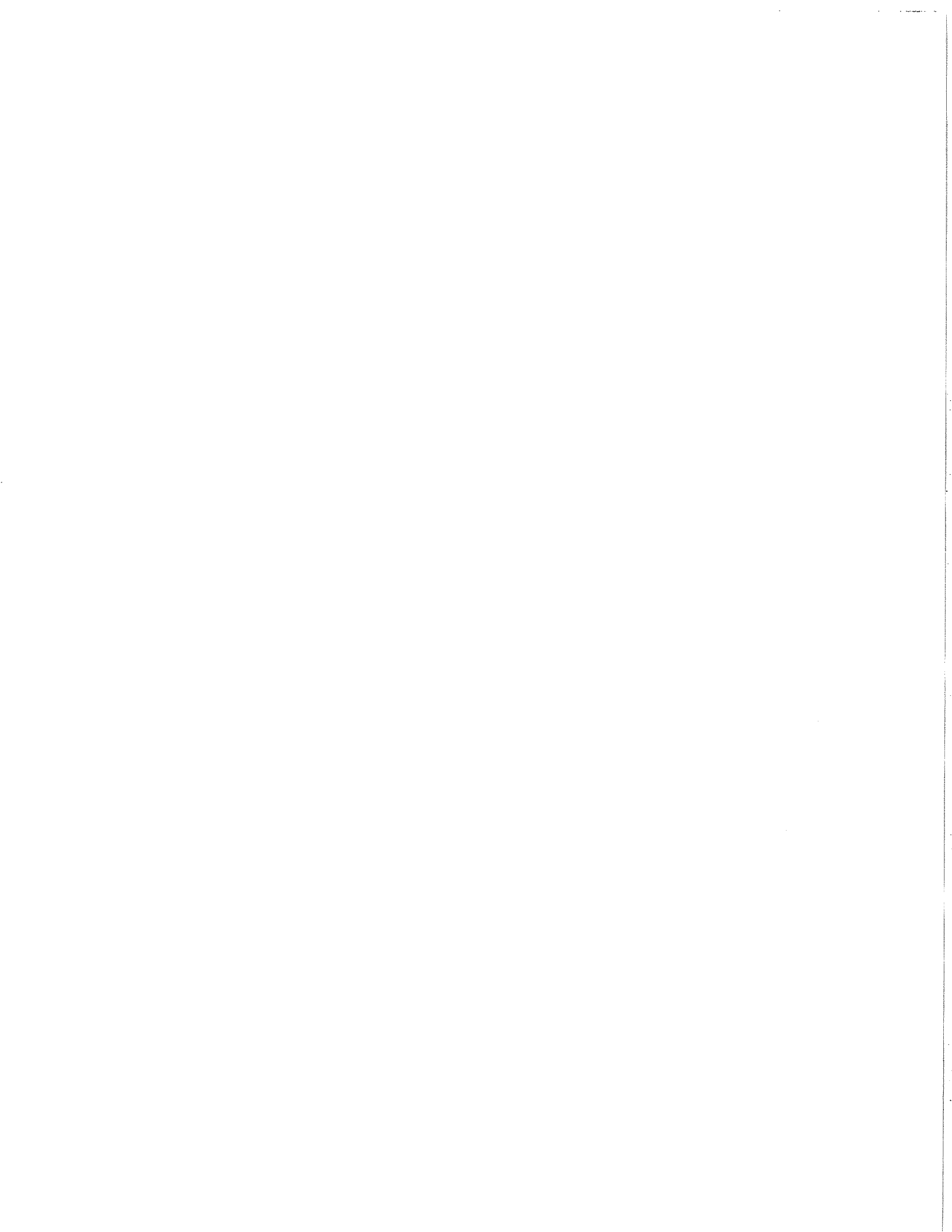
Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: REDNY Case No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837401
Sample wt./vol.: 5.00 (g/mL) ML Lab File ID: _____
Level: (Low/med) LOW Date Samp/Recv: 07/08/2008 07/11/2008
% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/18/2008
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L Q

CAS NO.	COMPOUND	ug/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	0.71	J
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloroethene	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

FORM I - GC/MS VOA

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LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No. MW-069

Lab Name: TestAmerica Laborat Contract: _____
Lab Code: REOXY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837401
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 97860.JRR
Level: (low/med) LOW Date Samp/Recv: 07/08/2008 07/11/2008
% Moisture: not dec. _____ Date Analyzed: 07/19/2008
GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No. BLIND DUPLICATE

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: REOXY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837404
Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: 929287.JRR
Level: (low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/17/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GC Cleanup: (Y/N) N pH: 6.0

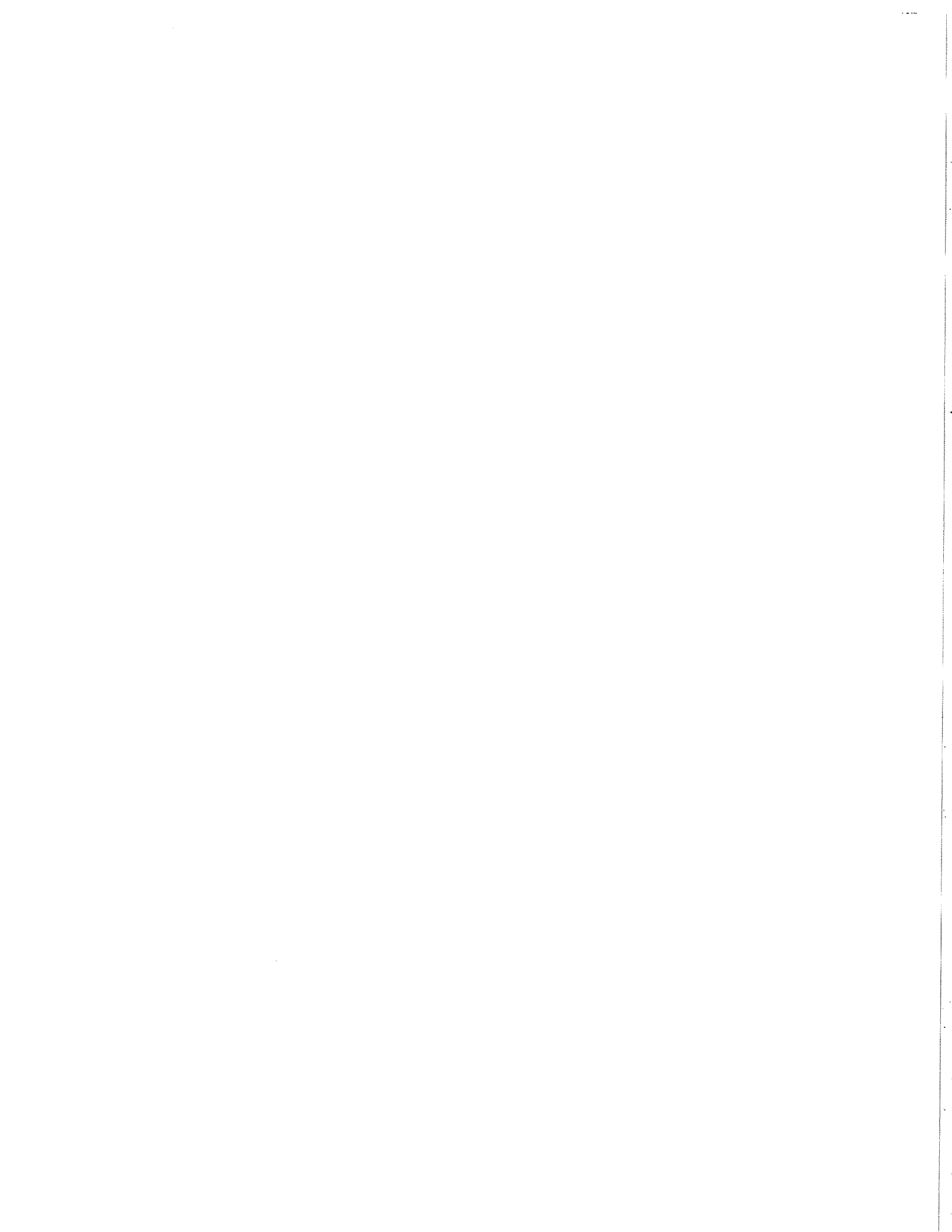
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	ug/L	Q
83-32-9	Acenaphthene		5	U
208-96-8	Acenaphthylene		5	U
98-86-2	Acetophenone		6	U
120-12-7	Anthracene		5	U
1912-24-9	Atrazine		5	U
100-52-7	Benzaldehyde		5	U
56-55-3	Benzo (a) anthracene		5	U
205-99-2	Benzo (b) fluoranthene		5	U
207-08-9	Benzo (k) fluoranthene		5	U
191-24-2	Benzo (ghi) perylene		5	U
50-32-8	Benzo (a) pyrene		5	U
92-52-4	Biphenyl		2	U
111-91-1	Bis (2-chloroethoxy) methane		5	U
111-44-4	Bis (2-chloroethyl) ether		5	U
108-60-1	2,2'-Oxybis (1-Chloropropane)		5	U
117-81-7	Bis (2-ethylhexyl) phthalate		11	U
101-55-3	4-Bromophenyl phenyl ether		5	U
85-68-7	Butyl benzyl phthalate		5	U
106-47-8	4-Chloroaniline		18	U
59-50-7	4-Chloro-3-methylphenol		5	U
91-58-7	2-Chloronaphthalene		5	U
95-57-8	2-Chlorophenol		5	U
7005-72-3	4-Chlorophenyl phenyl ether		5	U
105-60-2	Caprolactam		5	U
86-74-8	Carbazole		5	U
218-01-9	Chrysene		0.6	U
53-70-3	Dibenzo (a,h) anthracene		5	U
132-64-9	Dibenzofuran		5	U
84-74-2	Di-n-butyl phthalate		5	U
91-94-1	3,3'-Dichlorobenzidine		5	U
120-83-2	2,4-Dichlorophenol		5	U
84-66-2	Diethyl phthalate		5	U

FORM IE - GC/MS VOA TIC

FORM I - GC/MS ENA

Handwritten signature/initials



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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BLIND DUPLICATE

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837404
Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: U29287.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/17/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L Q

CAS NO.	COMPOUND	ug/L	Q
105-67-9	2,4-Dimethylphenol	5	U
131-11-3	Dimethyl phthalate	5	U
534-52-1	4,6-Dinitro-2-methylphenol	9	U
51-28-5	2,4-Dinitrophenol	9	U
121-14-2	2,4-Dinitrotoluene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
117-84-0	Di-n-octyl phthalate	5	U
206-44-0	Fluoranthene	5	U
86-73-7	Fluorene	5	U
118-74-1	Hexachlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
67-72-1	Hexachloroethane	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
78-59-1	Isophorone	5	U
91-57-6	2-Methylnaphthalene	2	U
95-48-7	2-Methylphenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	54	U
86-74-4	2-Nitroaniline	9	U
99-09-2	3-Nitroaniline	9	U
100-01-6	4-Nitroaniline	9	U
98-95-3	Nitrobenzene	5	U
86-75-5	2-Nitrophenol	5	U
100-02-7	4-Nitrophenol	9	U
86-30-6	N-nitrosodiphenylamine	5	U
621-64-7	N-Nitroso-Di-n-propylamine	5	U
87-86-5	Pentachlorophenol	9	U
85-01-8	Phenanthrene	6	U
108-95-2	Phenol	0.5	U
129-00-0	Pyrene	5	U
95-95-4	2,4,5-Trichlorophenol	5	U

FORM I - GC/MS ENA

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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BLIND DUPLICATE

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837404
Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: U29287.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/17/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L Q

CAS NO.	COMPOUND	ug/L	Q
88-06-2	2,4,6-Trichlorophenol	5	U

FORM I - GC/MS ENA



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LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BLIND DUPLICATE

Lab Name: TestAmerica Laborat Contract: _____
Lab Code: RECY Case No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837404
Sample wt/vol: 1050.0 (g/mL) mL Lab File ID: U29287.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/17/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

Number TICs found: 19

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	2.13	230	J
2.	SULFIDE, ETHYL PROPYL	2.68	200	JN
3.	UNKNOWN	2.72	110	J
4.	UNKNOWN	3.21	300	J
5.	4-HEPTANONE	3.26	120	JN
6.	UNKNOWN	3.38	200	J
7.	THIOPHENE, TETRAHYDRO-2-MET-	3.52	170	JN
8.	FURFENE, 1-(ETHYLTHIO)-	4.15	160	JN
9.	UNKNOWN	4.23	490	J
10.	UNKNOWN	4.63	320	J
11.	UNKNOWN	4.77	130	J
12.	UNKNOWN	4.86	320	J
13.	UNKNOWN	4.91	130	J
14.	UNKNOWN	5.15	120	J
15.	UNKNOWN	5.46	120	J
16.	UNKNOWN	5.84	140	J
17.	UNKNOWN	5.91	110	J
18.	UNKNOWN	7.23	140	J
19.	UNKNOWN	8.15	100	J

FORM IF - GC/MS SVQA TIC

43/1914

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MM-014

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECY Case No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837402
Sample wt/vol: 1040.0 (g/mL) mL Lab File ID: U29283.RR
Level: (Low/med) LOW Date Samp/Recv: 07/09/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

Number TICs found: 19

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	ug/L	Q
83-32-9	Acenaphthene	5	5	U
208-96-8	Acenaphthylene	5	5	U
98-86-2	Acetophenone	5	5	U
120-12-7	Anthracene	5	5	U
1912-24-9	Atrazine	5	5	U
100-52-7	Benzaldehyde	5	5	U
56-55-3	Benzo (a) anthracene	5	5	U
205-99-2	Benzo (b) fluoranthene	5	5	U
207-08-9	Benzo (k) fluoranthene	5	5	U
191-24-2	Benzo (ghi) perylene	0.2	0.2	J
50-32-8	Benzo (a) pyrene	5	5	U
92-52-4	Biphenyl	5	5	U
111-91-1	Bis (2-chloroethoxy) methane	5	5	U
111-44-4	Bis (2-chloroethyl) ether	5	5	U
108-60-1	2,2'-Oxybis (1-chloropropane)	5	5	U
117-81-7	Bis (2-ethylhexyl) phthalate	8	8	U
101-55-3	4-bromophenyl phenyl ether	5	5	U
85-68-7	Butyl benzyl phthalate	5	5	U
106-47-8	4-Chloroaniline	5	5	U
59-50-7	4-Chloro-3-methylphenol	5	5	U
91-58-7	2-Chloronaphthalene	5	5	U
95-57-8	2-Chlorophenol	5	5	U
7005-72-3	4-Chlorophenyl phenyl ether	5	5	U
105-60-2	Caprolactam	5	5	U
86-74-8	Carbazole	5	5	U
218-01-9	Chrysene	0.6	0.6	BY
53-70-3	Dibenzo (a,h) anthracene	5	5	U
132-64-9	Dibenzofuran	5	5	U
84-74-2	Di-n-butyl phthalate	5	5	U
91-94-1	3,3'-Dichlorobenzidine	5	5	U
120-83-2	2,4-Dichlorophenol	5	5	U
84-66-2	Diethyl phthalate	5	5	U

FORM I - GC/MS ENVA

Handwritten signature and date: 07/15/08



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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MM-014

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837402
Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: U29283.RR
Level: (Low/med) LOW Date Samp/Recv: 07/09/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/15/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	UG/L	Q
105-67-9	2,4-Dimethylphenol		5	U
131-11-3	Dimethyl phthalate		5	U
534-52-1	4,6-Dinitro-2-methylphenol		10	U
51-28-5	2,4-Dinitrophenol		10	U
121-14-2	2,4-Dinitrotoluene		5	U
606-20-2	2,6-Dinitrotoluene		5	U
117-84-0	Di-n-octyl phthalate		8	U
206-44-0	Fluoranthene		5	U
86-73-7	Fluorene		5	U
118-74-1	Hexachlorobenzene		5	U
87-68-3	Hexachlorobutadiene		5	U
77-47-4	Hexachlorocyclopentadiene		5	U
67-72-1	Hexachloroethane		5	U
193-39-5	Indeno(1,2,3-cd)pyrene		5	U
78-59-1	Isophorone		5	U
91-57-6	2-Methylnaphthalene		2	J
95-48-7	2-Methylphenol		5	U
106-44-5	4-Methylphenol		5	U
91-20-3	Naphthalene		42	U
88-74-4	2-Nitroaniline		10	U
99-09-2	3-Nitroaniline		10	U
100-01-6	4-Nitroaniline		10	U
98-95-3	Nitrobenzene		5	U
88-75-5	2-Nitrophenol		5	U
100-02-7	4-Nitrophenol		10	U
86-30-6	N-nitrosodiphenylamine		5	U
621-64-7	N-Nitroso-Di-n-propylamine		5	U
87-86-5	Pentachlorophenol		10	U
85-01-8	Phenanthrene		0.6	J
108-95-2	Phenol		5	U
129-00-0	Pyrene		5	U
95-95-4	2,4,5-Trichlorophenol		5	U

FORM I - GC/MS ENA

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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

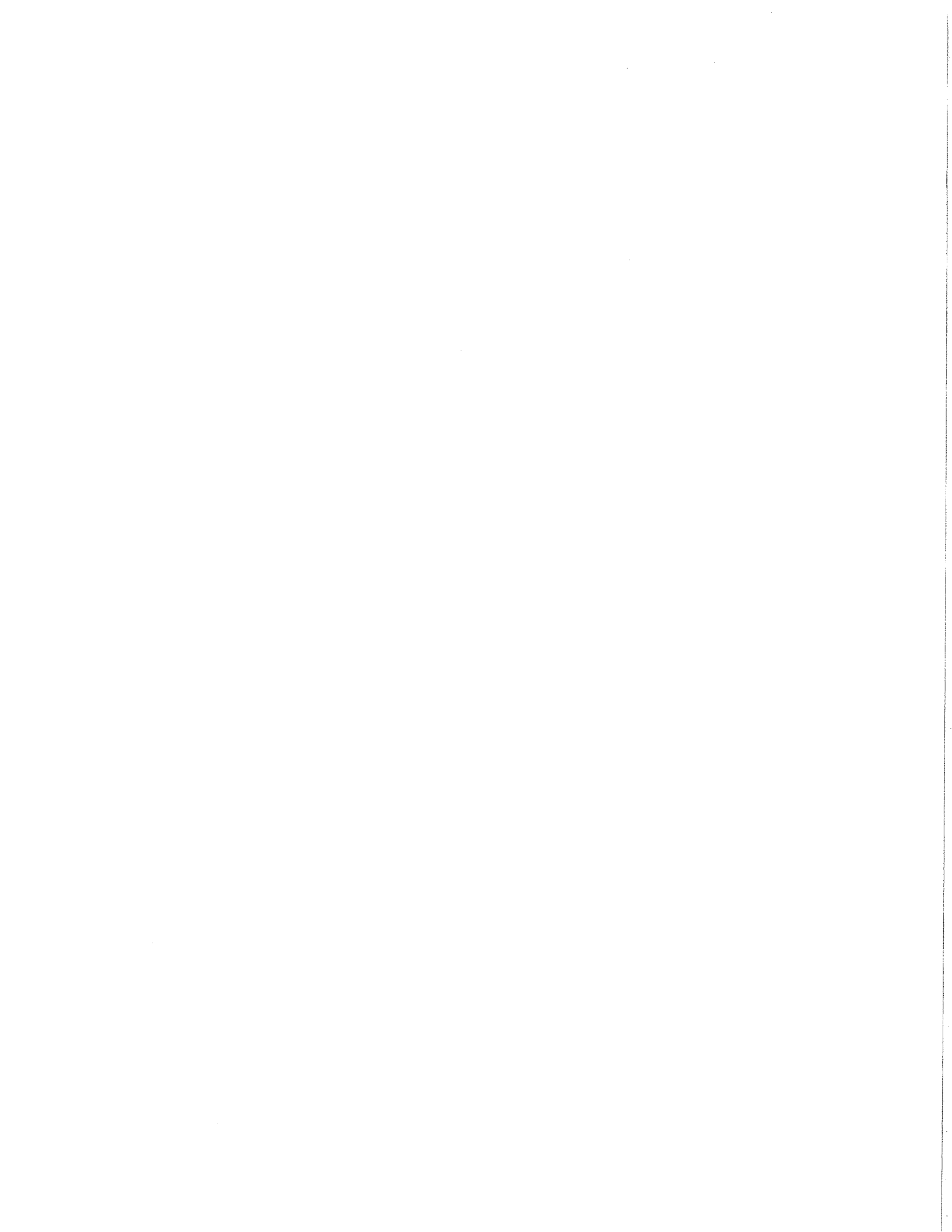
Client No.

MM-014

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837402
Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: U29283.RR
Level: (Low/med) LOW Date Samp/Recv: 07/09/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/15/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	UG/L	Q
88-06-2	2,4,6-Trichlorophenol		5	U

FORM I - GC/MS ENA



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LABELIA ASSOCIATES
LABELIA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MF-014

Lab Name: TestAmerica Laborat Contract: _____
Lab Code: RECV Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837402
Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: U29283.RR
Level: (Low/med) LOW Date Samp/Recv: 07/09/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 19 CONCENTRATION UNITS: (ug/L or ug/Kg) IS/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	2.13	210	J
2.	SULFIDE, ETHYL PROPYL	2.67	170	JN
3.	UNKNOWN	2.71	96	J
4.	UNKNOWN	3.20	260	J
5.	UNKNOWN	3.38	180	J
6.	THIOPHENE, TETRAHYDRO-2-MET.	3.51	170	JN
7.	BUTANE, 1-(ETHYLTHIO)-	4.15	86	JN
8.	1-METHYLCYCLOHEXANOL	4.23	410	JN
9.	UNKNOWN	4.63	270	J
10.	3-HEXANONE, 2,5-DIMETHYL	4.68	120	JN
11.	UNKNOWN HEXANONE DERIVATIVE	4.77	120	J
12.	UNKNOWN	4.85	270	J
13.	UNKNOWN	4.90	93	J
14.	UNKNOWN	5.14	95	J
15.	UNKNOWN	5.46	120	J
16.	UNKNOWN	5.83	120	J
17.	UNKNOWN	5.91	93	J
18.	UNKNOWN	7.22	120	J
19.	UNKNOWN	8.15	98	J

FORM IF - GC/MS SVGA TIC

47/1914

LABELIA ASSOCIATES
LABELIA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MF-023

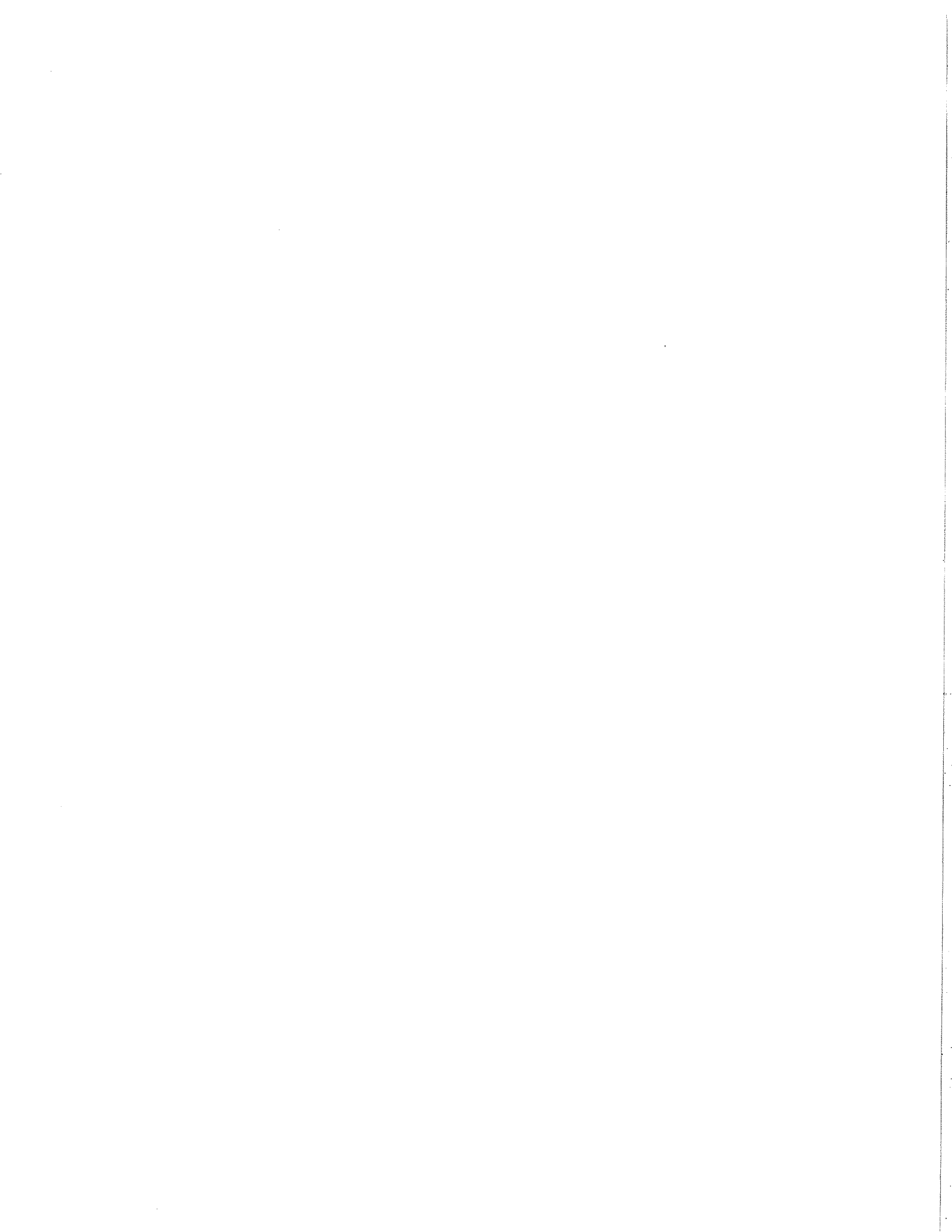
Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECV Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837403
Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: U29284.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS: (ug/L or ug/Kg) IS/L

CAS NO.	COMPOUND	IS/L	Q
83-32-9	Acenaphthene	5	U
208-96-8	Acenaphthylene	5	U
98-86-2	Acetophenone	5	U
120-12-7	Anthracene	5	U
1912-24-9	Atrazine	5	U
100-52-7	Benzaldehyde	5	U
56-55-3	Benzo (a) anthracene	5	U
205-99-2	Benzo (b) fluoranthene	5	U
207-08-9	Benzo (k) fluoranthene	5	U
191-24-2	Benzo (ghi) perylene	5	U
50-32-8	Benzo (a) pyrene	5	U
92-52-4	Biphenyl	5	U
111-91-1	Bis (2-chloroethoxy) methane	5	U
111-44-4	Bis (2-chloroethyl) ether	5	U
108-60-1	2,2'-Oxybis (1-Chloropropane)	5	U
117-81-7	Bis (2-ethylhexyl) phthalate	11	U
101-55-3	4-Bromophenyl phenyl ether	5	U
85-68-7	Buryl benzyi phthalate	5	U
106-47-8	4-Chloroaniline	5	U
59-50-7	4-Chloro-3-methylphenol	5	U
91-58-7	2-Chloronaphthalene	5	U
95-57-8	2-Chlorophenol	5	U
7005-72-3	4-Chlorophenyl phenyl ether	5	U
105-60-2	Caprolactam	5	U
86-74-8	Carbazole	5	U
218-01-9	Chrysene	0.7	U
53-70-3	Dibenzo (a,h) anthracene	5	U
132-64-9	Dibenzofuran	5	U
84-74-2	Di-n-butyl phthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
120-83-2	2,4-Dichlorophenol	5	U
84-66-2	Diethyl phthalate	5	U

FORM I - GC/MS RNA

Valley



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LABELIA ASSOCIATES
LABELIA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MF-023

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: REWY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837403
Sample wt/vol: 1050.0 (g/ml) ML Lab File ID: U29284.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L Q

CAS NO.	COMPOUND	ug/L	Q
105-67-9	2,4-Dimethylphenol	7	U
131-11-3	Dimethyl phthalate	5	U
534-52-1	4,6-Dinitro-2-methylphenol	10	U
51-28-5	2,4-Dinitrophenol	10	U
121-14-2	2,4-Dinitrotoluene	5	U
606-20-2	2,6-Dinitrotoluene	5	U
117-84-0	Di-n-octyl phthalate	7	U
206-44-0	Fluoranthene	5	U
86-73-7	Fluorene	0.7	U
118-74-1	Hexachlorobenzene	5	U
87-68-3	Hexachlorobutadiene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
67-72-1	Hexachloroethane	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
76-59-1	Isophorone	5	U
91-57-6	2-Methylnaphthalene	7	U
95-48-7	2-Methylphenol	5	U
106-44-5	4-Methylphenol	2	U
91-20-3	Naphthalene	5	U
86-74-4	2-Nitroaniline	10	U
99-09-2	3-Nitroaniline	10	U
100-01-6	4-Nitroaniline	10	U
98-95-3	Nitrobenzene	5	U
88-75-5	2-Nitrophenol	5	U
100-02-7	4-Nitrophenol	10	U
86-30-6	N-nitrosodiphenylamine	5	U
621-64-7	N-Nitroso-Di-n-propylamine	5	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	1	U
108-95-2	Phenol	5	U
129-00-0	Pyrene	0.2	U
95-95-4	2,4,5-Trichlorophenol	5	U

FORM I - GC/MS ENA

49/1914

LABELIA ASSOCIATES
LABELIA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MF-023

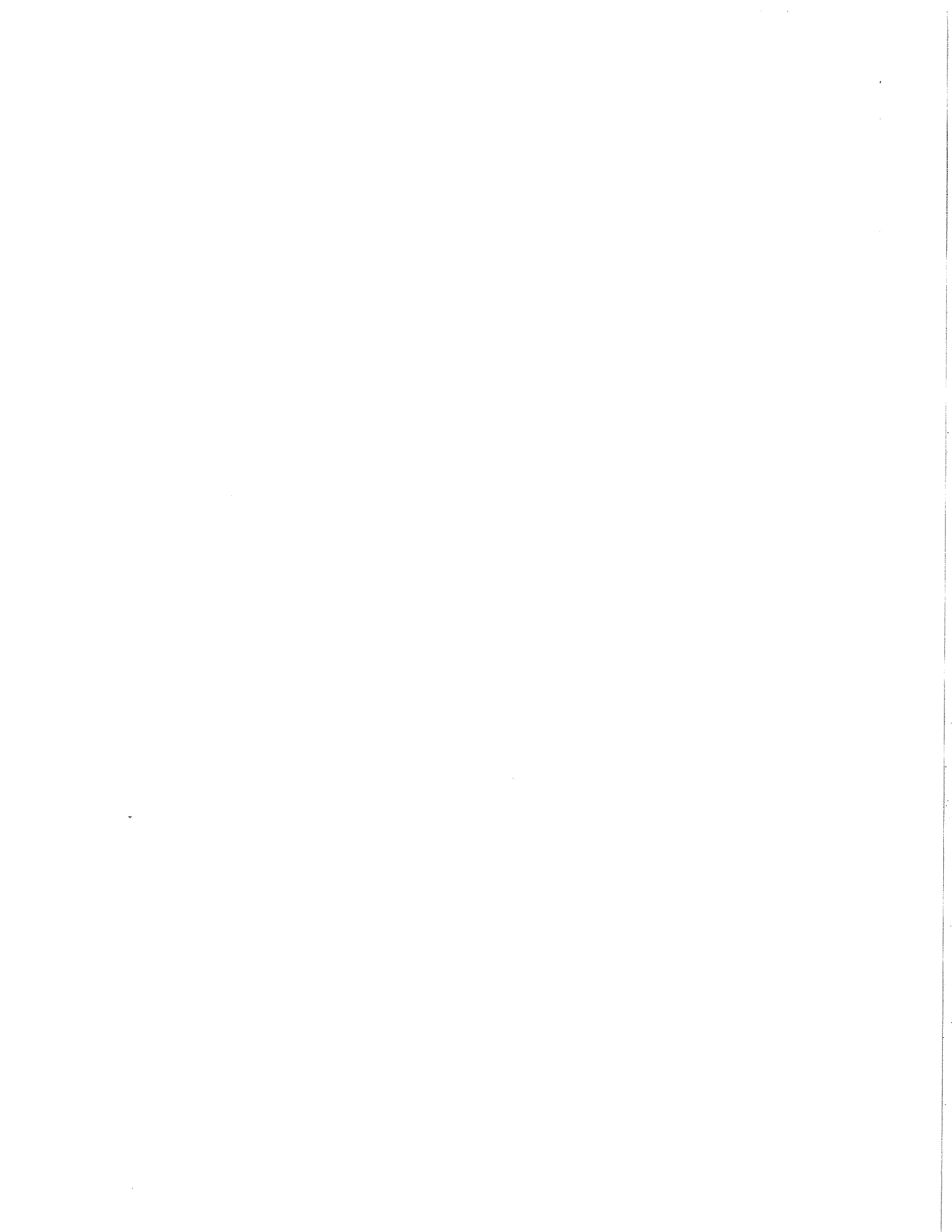
Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: REWY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837403
Sample wt/vol: 1050.0 (g/ml) ML Lab File ID: U29284.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L Q

CAS NO.	COMPOUND	ug/L	Q
88-06-2	2,4,6-Trichlorophenol	5	U

FORM I - GC/MS ENA

Handwritten signature



50/1914

LABELIA ASSOCIATES
LABELIA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-023

Lab Name: TestAmerica Laborat Contract: _____
Lab Code: RENY Case No.: _____ SPS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837403
Sample wt/vol: 1050.0 (g/ml) ML Lab File ID: 129284.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 16 CONCENTRATION UNITS: ug/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	3.12	61	JN
2.	HEPTANE, 2,5-DIMETHYL-	3.22	100	JN
3.	UNKNOWN CYCLOHEXANE ISOMER	3.34	66	JN
4.	CYCLOHEXANE, 1,2,4-TRIMETHYL	3.58	88	JN
5.	UNKNOWN	4.07	75	J
6.	UNKNOWN	4.35	110	J
7.	UNKNOWN	4.40	85	J
8.	OCTANE, 2,5-DIMETHYL-	4.51	70	JN
9.	UNKNOWN	4.64	190	J
10.	UNKNOWN	4.91	120	J
11.	UNKNOWN BENZENE DERIVATIVE	5.03	130	J
12.	CYCLOHEXANE, 1-METHYL-3-PRO	5.32	75	JN
13.	CYCLOHEXANE, BUTYL-	5.88	66	JN
14.	UNKNOWN BENZENE DERIVATIVE	6.13	84	J
15.	UNKNOWN	8.01	96	J
16.	FENITRACENE, 2,6,10,14-TETR.	10.84	77	JN

FORM IF - GC/MS SVQA TIC

51/1914

LABELIA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-069

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RENY Case No.: _____ SPS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837401
Sample wt/vol: 1050.0 (g/ml) ML Lab File ID: 129282.RR
Level: (Low/med) LOW Date Samp/Recv: 07/08/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS: ug/L or ug/kg

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	IS/L	Q
83-32-9	Acenaphthene		5	U
208-96-8	Acenaphthylene		5	U
98-86-2	Acetophenone		5	U
120-12-7	Anthracene		5	U
1912-24-9	Atrazine		5	U
100-52-7	Benzaldehyde		5	U
56-55-3	Benzo (a) anthracene		5	U
205-99-2	Benzo (b) fluoranthene		5	U
207-08-9	Benzo (k) fluoranthene		5	U
191-24-2	Benzo (ghi) perylene		5	U
50-32-8	Benzo (a) pyrene		5	U
92-52-4	Biphenyl		5	U
111-91-1	Bis(2-chloroethoxy) methane		5	U
111-44-4	Bis(2-chloroethyl) ether		5	U
108-60-1	2,2'-Oxybis(1-Chloropropane)		5	U
117-81-7	Bis(2-ethylhexyl) phthalate		6	U
101-55-3	4-Bromophenyl phenyl ether		5	U
85-68-7	Buyl benzyl phthalate		4	BJ
106-47-8	4-Chloroaniline		5	U
59-50-7	4-Chloro-3-methylphenol		5	U
91-58-7	2-Chlorophthalene		5	U
95-57-8	2-Chlorophenol		5	U
7005-72-3	4-Chlorophenyl phenyl ether		5	U
105-60-2	Caprolactam		5	U
86-74-8	Carbazole		5	U
218-01-9	Chrysene		0.5	U
53-70-3	Dibenzo (a,h) anthracene		5	U
132-64-9	Dibenzofuran		5	U
84-74-2	Di-n-butyl phthalate		5	U
91-94-1	3,3'-Dichlorobenzidine		5	U
120-83-2	2,4-Dichlorophenol		5	U
84-66-2	Diethyl phthalate		5	U

FORM I - GC/MS ENA

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52/1914

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MM-069

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837401
Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: U29282.RR
Level: (Low/med) LOW Date Samp/Recv: 07/08/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	ug/L	Q
105-67-9	2,4-Dimethylphenol		5	U
131-11-3	Dimethyl phthalate		5	U
534-52-1	4,6-Dinitro-2-methylphenol		10	U
51-28-5	2,4-Dinitrophenol		5	U
121-14-2	2,4-Dinitrotoluene		5	U
606-20-2	2,6-Dinitrotoluene		5	U
117-84-0	Di-n-octyl phthalate		7	U
206-44-0	Fluoranthene		5	U
86-73-7	Fluorene		5	U
118-74-1	Hexachlorobenzene		5	U
87-68-3	Hexachlorobutadiene		5	U
77-47-4	Hexachlorocyclopentadiene		5	U
67-72-1	Hexachloroethane		5	U
193-39-5	Indeno(1,2,3-cd)pyrene		5	U
78-59-1	Isophorone		5	U
91-57-6	2-Methylnaphthalene		5	U
95-48-7	2-Methylphenol		5	U
106-44-5	4-Methylphenol		5	U
91-20-3	Naphthalene		5	U
88-74-4	2-Nitroaniline		10	U
99-09-2	3-Nitroaniline		10	U
100-01-6	4-Nitroaniline		10	U
98-95-3	Nitrobenzene		5	U
88-75-5	2-Nitrophenol		5	U
100-02-7	4-Nitrophenol		10	U
86-30-6	N-nitrosodiphenylamine		5	U
621-64-7	N-Nitroso-di-n-propylamine		5	U
87-86-5	Pentachlorophenol		10	U
85-01-8	Phenanthrene		5	U
108-95-2	Phenol		5	U
129-00-0	Ethene		5	U
95-95-4	2,4,5-Trichlorophenol		5	U

FORM I - GC/MS ENA

53/1914

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

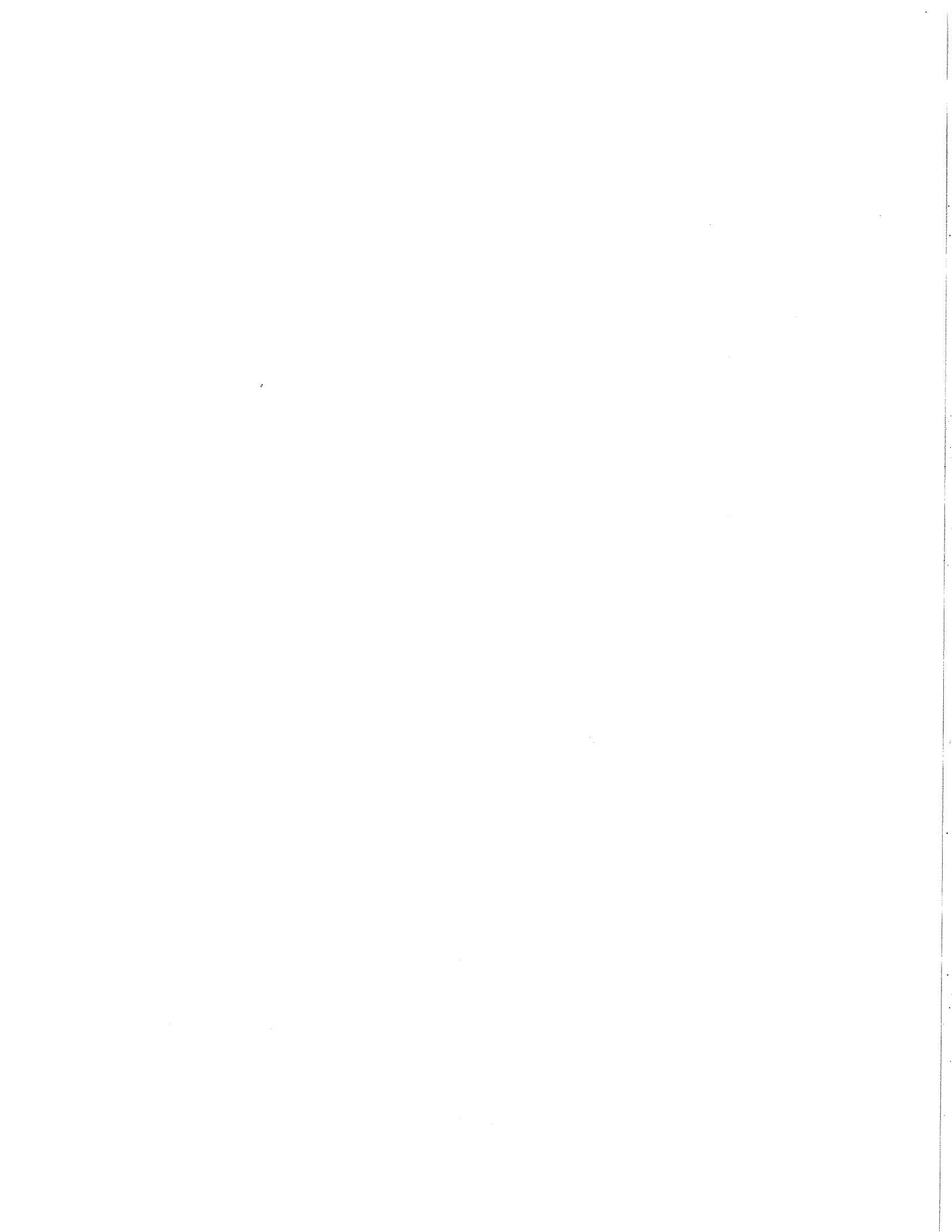
MM-069

Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837401
Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: U29282.RR
Level: (Low/med) LOW Date Samp/Recv: 07/08/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	ug/L	Q
88-06-2	2,4,6-Trichlorophenol		5	U

FORM I - GC/MS ENA

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LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-069

Lab Name: TestAmerica Laborat Contract: _____
Lab Code: RECVY Case No.: _____ SRS No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837401
Sample wt/vol: 1050.0 (g/ml) ML Lab File ID: I29282.RR
Level: (Low/med) LOW Date Samp/Recv: 07/08/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

Number TTCs found: 8
CONCENTRATION UNITS: (ug/L or ug/kg) US/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	12.51	4	J
2.	UNKNOWN	12.64	13	J
3.	UNKNOWN	13.47	10	J
4.	UNKNOWN	14.08	16	J
5.	UNKNOWN	14.20	26	J
6.	UNKNOWN PROPANOL DERIVATIVE	14.78	13	J
7.	UNKNOWN	14.81	6	J
8.	UNKNOWN	15.59	5	J

FORM IF - GC/MS SVCA TIC

55/1914

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

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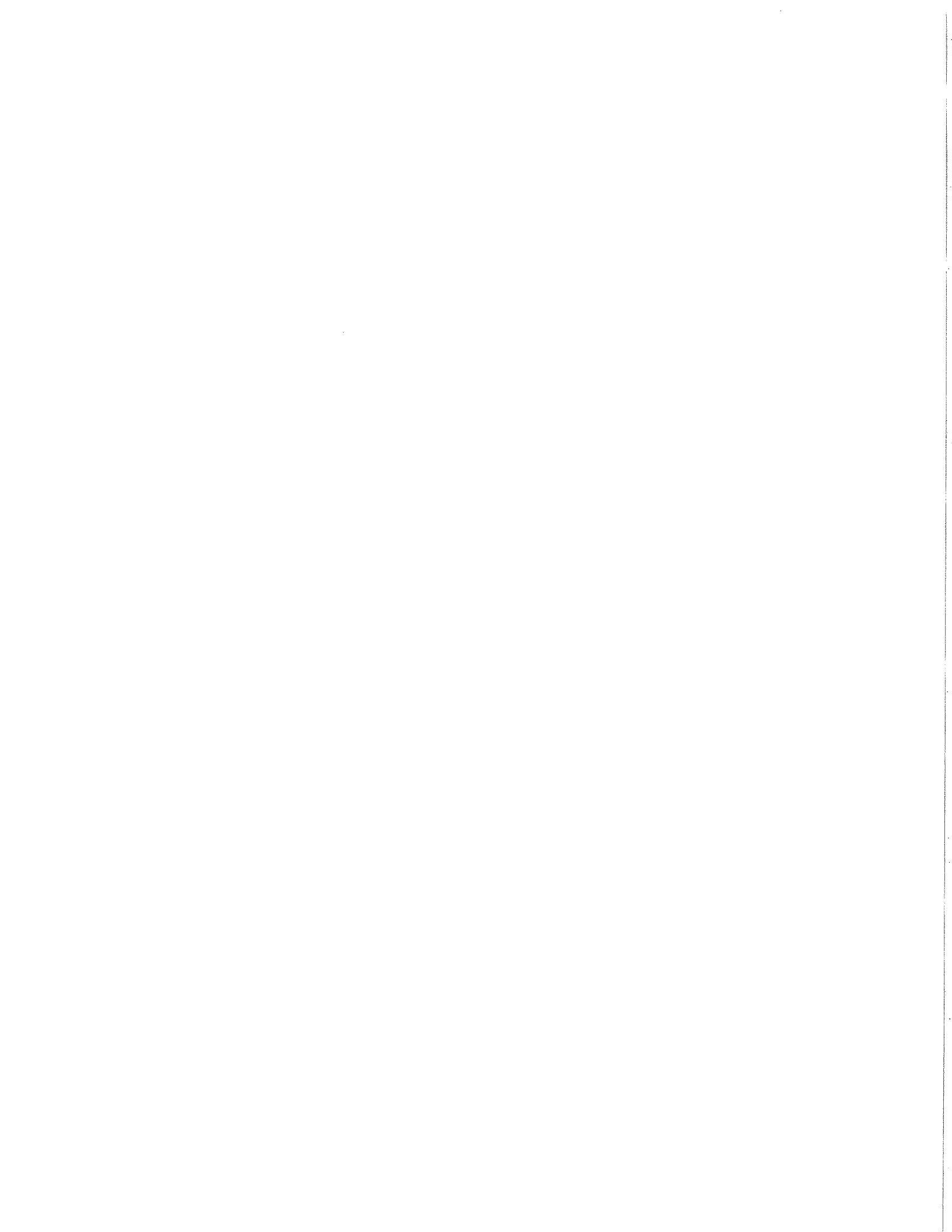
Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECVY Case No.: _____ SRS No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837405
Sample wt/vol: 1045.0 (g/ml) ML Lab File ID: I29288.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/17/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS: (ug/L or ug/kg) US/L Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) US/L	Q
83-32-9	Acenaphthene	5	U
208-96-8	Acenaphthylene	5	U
98-86-2	Acetophenone	5	U
120-12-7	Anthracene	5	U
1912-24-9	Atrazine	5	U
100-52-7	Benzaldehyde	5	U
56-55-3	Benzo (a) anthracene	5	U
205-99-2	Benzo (b) fluoranthene	5	U
207-08-9	Benzo (k) fluoranthene	5	U
191-24-2	Benzo (ghi) perylene	5	U
50-32-8	Benzo (a) pyrene	5	U
92-52-4	Biphenyl	5	U
111-91-1	Bis (2-chloroethoxy) methane	5	U
111-44-4	Bis (2-chloroethyl) ether	5	U
108-60-1	2,2'-Oxybis (1-chloropropane)	5	U
117-81-7	Bis (2-ethylhexyl) phthalate	5	U
101-55-3	4-Bromophenyl phenyl ether	5	U
85-68-7	Buryl benzyl phthalate	4	RU
106-47-8	4-Chloroaniline	5	U
59-50-7	4-Chloro-3-methylphenol	5	U
91-58-7	2-Chloronaphthalene	5	U
95-57-8	2-Chlorophenol	5	U
7005-72-3	4-Chlorophenyl phenyl ether	5	U
105-60-2	Caprolactam	5	U
86-74-8	Carbazole	5	U
218-01-9	Chrysene	0.5	RU
53-70-3	Dibenzo (a,h)anthracene	5	U
132-64-9	Dibenzofuran	5	U
84-74-2	Di-n-butyl phthalate	5	B
91-94-1	3,3'-Dichlorobenzidine	5	U
120-83-2	2,4-Dichlorophenol	5	U
84-66-2	Diethyl phthalate	5	U

FORM I - GC/MS FWA

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LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

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Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECY Case No.: _____ SAS No.: _____ SD3 No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837405
Sample wt/vol: 1045.0 (g/ml) ML Lab File ID: U29288.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (ul) Date Analyzed: 07/17/2008
Injection Volume: 1.00 (ul) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	Q
105-67-9	2,4-Dimethylphenol		5	U
131-11-3	Dimethyl phthalate		5	U
534-52-1	4,6-Dinitro-2-methylphenol		10	U
51-28-5	2,4-Dinitrophenol		10	U
121-14-2	2,4-Dinitrotoluene		5	U
606-20-2	2,6-Dinitrotoluene		5	U
117-84-0	Di-n-octyl phthalate		7	B
206-44-0	Fluoranthene		5	U
86-73-7	Fluorene		5	U
118-74-1	Hexachlorobenzene		5	U
87-68-3	Hexachlorobutadiene		5	U
77-47-4	Hexachlorocyclopentadiene		5	U
67-72-1	Hexachloroethane		5	U
193-39-5	Indeno(1,2,3-cd)pyrene		5	U
78-59-1	Isophorone		5	U
91-57-6	2-Methylheptalene		5	U
95-48-7	2-Methylphenol		5	U
106-44-5	4-Methylphenol		5	U
91-20-3	Naphthalene		5	U
88-74-4	2-Nitroaniline		10	U
99-09-2	3-Nitroaniline		10	U
100-01-6	4-Nitroaniline		10	U
98-95-3	Nitrobenzene		5	U
88-75-5	2-Nitrophenol		5	U
100-02-7	4-Nitrophenol		10	U
86-30-6	N-nitrosodiphenylamine		5	U
621-64-7	N-Nitroso-Di-n-propylamine		5	U
87-86-5	Pentachlorophenol		10	U
85-01-8	Phenanthrene		5	U
108-95-2	Phenol		5	U
129-00-0	Pyrene		5	U
95-95-4	2,4,5-Trichlorophenol		5	U

FORM I - GC/MS ENA

57/1914

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

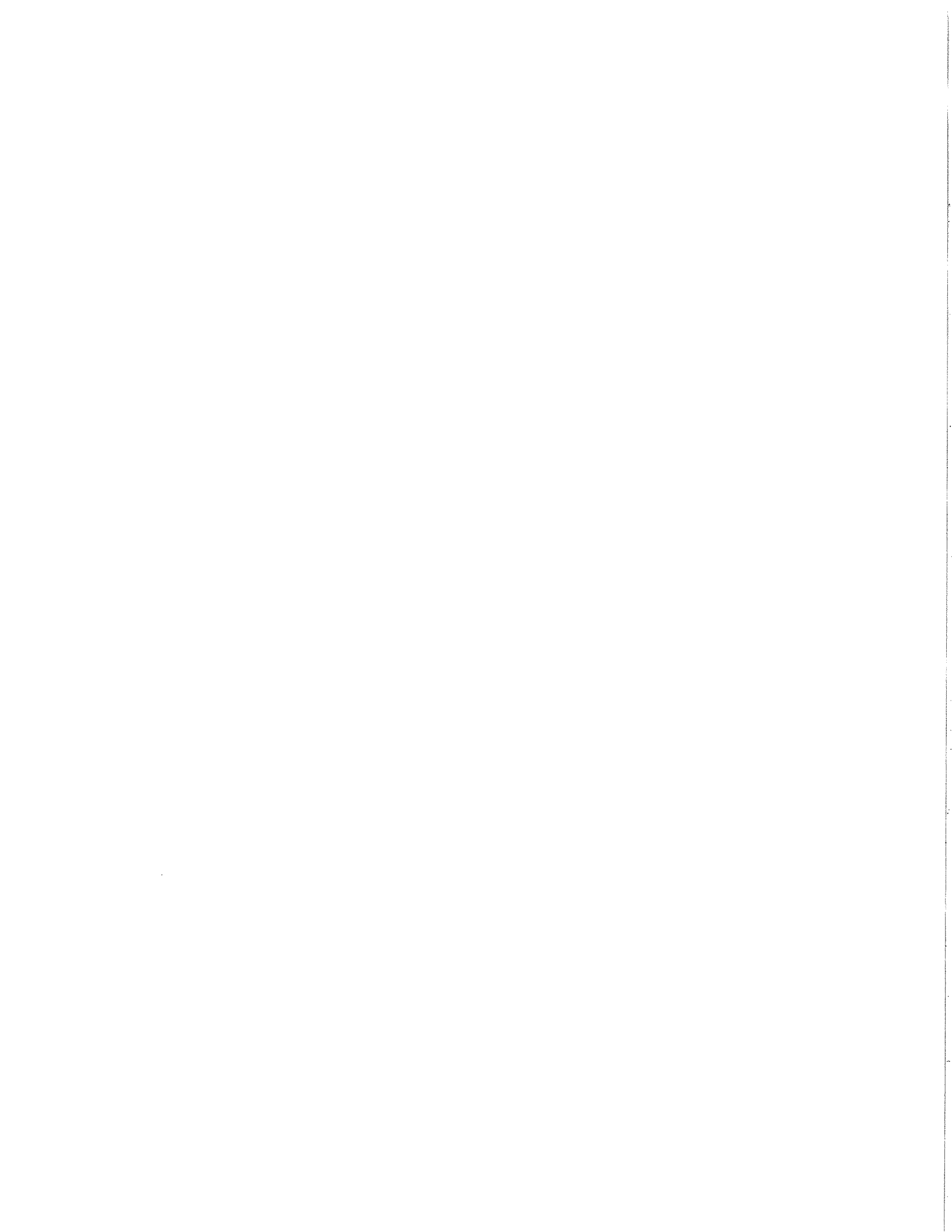
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Lab Name: TestAmerica Laboratories Inc. Contract: _____
Lab Code: RECY Case No.: _____ SAS No.: _____ SD3 No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837405
Sample wt/vol: 1045.0 (g/ml) ML Lab File ID: U29288.RR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (ul) Date Analyzed: 07/17/2008
Injection Volume: 1.00 (ul) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	Q
88-06-2	2,4,6-Trichlorophenol		5	U

FORM I - GC/MS ENA

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LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

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Lab Name: TestAmerica Laborat Contract: _____
Lab Code: REJNY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: 28837405
Sample wt/vol: 1045.0 (g/ml) ML Lab File ID: U29288.JRR
Level: (Low/med) LOW Date Samp/Recv: 07/10/2008 07/11/2008
% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/15/2008
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/17/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/kg) IS/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	12.51	5	J
2.	UNKNOWN	12.53	7	J
3.	UNKNOWN PROPANOL DERIVATIVE	12.64	11	J
4.	UNKNOWN	13.49	41	J
5.	UNKNOWN	14.06	7	J
6.	UNKNOWN	14.08	4	J
7.	UNKNOWN	14.19	4	J
8.	UNKNOWN PROPANOL DERIVATIVE	14.78	7	J
9.	UNKNOWN	14.81	5	J

FORM IF - GC/MS SVGA TIC

59/1914

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

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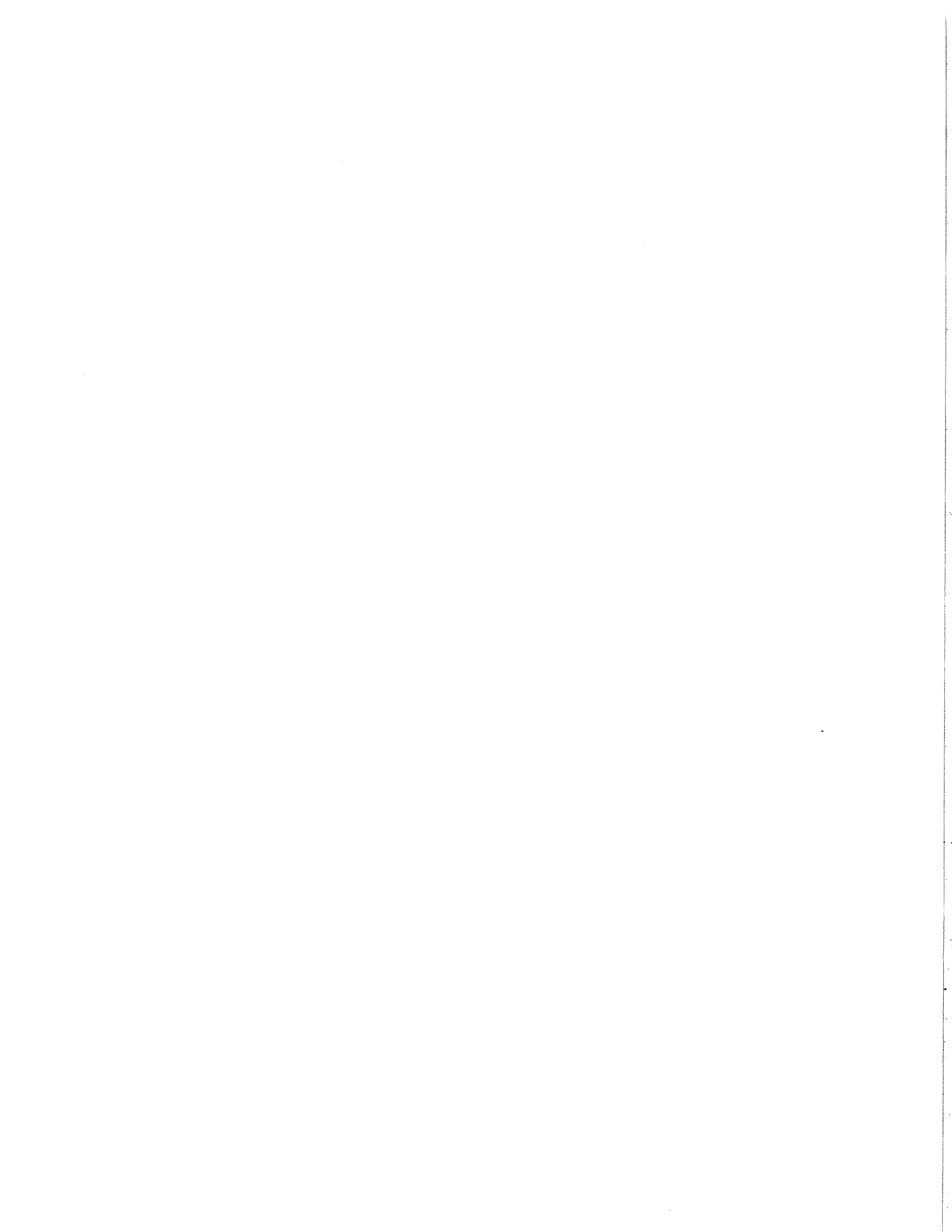
Lab Name: TestAmerica Laboratories Contract: _____
Lab Code: REJNY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: 28837404
Sample wt/vol: 1060.00 (g/ml) ML Lab File ID: 5B15143.TX0
% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/10/2008 07/11/2008
Extraction: (SepF/Cont/Sonx/Soxh): SEPF Date Extracted: 07/14/2008
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/18/2008
Injection Volume: 1.00 (uL) Dilution Factor: 5.00
GFC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/kg) IS/L

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) <u>IS/L</u>	Q
309-00-2	Aldrin	0.075	J
319-84-6	alpha-BHC	0.32	J
319-85-7	beta-BHC	0.27	J
58-89-9	gamma-BHC (lindane)	0.24	J
319-86-8	delta-BHC	0.11	J
72-54-8	4,4'-DDD	0.24	J
72-55-9	4,4'-DDE	0.24	J
50-29-3	4,4'-DDT	0.24	J
60-57-1	Dieldrin	0.24	J
959-98-8	Endosulfan I	0.24	J
33213-65-9	Endosulfan II	0.24	J
1031-07-8	Endosulfan Sulfate	0.24	J
72-20-8	Endrin	0.24	J
7421-93-4	Endrin aldehyde	0.24	J
5103-71-9	alpha-Chlordane	0.24	J
5103-74-2	gamma-Chlordane	0.10	J
76-44-8	Heptachlor	0.19	J
1024-57-3	Heptachlor epoxide	0.24	J
72-43-5	Methoxychlor	0.24	J
8001-35-2	Toxaphene	2.4	J
53494-70-5	Endrin ketone	0.24	J

FORM I - GC EKT

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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

MW-014

Lab Name: TestAmerica Laboratories Contract: _____
Lab Code: REOVY Case No.: _____ SRS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: AB837402
Sample wt./vol.: 1060.00 (g/mL) ML Lab File ID: 6815139.TK0
& Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/09/2008 07/11/2008
Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 07/14/2008
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/18/2008
Injection Volume: 1.00 (uL) Dilution Factor: 10.00
GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
309-00-2	Aldrin	0.14	J
319-84-6	alpha-BHC	0.40	J
319-85-7	beta-BHC	0.27	J
58-89-9	gamma-BHC (lindane)	0.47	U
319-86-8	delta-BHC	0.19	J
72-54-8	4,4'-DDD	0.47	U
72-55-9	4,4'-DDE	0.47	U
50-29-3	4,4'-DDT	0.47	U
60-57-1	Dieldrin	0.20	U
959-98-8	Endosulfan I	0.47	U
33213-65-9	Endosulfan II	0.47	U
1031-07-8	Endosulfan Sulfate	0.47	U
72-20-8	Endrin	0.47	U
7421-93-4	Endrin aldehyde	0.47	U
5103-71-9	alpha-Chlordane	0.47	U
5103-74-2	gamma-Chlordane	0.14	U
76-44-8	Heptachlor	0.47	U
1024-57-3	Heptachlor epoxide	0.47	U
72-43-5	Methoxychlor	0.47	U
8001-35-2	Toxaphene	4.7	U
53494-70-5	Endrin ketone	0.47	U

FORM I - GC EXT

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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

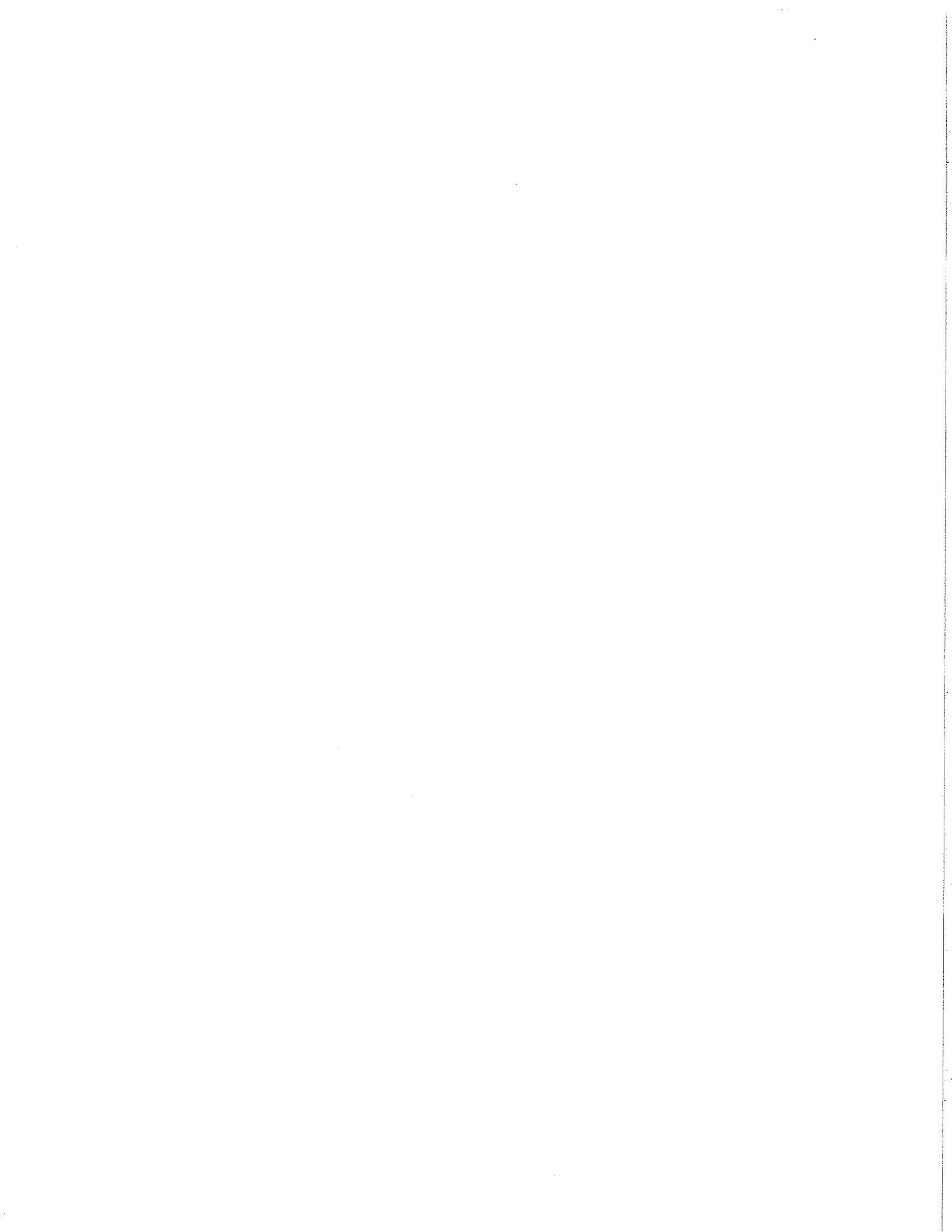
Client No.

MW-023

Lab Name: TestAmerica Laboratories Contract: _____
Lab Code: REOVY Case No.: _____ SRS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: AB837403
Sample wt./vol.: 1060.00 (g/mL) ML Lab File ID: 6815140.TK0
& Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/10/2008 07/11/2008
Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 07/14/2008
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/18/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
309-00-2	Aldrin	0.047	U
319-84-6	alpha-BHC	0.019	J
319-85-7	beta-BHC	0.047	J
58-89-9	gamma-BHC (lindane)	0.014	J
319-86-8	delta-BHC	0.018	J
72-54-8	4,4'-DDD	0.047	U
72-55-9	4,4'-DDE	0.020	U
50-29-3	4,4'-DDT	0.051	U
60-57-1	Dieldrin	0.047	U
959-98-8	Endosulfan I	0.047	U
33213-65-9	Endosulfan II	0.047	U
1031-07-8	Endosulfan Sulfate	0.047	U
72-20-8	Endrin	0.047	U
7421-93-4	Endrin aldehyde	0.047	U
5103-71-9	alpha-Chlordane	0.047	U
5103-74-2	gamma-Chlordane	0.012	U
76-44-8	Heptachlor	0.047	U
1024-57-3	Heptachlor epoxide	0.047	U
72-43-5	Methoxychlor	0.047	U
8001-35-2	Toxaphene	0.47	U
53494-70-5	Endrin ketone	0.047	U

FORM I - GC EXT



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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

HW-069

Lab Name: TestAmerica Laboratories Contract: _____
Lab Code: RECVY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837401
Sample wt/vol: 1045.00 (g/ml) ML Lab File ID: 6B15136.TX0
& Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/08/2008 07/11/2008
Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 07/14/2008
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/18/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) <u>ug/L</u>	Q
309-00-2	Aldrin	0.048	U
319-84-6	alpha-BHC	0.048	U
319-85-7	beta-BHC	0.048	U
58-89-9	gamma-BHC (lindane)	0.048	U
319-86-8	delta-BHC	0.017	U
72-54-8	4,4'-DDD	0.048	U
72-55-9	4,4'-DDE	0.048	U
50-29-3	4,4'-DDT	0.048	U
60-57-1	Dieldrin	0.048	U
959-98-8	Endosulfan I	0.048	U
33213-65-9	Endosulfan II	0.048	U
1031-07-8	Endosulfan Sulfate	0.048	U
72-20-8	Endrin	0.048	U
7421-93-4	Endrin aldehyde	0.048	U
5103-71-9	alpha-Chlordane	0.048	U
5103-74-2	gamma-Chlordane	0.048	U
76-44-8	Heptachlor	0.048	U
1024-57-3	Heptachlor epoxide	0.048	U
72-43-5	Methoxychlor	0.048	U
8001-35-2	Toxaphene	0.48	U
53494-70-5	Endrin ketone	0.048	U

FORM I - GC EXT

63/1914

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

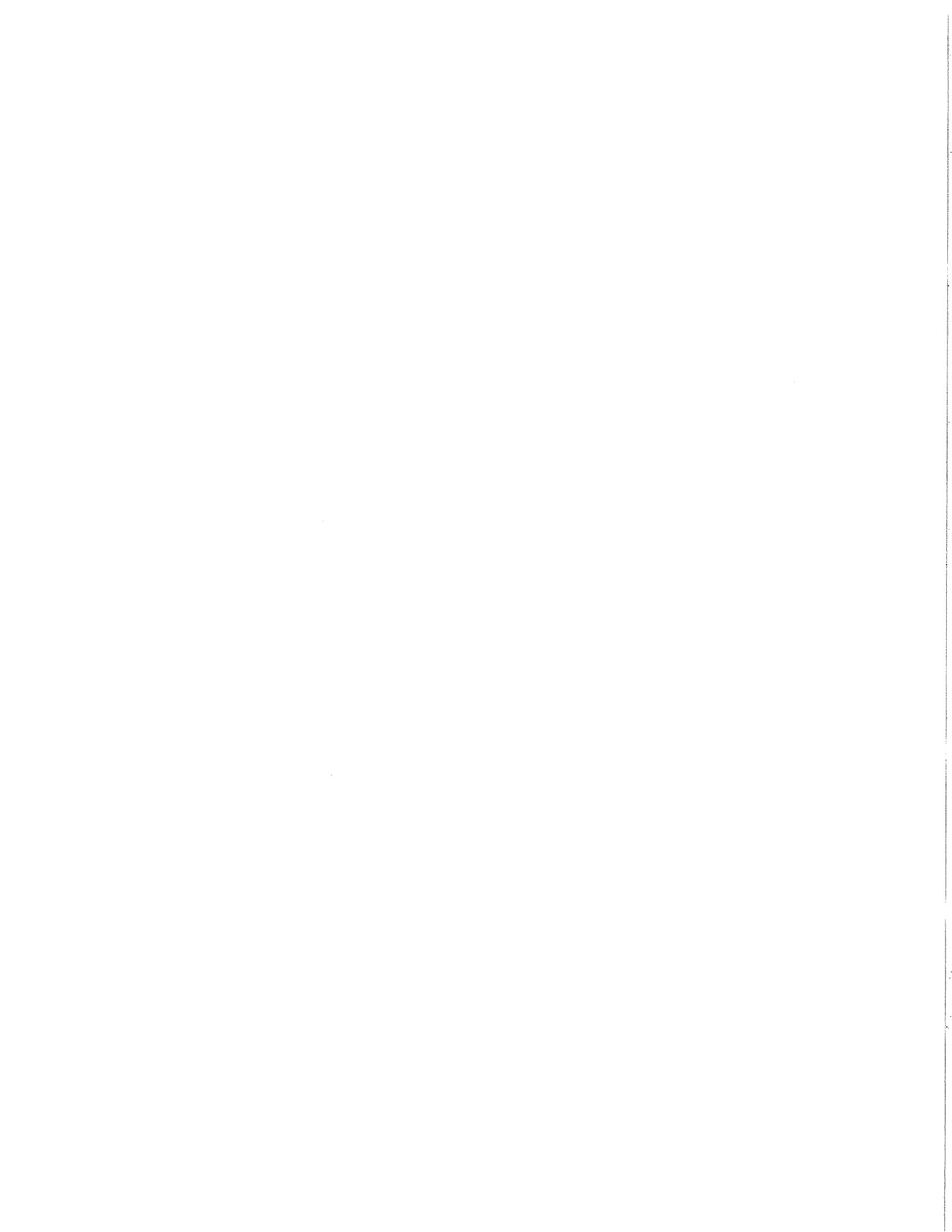
Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Contract: _____
Lab Code: RECVY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837405
Sample wt/vol: 1050.00 (g/ml) ML Lab File ID: 6B15144.TX0
& Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/10/2008 07/11/2008
Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 07/14/2008
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/18/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) <u>ug/L</u>	Q
309-00-2	Aldrin	0.048	U
319-84-6	alpha-BHC	0.048	U
319-85-7	beta-BHC	0.048	U
58-89-9	gamma-BHC (lindane)	0.048	U
319-86-8	delta-BHC	0.048	U
72-54-8	4,4'-DDD	0.048	U
72-55-9	4,4'-DDE	0.048	U
50-29-3	4,4'-DDT	0.051	B
60-57-1	Dieldrin	0.048	U
959-98-8	Endosulfan I	0.048	U
33213-65-9	Endosulfan II	0.048	U
1031-07-8	Endosulfan Sulfate	0.048	U
72-20-8	Endrin	0.048	U
7421-93-4	Endrin aldehyde	0.048	U
5103-71-9	alpha-Chlordane	0.048	U
5103-74-2	gamma-Chlordane	0.048	U
76-44-8	Heptachlor	0.012	BU
1024-57-3	Heptachlor epoxide	0.048	U
72-43-5	Methoxychlor	0.048	U
8001-35-2	Toxaphene	0.48	U
53494-70-5	Endrin ketone	0.048	U

FORM I - GC EXT



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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BLIND DUPLICATE

Lab Name: TestAmerica Laboratories Contract: _____
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: 28837404
Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12A36179.TX0
% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/10/2008 07/11/2008
Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 07/14/2008
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/15/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

FORM I - GC EXT

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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

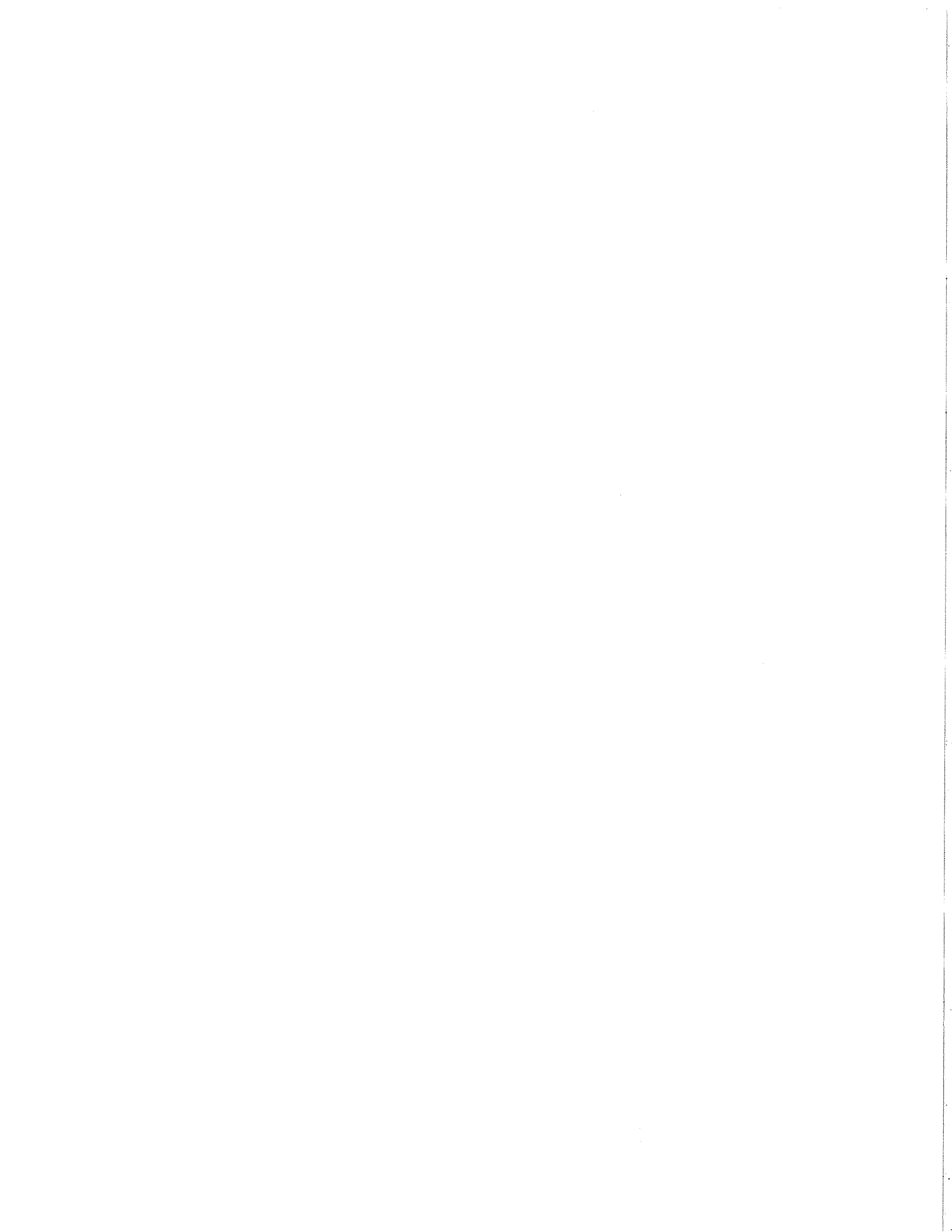
Client No.

MF-014

Lab Name: TestAmerica Laboratories Contract: _____
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: 28837402
Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12A36175.TX0
% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/09/2008 07/11/2008
Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 07/14/2008
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/15/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	1.6	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

FORM I - GC EXT



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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

MM-023

Lab Name: TestAmerica Laboratories Contract: _____
Lab Code: RECY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A9837403
Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: 12A36176.TX0
% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/10/2008 07/11/2008
Extraction: (Sep#/Cont/Sonc/Soxh): SEEF Date Extracted: 07/14/2008
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/15/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/kg)	ug/L
12674-11-2	Aroclor 1016	0.47	U
11104-28-2	Aroclor 1221	0.47	U
11141-16-5	Aroclor 1232	0.47	U
53469-21-9	Aroclor 1242	0.47	U
12672-29-6	Aroclor 1248	0.47	U
11097-69-1	Aroclor 1254	0.47	U
11096-82-5	Aroclor 1260	0.47	U

FORM I - GC EXT

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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

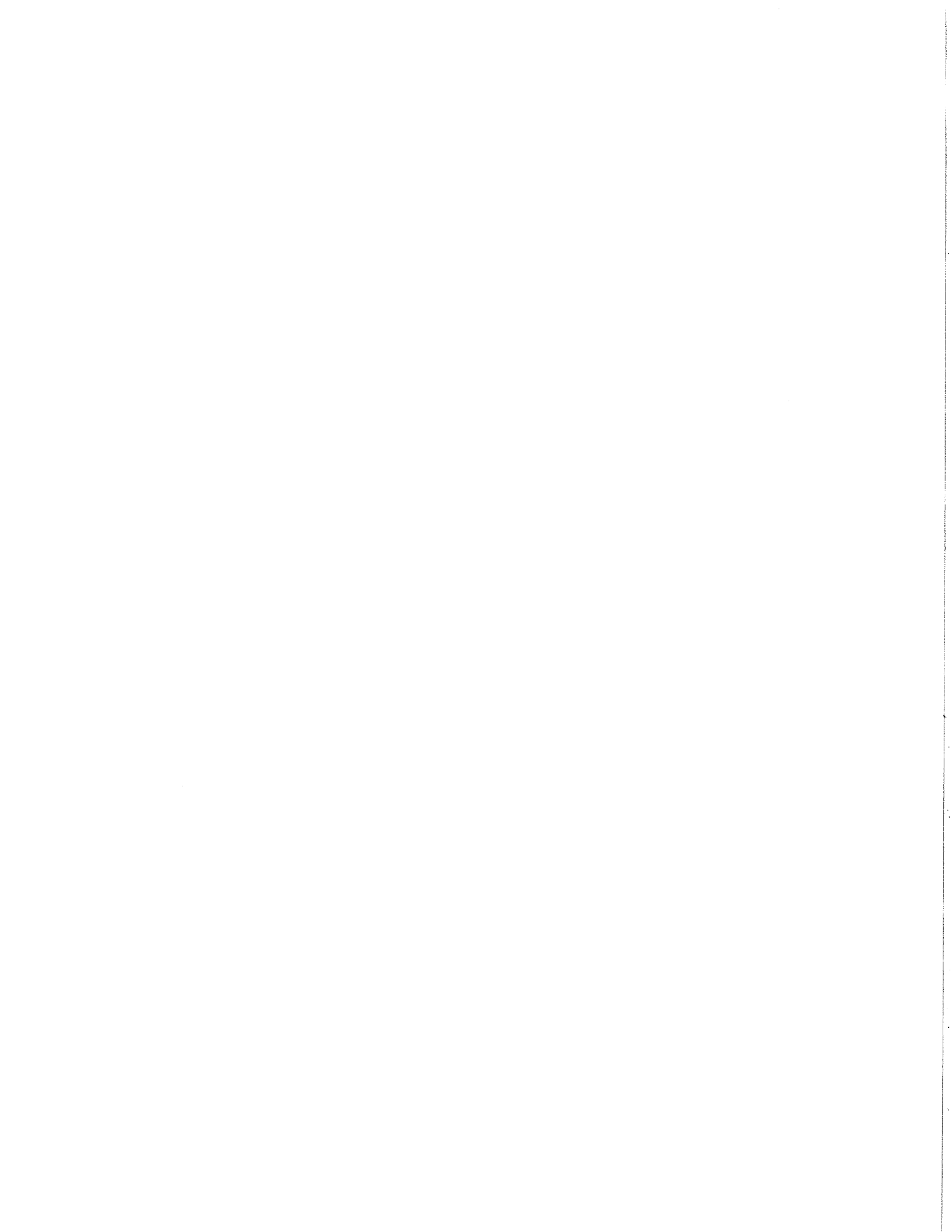
Client No.

MM-069

Lab Name: TestAmerica Laboratories Contract: _____
Lab Code: RECY Case No.: _____ SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A9837401
Sample wt/vol: 1045.00 (g/mL) ML Lab File ID: 12A36174.TX0
% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/08/2008 07/11/2008
Extraction: (Sep#/Cont/Sonc/Soxh): SEEF Date Extracted: 07/14/2008
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/15/2008
Injection Volume: 1.00 (uL) Dilution Factor: 1.00
GFC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/kg)	ug/L
12674-11-2	Aroclor 1016	0.48	U
11104-28-2	Aroclor 1221	0.48	U
11141-16-5	Aroclor 1232	0.48	U
53469-21-9	Aroclor 1242	0.48	U
12672-29-6	Aroclor 1248	0.48	U
11097-69-1	Aroclor 1254	0.48	U
11096-82-5	Aroclor 1260	0.48	U

FORM I - GC EXT



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LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Contract: _____
Lab Code: RECNY Case No.: _____ SDS No.: _____
Matrix: (soil/water) WATER Lab Sample ID: A8837405
Sample wt./vol.: 1050.00 (g/mL) ML Lab File ID: 12A36180.TX0
% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 07/10/2008 07/11/2008
Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 07/14/2008
Concentrated Extract Volume: 10000 (ul) Date Analyzed: 07/15/2008

Injection Volume: 1.00 (ul) Dilution Factor: 1.00
GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
12674-11-2	-----Aroclor 1016	0.48	U
11104-28-2	-----Aroclor 1221	0.48	U
11141-16-5	-----Aroclor 1232	0.48	U
53469-21-9	-----Aroclor 1242	0.48	U
12672-29-6	-----Aroclor 1248	0.48	U
11097-69-1	-----Aroclor 1254	0.48	U
11096-82-5	-----Aroclor 1260	0.48	U

FORM I - GC EXT

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TESTAMERICA LABORATORIES INC.

LaBella Associates

- 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates SDG No.: A08-8374 Method Type:

Sample ID: A8837404 Client ID: BLIND DUPLICATE

Date Received: 7/11/2008 Date Collected: 7/10/2008 Level: LOW

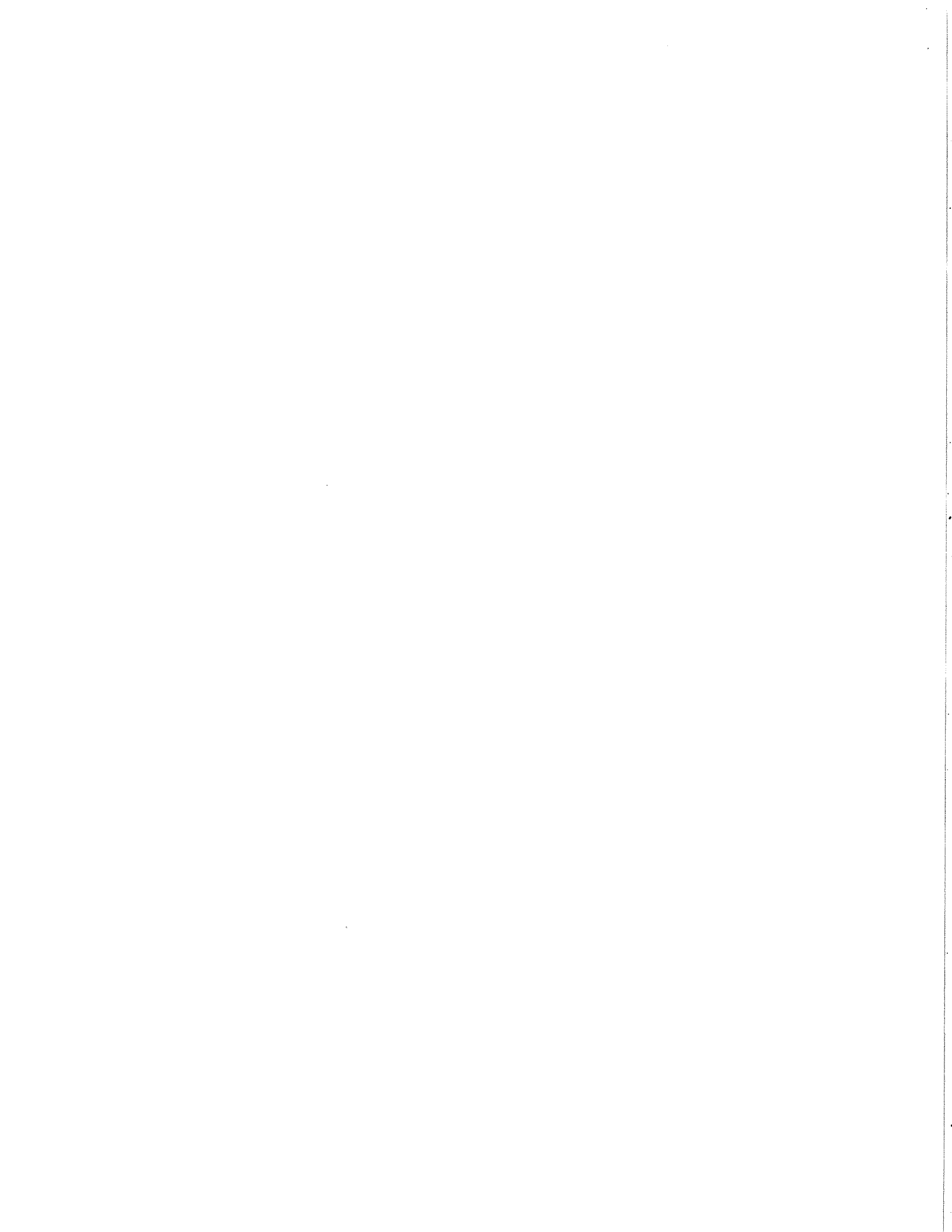
Sample Wt/Vol: 50.0 Final Vol: 50.0

Prep Batch ID: A8B18830 Prep Date: 7/16/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Date	Analytical Time	Instrument	Run	M
Antimony	<	20.0 ug/L	U		20.0	20.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Arsenic	<	10.4 ug/L	U		10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Beryllium	<	2.0 ug/L	U		2.0	2.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Cadmium	<	1.0 ug/L	U		1.0	1.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Chromium	<	4.0 ug/L	U		4.0	4.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Copper	<	10.0 ug/L	U		10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Lead	<	5.0 ug/L	U		5.0	5.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Nickel	<	13.2 ug/L	U		10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Selenium	<	15.0 ug/L	U		15.0	15.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Mercury	<	0.200 ug/L	U		0.200	0.200	1	7/16/2008	17:49:59	LEEMAN P52	G07168W1	CV
Silver	<	3.0 ug/L	U		3.0	3.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Thallium	<	20.0 ug/L	U		20.0	20.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P
Zinc	<	94.8 ug/L	U		10.0	10.0	1	7/17/2008	01:41	SUPERTRACE	1071608	P

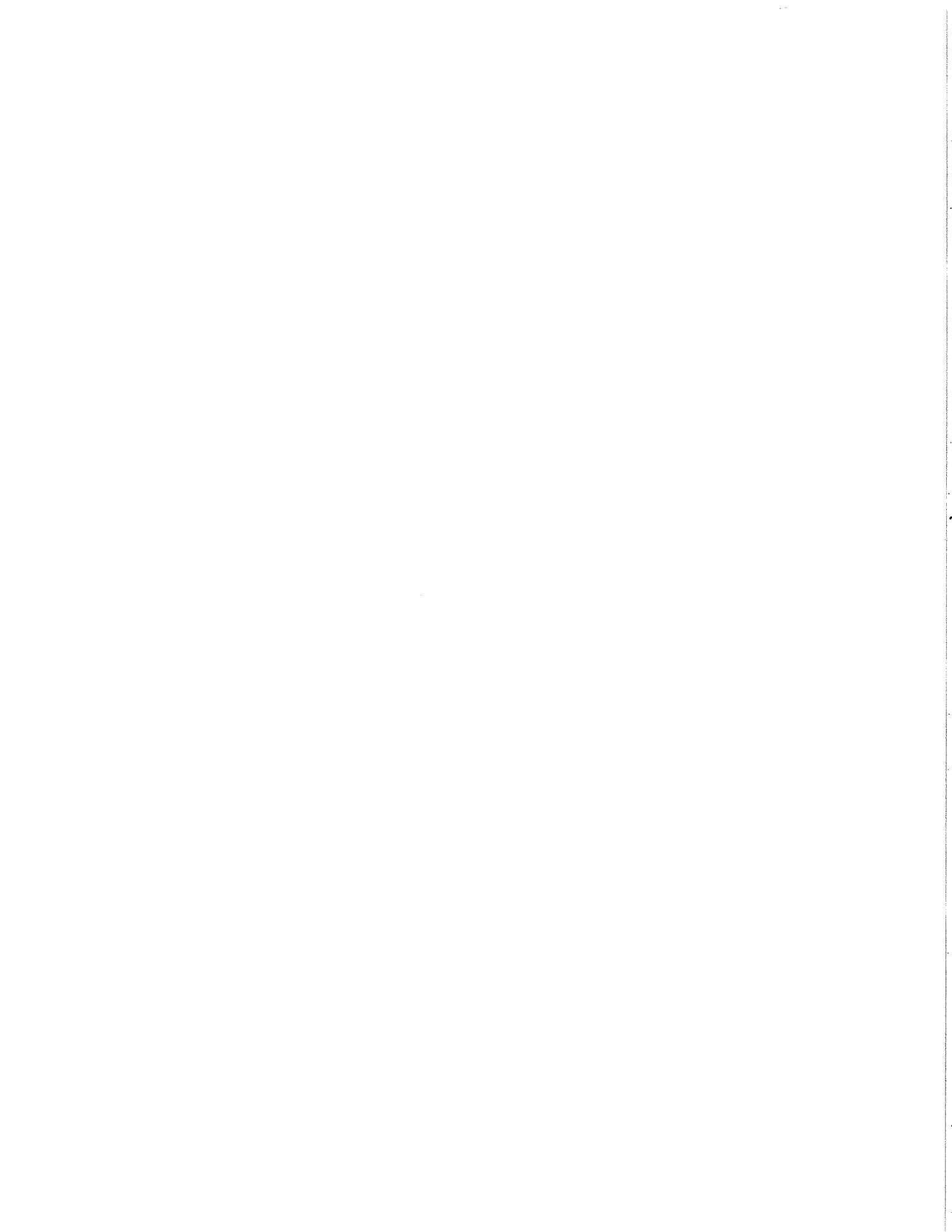
Comments:

SW-463-3rd Ed.



ATTACHMENT B

CASE NARRATIVE AND CHAIN OF CUSTODY



SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8837404	BLIND DUPLICATE	WATER	07/10/2008	00:00	07/11/2008	20:30
A8837402	MW-014	WATER	07/09/2008	10:07	07/11/2008	20:30
A8837403	MW-023	WATER	07/10/2008	13:10	07/11/2008	20:30
A8837403MS	MW-023	WATER	07/10/2008	13:10	07/11/2008	20:30
A8837403SD	MW-023	WATER	07/10/2008	13:10	07/11/2008	20:30
A8837401	MW-069	WATER	07/08/2008	13:20	07/11/2008	20:30
A8837405	TRIP BLANK	WATER	07/10/2008	00:00	07/11/2008	20:30

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

METHODS SUMMARY

Job#: A08-8374

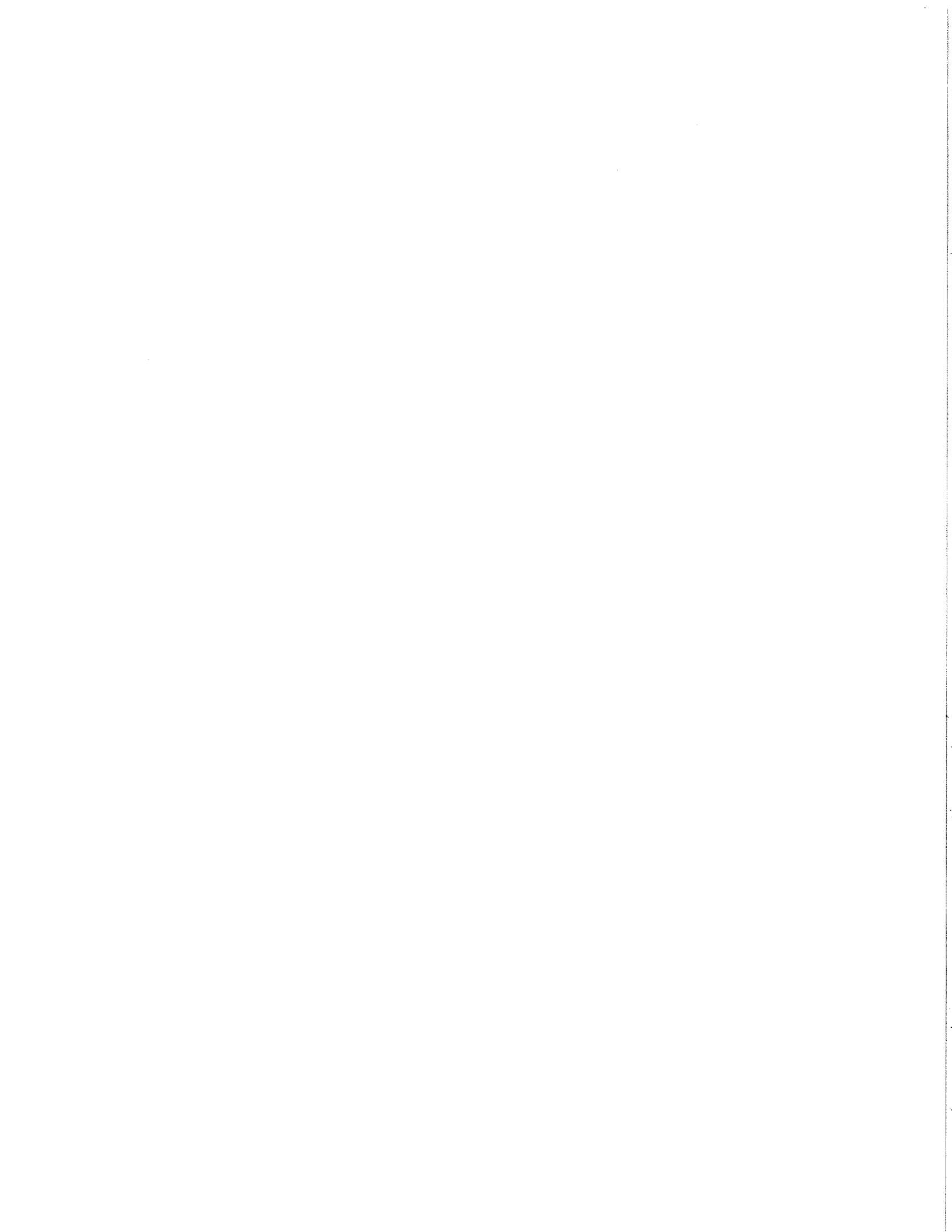
Project#: NY2A8951.6
 Site Name: LABELIA ASSOCIATES

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
METHOD 8081 - TCL PESTICIDES	SW8463 8081
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Copper - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Thallium - Total	SW8463 6010
Zinc - Total	SW8463 6010

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846) , Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

The results presented in this report relate only to the analytical testing and conditions of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.



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SOC NARRATIVE

Job#: A08-8374

Project#: NV2A9951.6

Site Name: LaBella Associates

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-8374

Sample Cooler(s) were received at the following temperature(s): 462.0 °C
Volume for volatile analysis on sample Trip Blank were received empty. No test assigned.

GC/MS Volatile Data

For method 8260, sample MW-023 exhibited a pH=2 at the time of analysis. The analysis was performed after the recommended 7 days for un-preserved samples, therefore all detected concentrations should be considered minimum values and the results estimated. All other samples were preserved to a pH less than 2.

The recovery of surrogate p-Bromofluorobenzene in Method 8260 for samples MW-014 and BLIND DUPLICATE were outside above control limits. These samples were reanalyzed outside of analytical holding time with the surrogate now recovered within control limits. The reanalyzed results should be considered biased low. Both sets of results are reported.

Linear regression was used to calibrate all analytes and surrogates that were greater than 15% RSD in the initial calibration standard curves A81000528-1 and A81000533-1.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

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Due to an oversight, a second source calibration standard was not analyzed with initial calibration standard curve A81000533-1.

GC/MS Semivolatile Data

The analytes Di-n-butylphthalate and Di-n-octylphthalate were detected in the Method Blank A8B187802 at a level above the laboratory reporting limit. According to EPA validation criteria, up to 5 times the reporting limit is acceptable for phthalate contamination. No further corrective action was performed.

Linear regression was used to calibrate analytes that were greater than 15% RSD in the initial calibrations A81000529-1 and A81000530-1.

GC Extractable Data

For method 8081, sample MW-014 required dilution prior to analysis due to the heavy matrix present. The surrogate and spike recoveries are diluted out of all sample extracts with a dilution factor of 10X or greater.

For method 8082 the recovery of spike compound Aroclor 1260 fell outside established acceptance limits in the Matrix Spike and Matrix Spike Duplicate of sample MW-023. The MSB was acceptable therefore no further action was performed.

For method 8081, the recoveries for gamma-BHC, Heptachlor, 4,4'-DDT, 4,4'-DDE, and Hept. Epoxide in the Matrix Spike and the recoveries for gamma-BHC, Heptachlor, 4,4'-DDT, and 4,4'-DDE Matrix Spike duplicate are outside quality control limits, though the Matrix Spike Blank recoveries are compliant, no action necessary.

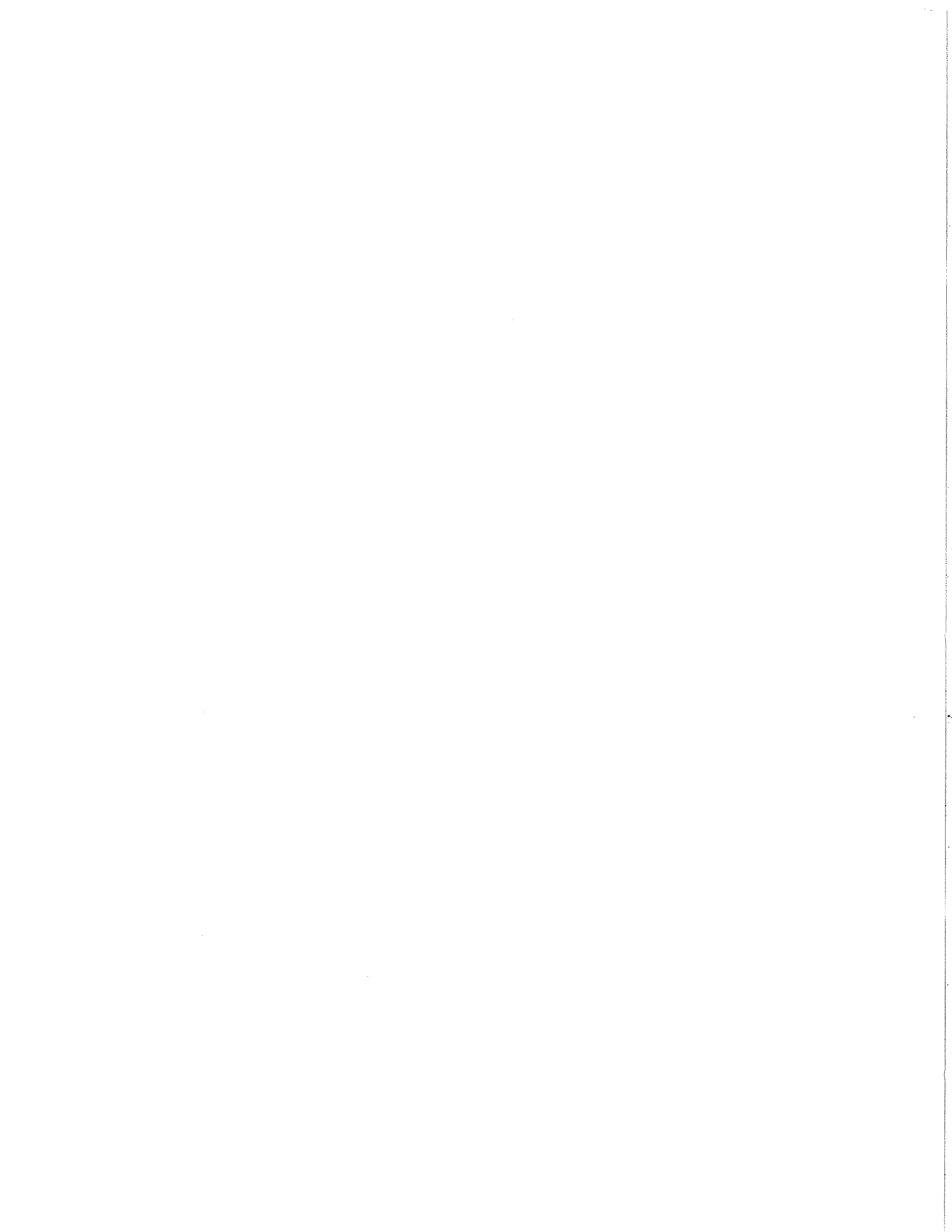
For method 8081, the response of the instrument was temporarily >15% difference in the continuing calibration verifications for methoxychlor. Subsequent continuing calibration verifications demonstrated compliance with routine quality control criteria, verifying the temporary nature of this effect.

For method 8081, beta-BHC exhibited positive bias and a % difference result greater than 15% in the ending continuing calibration verification. No corrective action was taken, all field samples are non-detect for this analyte.

For method 8081, the ending continuing calibration verification is elevated and above 15% difference for beta-BHC and gamma Chlordane, this would yield a biased high result for the associated, the data was accepted.

For methods 8081 and 8082, the method blank and samples were contaminated with low level PCBs. There is insufficient volume for re-extraction, and all positives are to be considered estimated values.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.



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The analyte 4,4'-DDE was detected in the TRIP BLANK at a level above the project established reporting limit. This analyte was also detected in the associated Method Blank at a similar concentration. As a result this detect has been qualified with a "B" and should be evaluated accordingly.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

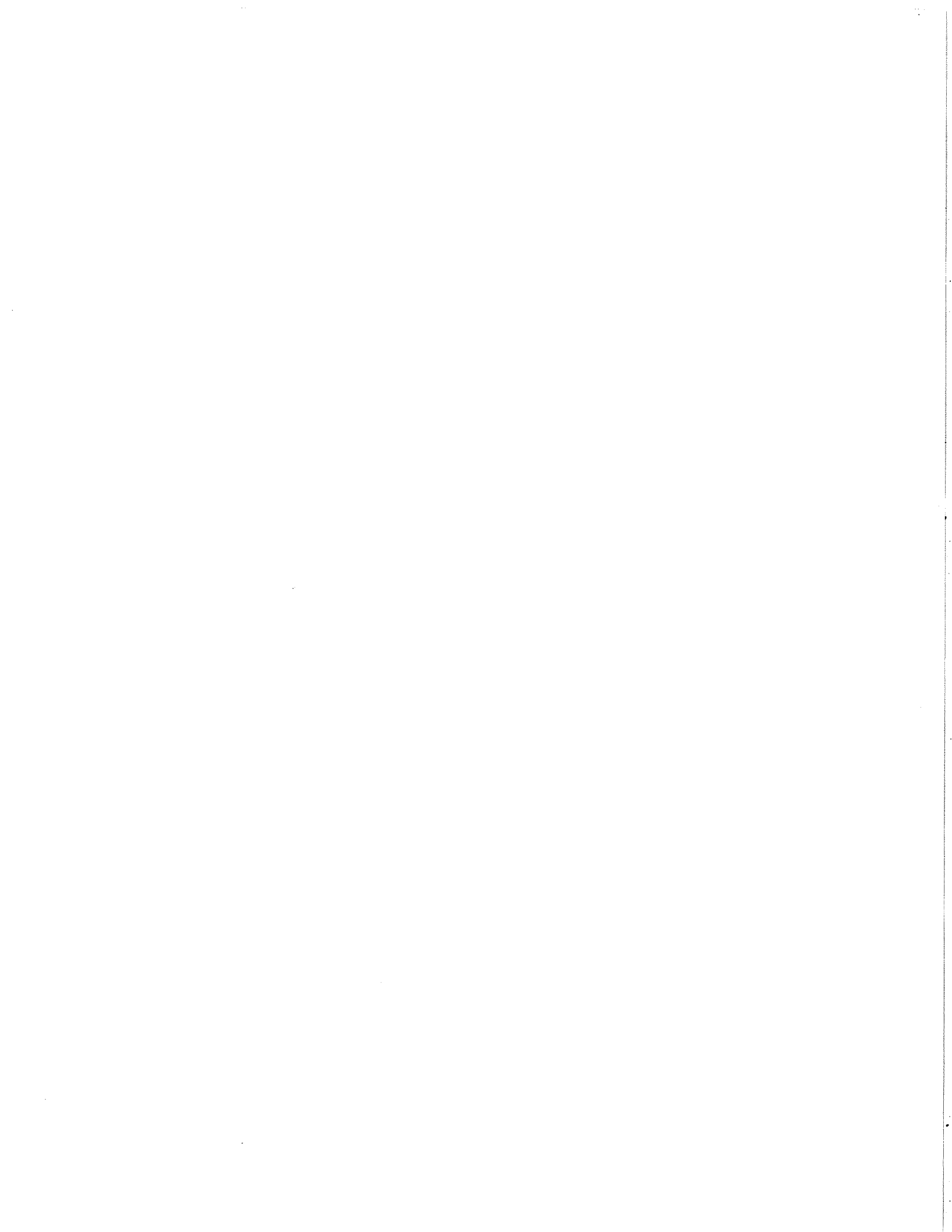


Jason R. Kacalski
Project Manager

8/12

Date

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.



TAL-4142 (0907)

Client: **La Bella Associates, P.C.** Address: **300 State Street, Suite 201** City: **Rochester** State: **NY** Zip Code: **14614**

Project Manager: **Dennis Porten** Date: **7/10/2008** Chain of Custody Number: **390285**

Telephone Number (Area Code)/Fax Number: **585/295-6245** Lab Contact: **J. Kalcewski** Lab Number: **1** of **1**

Site Contact: **Mr. Polychuk** Carrier/Waybill Number: **Test America Pick-up**

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives				Analysis (Attach list if more space is needed)				Special Instructions/ Conditions of Receipt			
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnCl	NaOH	TCL VOC+TKS		TCL SVOC+TKS	PRL Metals	PCBs	Pesticides
MW-069	7/8/2008	1320	X					3	12						X	X	X	
MW-014	7/9/2008	1007	X					3	12						X	X	X	
MW-023	7/10/2008	1310	X					3	12						X	X	X	
MW-023 / MS	7/10/2008	1335	X					3	12						X	X	X	
MW-023 / MSP	7/10/2008	1355	X					3	12						X	X	X	
BLIND DUPLICATE			X					3	12						X	X	X	
TRIP BLANK	7/7/2008	1200	X					3	12						X	X	X	
MFP																		

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal: Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

1. Relinquished By: **Michael F. Polychuk** Date: **7/10/2008** Time: **1700**

2. Relinquished By: _____ Date: _____ Time: _____

3. Relinquished By: _____ Date: _____ Time: _____

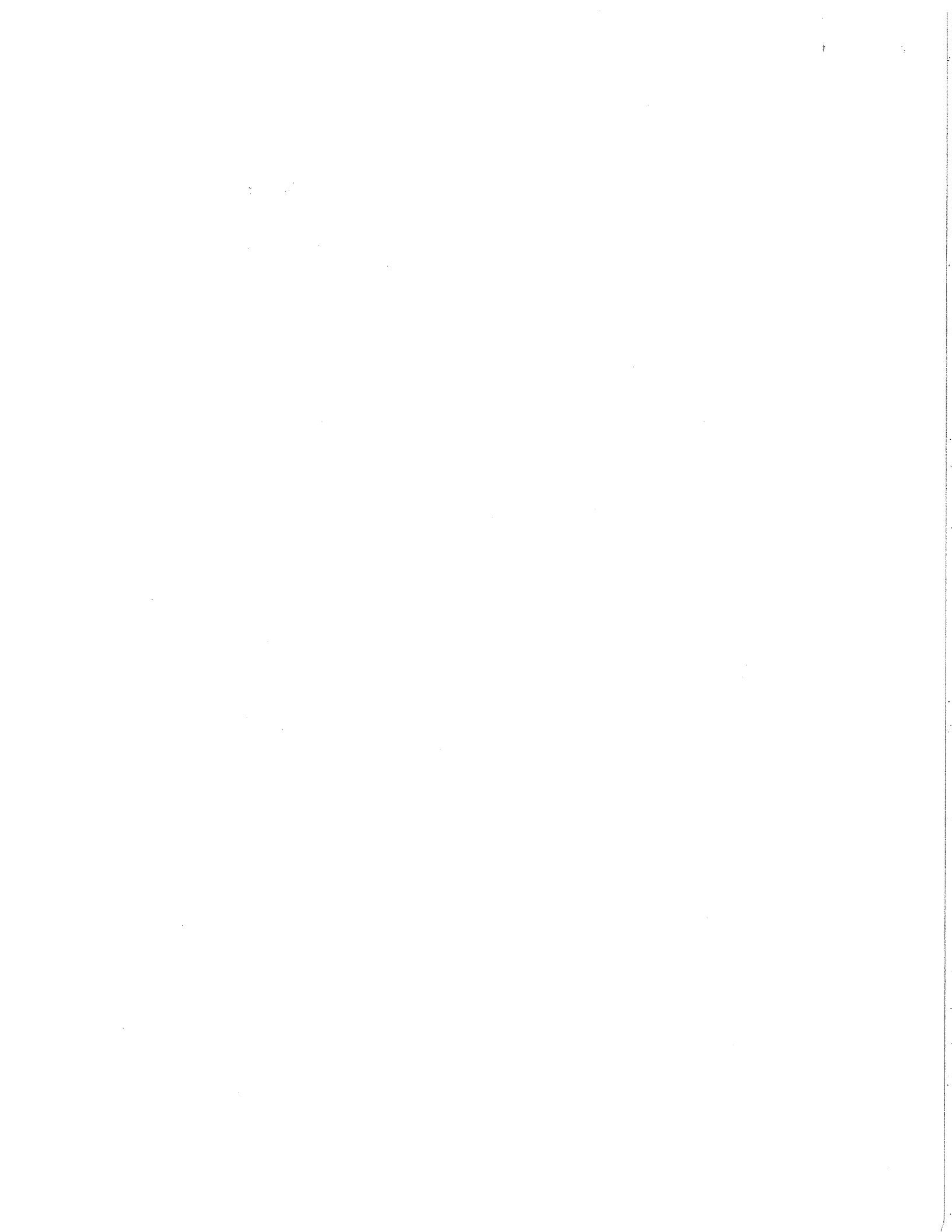
1. Received By: _____ Date: **7-11-08** Time: **20:30**

2. Received By: _____ Date: _____ Time: _____

3. Received By: _____ Date: _____ Time: _____

Comments: **402.0°**

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